

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU093021\  
 Data File : VU045035.D  
 Acq On : 30 Sep 2021 10:25  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/1/2021 11:03:27 AM

Quant Time: Sep 30 16:05:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 12:32:13 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	5.378	168	168655	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	303896	50.000 ug/l	0.00
63) Chlorobenzene-d5	9.423	117	312831	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	164322	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.706	65	140446	50.026 ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.060%	
35) Dibromofluoromethane	5.292	113	99172	51.731 ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.460%	
50) Toluene-d8	7.902	98	399773	52.777 ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 105.560%	
62) 4-Bromofluorobenzene	10.639	95	175252	56.040 ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 112.080%	
Target Compounds					
					Qvalue
2) Dichlorodifluoromethane	1.385	85	96395	46.155 ug/l	98
3) Chloromethane	1.520	50	112783	41.691 ug/l	100
4) Vinyl Chloride	1.607	62	129149	47.813 ug/l	100
5) Bromomethane	1.829	94	45729	43.159 ug/l	99
6) Chloroethane	1.906	64	90316	43.525 ug/l	99
7) Trichlorofluoromethane	2.121	101	169129	47.413 ug/l	99
8) Diethyl Ether	2.379	74	77265	47.263 ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.575	101	97862	48.240 ug/l	99
10) Methyl Iodide	2.719	142	112523	51.968 ug/l	96
11) Tert butyl alcohol	3.218	59	171314	212.612 ug/l	100
12) 1,1-Dichloroethene	2.575	96	96637	48.328 ug/l	96
13) Acrolein	2.488	56	34132	217.665 ug/l	97
14) Allyl chloride	2.922	41	176763	47.767 ug/l	95
15) Acrylonitrile	3.317	53	368343	226.669 ug/l	99
16) Acetone	2.629	43	437976	262.818 ug/l	100
17) Carbon Disulfide	2.790	76	267828	45.373 ug/l	100
18) Methyl Acetate	2.951	43	221350	45.447 ug/l	97
19) Methyl tert-butyl Ether	3.369	73	376311	48.751 ug/l	99
20) Methylene Chloride	3.044	84	118443	47.187 ug/l	96
21) trans-1,2-Dichloroethene	3.353	96	104964	47.985 ug/l	94
22) Diisopropyl ether	3.999	45	367020	48.579 ug/l	91
23) Vinyl Acetate	3.957	43	1507736	245.375 ug/l	97
24) 1,1-Dichloroethane	3.870	63	209159	48.225 ug/l	99
25) 2-Butanone	4.706	43	573067	242.040 ug/l	97
26) 2,2-Dichloropropane	4.668	77	181548	49.511 ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	123220	47.695 ug/l	98
28) Bromochloromethane	4.976	49	100931	56.147 ug/l	94
29) Tetrahydrofuran	5.054	42	318465	225.956 ug/l	95
30) Chloroform	5.092	83	211593	48.405 ug/l	100
31) Cyclohexane	5.388	56	191801	44.975 ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	175473	48.650 ug/l	98
36) 1,1-Dichloropropene	5.530	75	157739	49.634 ug/l	99
37) Ethyl Acetate	4.806	43	192565	45.795 ug/l	98
38) Carbon Tetrachloride	5.526	117	136281	49.557 ug/l	98
39) Methylcyclohexane	6.764	83	193972	49.718 ug/l	96
40) Benzene	5.777	78	465682	49.199 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU093021\  
 Data File : VU045035.D  
 Acq On : 30 Sep 2021 10:25  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/1/2021 11:03:27 AM

Quant Time: Sep 30 16:05:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 12:32:13 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	104061	48.071	ug/l	96
42) 1,2-Dichloroethane	5.796	62	181716	48.845	ug/l	100
43) Isopropyl Acetate	5.915	43	308572	48.778	ug/l	98
44) Trichloroethene	6.546	130	108872	48.785	ug/l	97
45) 1,2-Dichloropropane	6.796	63	124278	49.524	ug/l	97
46) Dibromomethane	6.922	93	84638	50.066	ug/l	99
47) Bromodichloromethane	7.111	83	170014	51.796	ug/l	97
48) Methyl methacrylate	6.967	41	151756	49.284	ug/l	95
49) 1,4-Dioxane	6.970	88	67255	852.000	ug/l	94
51) 4-Methyl-2-Pentanone	7.800	43	1131997	245.796	ug/l	98
52) Toluene	7.973	92	299176	50.502	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	201761	53.752	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	205497	52.559	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	130153	52.729	ug/l	98
56) Ethyl methacrylate	8.340	69	232910	48.647	ug/l	98
57) 1,3-Dichloropropane	8.581	76	225307	51.146	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	352521	231.860	ug/l	98
59) 2-Hexanone	8.690	43	938128	250.143	ug/l	97
60) Dibromochloromethane	8.816	129	128869	49.272	ug/l	100
61) 1,2-Dibromoethane	8.928	107	136538	52.039	ug/l	100
64) Tetrachloroethene	8.555	164	92044	45.080	ug/l	96
65) Chlorobenzene	9.452	112	325132	49.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	117685	51.394	ug/l	99
67) Ethyl Benzene	9.574	91	609430	50.495	ug/l	98
68) m/p-Xylenes	9.697	106	469317	100.092	ug/l	99
69) o-Xylene	10.105	106	234700	50.434	ug/l	98
70) Styrene	10.118	104	410011	52.519	ug/l	99
71) Bromoform	10.295	173	101458	46.301	ug/l #	99
73) Isopropylbenzene	10.488	105	624530	51.037	ug/l	100
74) N-amyl acetate	10.324	43	301127	48.872	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	251321	47.467	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	228431m	47.660	ug/l	
77) Bromobenzene	10.787	156	148454	50.241	ug/l	99
78) n-propylbenzene	10.909	91	777594	52.145	ug/l	100
79) 2-Chlorotoluene	10.989	91	468045	50.073	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	551220	51.420	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	82774	47.927	ug/l	98
82) 4-Chlorotoluene	11.102	91	540898	51.195	ug/l	100
83) tert-Butylbenzene	11.423	119	533183	51.135	ug/l	100
84) 1,2,4-Trimethylbenzene	11.471	105	553262	52.167	ug/l	99
85) sec-Butylbenzene	11.648	105	701414	52.236	ug/l	100
86) p-Isopropyltoluene	11.796	119	571949	52.951	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	281903	49.818	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	282137	48.740	ug/l	99
89) n-Butylbenzene	12.214	91	534105	53.686	ug/l	99
90) Hexachloroethane	12.481	117	98222	50.358	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	281524	48.669	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	56413	45.156	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	158195	49.074	ug/l	99
94) Hexachlorobutadiene	14.024	225	64424	47.875	ug/l	99
95) Naphthalene	14.089	128	570761	47.076	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	157260	48.575	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU093021\  
 Data File : VU045035.D  
 Acq On : 30 Sep 2021 10:25  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**ClientSampleId :**  
 VSTDCCC050

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

Quant Time: Sep 30 16:05:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 12:32:13 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

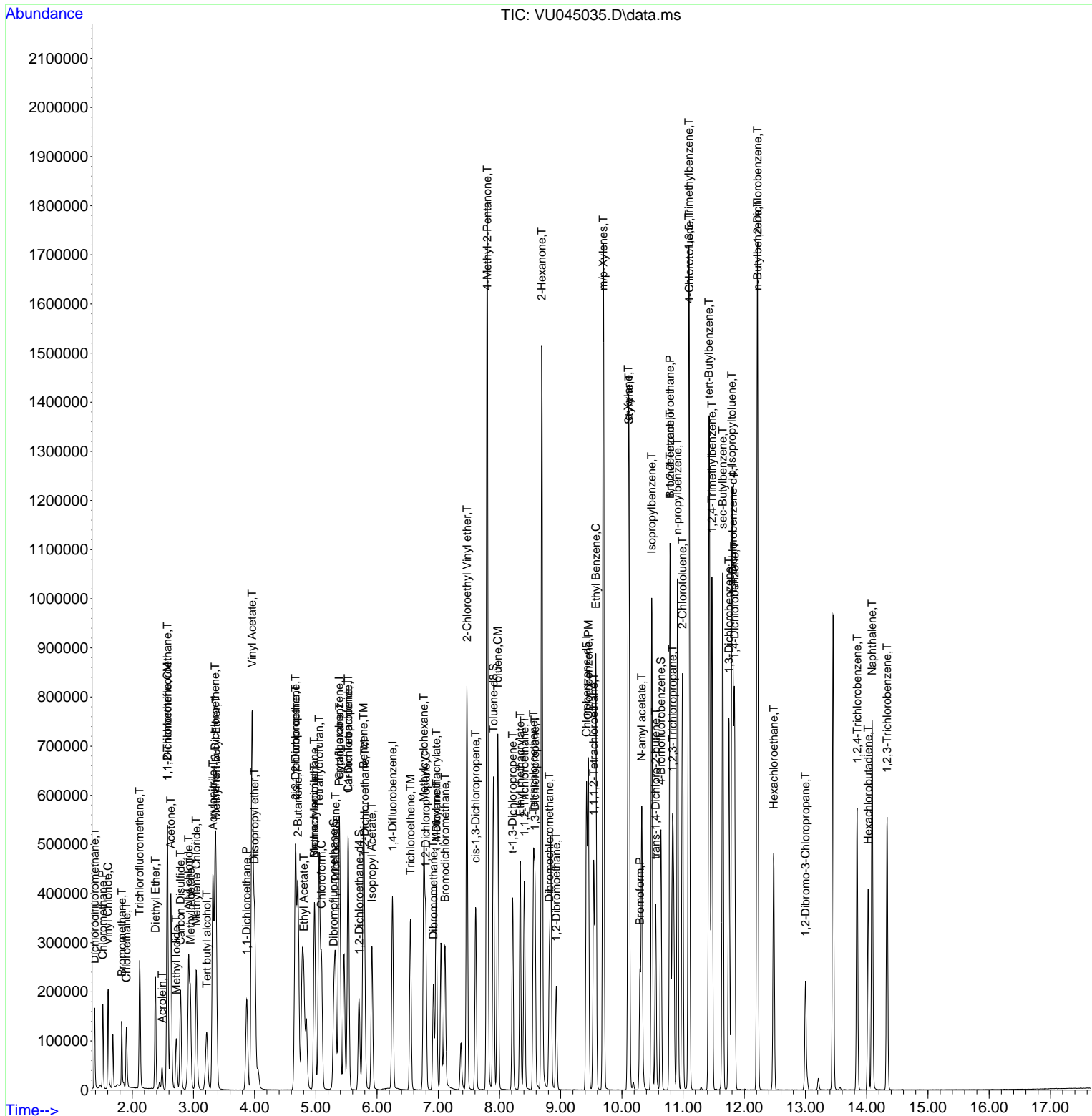
(#) = qualifier out of range (m) = manual integration (+) = signals summed

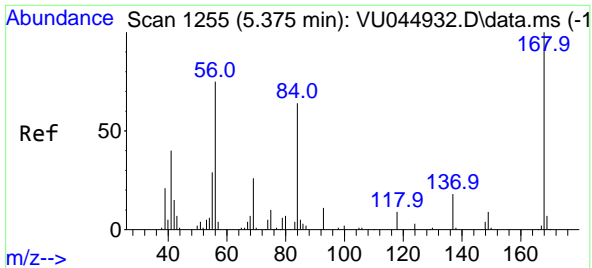
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU093021\  
 Data File : VU045035.D  
 Acq On : 30 Sep 2021 10:25  
 Operator : SY/MD  
 Sample : VSTDC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 Client Sampled :  
 VSTDC050

Manual Integrations  
 APPROVED  
 MMDadoda  
 10/1/2021 11:03:27 AM

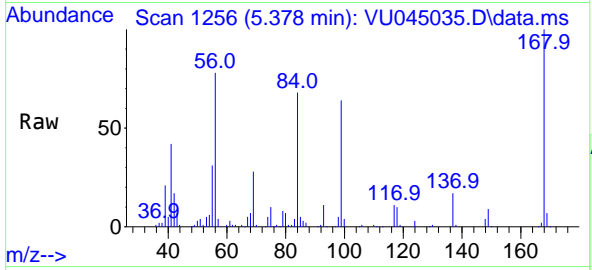
Quant Time: Sep 30 16:05:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 12:32:13 2021  
 Response via : Initial Calibration





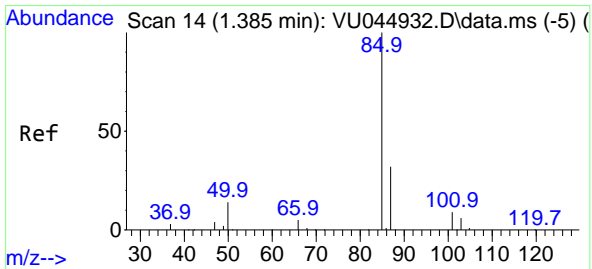
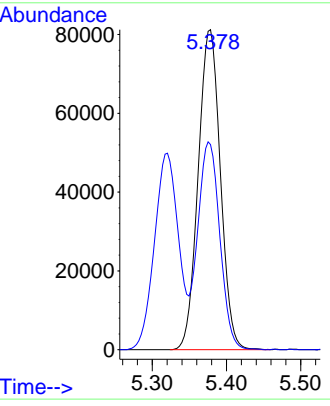
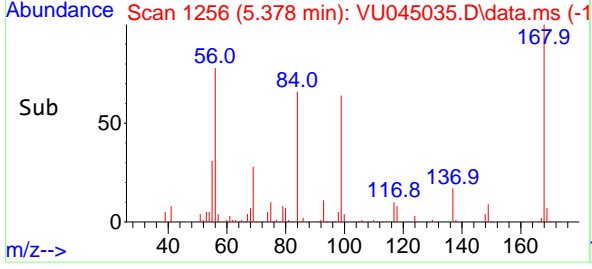
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.378 min Scan# 1256  
 Delta R.T. 0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDCCC050

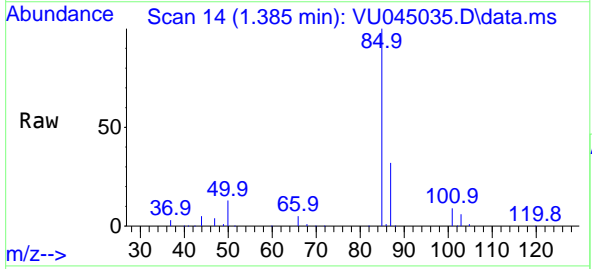


Tgt Ion:168 Resp: 168655  
 Ion Ratio Lower Upper  
 168 100  
 99 64.1 51.4 77.0

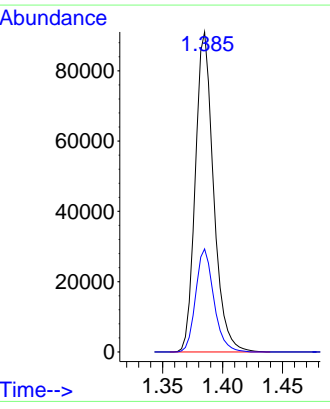
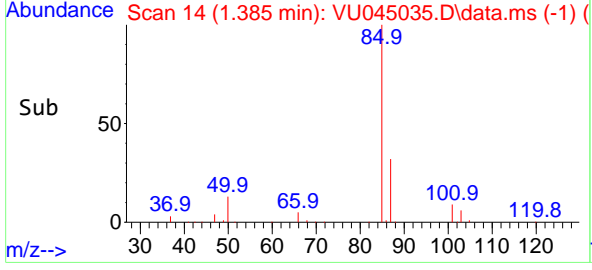
Manual Integrations  
 APPROVED  
 MMDadoda  
 10/1/2021 11:03:27 AM

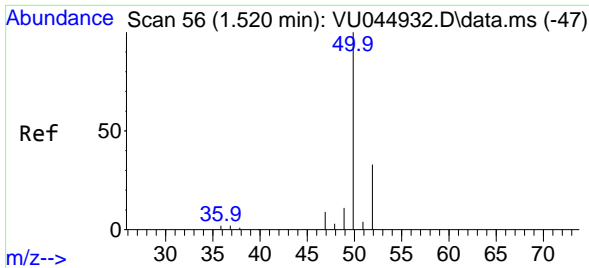


#2  
 Dichlorodifluoromethane  
 Concen: 46.155 ug/l  
 RT: 1.385 min Scan# 14  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



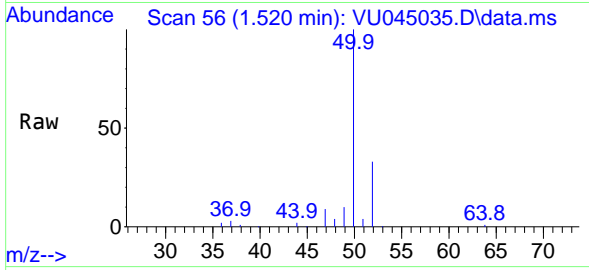
Tgt Ion: 85 Resp: 96395  
 Ion Ratio Lower Upper  
 85 100  
 87 32.2 15.7 47.0





#3  
 Chloromethane  
 Concen: 41.691 ug/l  
 RT: 1.520 min Scan# 56  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

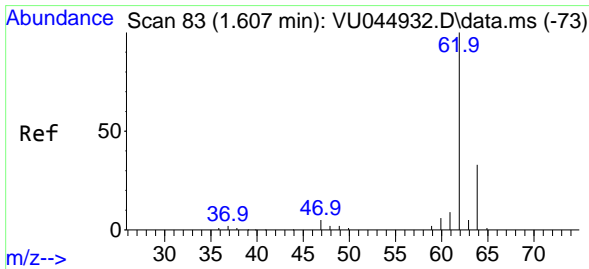
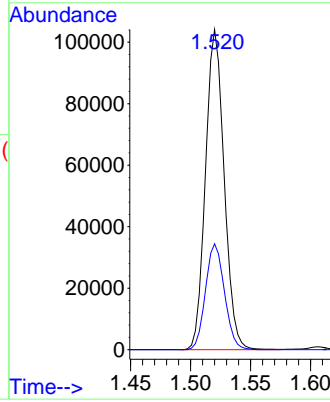
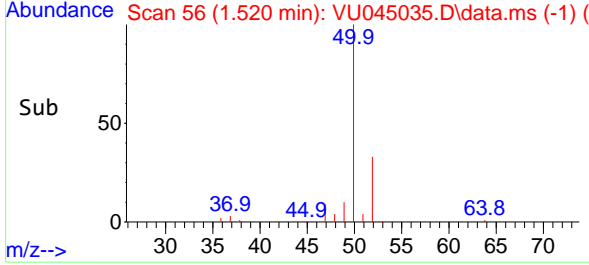
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDCCC050



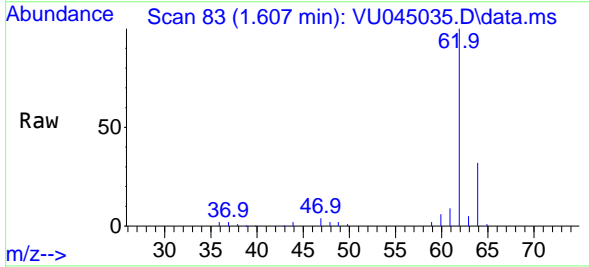
Tgt Ion: 50 Resp: 112783  
 Ion Ratio Lower Upper  
 50 100  
 52 33.1 26.3 39.5

Manual Integrations  
 APPROVED

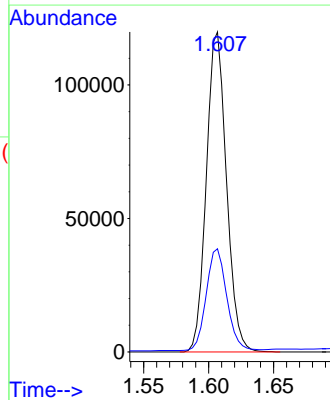
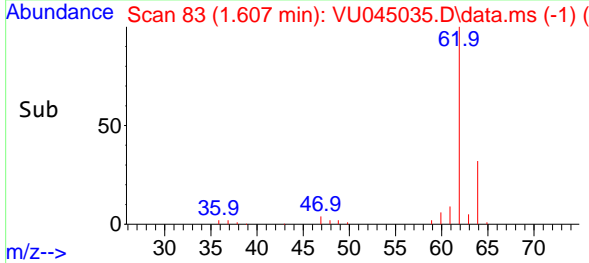
MMDadoda  
 10/1/2021 11:03:27 AM

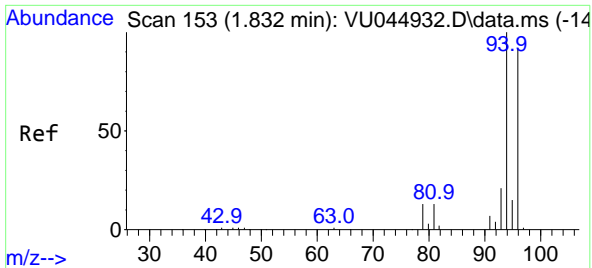


#4  
 Vinyl Chloride  
 Concen: 47.813 ug/l  
 RT: 1.607 min Scan# 83  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



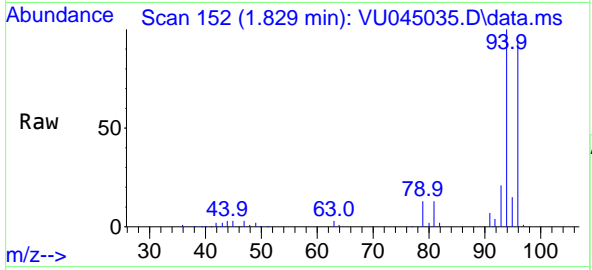
Tgt Ion: 62 Resp: 129149  
 Ion Ratio Lower Upper  
 62 100  
 64 31.8 25.6 38.4





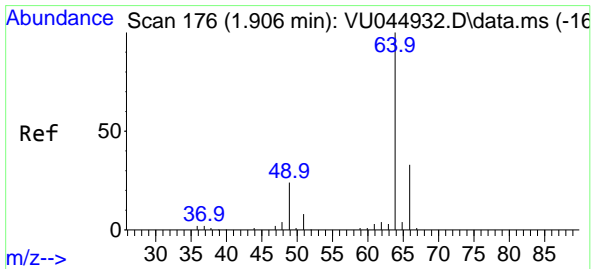
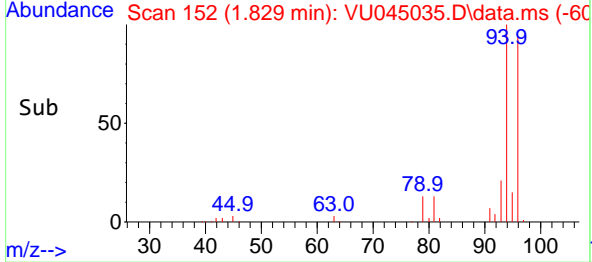
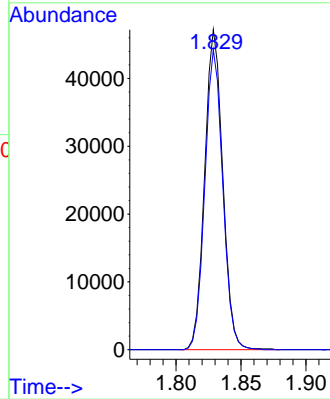
Bromomethane  
 Concen: 43.159 ug/l  
 RT: 1.829 min Scan# 152  
 Delta R.T. -0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

Instrument : MSVOA\_U  
 Client Sampled : VSTDCCC050



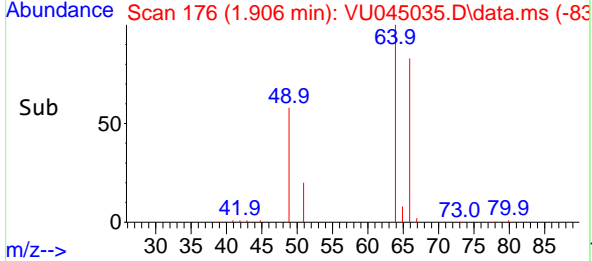
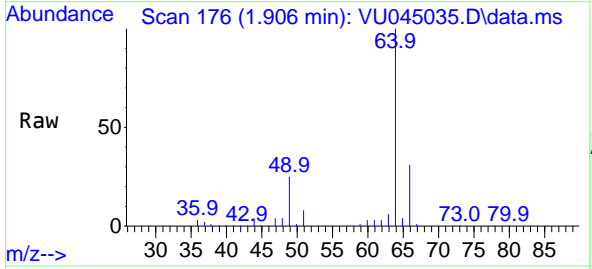
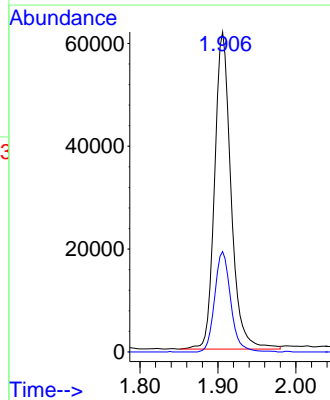
Tgt Ion: 94 Resp: 45729  
 Ion Ratio Lower Upper  
 94 100  
 96 93.7 74.5 111.7

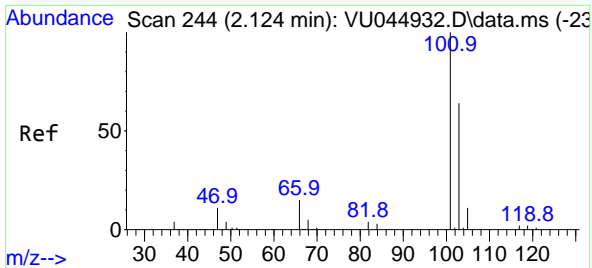
Manual Integrations APPROVED  
 MMDadoda  
 10/1/2021 11:03:27 AM



Chloroethane  
 Concen: 43.525 ug/l  
 RT: 1.906 min Scan# 176  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

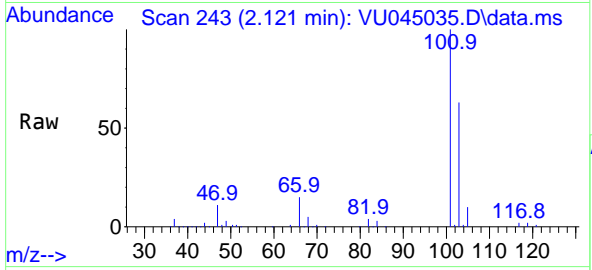
Tgt Ion: 64 Resp: 90316  
 Ion Ratio Lower Upper  
 64 100  
 66 31.6 25.8 38.8





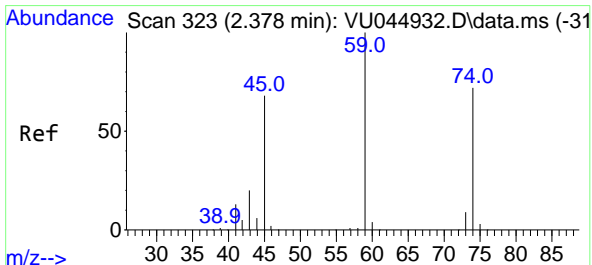
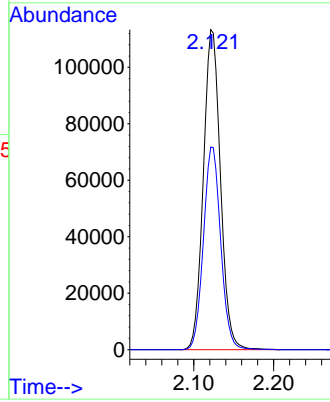
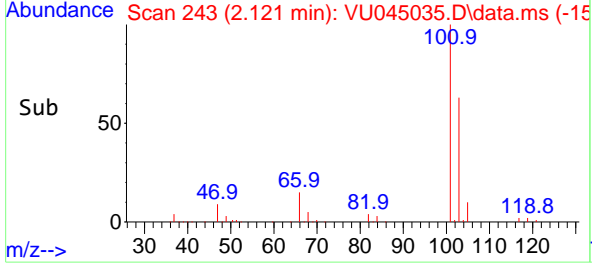
#7  
 Trichlorofluoromethane  
 Concen: 47.413 ug/l  
 RT: 2.121 min Scan# 243  
 Delta R.T. -0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

Instrument : MSVOA\_U  
 ClientSampled : VSTDCCC050

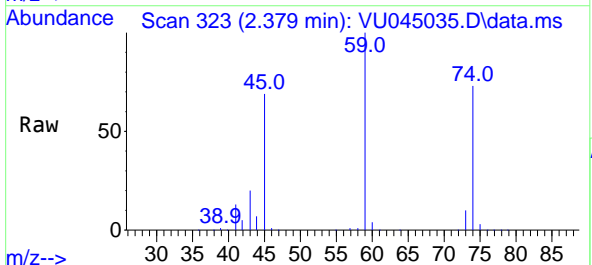


Tgt Ion:101 Resp: 169129  
 Ion Ratio Lower Upper  
 101 100  
 103 63.3 51.2 76.8

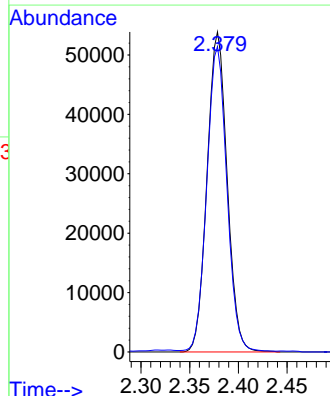
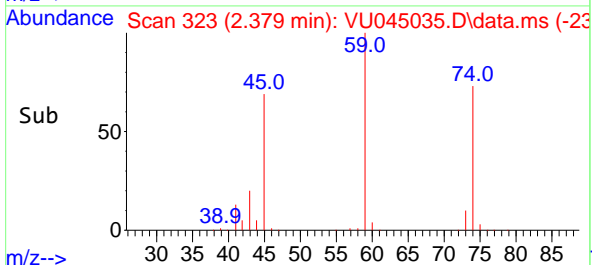
Manual Integrations APPROVED  
 MMDadoda  
 10/1/2021 11:03:27 AM



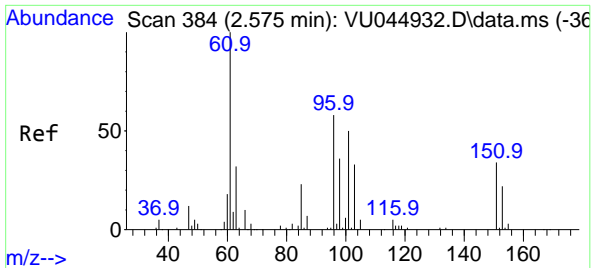
#8  
 Diethyl Ether  
 Concen: 47.263 ug/l  
 RT: 2.379 min Scan# 323  
 Delta R.T. 0.001 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



Tgt Ion: 74 Resp: 77265  
 Ion Ratio Lower Upper  
 74 100  
 45 94.9 52.2 156.6

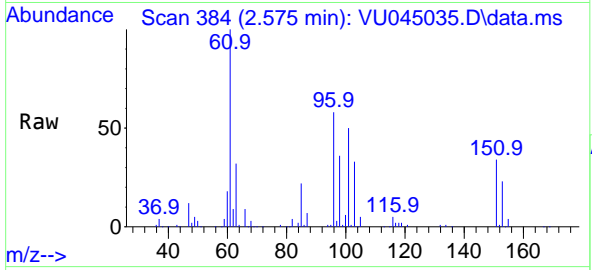






#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 48.240 ug/l  
 RT: 2.575 min Scan# 384  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

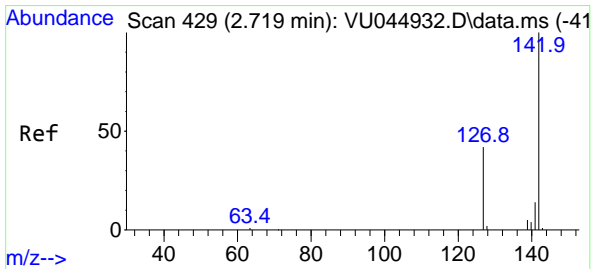
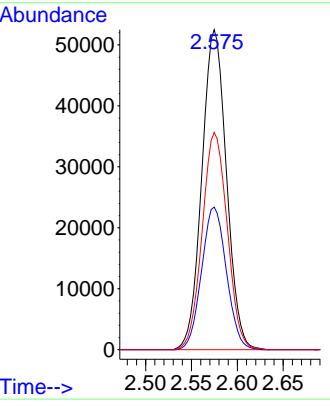
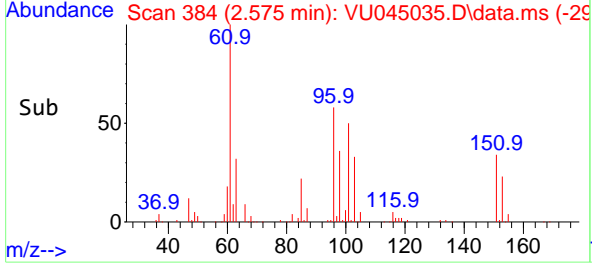
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050



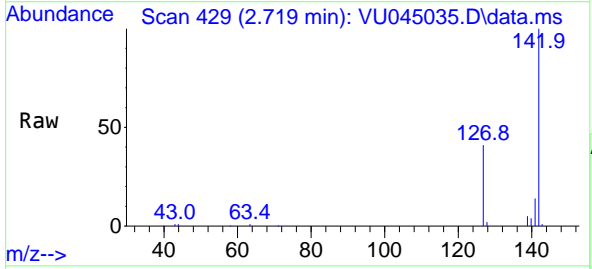
Tgt Ion:101 Resp: 97862

Ion	Ratio	Lower	Upper
101	100		
85	45.0	37.2	55.8
151	69.3	55.8	83.8

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

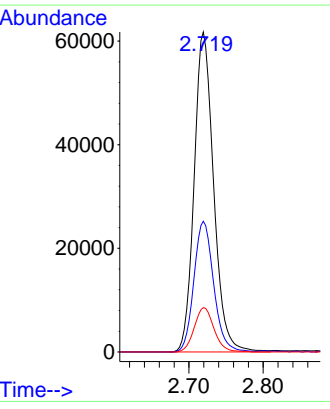
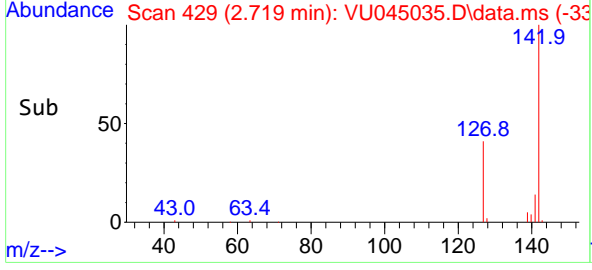


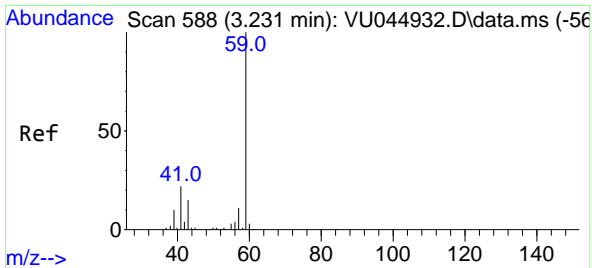
#10  
 Methyl Iodide  
 Concen: 51.968 ug/l  
 RT: 2.719 min Scan# 429  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



Tgt Ion:142 Resp: 112523

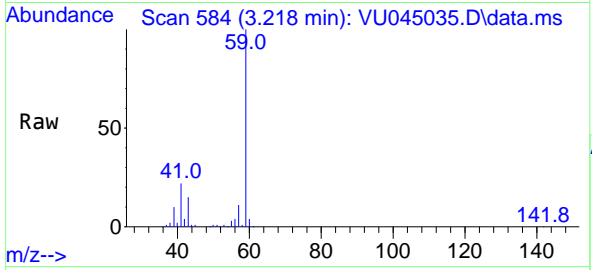
Ion	Ratio	Lower	Upper
142	100		
127	41.5	35.6	53.4
141	14.1	11.3	16.9





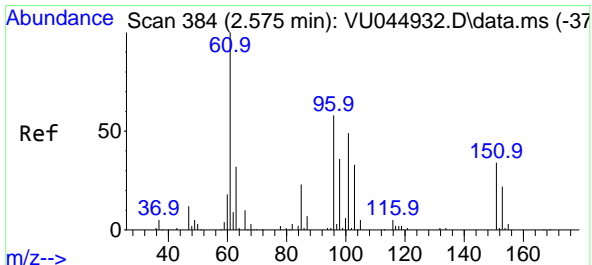
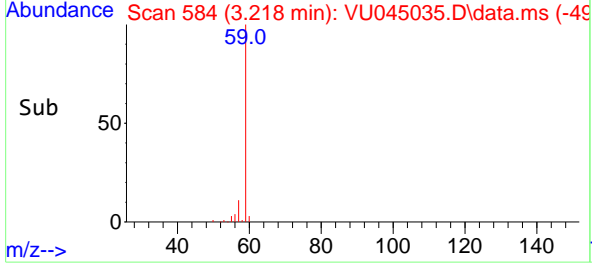
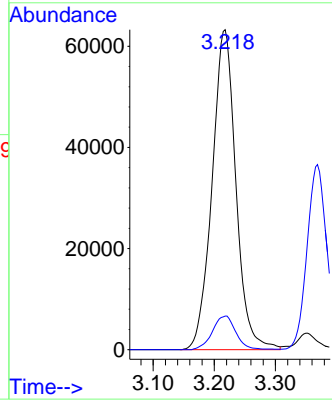
#11  
 Tert butyl alcohol  
 Concen: 212.612 ug/l  
 RT: 3.218 min Scan# 584  
 Delta R.T. -0.013 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

Instrument : MSVOA\_U  
 ClientSampled : VSTDCCC050

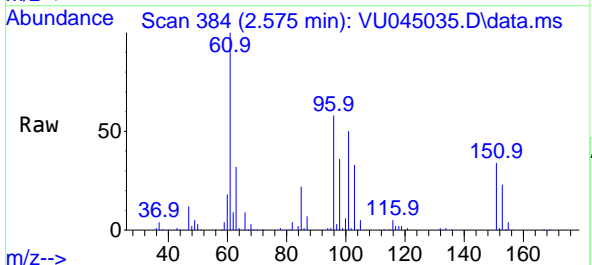


Tgt Ion: 59 Resp: 171314  
 Ion Ratio Lower Upper  
 59 100  
 57 10.3 8.3 12.5

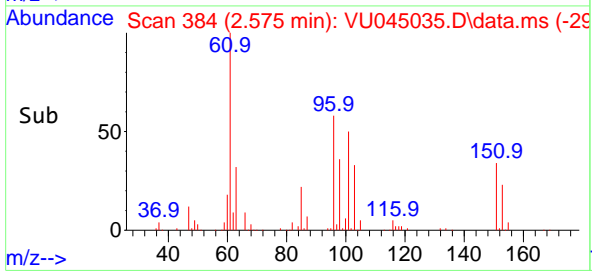
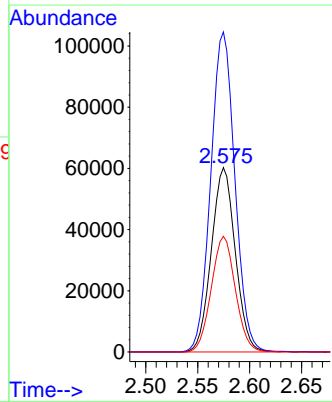
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

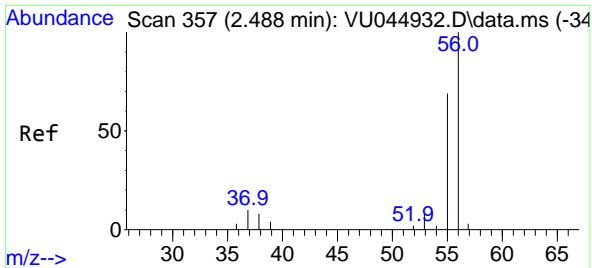


#12  
 1,1-Dichloroethene  
 Concen: 48.328 ug/l  
 RT: 2.575 min Scan# 384  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



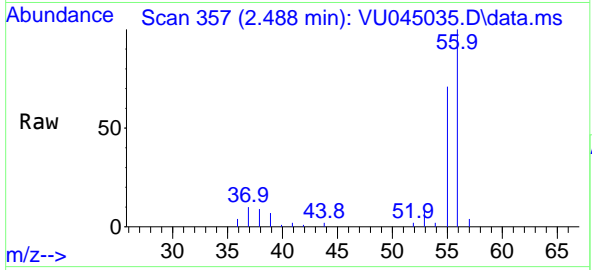
Tgt Ion: 96 Resp: 96637  
 Ion Ratio Lower Upper  
 96 100  
 61 173.6 145.4 218.0  
 98 62.8 50.9 76.3





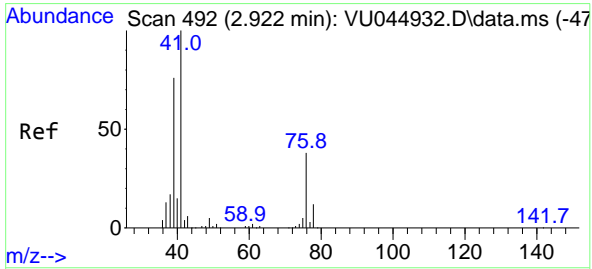
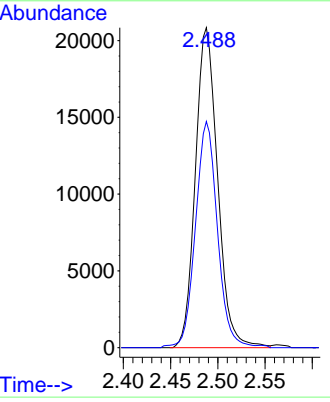
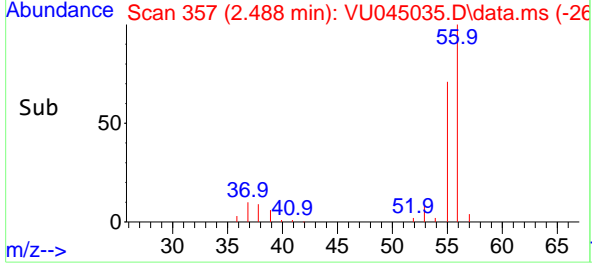
#13  
 Acrolein  
 Concen: 217.665 ug/l  
 RT: 2.488 min Scan# 357  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050

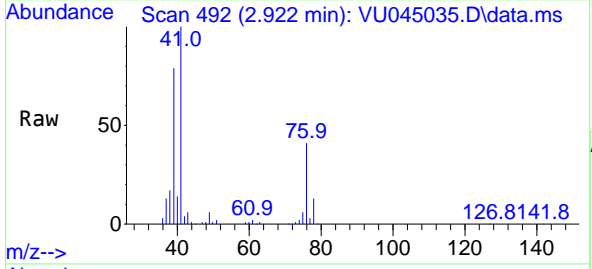


Tgt Ion: 56 Resp: 34132  
 Ion Ratio Lower Upper  
 56 100  
 55 69.6 57.4 86.0

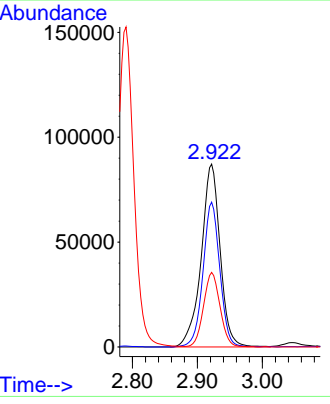
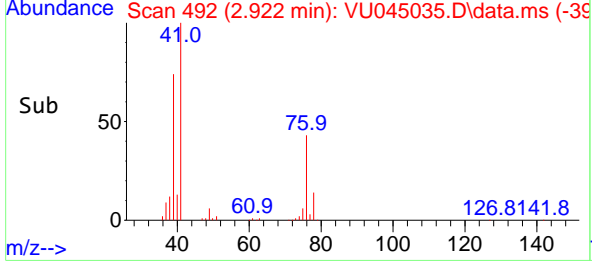
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

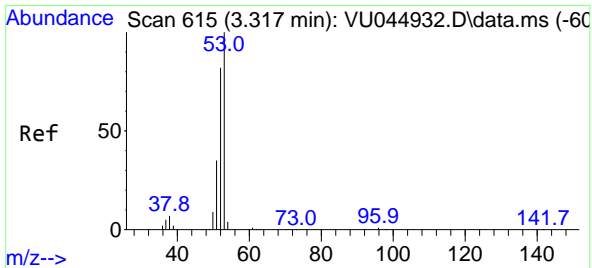


#14  
 Allyl chloride  
 Concen: 47.767 ug/l  
 RT: 2.922 min Scan# 492  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



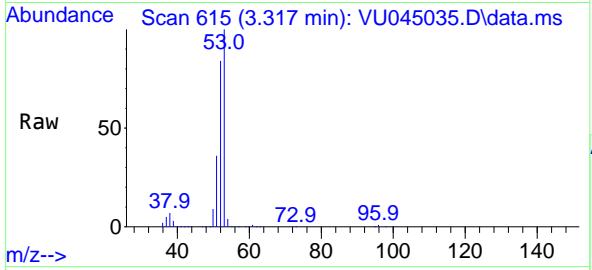
Tgt Ion: 41 Resp: 176763  
 Ion Ratio Lower Upper  
 41 100  
 39 70.2 53.0 79.6  
 76 35.5 25.7 38.5





#15  
 Acrylonitrile  
 Concen: 226.669 ug/l  
 RT: 3.317 min Scan# 615  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

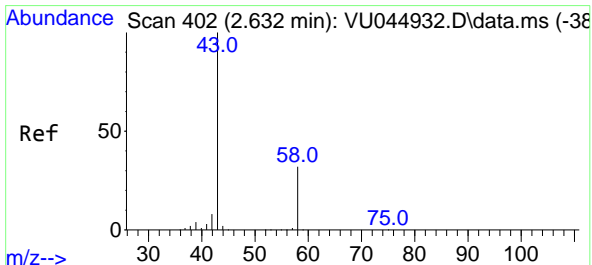
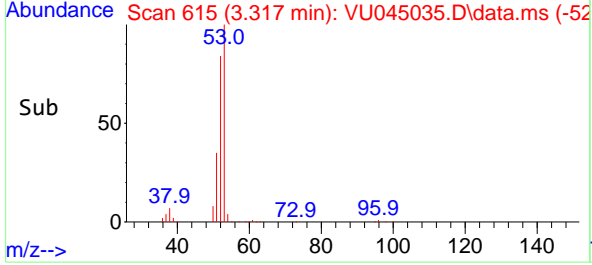
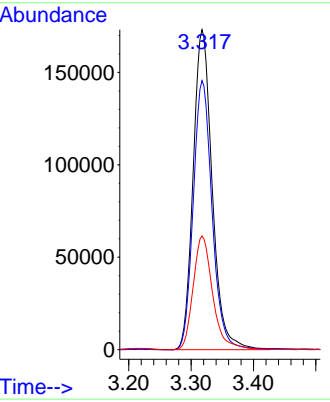
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050



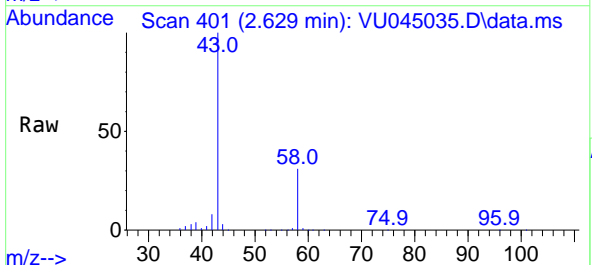
Tgt Ion: 53 Resp: 368343

Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.0	99.0
51	36.5	28.6	42.8

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

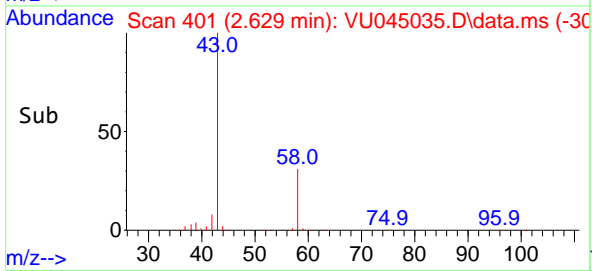
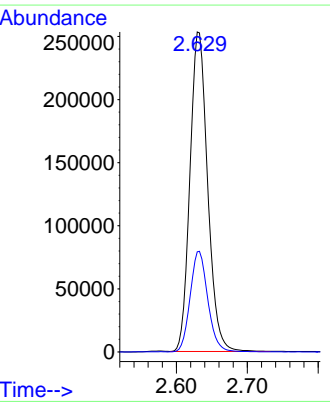


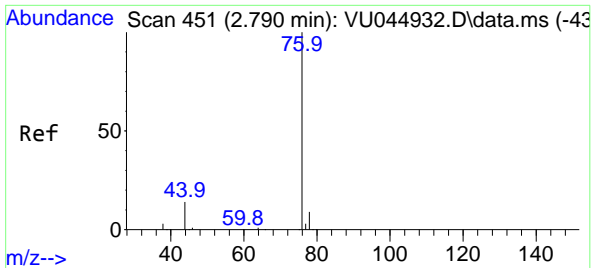
#16  
 Acetone  
 Concen: 262.818 ug/l  
 RT: 2.629 min Scan# 401  
 Delta R.T. -0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



Tgt Ion: 43 Resp: 437976

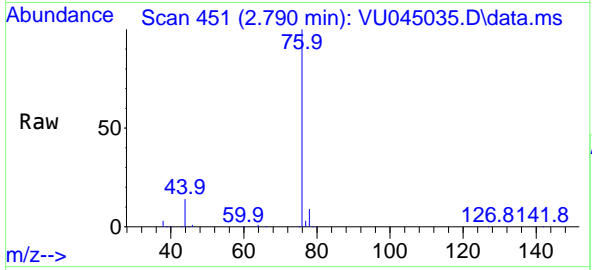
Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.2	37.8





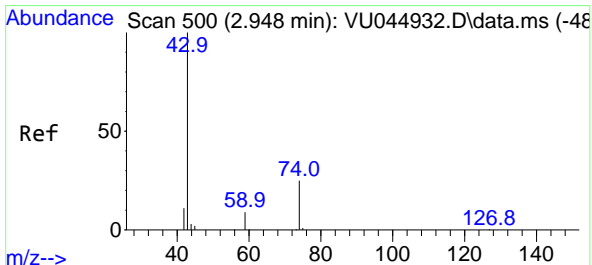
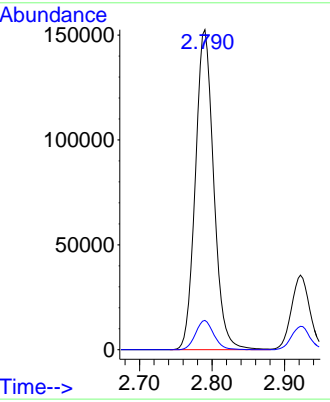
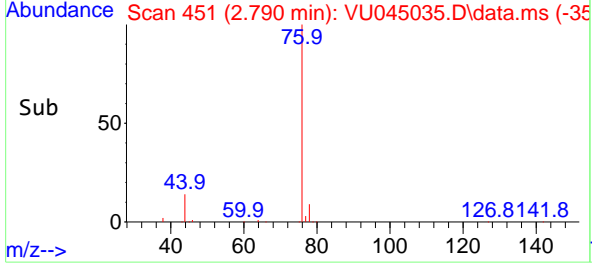
#17  
 Carbon Disulfide  
 Concen: 45.373 ug/l  
 RT: 2.790 min Scan# 451  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050

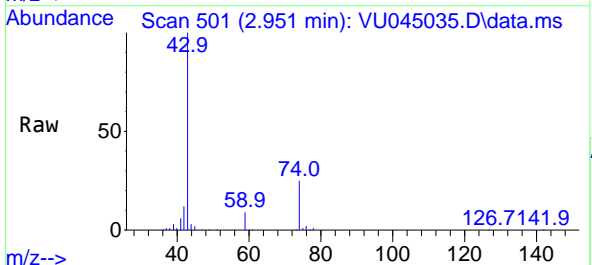


Tgt Ion: 76 Resp: 267828  
 Ion Ratio Lower Upper  
 76 100  
 78 9.2 7.4 11.0

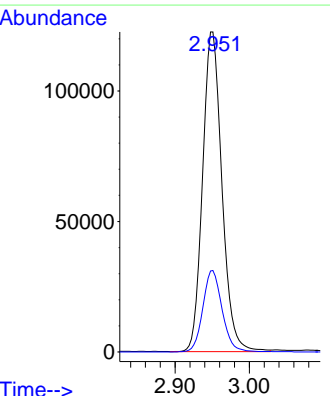
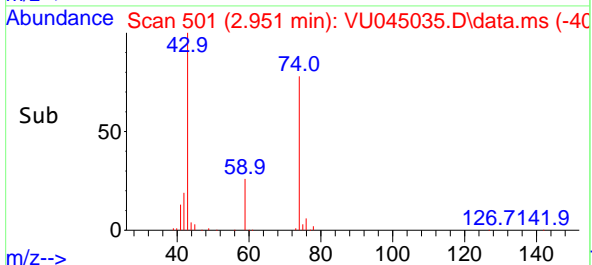
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

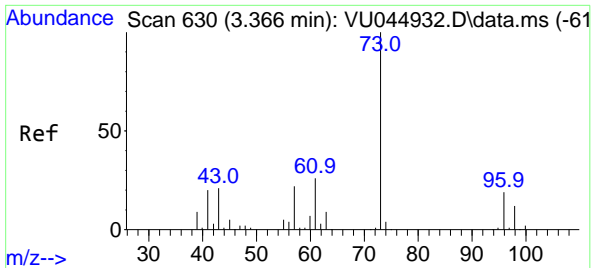


#18  
 Methyl Acetate  
 Concen: 45.447 ug/l  
 RT: 2.951 min Scan# 501  
 Delta R.T. 0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



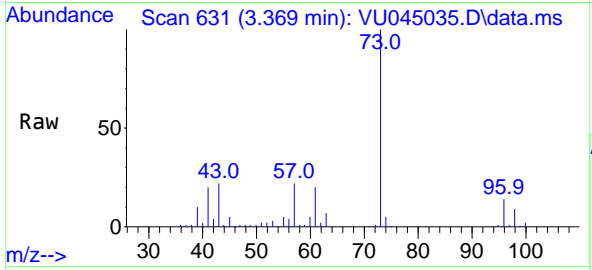
Tgt Ion: 43 Resp: 221350  
 Ion Ratio Lower Upper  
 43 100  
 74 25.5 19.0 28.6





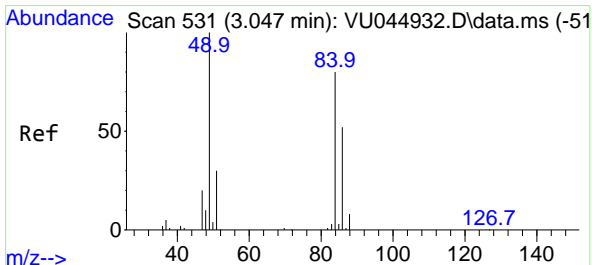
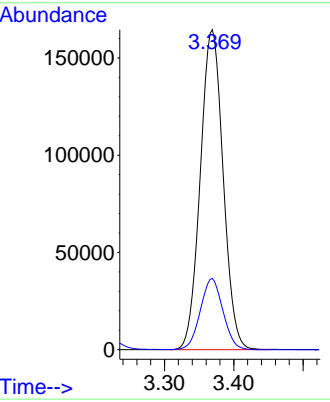
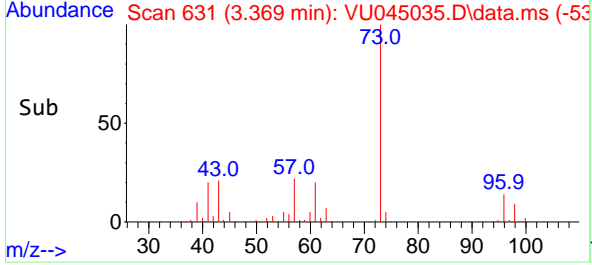
#19  
 Methyl tert-butyl Ether  
 Concen: 48.751 ug/l  
 RT: 3.369 min Scan# 631  
 Delta R.T. 0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDC050

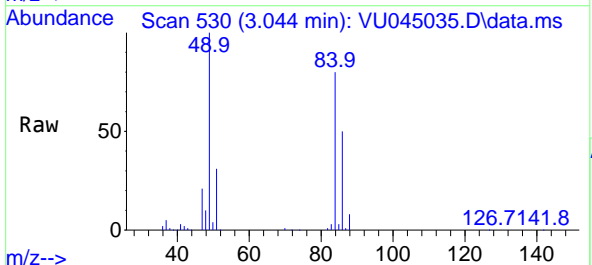


Tgt Ion: 73 Resp: 376311  
 Ion Ratio Lower Upper  
 73 100  
 57 22.2 18.2 27.2

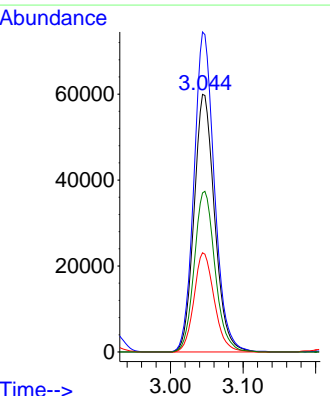
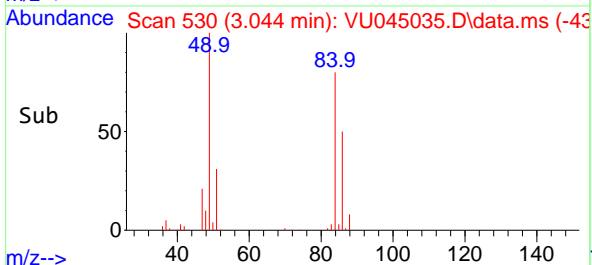
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

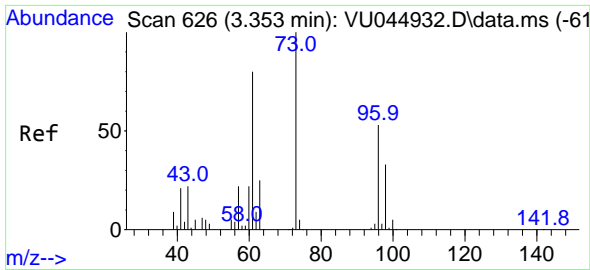


#20  
 Methylene Chloride  
 Concen: 47.187 ug/l  
 RT: 3.044 min Scan# 530  
 Delta R.T. -0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



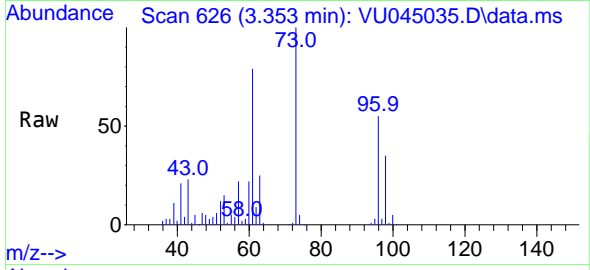
Tgt Ion: 84 Resp: 118443  
 Ion Ratio Lower Upper  
 84 100  
 49 124.3 104.9 157.3  
 51 38.5 31.8 47.8  
 86 61.8 49.8 74.6





#21  
 trans-1,2-Dichloroethene  
 Concen: 47.985 ug/l  
 RT: 3.353 min Scan# 626  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

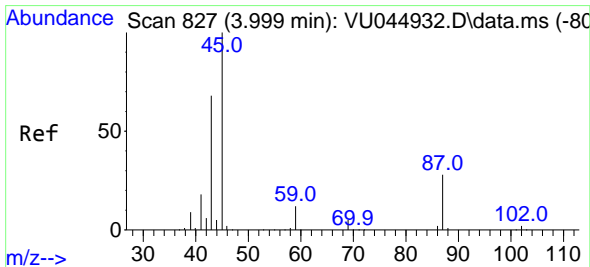
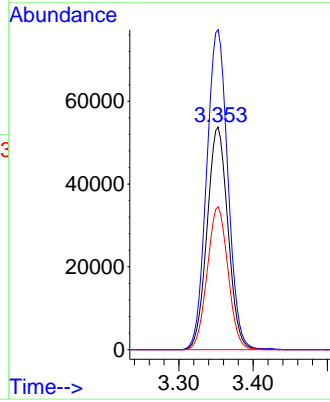
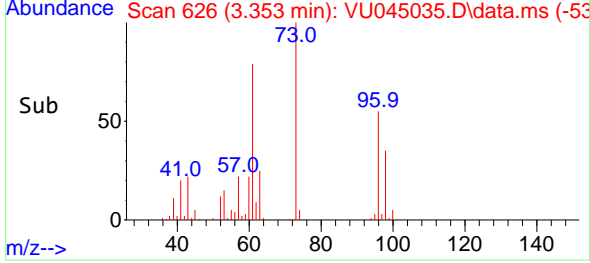
Instrument : MSVOA\_U  
 ClientSampled : VSTDCCC050



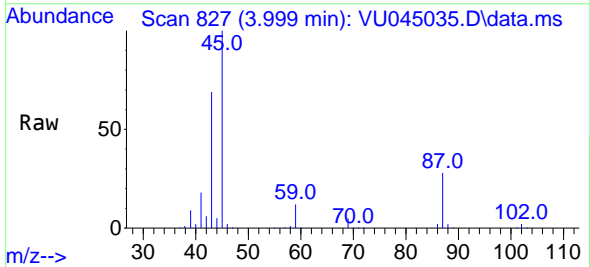
Tgt Ion: 96 Resp: 104964  
 Ion Ratio Lower Upper  
 96 100  
 61 143.8 123.2 184.8  
 98 64.2 51.0 76.6

Manual Integrations  
 APPROVED

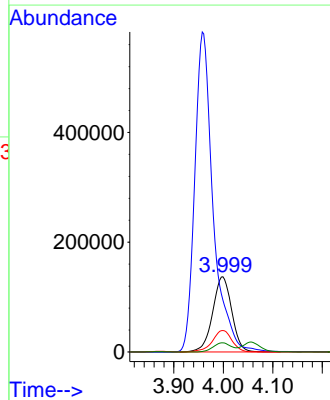
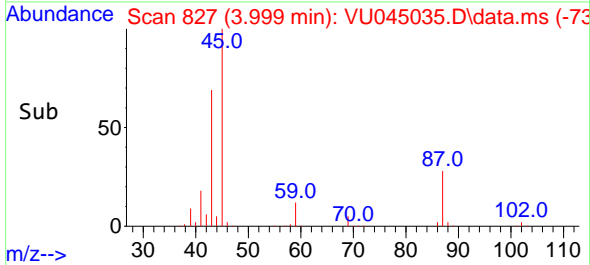
MMDadoda  
 10/1/2021 11:03:27 AM

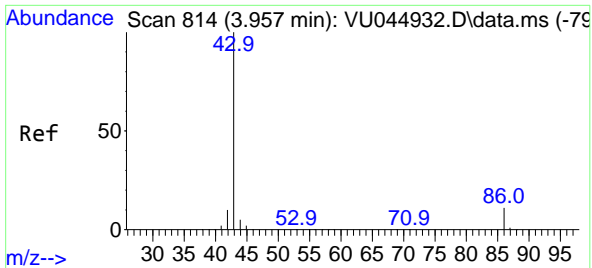


#22  
 Diisopropyl ether  
 Concen: 48.579 ug/l  
 RT: 3.999 min Scan# 827  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



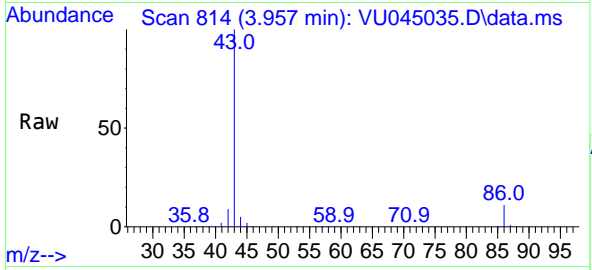
Tgt Ion: 45 Resp: 367020  
 Ion Ratio Lower Upper  
 45 100  
 43 68.2 62.3 93.5  
 87 28.5 21.0 31.4  
 59 12.1 9.5 14.3





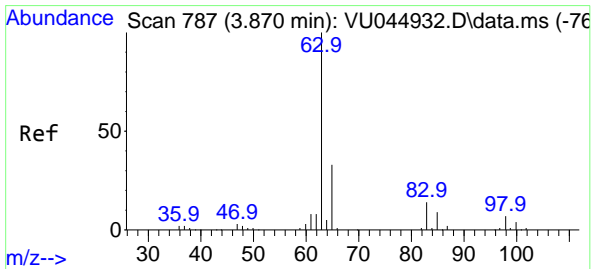
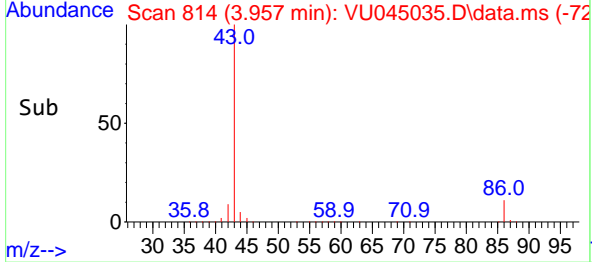
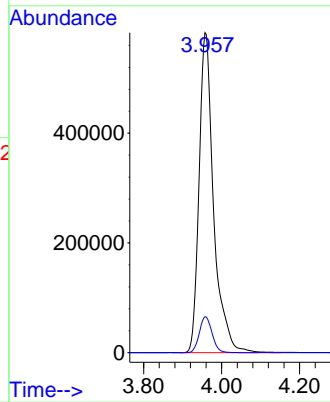
#23  
 Vinyl Acetate  
 Concen: 245.375 ug/l  
 RT: 3.957 min Scan# 814  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050

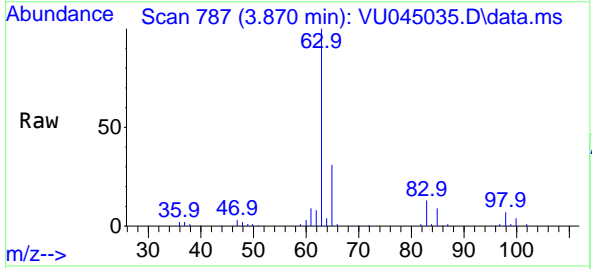


Tgt Ion: 43 Resp: 1507736  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 8.2 12.4

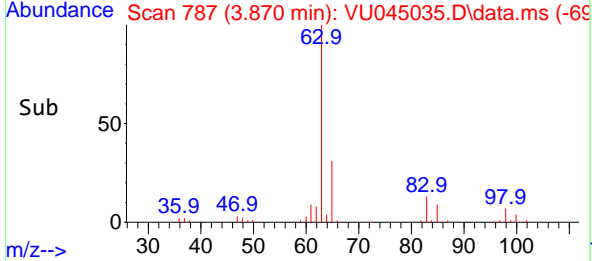
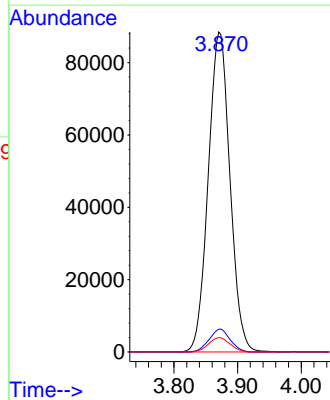
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM



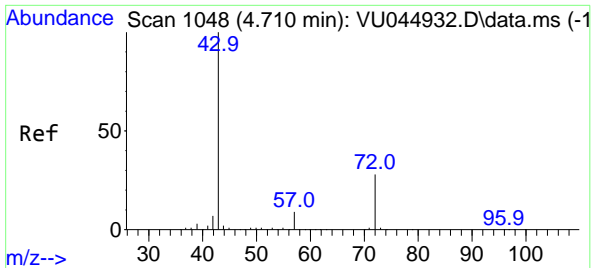
#24  
 1,1-Dichloroethane  
 Concen: 48.225 ug/l  
 RT: 3.870 min Scan# 787  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



Tgt Ion: 63 Resp: 209159  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.5 10.4  
 100 4.5 2.1 6.3

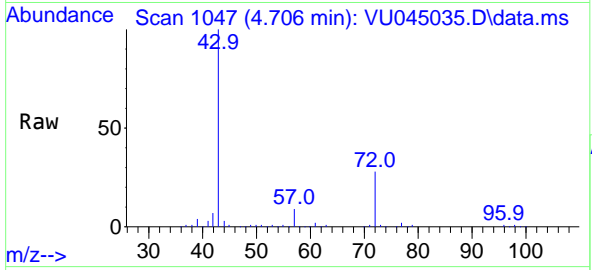






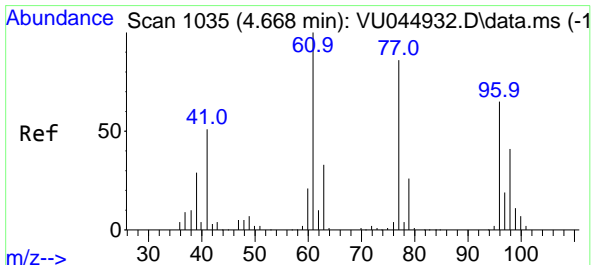
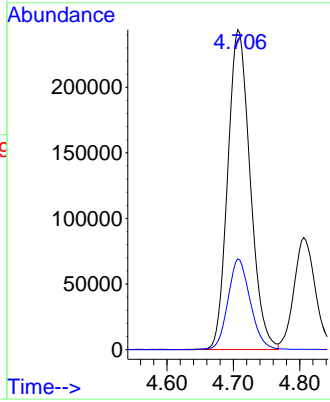
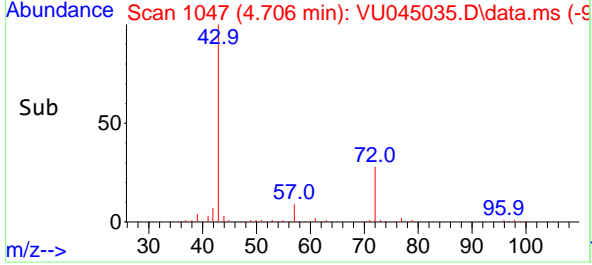
#25  
 2-Butanone  
 Concen: 242.040 ug/l  
 RT: 4.706 min Scan# 1047  
 Delta R.T. -0.004 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050

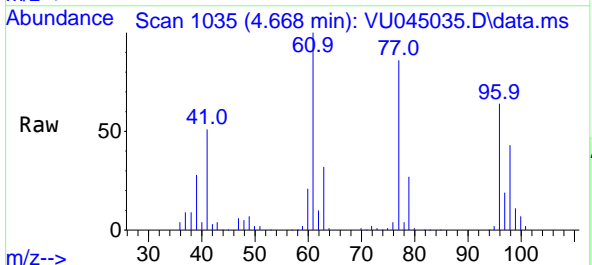


Tgt Ion: 43 Resp: 573067  
 Ion Ratio Lower Upper  
 43 100  
 72 28.4 21.3 31.9

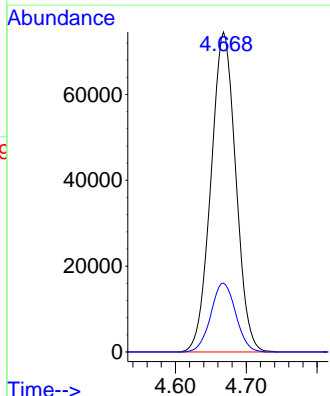
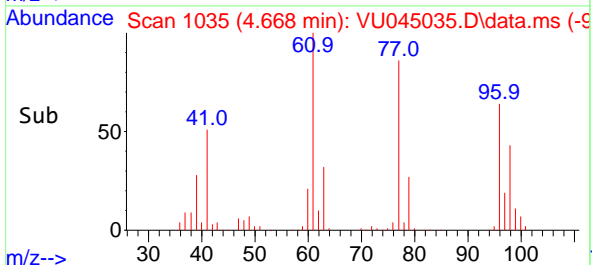
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

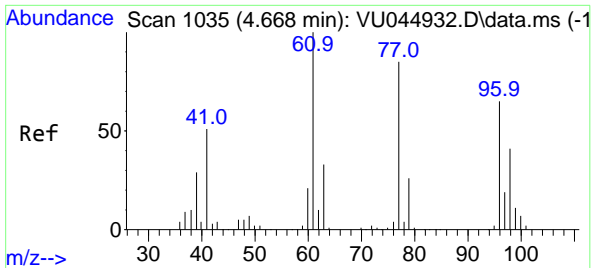


#26  
 2,2-Dichloropropane  
 Concen: 49.511 ug/l  
 RT: 4.668 min Scan# 1035  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



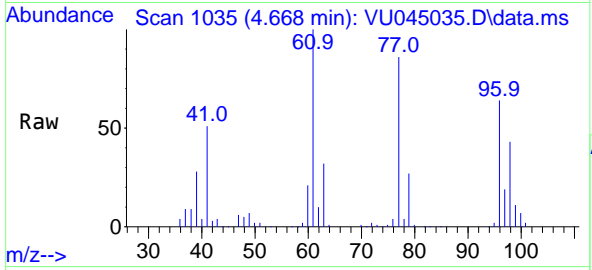
Tgt Ion: 77 Resp: 181548  
 Ion Ratio Lower Upper  
 77 100  
 97 21.6 10.8 32.4





#27  
 cis-1,2-Dichloroethene  
 Concen: 47.695 ug/l  
 RT: 4.668 min Scan# 1035  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

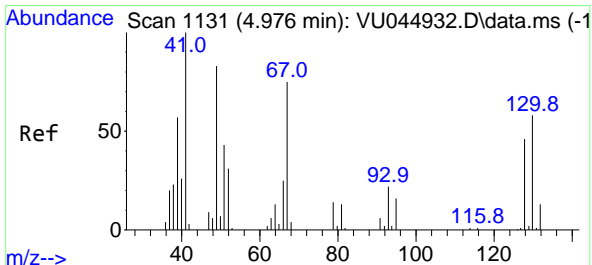
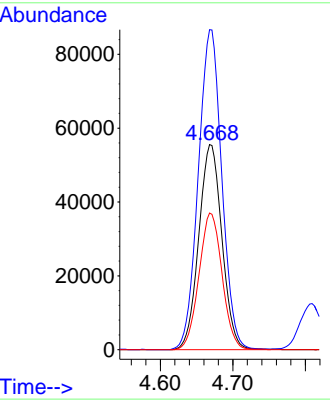
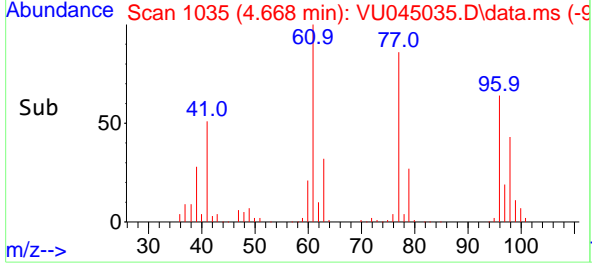
Instrument : MSVOA\_U  
 ClientSampled : VSTDCCC050



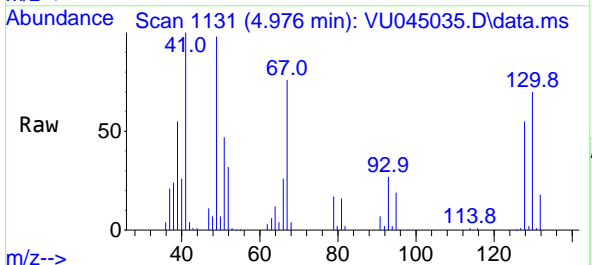
Tgt Ion: 96 Resp: 123220

Ion	Ratio	Lower	Upper
96	100		
61	158.4	0.0	313.4
98	66.5	0.0	127.0

Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

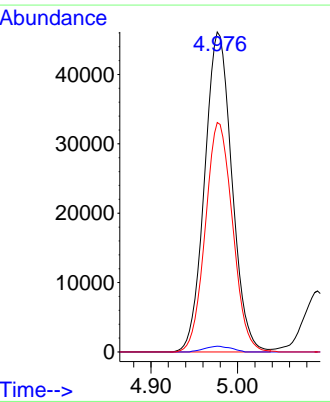
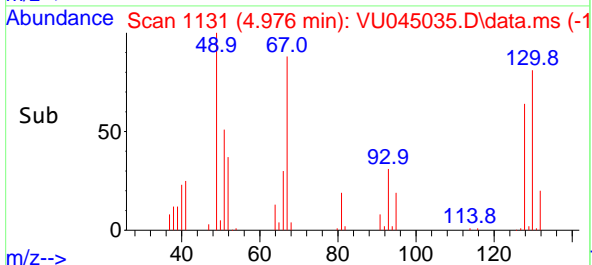


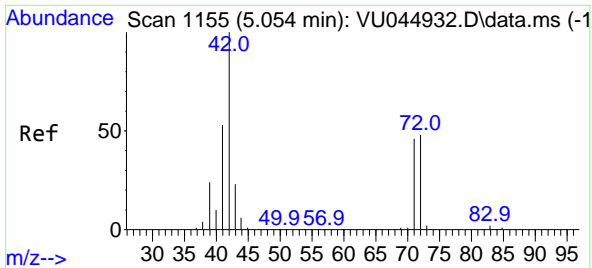
#28  
 Bromochloromethane  
 Concen: 56.147 ug/l  
 RT: 4.976 min Scan# 1131  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



Tgt Ion: 49 Resp: 100931

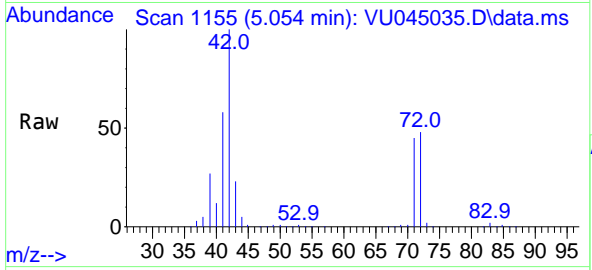
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	71.7	53.4	80.2





#29  
 Tetrahydrofuran  
 Concen: 225.956 ug/l  
 RT: 5.054 min Scan# 1155  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

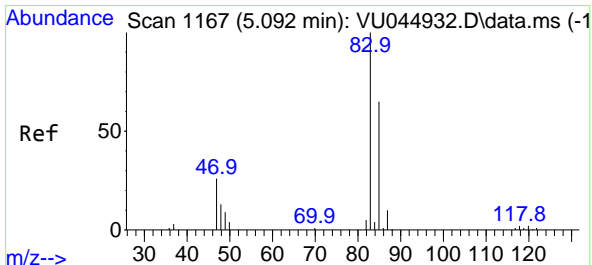
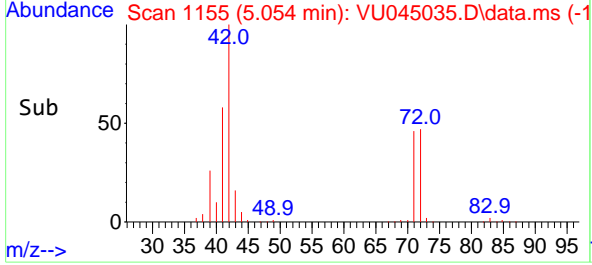
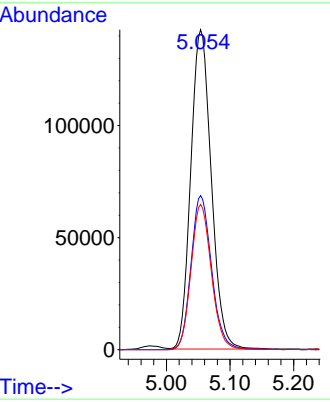
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050



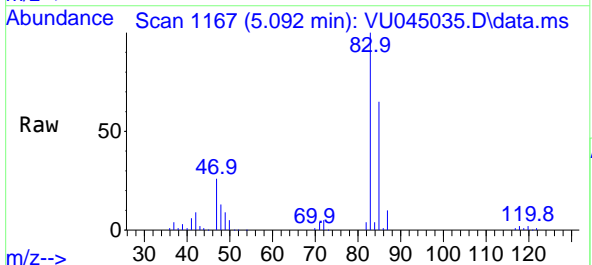
Tgt Ion: 42 Resp: 318465

Ion	Ratio	Lower	Upper
42	100		
72	48.6	36.2	54.4
71	45.2	34.1	51.1

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

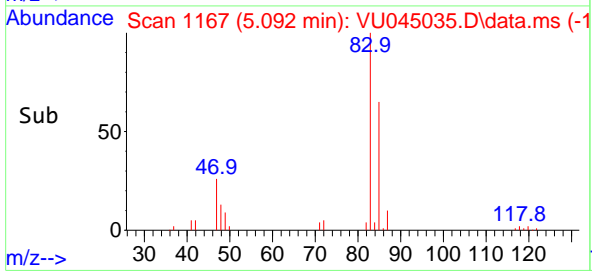
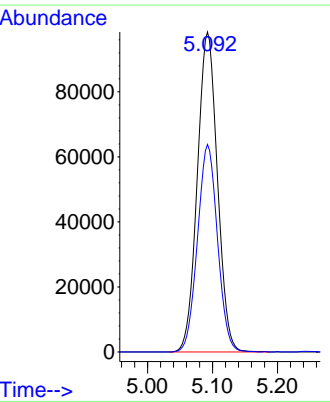


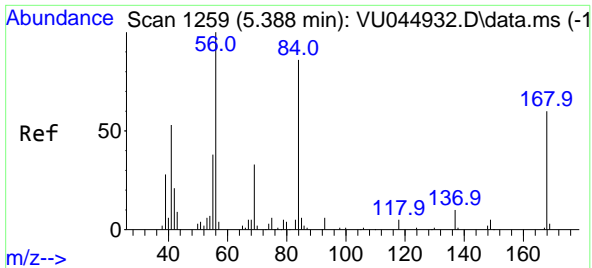
#30  
 Chloroform  
 Concen: 48.405 ug/l  
 RT: 5.092 min Scan# 1167  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



Tgt Ion: 83 Resp: 211593

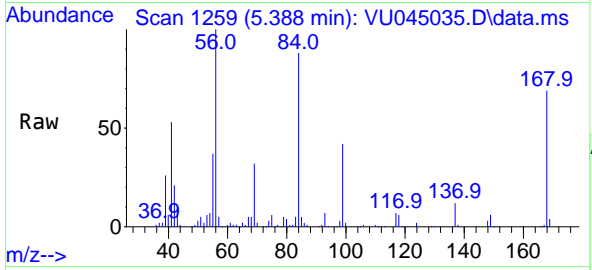
Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.1	78.1





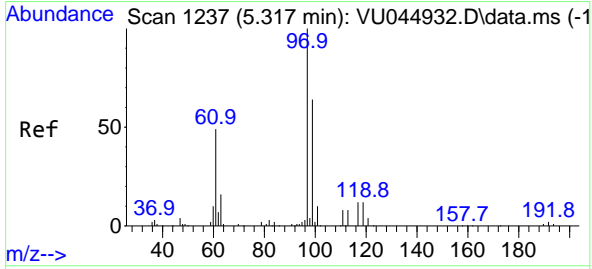
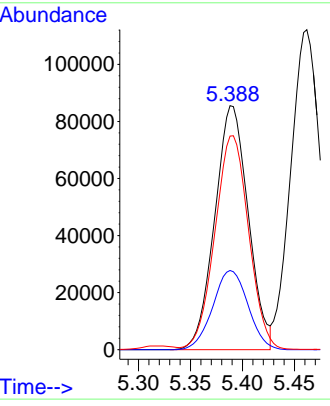
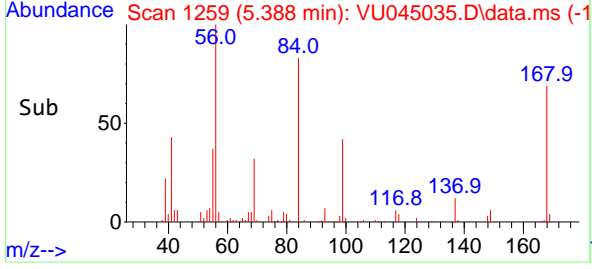
#31  
 Cyclohexane  
 Concen: 44.975 ug/l  
 RT: 5.388 min Scan# 1259  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDCCC050

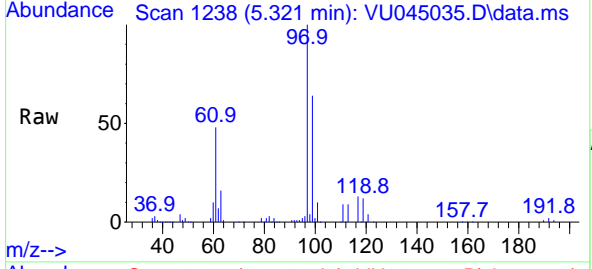


Tgt Ion: 56 Resp: 191801  
 Ion Ratio Lower Upper  
 56 100  
 69 32.4 25.2 37.8  
 84 86.3 66.4 99.6

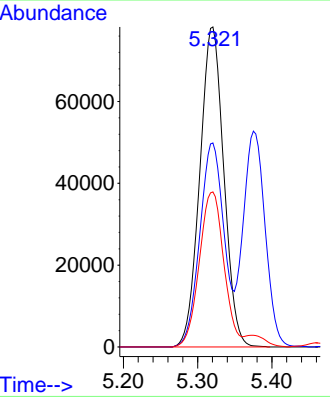
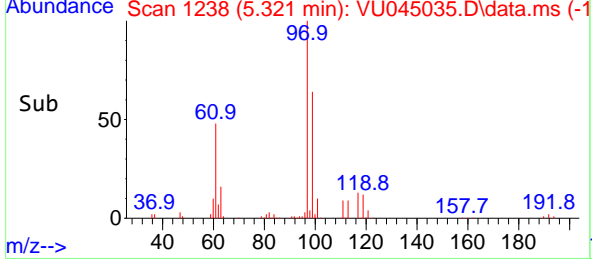
Manual Integrations  
 APPROVED  
 MMDadoda  
 10/1/2021 11:03:27 AM

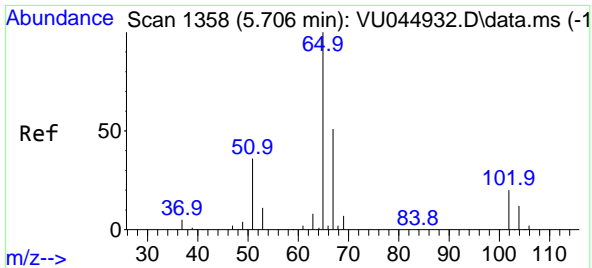


#32  
 1,1,1-Trichloroethane  
 Concen: 48.650 ug/l  
 RT: 5.321 min Scan# 1238  
 Delta R.T. 0.004 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



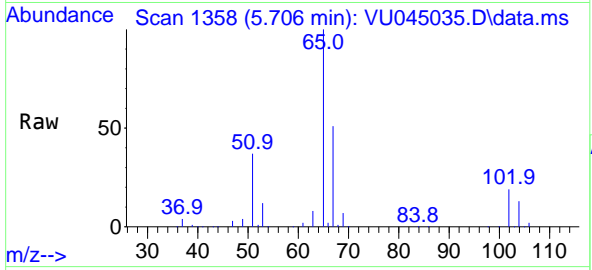
Tgt Ion: 97 Resp: 175473  
 Ion Ratio Lower Upper  
 97 100  
 99 64.9 50.9 76.3  
 61 49.9 40.7 61.1





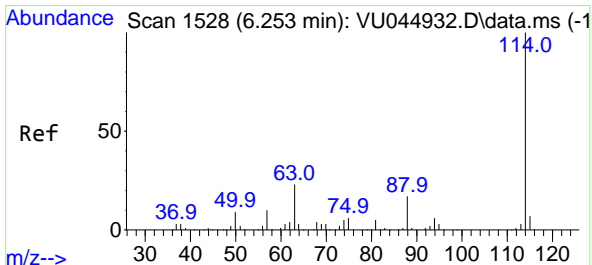
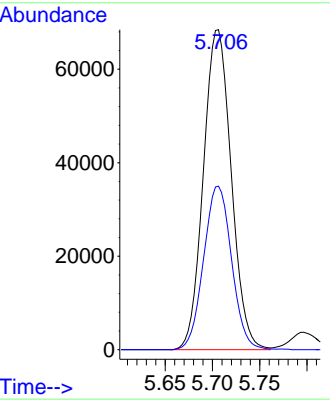
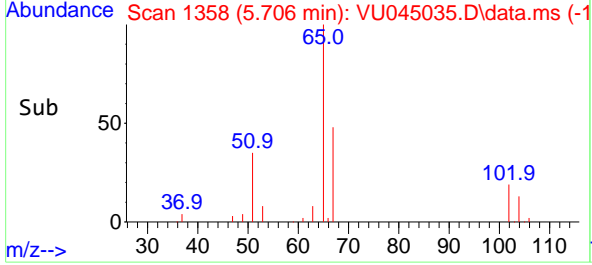
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.026 ug/l  
 RT: 5.706 min Scan# 1358  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050

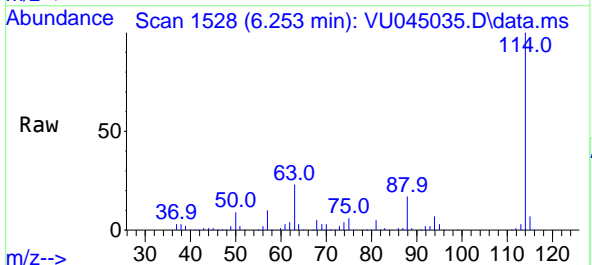


Tgt Ion: 65 Resp: 140446  
 Ion Ratio Lower Upper  
 65 100  
 67 51.3 0.0 104.8

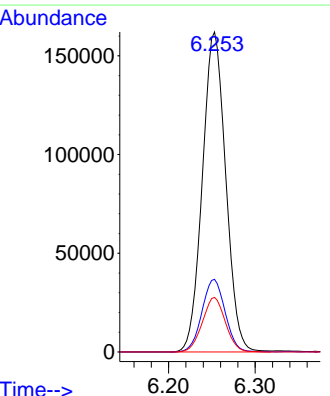
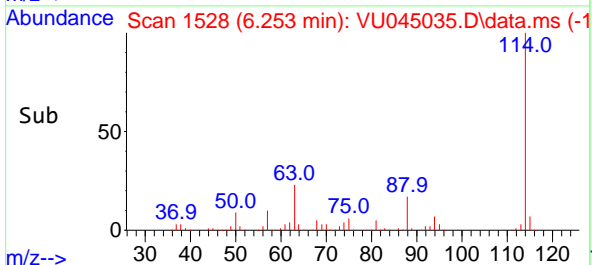
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

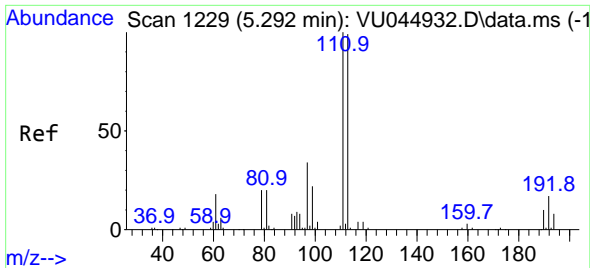


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.253 min Scan# 1528  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



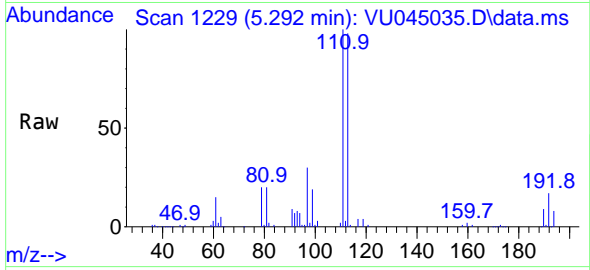
Tgt Ion: 114 Resp: 303896  
 Ion Ratio Lower Upper  
 114 100  
 63 22.7 0.0 47.8  
 88 17.1 0.0 32.8





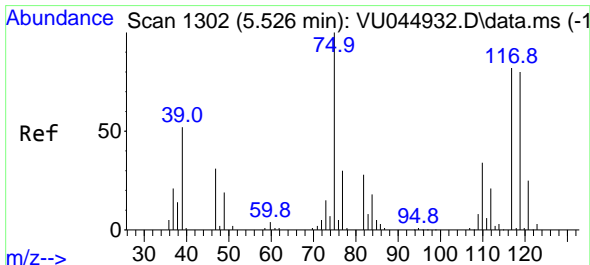
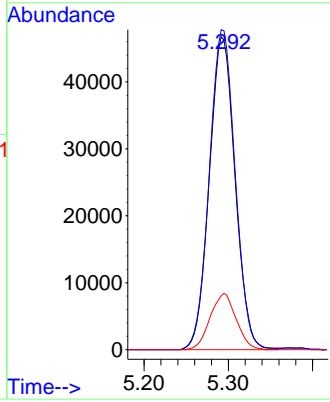
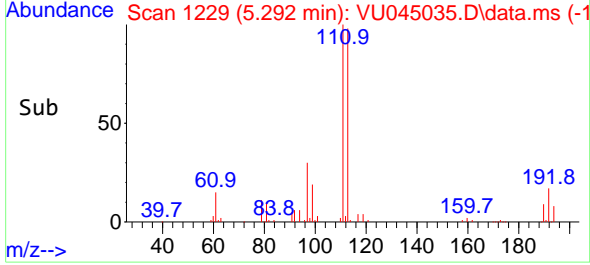
#35  
 Dibromofluoromethane  
 Concen: 51.731 ug/l  
 RT: 5.292 min Scan# 1229  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDCCC050

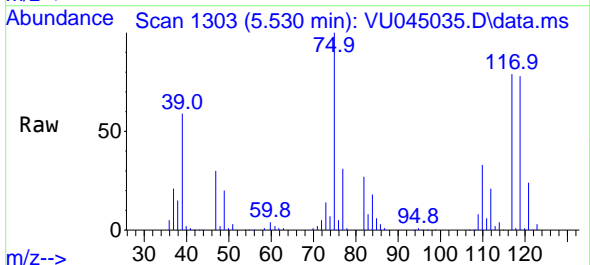


Tgt Ion:113 Resp: 99172  
 Ion Ratio Lower Upper  
 113 100  
 111 102.7 84.1 126.1  
 192 18.1 14.8 22.2

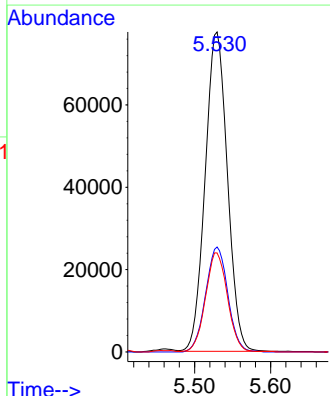
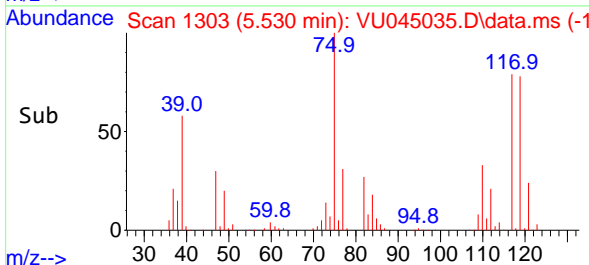
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

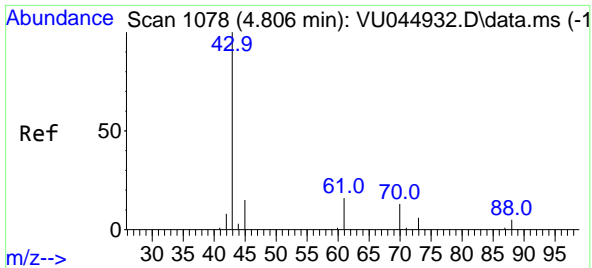


#36  
 1,1-Dichloropropene  
 Concen: 49.634 ug/l  
 RT: 5.530 min Scan# 1303  
 Delta R.T. 0.004 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



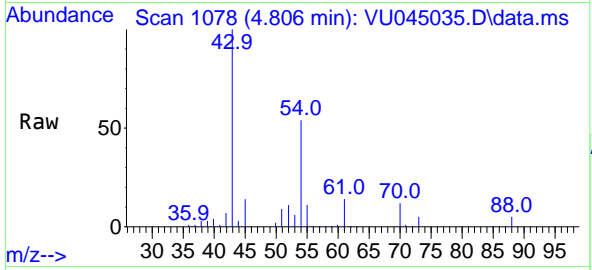
Tgt Ion: 75 Resp: 157739  
 Ion Ratio Lower Upper  
 75 100  
 110 32.8 16.3 48.9  
 77 30.3 25.0 37.4





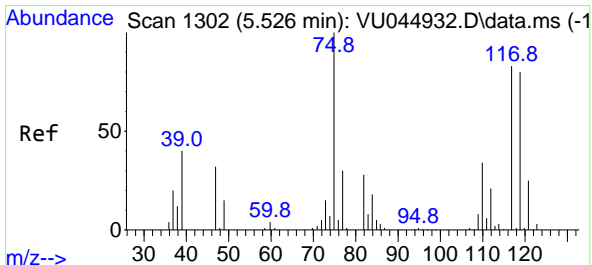
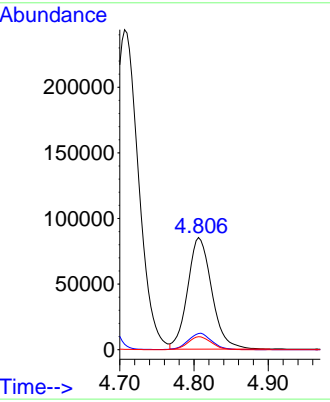
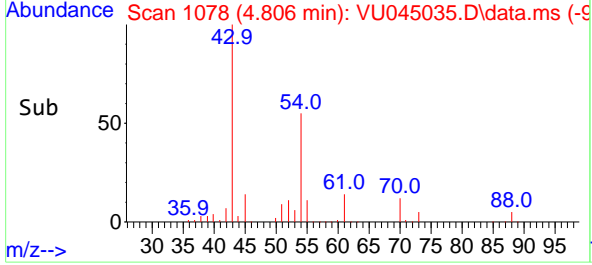
#37  
 Ethyl Acetate  
 Concen: 45.795 ug/l  
 RT: 4.806 min Scan# 1078  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050

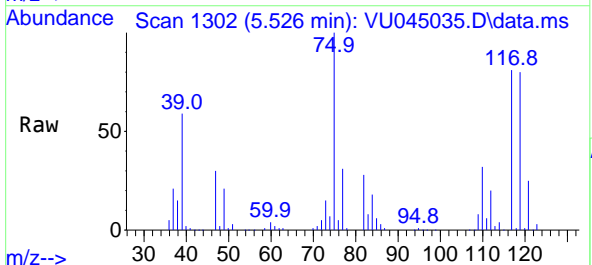


Tgt Ion: 43 Resp: 192565  
 Ion Ratio Lower Upper  
 43 100  
 61 14.0 10.9 16.3  
 70 11.3 8.2 12.4

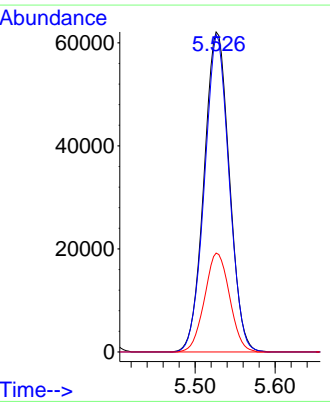
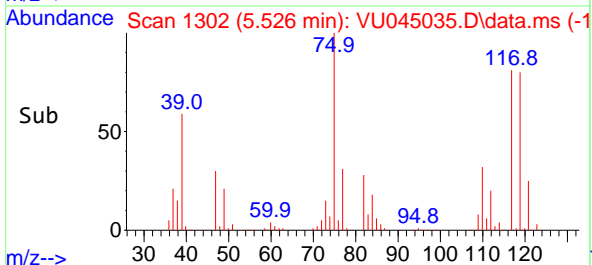
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

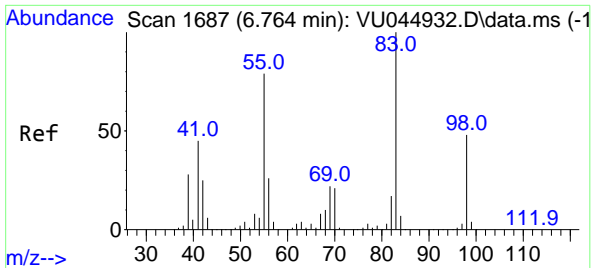


#38  
 Carbon Tetrachloride  
 Concen: 49.557 ug/l  
 RT: 5.526 min Scan# 1302  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



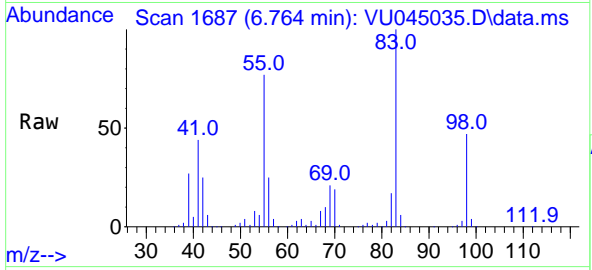
Tgt Ion: 117 Resp: 136281  
 Ion Ratio Lower Upper  
 117 100  
 119 99.1 77.4 116.2  
 121 30.9 24.5 36.7





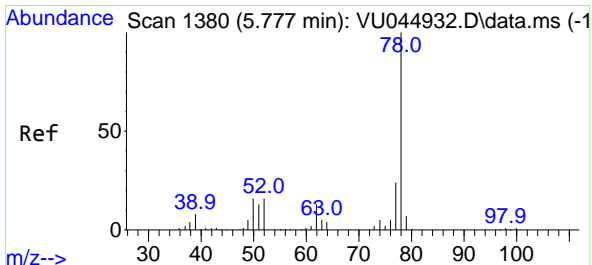
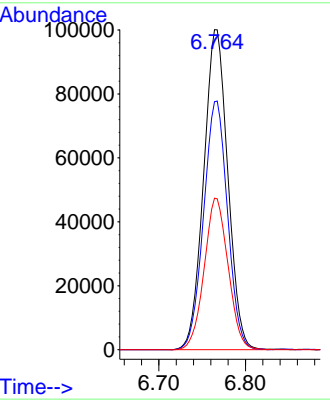
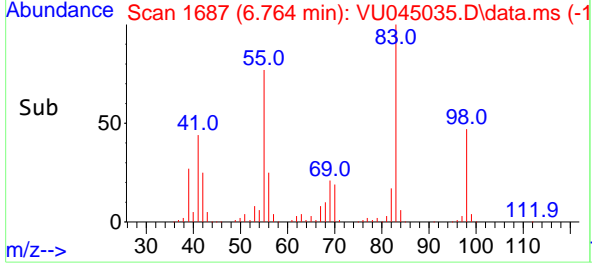
#39  
 Methylcyclohexane  
 Concen: 49.718 ug/l  
 RT: 6.764 min Scan# 1687  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050

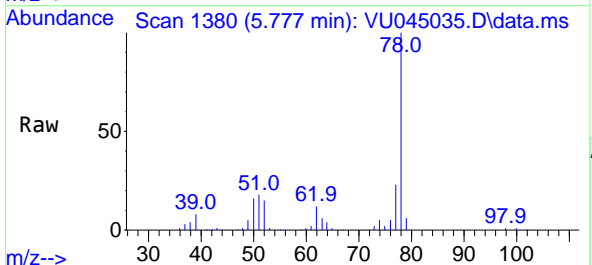


Tgt Ion: 83 Resp: 193972  
 Ion Ratio Lower Upper  
 83 100  
 55 77.5 66.2 99.4  
 98 47.3 37.5 56.3

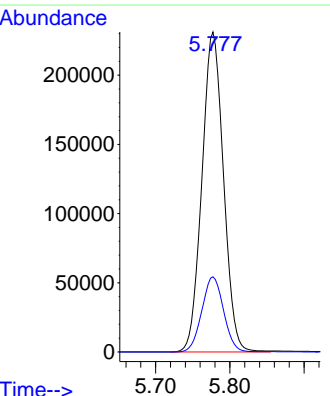
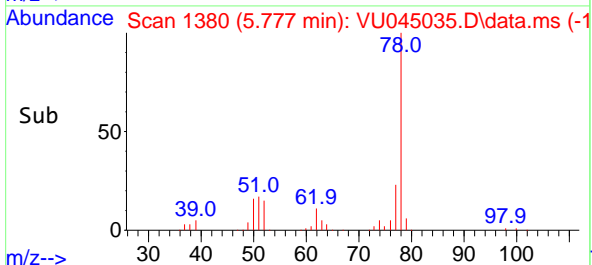
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM



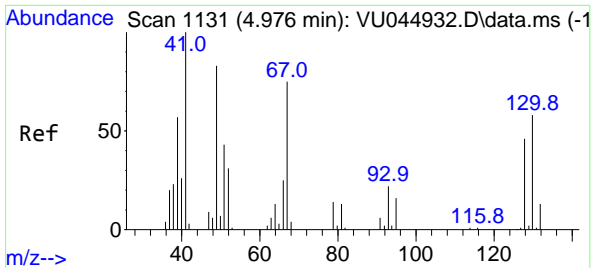
#40  
 Benzene  
 Concen: 49.199 ug/l  
 RT: 5.777 min Scan# 1380  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



Tgt Ion: 78 Resp: 465682  
 Ion Ratio Lower Upper  
 78 100  
 77 23.5 19.1 28.7

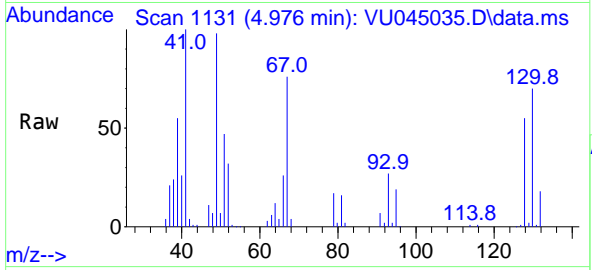






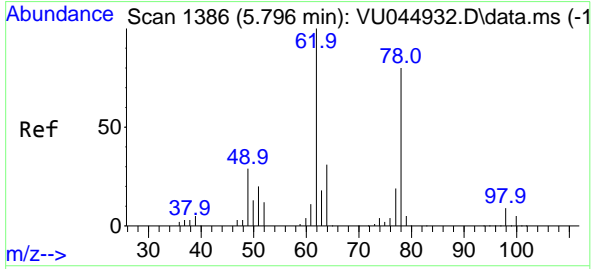
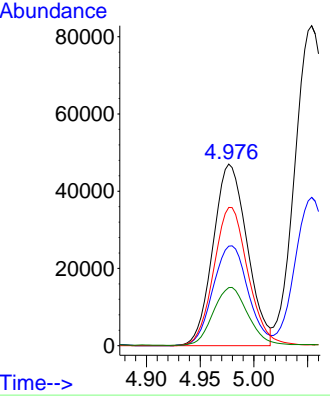
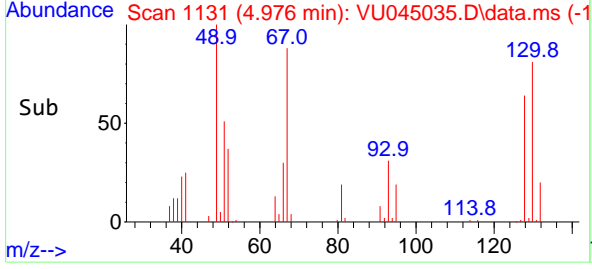
#41  
 Methacrylonitrile  
 Concen: 48.071 ug/l  
 RT: 4.976 min Scan# 1131  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

Instrument : MSVOA\_U  
 ClientSampled : VSTDCCC050

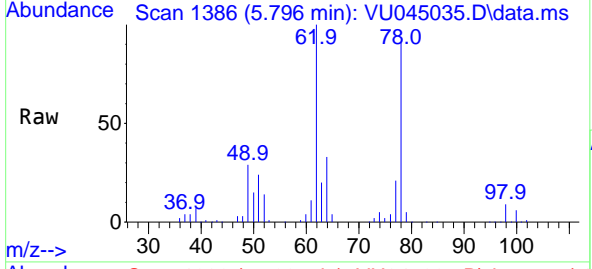


Tgt Ion: 41 Resp: 104061  
 Ion Ratio Lower Upper  
 41 100  
 39 56.5 44.4 66.6  
 67 76.6 58.1 87.1  
 52 32.2 23.8 35.8

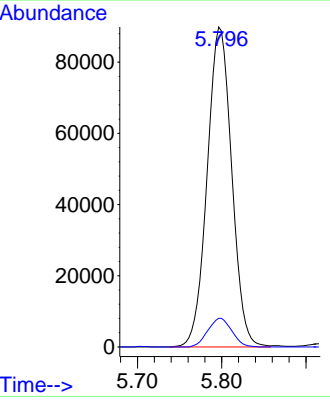
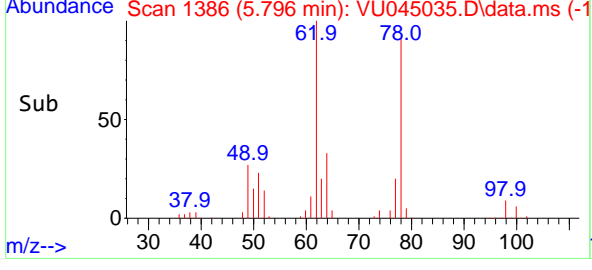
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

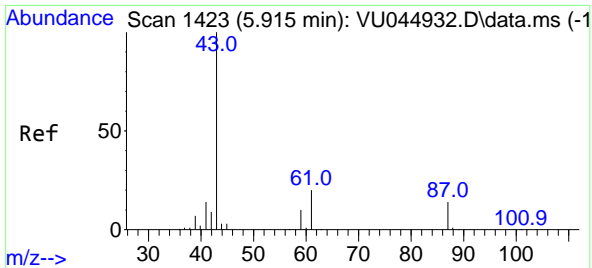


#42  
 1,2-Dichloroethane  
 Concen: 48.845 ug/l  
 RT: 5.796 min Scan# 1386  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



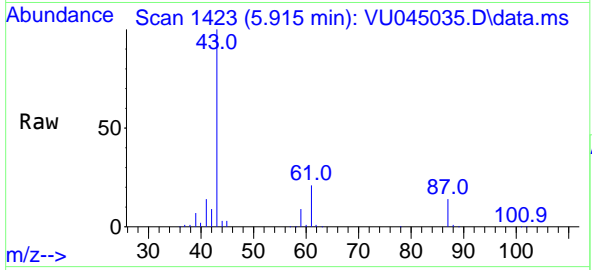
Tgt Ion: 62 Resp: 181716  
 Ion Ratio Lower Upper  
 62 100  
 98 8.7 0.0 17.8





#43  
 Isopropyl Acetate  
 Concen: 48.778 ug/l  
 RT: 5.915 min Scan# 1423  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

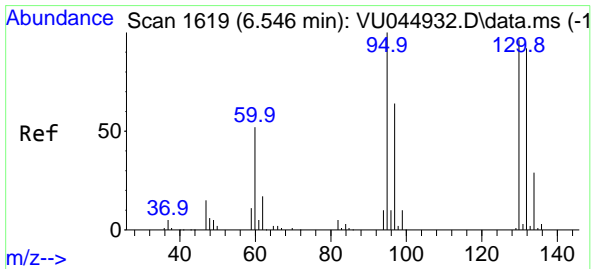
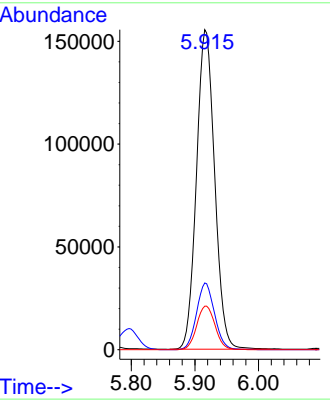
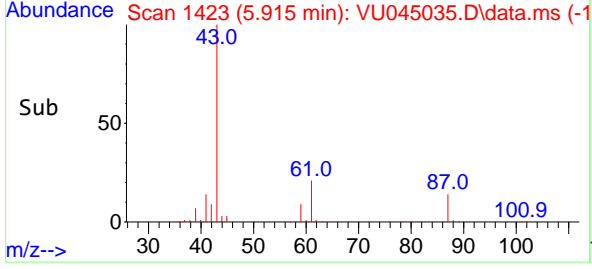
Instrument : MSVOA\_U  
 ClientSampled : VSTDCCC050



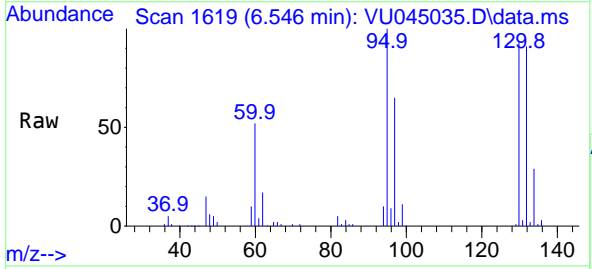
Tgt Ion: 43 Resp: 308572

Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.1	24.1
87	13.8	10.3	15.5

Manual Integrations  
 APPROVED  
 MMDadoda  
 10/1/2021 11:03:27 AM

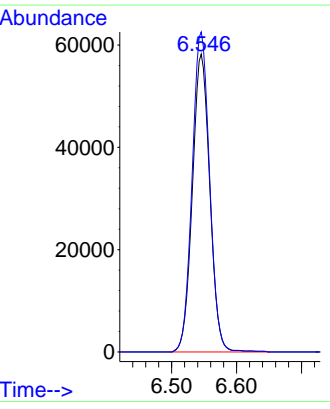
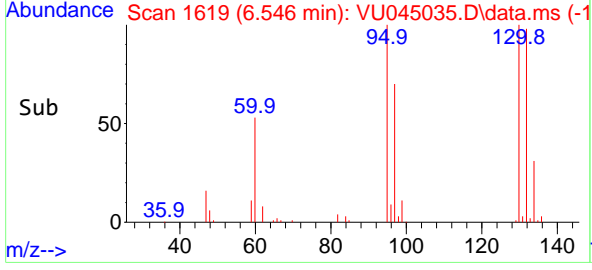


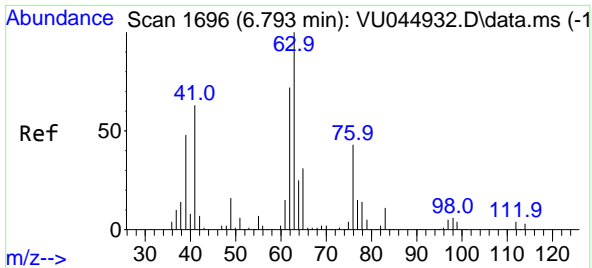
#44  
 Trichloroethene  
 Concen: 48.785 ug/l  
 RT: 6.546 min Scan# 1619  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



Tgt Ion: 130 Resp: 108872

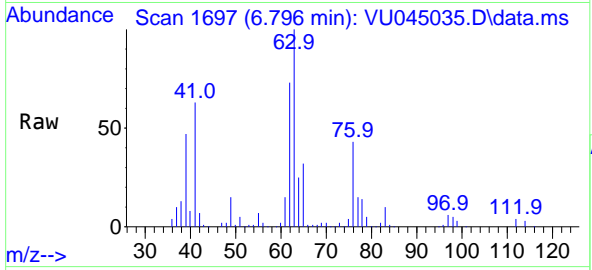
Ion	Ratio	Lower	Upper
130	100		
95	107.4	0.0	209.0





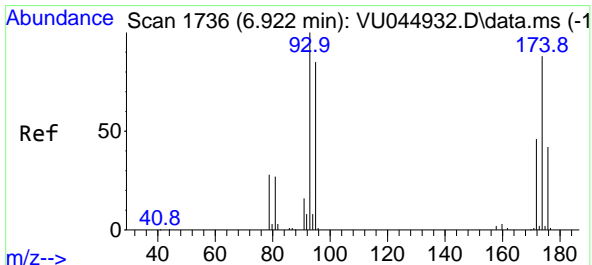
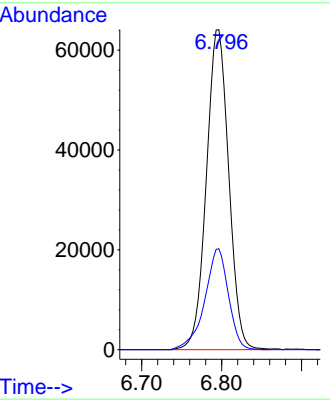
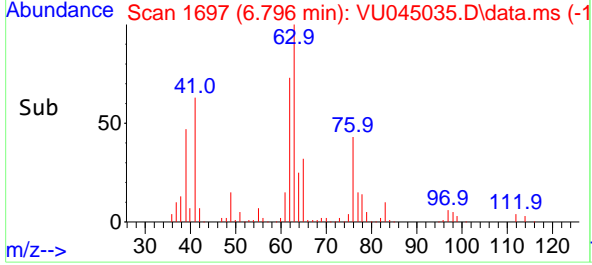
#45  
 1,2-Dichloropropane  
 Concen: 49.524 ug/l  
 RT: 6.796 min Scan# 1697  
 Delta R.T. 0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050

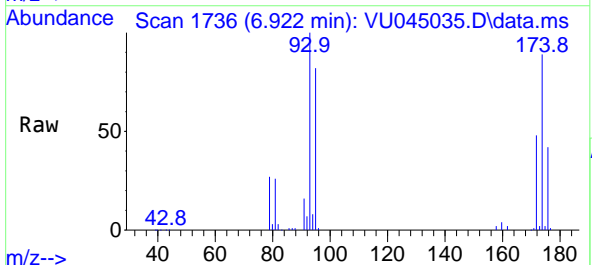


Tgt Ion: 63 Resp: 124278  
 Ion Ratio Lower Upper  
 63 100  
 65 31.6 23.9 35.9

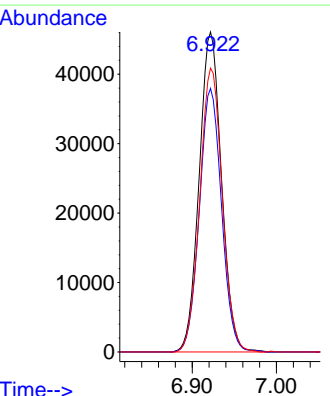
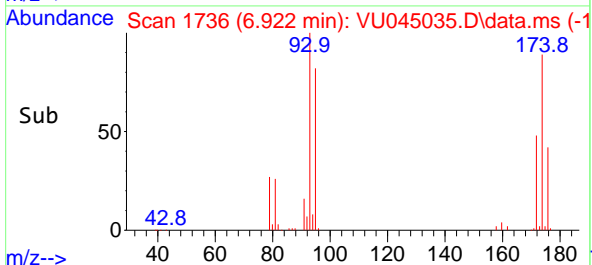
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

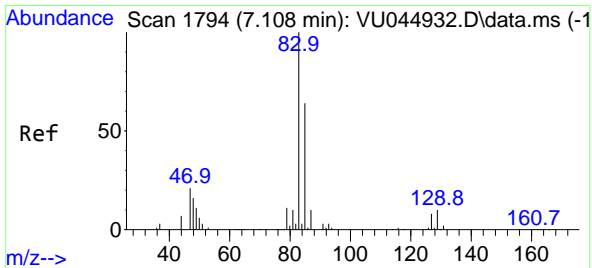


#46  
 Dibromomethane  
 Concen: 50.066 ug/l  
 RT: 6.922 min Scan# 1736  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



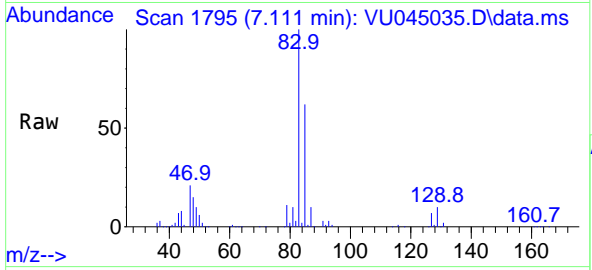
Tgt Ion: 93 Resp: 84638  
 Ion Ratio Lower Upper  
 93 100  
 95 82.0 65.6 98.4  
 174 89.4 70.7 106.1





#47  
 Bromodichloromethane  
 Concen: 51.796 ug/l  
 RT: 7.111 min Scan# 1795  
 Delta R.T. 0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

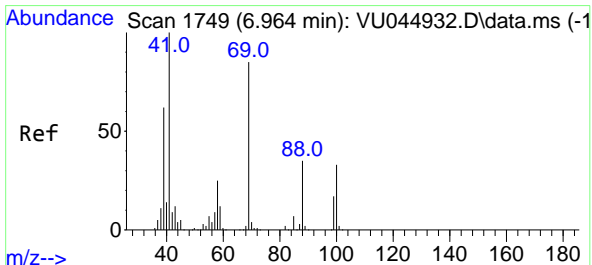
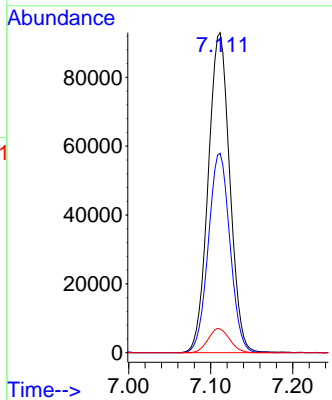
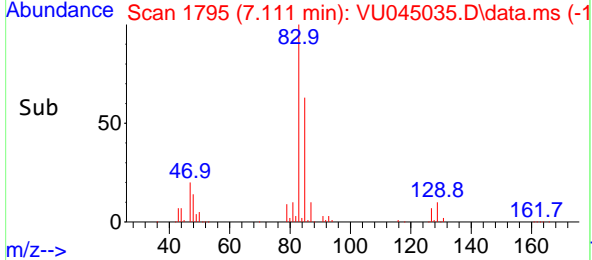
Instrument : MSVOA\_U  
 Client Sampled : VSTDCCC050



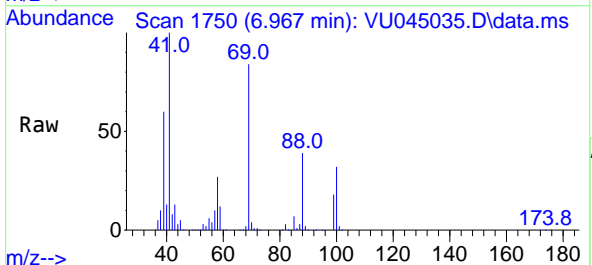
Tgt Ion: 83 Resp: 170014

Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.6	77.4
127	7.4	6.2	9.4

Manual Integrations APPROVED  
 MMDadoda  
 10/1/2021 11:03:27 AM

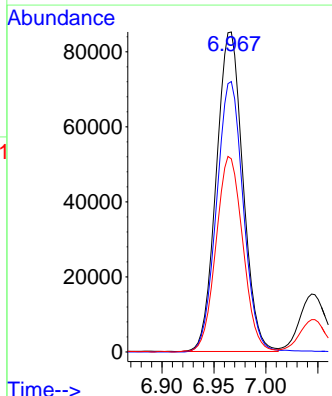
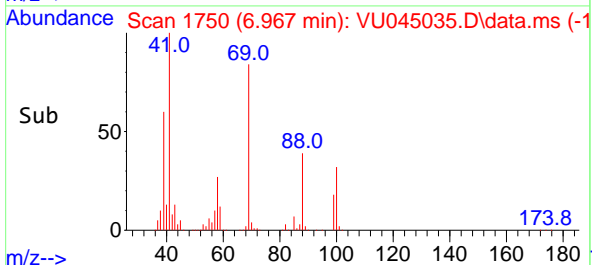


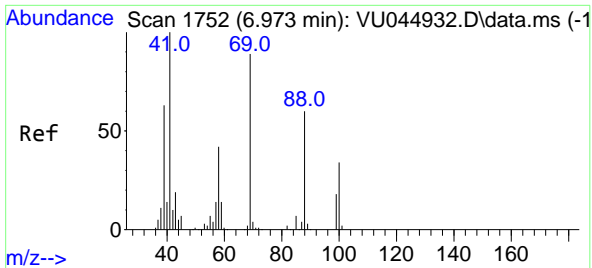
#48  
 Methyl methacrylate  
 Concen: 49.284 ug/l  
 RT: 6.967 min Scan# 1750  
 Delta R.T. 0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



Tgt Ion: 41 Resp: 151756

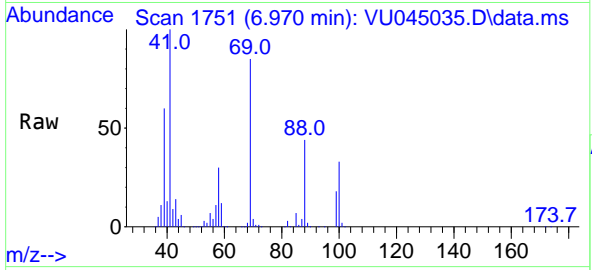
Ion	Ratio	Lower	Upper
41	100		
69	85.4	65.6	98.4
39	61.9	46.2	69.4





#49  
 1,4-Dioxane  
 Concen: 852.000 ug/l  
 RT: 6.970 min Scan# 1751  
 Delta R.T. -0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

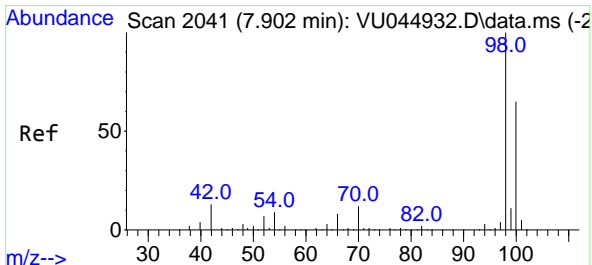
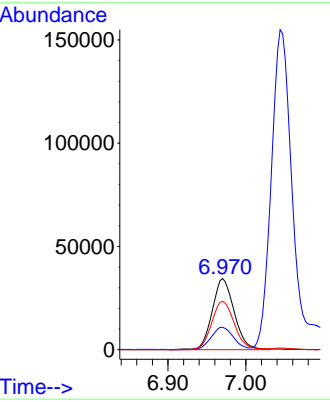
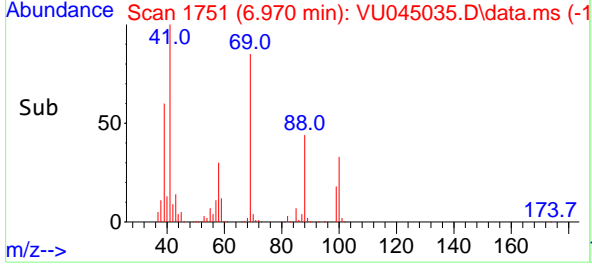
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050



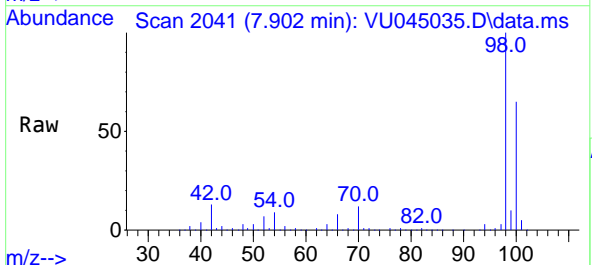
Tgt Ion: 88 Resp: 67255

Ion	Ratio	Lower	Upper
88	100		
43	31.4	25.8	38.6
58	70.0	61.3	91.9

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

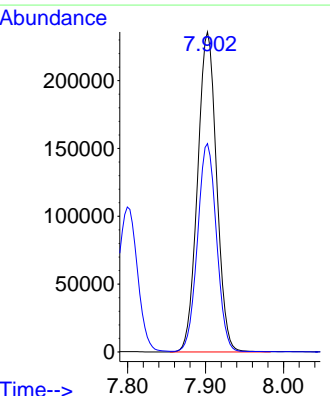
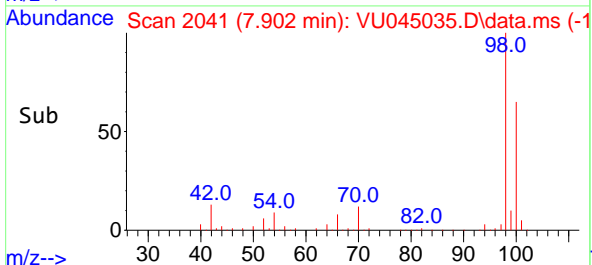


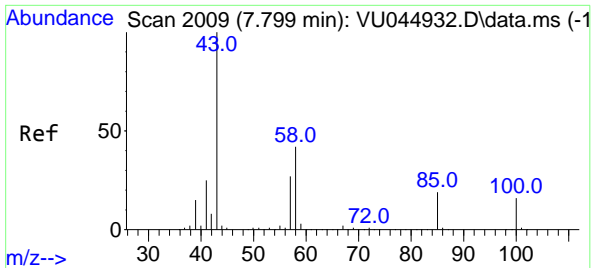
#50  
 Toluene-d8  
 Concen: 52.777 ug/l  
 RT: 7.902 min Scan# 2041  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



Tgt Ion: 98 Resp: 399773

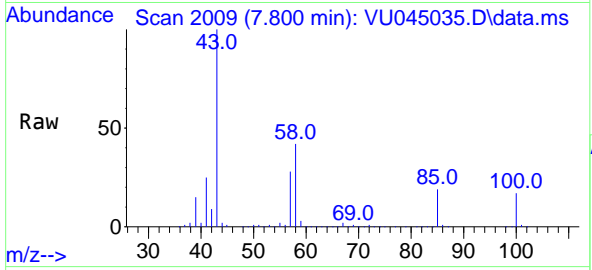
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.5	78.7





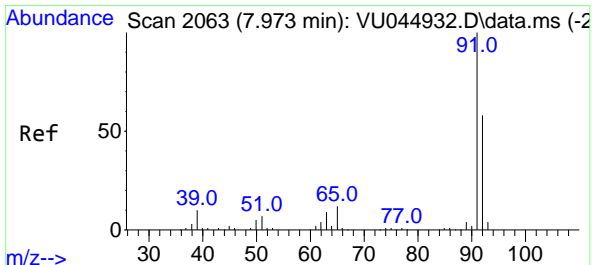
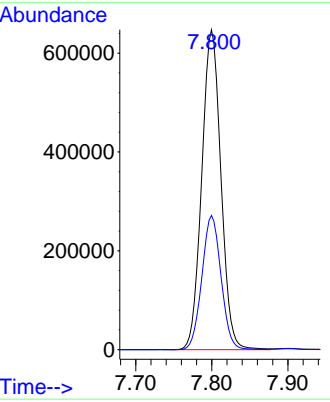
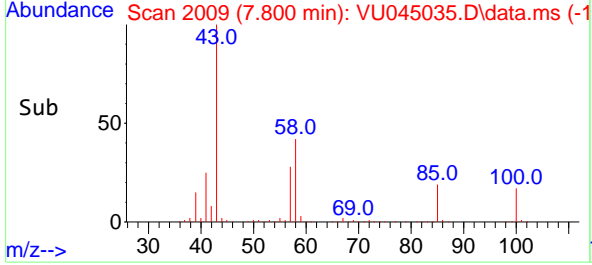
#51  
 4-Methyl-2-Pentanone  
 Concen: 245.796 ug/l  
 RT: 7.800 min Scan# 2009  
 Delta R.T. 0.001 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050

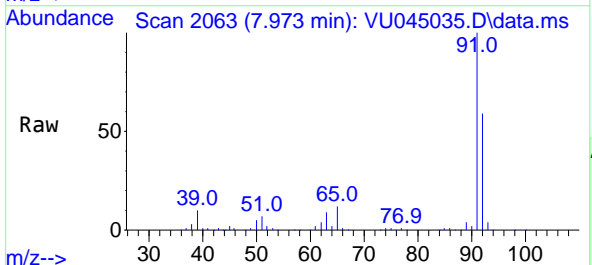


Tgt Ion: 43 Resp: 1131997  
 Ion Ratio Lower Upper  
 43 100  
 58 41.9 32.4 48.6

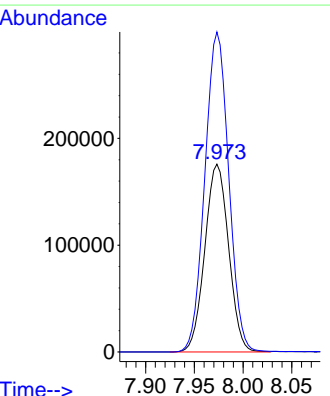
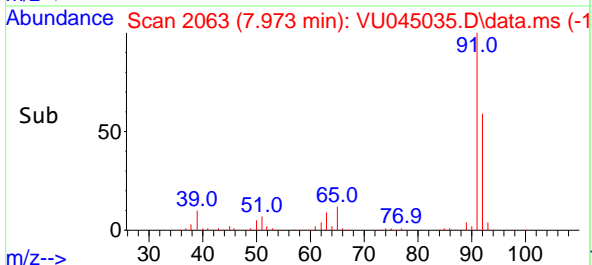
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

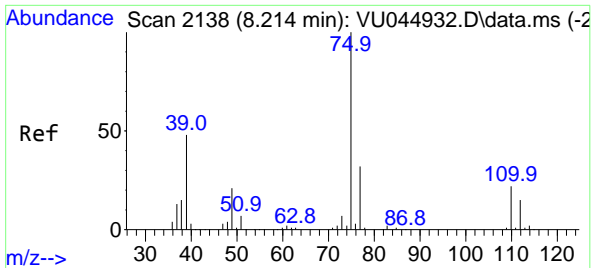


#52  
 Toluene  
 Concen: 50.502 ug/l  
 RT: 7.973 min Scan# 2063  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



Tgt Ion: 92 Resp: 299176  
 Ion Ratio Lower Upper  
 92 100  
 91 170.7 136.9 205.3



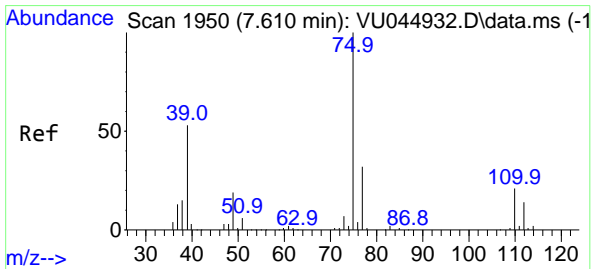
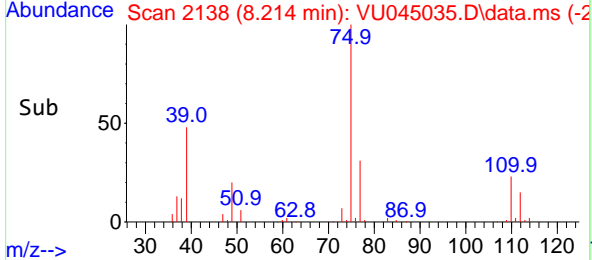
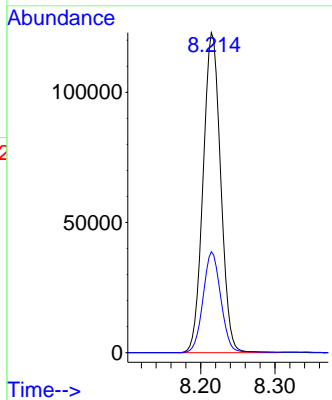
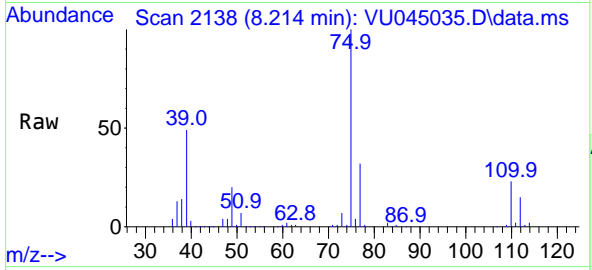


#53  
 t-1,3-Dichloropropene  
 Concen: 53.752 ug/l  
 RT: 8.214 min Scan# 2138  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050

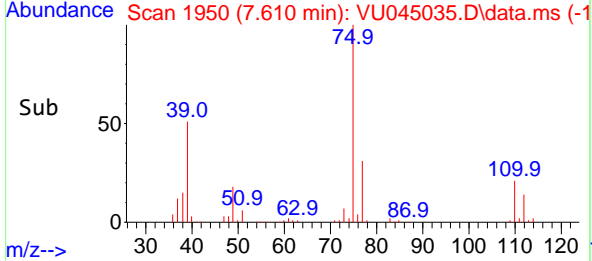
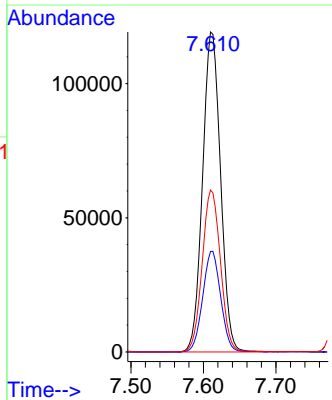
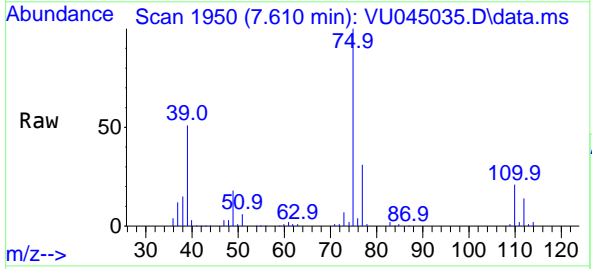
Tgt Ion: 75 Resp: 201761  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.6 38.4

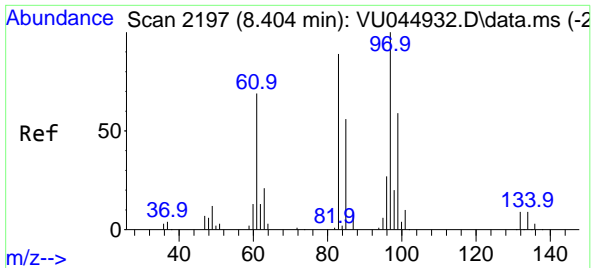
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.559 ug/l  
 RT: 7.610 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

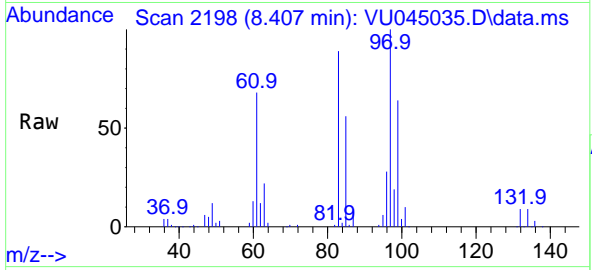
Tgt Ion: 75 Resp: 205497  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.0 37.6  
 39 50.6 41.4 62.2





#55  
 1,1,2-Trichloroethane  
 Concen: 52.729 ug/l  
 RT: 8.407 min Scan# 2198  
 Delta R.T. 0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

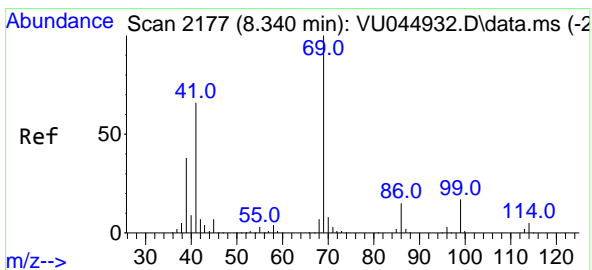
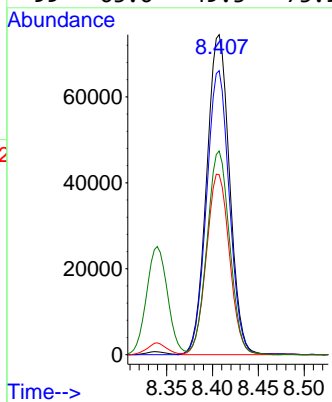
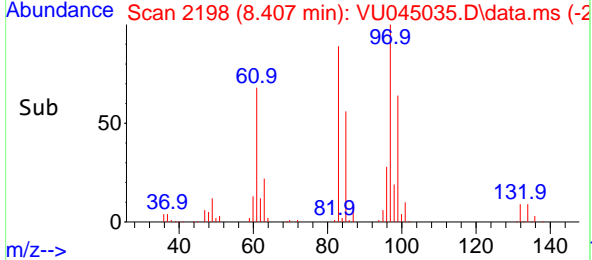
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050



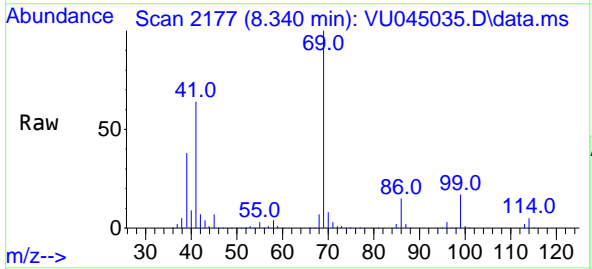
Tgt Ion: 97 Resp: 130153

Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.7	104.5
85	56.3	44.8	67.2
99	63.6	49.3	73.9

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

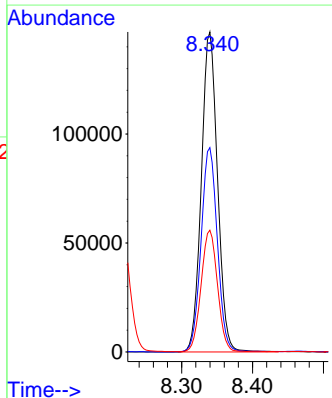
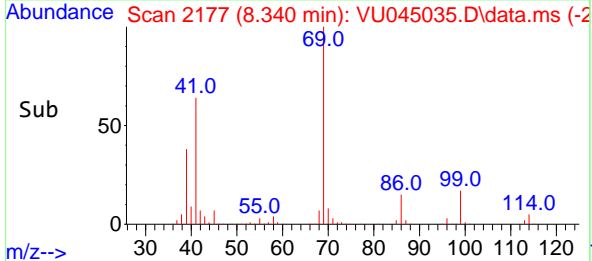


#56  
 Ethyl methacrylate  
 Concen: 48.647 ug/l  
 RT: 8.340 min Scan# 2177  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

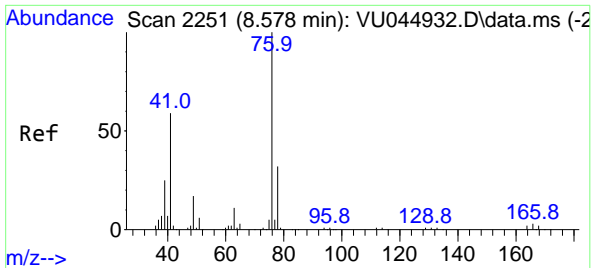


Tgt Ion: 69 Resp: 232910

Ion	Ratio	Lower	Upper
69	100		
41	64.4	53.5	80.3
39	38.3	31.1	46.7

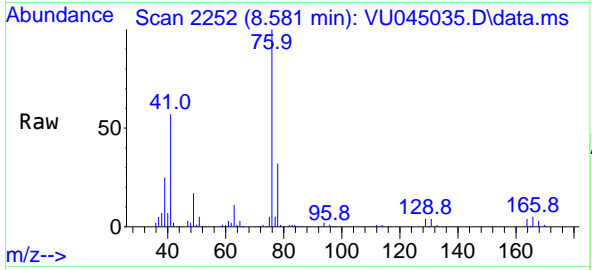






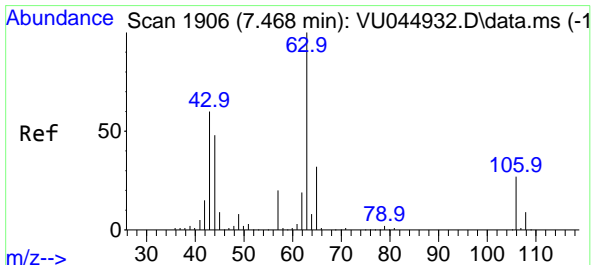
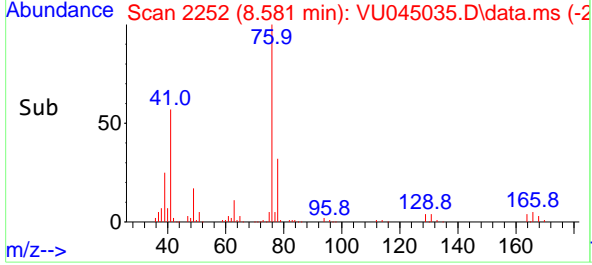
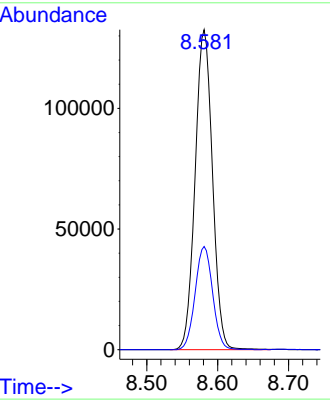
#57  
 1,3-Dichloropropane  
 Concen: 51.146 ug/l  
 RT: 8.581 min Scan# 2252  
 Delta R.T. 0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

Instrument : MSVOA\_U  
 ClientSampled : VSTDCCC050

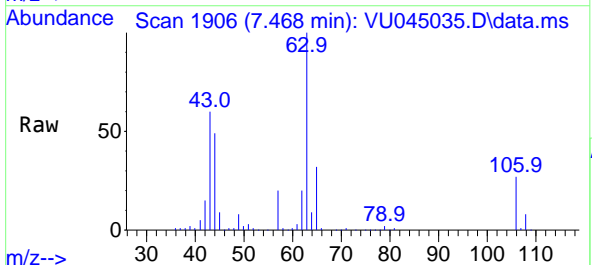


Tgt Ion: 76 Resp: 225307  
 Ion Ratio Lower Upper  
 76 100  
 78 32.5 25.7 38.5

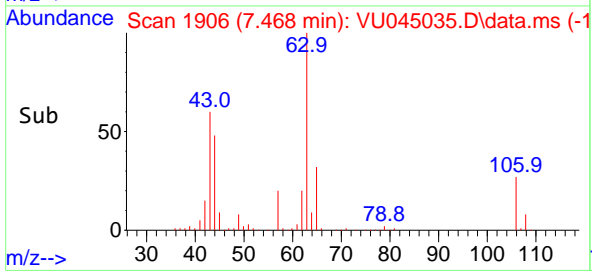
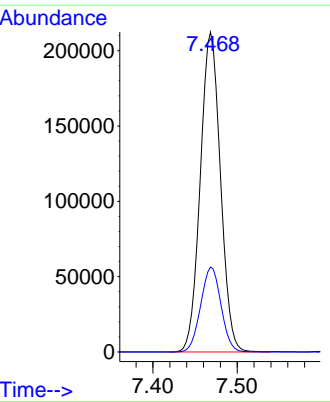
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

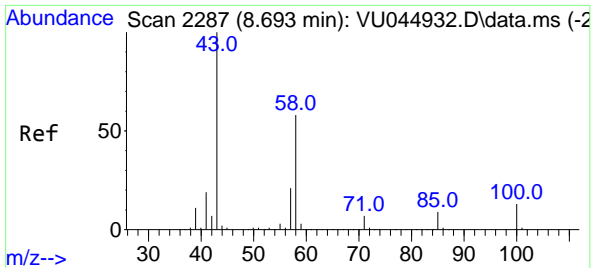


#58  
 2-Chloroethyl Vinyl ether  
 Concen: 231.860 ug/l  
 RT: 7.468 min Scan# 1906  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



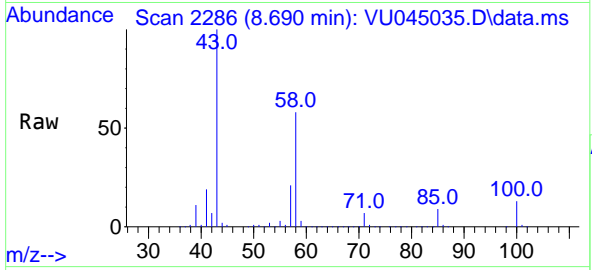
Tgt Ion: 63 Resp: 352521  
 Ion Ratio Lower Upper  
 63 100  
 106 26.7 20.5 30.7





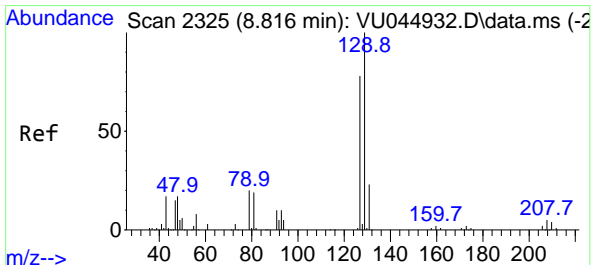
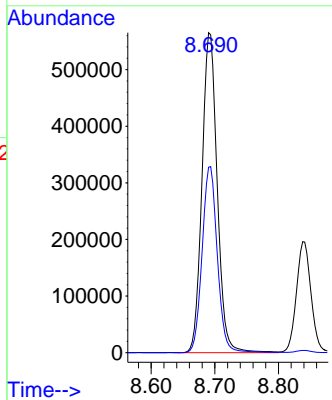
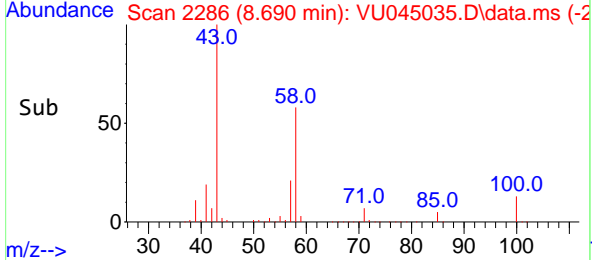
#59  
 2-Hexanone  
 Concen: 250.143 ug/l  
 RT: 8.690 min Scan# 2286  
 Delta R.T. -0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050

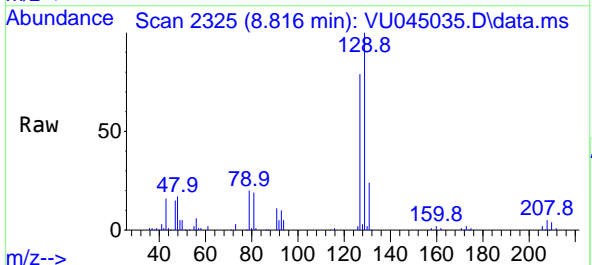


Tgt Ion: 43 Resp: 938128  
 Ion Ratio Lower Upper  
 43 100  
 58 58.2 28.0 84.0

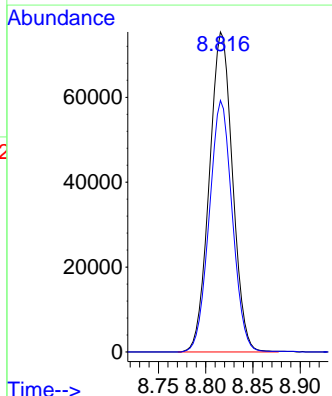
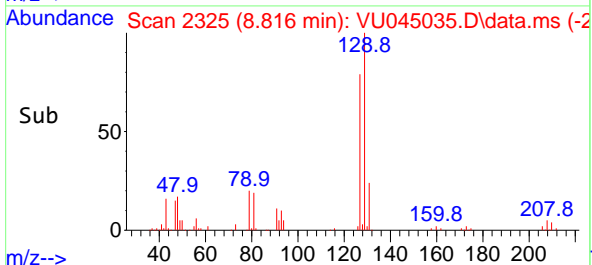
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

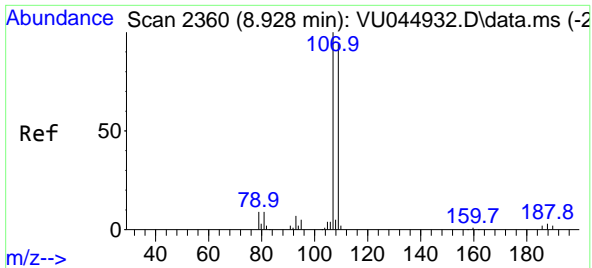


#60  
 Dibromochloromethane  
 Concen: 49.272 ug/l  
 RT: 8.816 min Scan# 2325  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



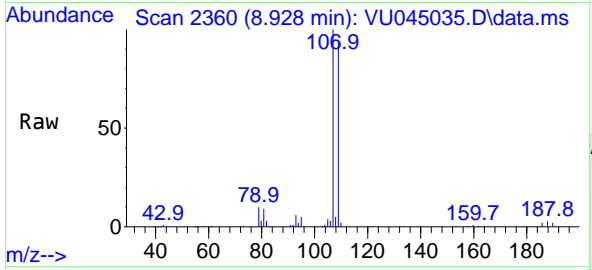
Tgt Ion: 129 Resp: 128869  
 Ion Ratio Lower Upper  
 129 100  
 127 77.9 39.0 117.0





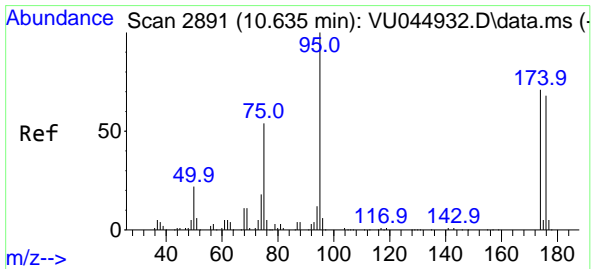
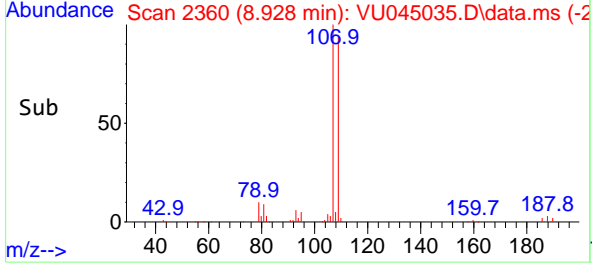
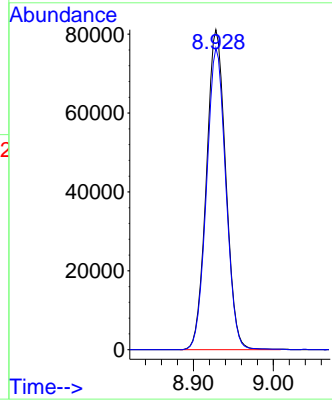
#61  
 1,2-Dibromoethane  
 Concen: 52.039 ug/l  
 RT: 8.928 min Scan# 2360  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050

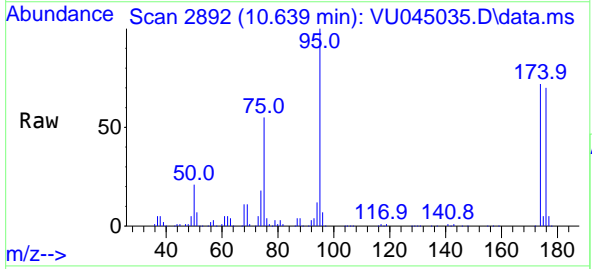


Tgt Ion:107 Resp: 136538  
 Ion Ratio Lower Upper  
 107 100  
 109 93.8 74.8 112.2

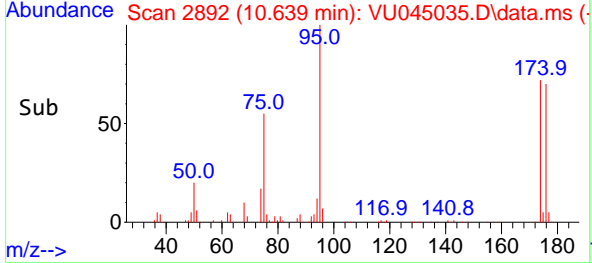
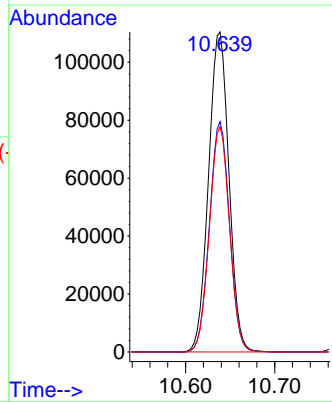
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

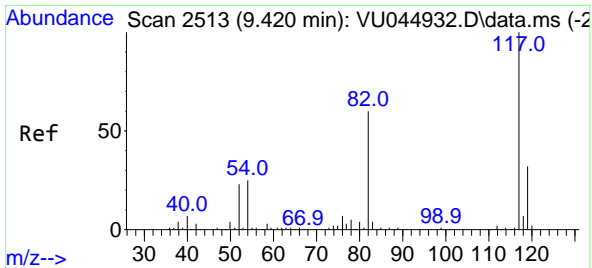


#62  
 4-Bromofluorobenzene  
 Concen: 56.040 ug/l  
 RT: 10.639 min Scan# 2892  
 Delta R.T. 0.004 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



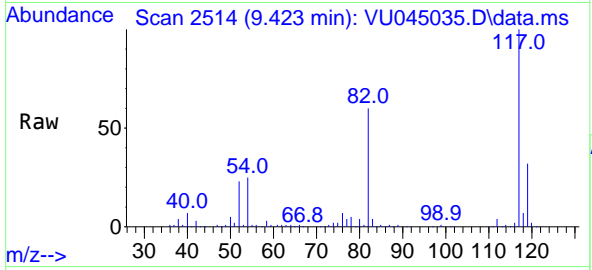
Tgt Ion: 95 Resp: 175252  
 Ion Ratio Lower Upper  
 95 100  
 174 71.0 0.0 146.6  
 176 69.2 0.0 141.2





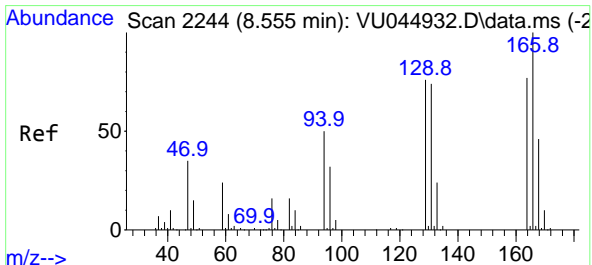
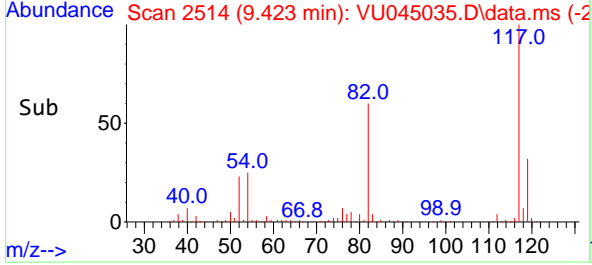
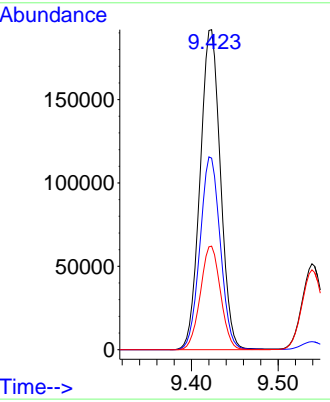
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 9.423 min Scan# 2514  
 Delta R.T. 0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDC050

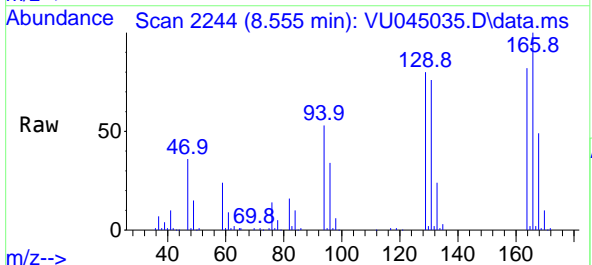


Tgt Ion:117 Resp: 312831  
 Ion Ratio Lower Upper  
 117 100  
 82 59.8 47.8 71.8  
 119 32.3 25.8 38.6

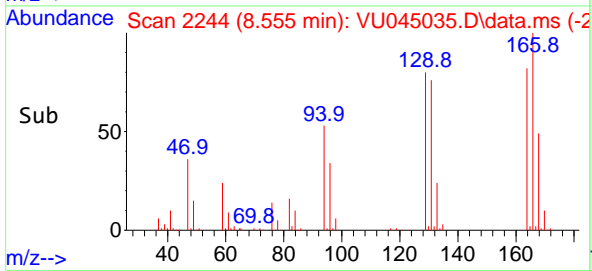
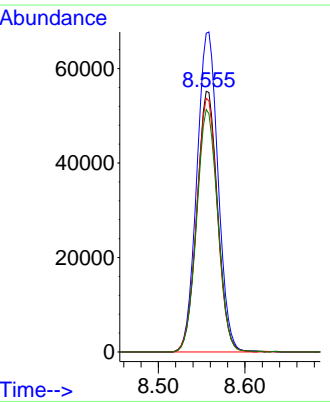
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

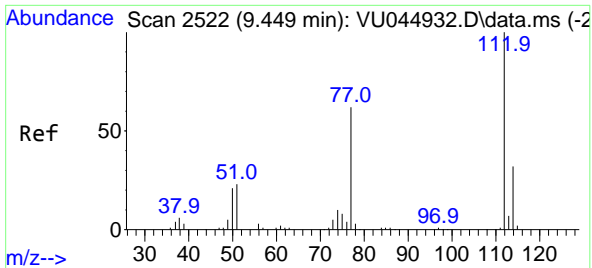


#64  
 Tetrachloroethene  
 Concen: 45.080 ug/l  
 RT: 8.555 min Scan# 2244  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



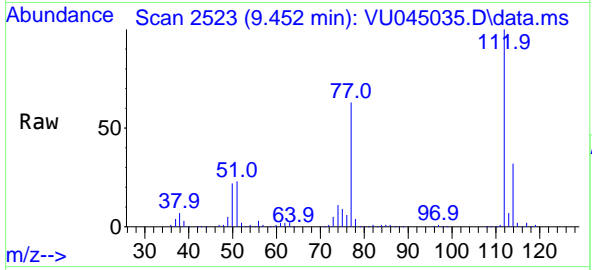
Tgt Ion:164 Resp: 92044  
 Ion Ratio Lower Upper  
 164 100  
 166 122.3 102.8 154.2  
 129 97.3 79.4 119.2  
 131 93.0 77.4 116.2





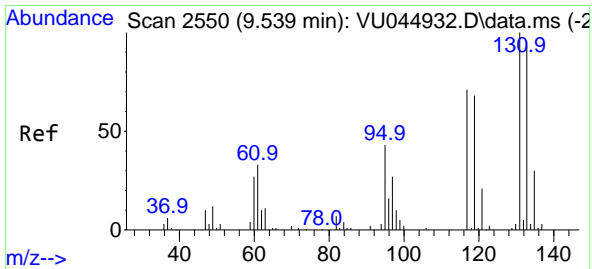
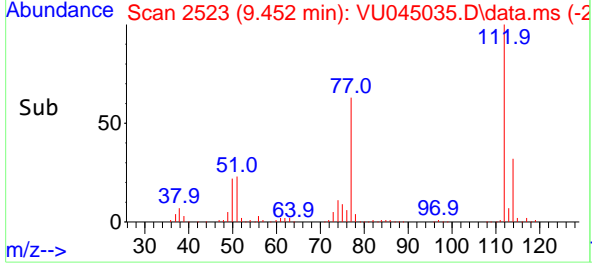
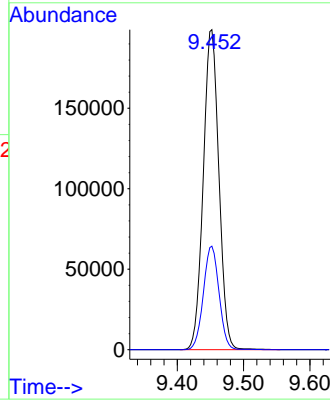
#65  
 Chlorobenzene  
 Concen: 49.572 ug/l  
 RT: 9.452 min Scan# 2523  
 Delta R.T. 0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050

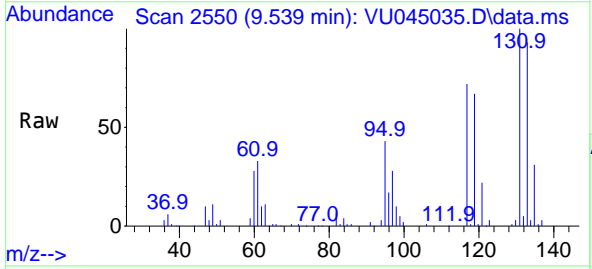


Tgt Ion:112 Resp: 325132  
 Ion Ratio Lower Upper  
 112 100  
 114 32.4 25.9 38.9

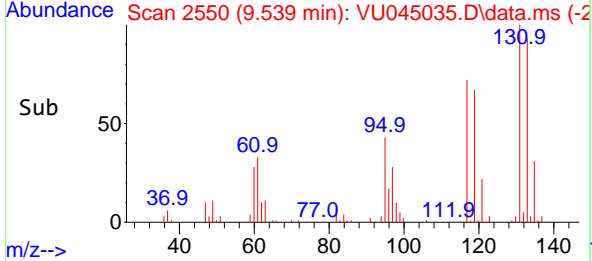
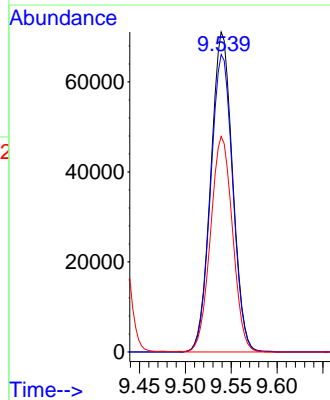
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

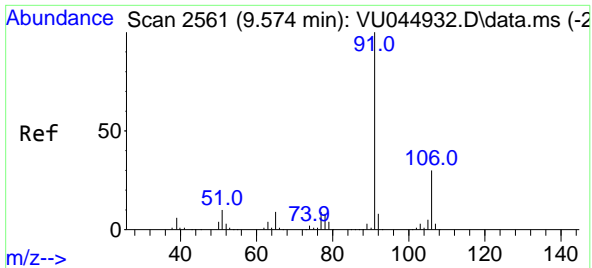


#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 51.394 ug/l  
 RT: 9.539 min Scan# 2550  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



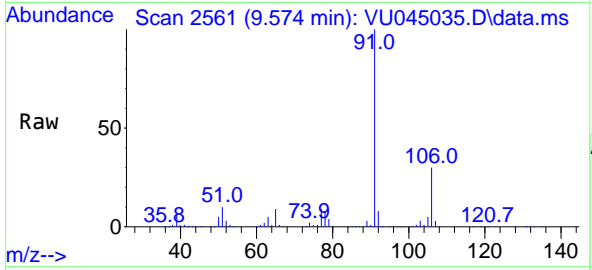
Tgt Ion:131 Resp: 117685  
 Ion Ratio Lower Upper  
 131 100  
 133 94.5 48.1 144.3  
 119 68.0 34.1 102.3





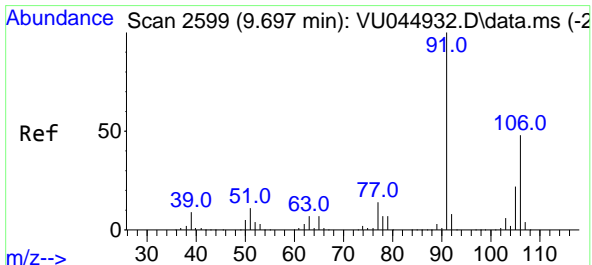
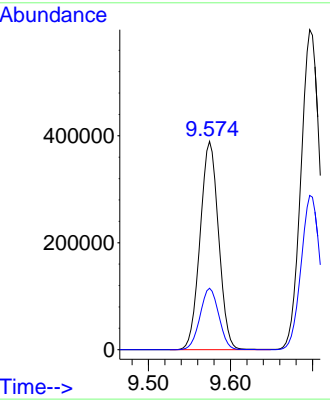
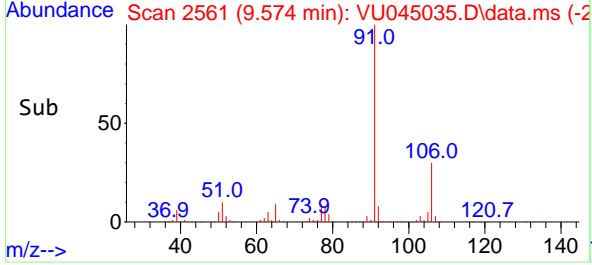
#67  
 Ethyl Benzene  
 Concen: 50.495 ug/l  
 RT: 9.574 min Scan# 2561  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

Instrument : MSVOA\_U  
 ClientSampled : VSTDCCC050

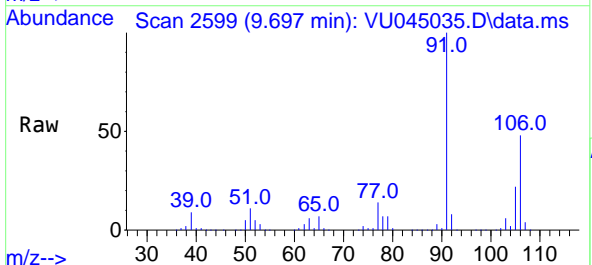


Tgt Ion: 91 Resp: 609430  
 Ion Ratio Lower Upper  
 91 100  
 106 29.5 24.3 36.5

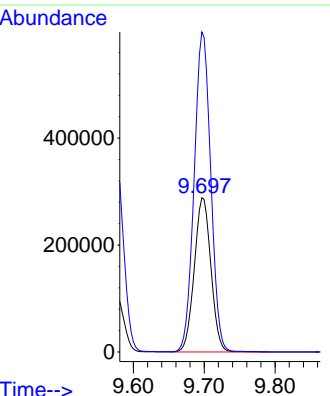
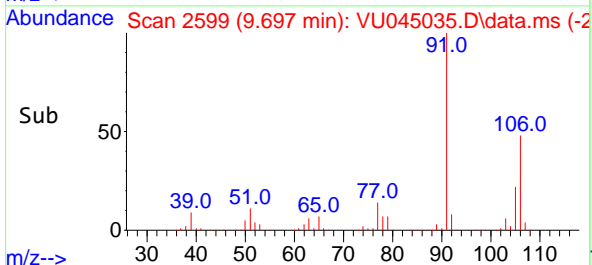
Manual Integrations  
 APPROVED  
 MMDadoda  
 10/1/2021 11:03:27 AM

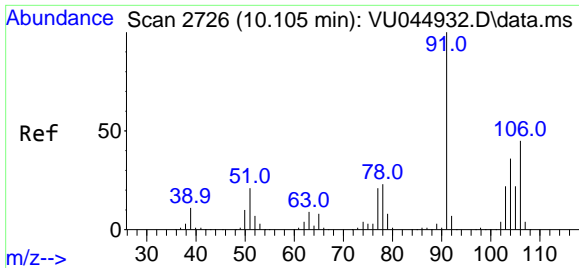


#68  
 m/p-Xylenes  
 Concen: 100.092 ug/l  
 RT: 9.697 min Scan# 2599  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



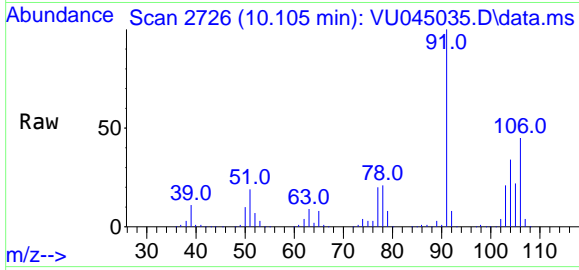
Tgt Ion: 106 Resp: 469317  
 Ion Ratio Lower Upper  
 106 100  
 91 207.5 164.2 246.2





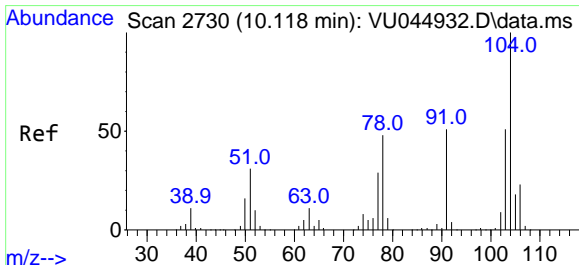
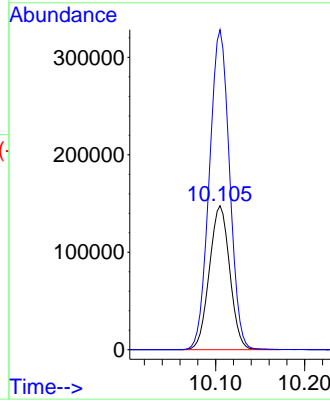
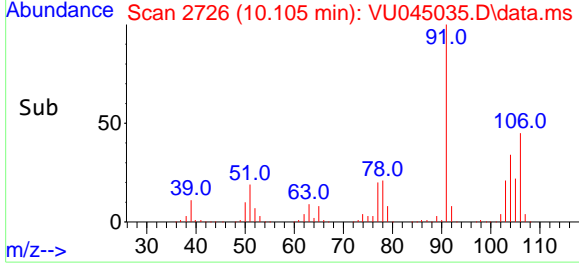
#69  
 o-Xylene  
 Concen: 50.434 ug/l  
 RT: 10.105 min Scan# 2726  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050

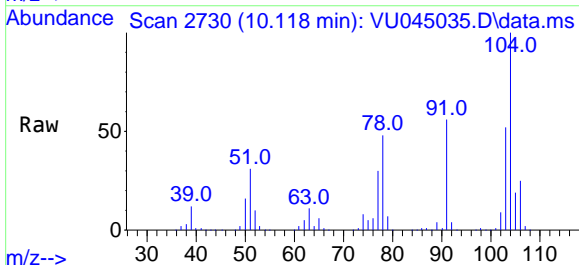


Tgt Ion:106 Resp: 234700  
 Ion Ratio Lower Upper  
 106 100  
 91 220.9 108.9 326.7

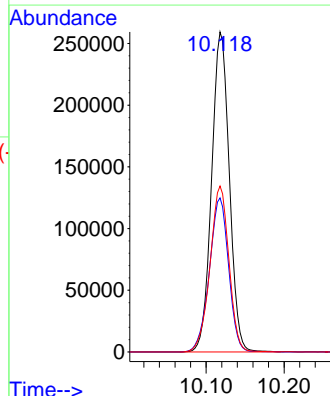
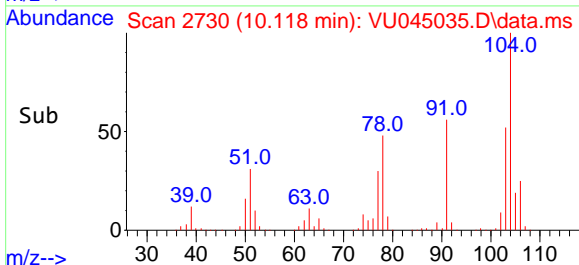
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

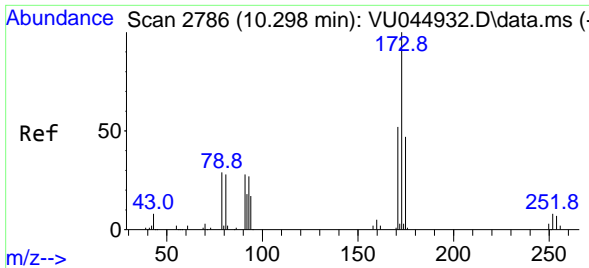


#70  
 Styrene  
 Concen: 52.519 ug/l  
 RT: 10.118 min Scan# 2730  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



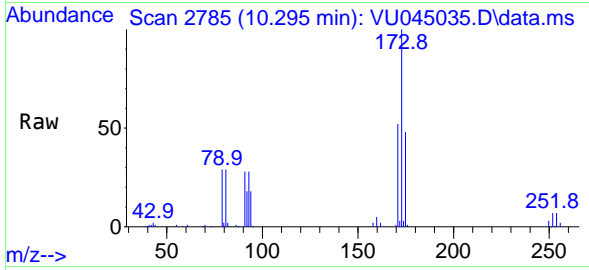
Tgt Ion:104 Resp: 410011  
 Ion Ratio Lower Upper  
 104 100  
 78 52.2 41.4 62.0  
 103 55.2 43.5 65.3





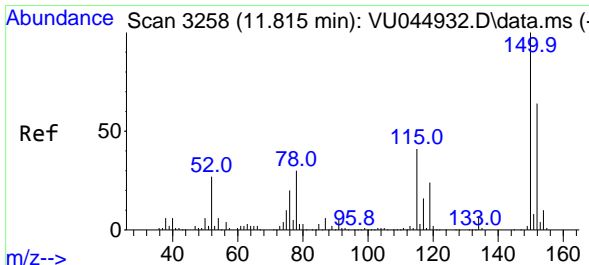
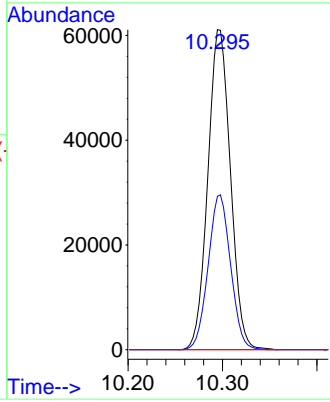
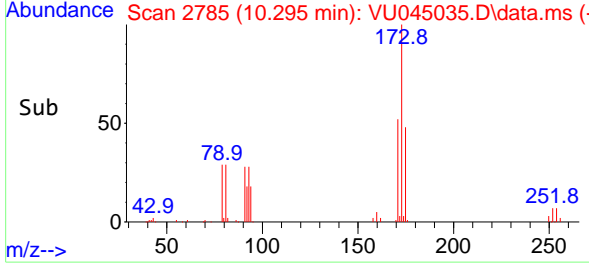
#71  
 Bromoform  
 Concen: 46.301 ug/l  
 RT: 10.295 min Scan# 2785  
 Delta R.T. -0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

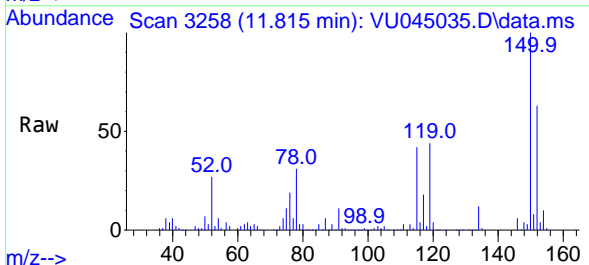


Tgt Ion:173 Resp: 101458  
 Ion Ratio Lower Upper  
 173 100  
 175 48.0 24.3 73.0  
 254 0.0 0.0 0.0

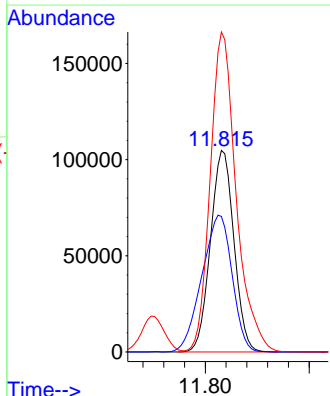
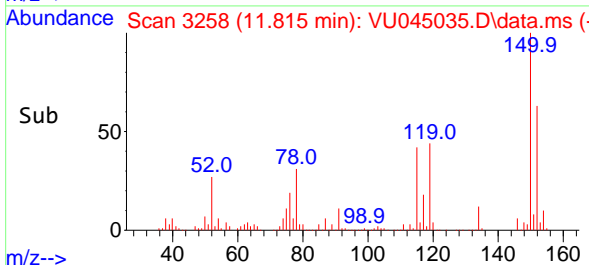
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM



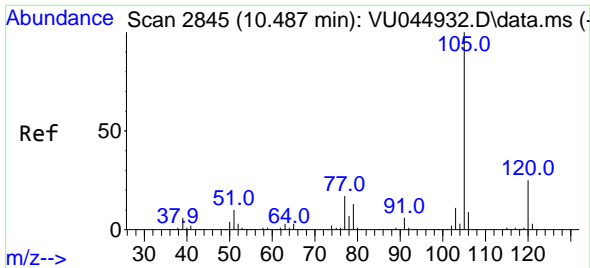
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 11.815 min Scan# 3258  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



Tgt Ion:152 Resp: 164322  
 Ion Ratio Lower Upper  
 152 100  
 115 87.2 43.5 130.7  
 150 175.2 0.0 350.0

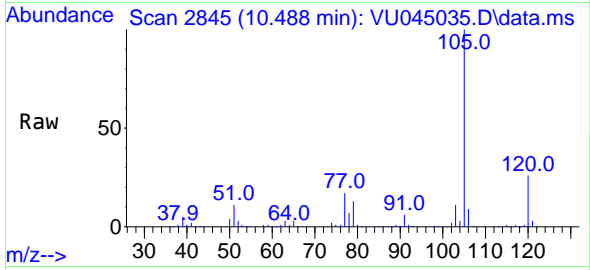






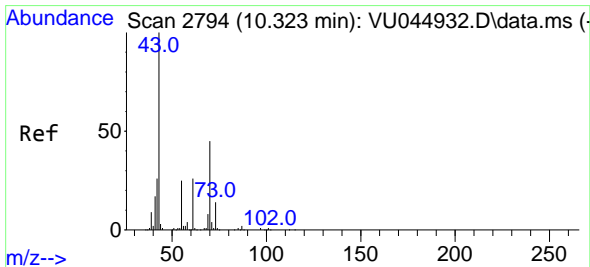
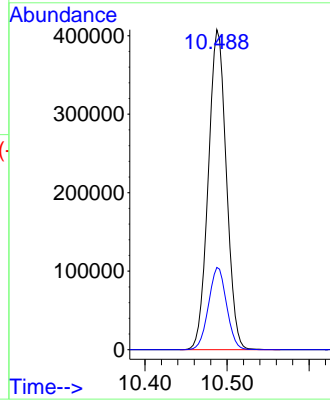
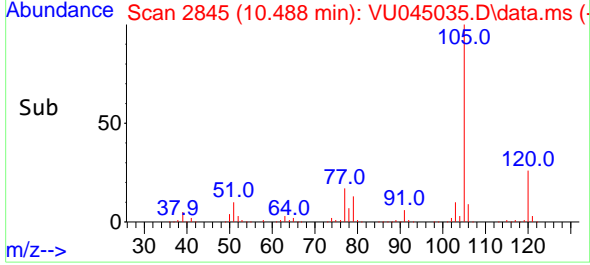
#73  
 Isopropylbenzene  
 Concen: 51.037 ug/l  
 RT: 10.488 min Scan# 2845  
 Delta R.T. 0.001 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

Instrument : MSVOA\_U  
 ClientSampled : VSTDCCC050

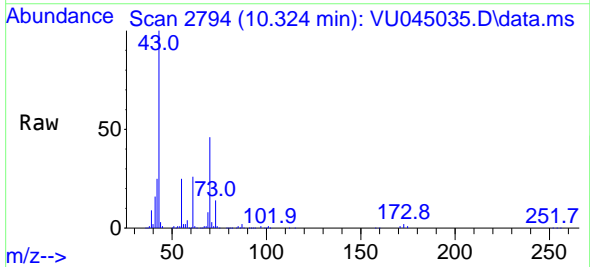


Tgt Ion:105 Resp: 624530  
 Ion Ratio Lower Upper  
 105 100  
 120 25.7 12.8 38.3

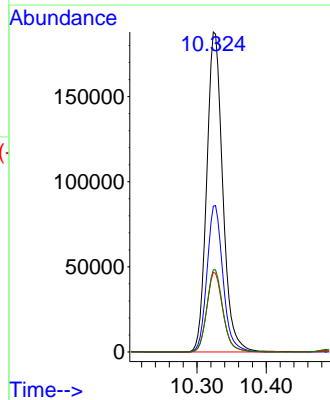
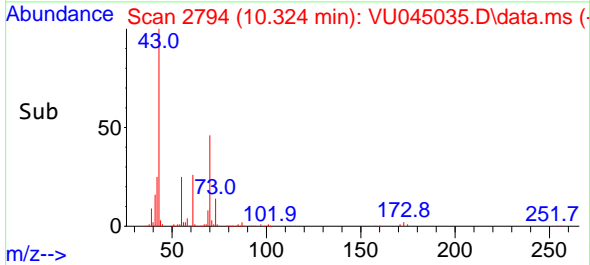
Manual Integrations  
 APPROVED  
 MMDadoda  
 10/1/2021 11:03:27 AM

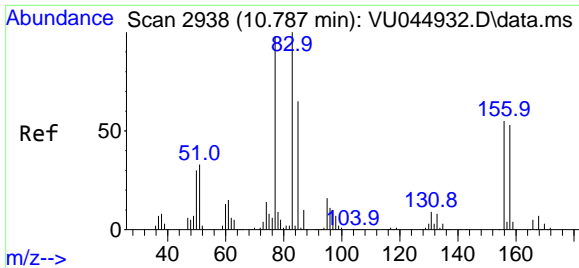


#74  
 N-ethyl acetate  
 Concen: 48.872 ug/l  
 RT: 10.324 min Scan# 2794  
 Delta R.T. 0.001 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



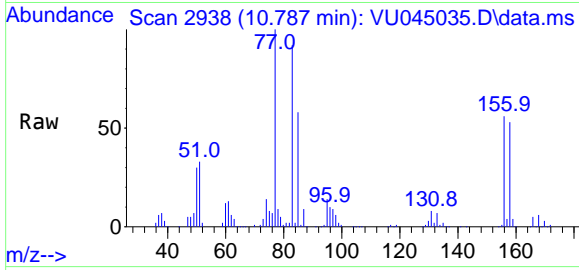
Tgt Ion: 43 Resp: 301127  
 Ion Ratio Lower Upper  
 43 100  
 70 45.7 35.1 52.7  
 55 25.2 20.5 30.7  
 61 25.7 19.6 29.4





#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 47.467 ug/l  
 RT: 10.787 min Scan# 2938  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

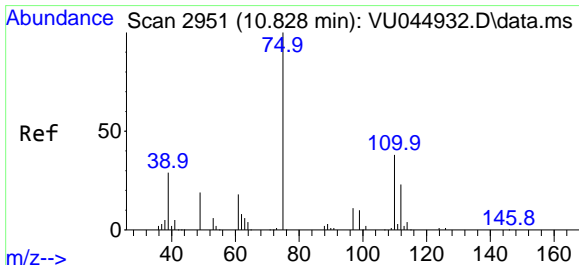
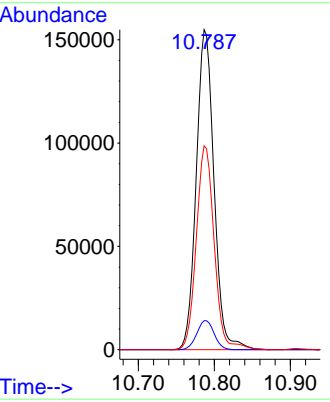
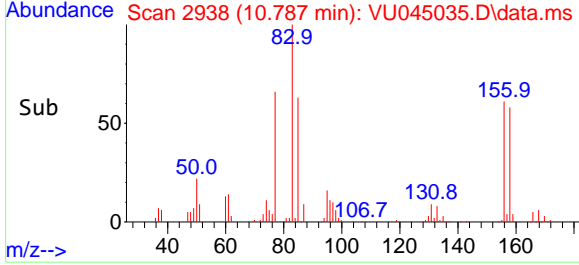
**Instrument :**  
 MSVOA\_U  
**ClientSampleId :**  
 VSTDCCC050



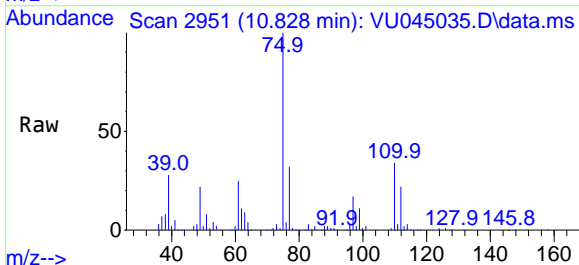
Tgt Ion: 83 Resp: 251321

Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.3	13.1
85	64.2	31.9	95.5

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

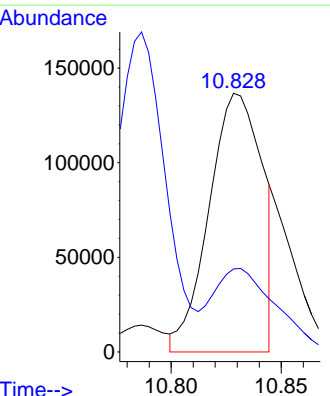
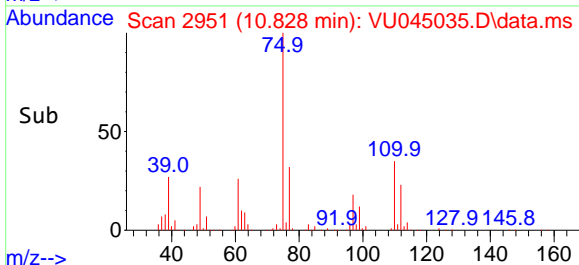


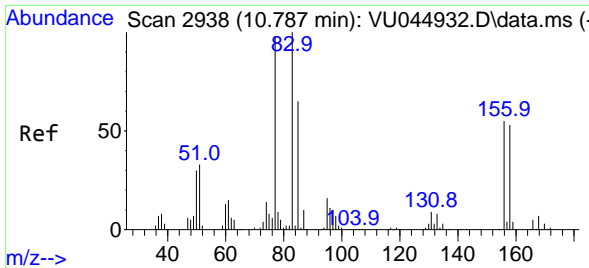
#76  
 1,2,3-Trichloropropane  
 Concen: 47.660 ug/l m  
 RT: 10.828 min Scan# 2951  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



Tgt Ion: 75 Resp: 228431

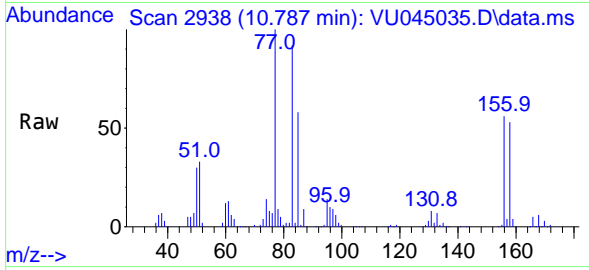
Ion	Ratio	Lower	Upper
75	100		
77	38.9	17.9	53.7





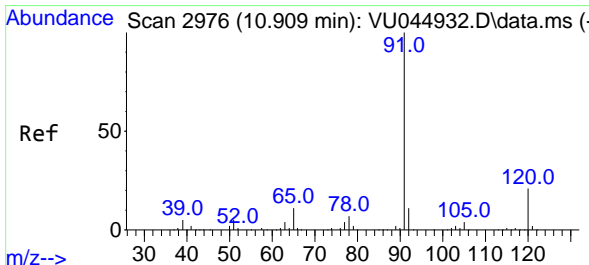
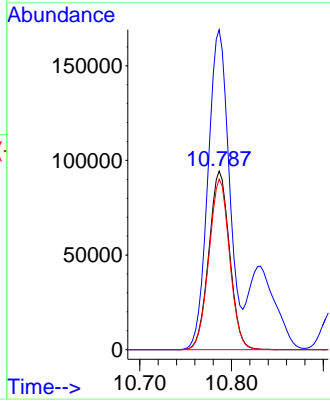
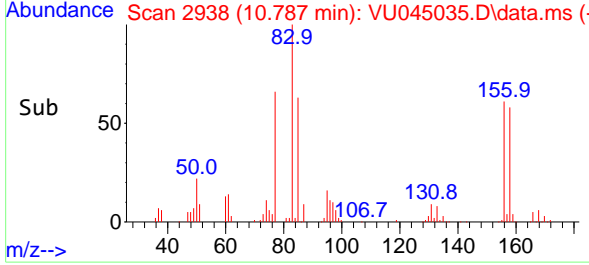
#77  
 Bromobenzene  
 Concen: 50.241 ug/l  
 RT: 10.787 min Scan# 2938  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

Instrument : MSVOA\_U  
 ClientSampled : VSTDCCC050

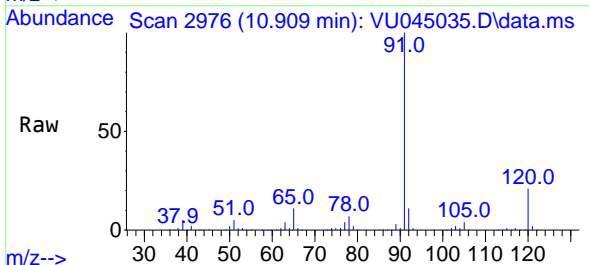


Tgt Ion:156 Resp: 148454  
 Ion Ratio Lower Upper  
 156 100  
 77 183.4 91.1 273.4  
 158 95.0 48.2 144.6

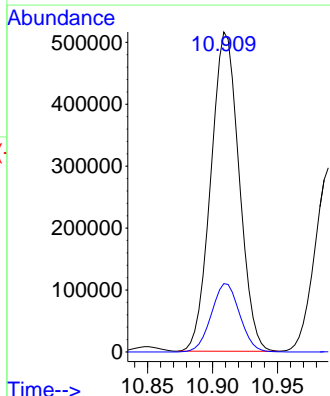
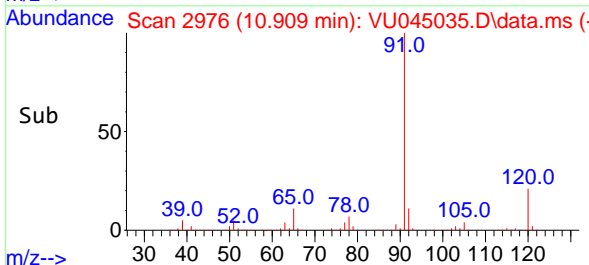
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

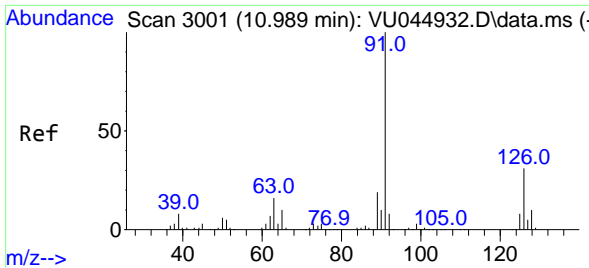


#78  
 n-propylbenzene  
 Concen: 52.145 ug/l  
 RT: 10.909 min Scan# 2976  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



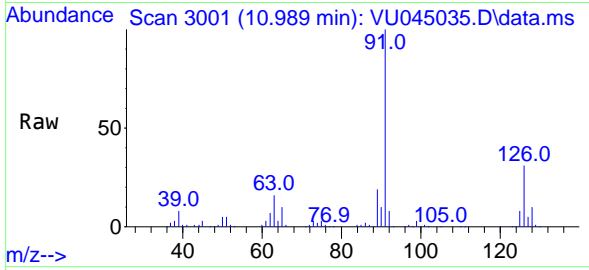
Tgt Ion: 91 Resp: 777594  
 Ion Ratio Lower Upper  
 91 100  
 120 21.5 10.8 32.4





#79  
 2-Chlorotoluene  
 Concen: 50.073 ug/l  
 RT: 10.989 min Scan# 3001  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

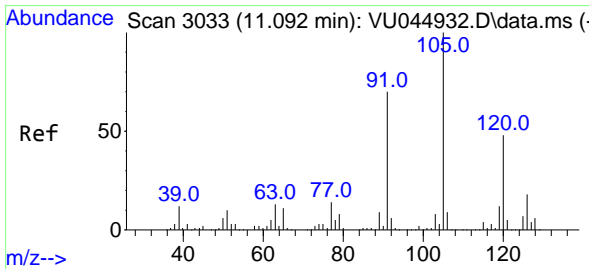
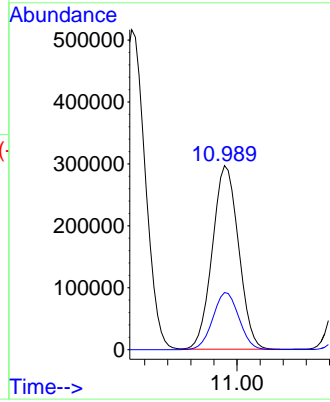
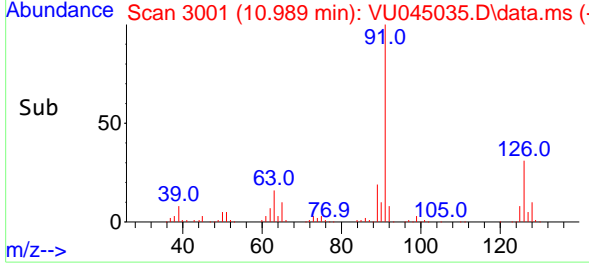
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDCCC050



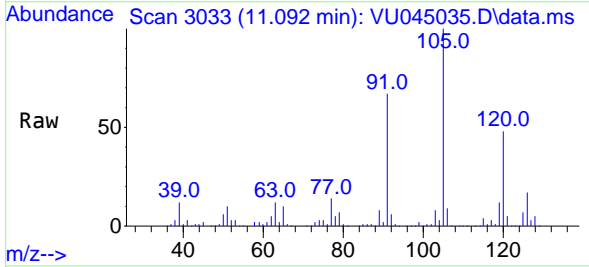
Tgt Ion: 91 Resp: 468045  
 Ion Ratio Lower Upper  
 91 100  
 126 30.9 15.7 47.0

Manual Integrations  
 APPROVED

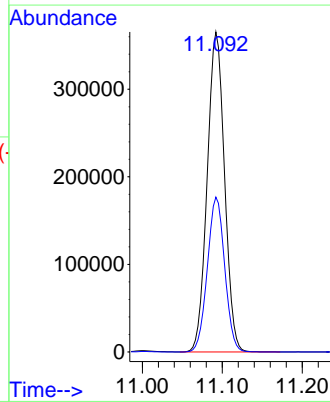
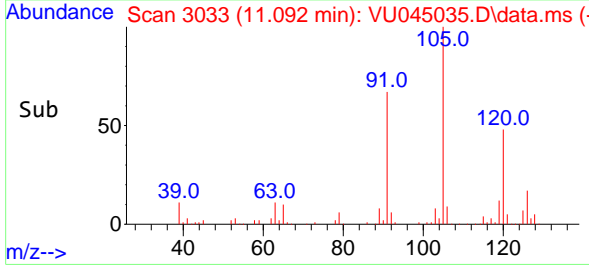
MMDadoda  
 10/1/2021 11:03:27 AM

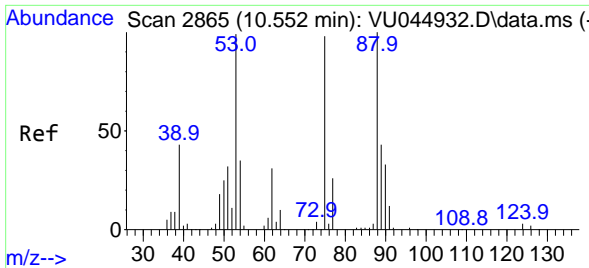


#80  
 1,3,5-Trimethylbenzene  
 Concen: 51.420 ug/l  
 RT: 11.092 min Scan# 3033  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



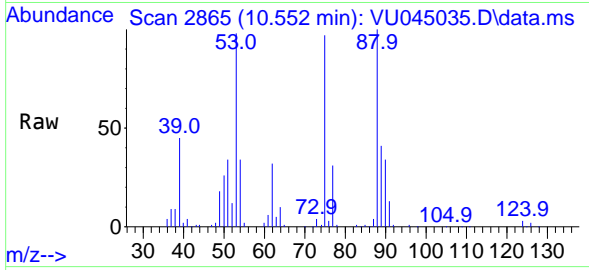
Tgt Ion: 105 Resp: 551220  
 Ion Ratio Lower Upper  
 105 100  
 120 48.4 24.1 72.2





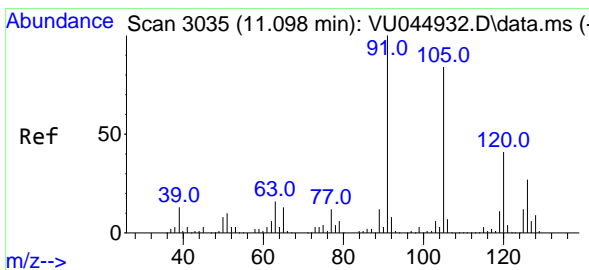
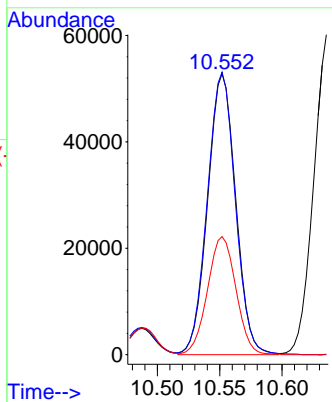
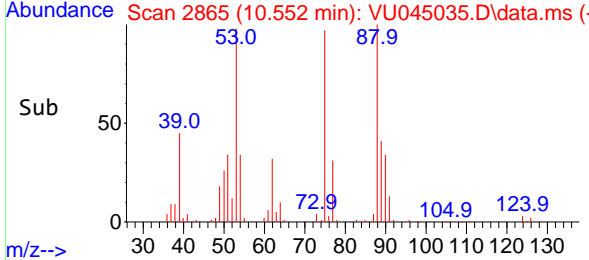
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 47.927 ug/l  
 RT: 10.552 min Scan# 2865  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

Instrument : MSVOA\_U  
 Client Sampled : VSTDCCC050

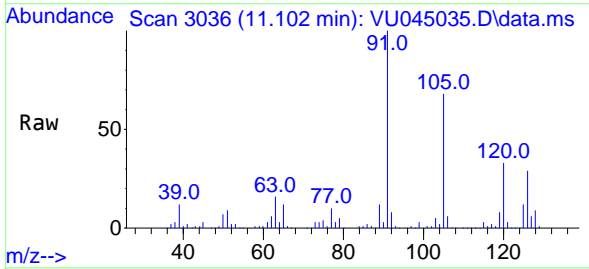


Tgt Ion: 75 Resp: 82774  
 Ion Ratio Lower Upper  
 75 100  
 53 100.4 82.0 123.0  
 89 42.7 34.2 51.4

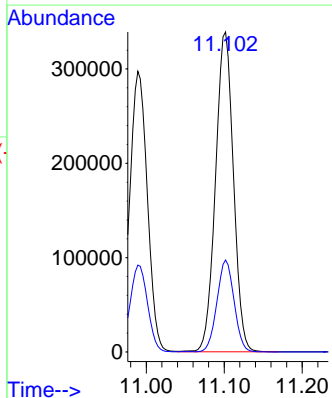
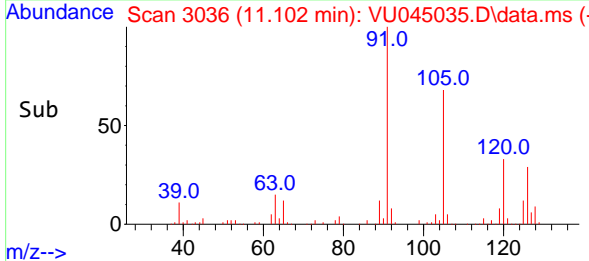
Manual Integrations APPROVED  
 MMDadoda  
 10/1/2021 11:03:27 AM

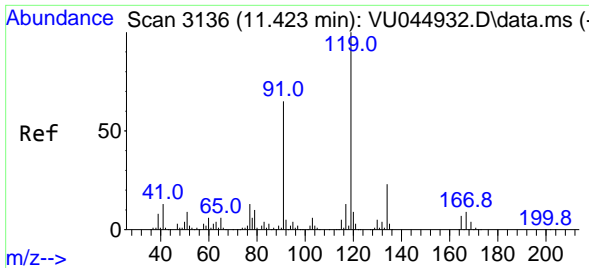


#82  
 4-Chlorotoluene  
 Concen: 51.195 ug/l  
 RT: 11.102 min Scan# 3036  
 Delta R.T. 0.004 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



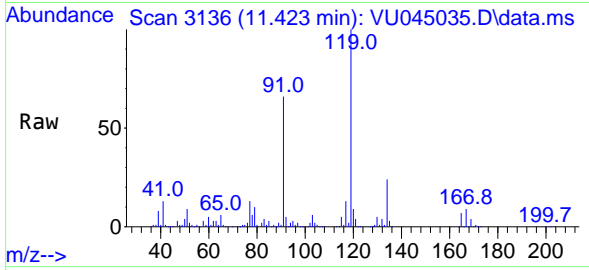
Tgt Ion: 91 Resp: 540898  
 Ion Ratio Lower Upper  
 91 100  
 126 27.5 13.8 41.4





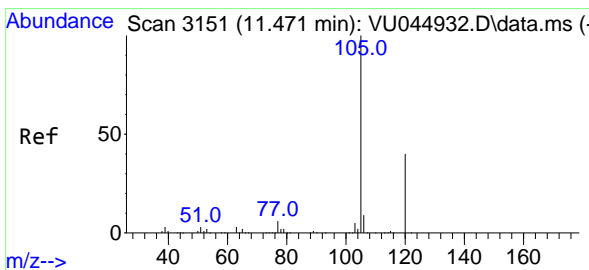
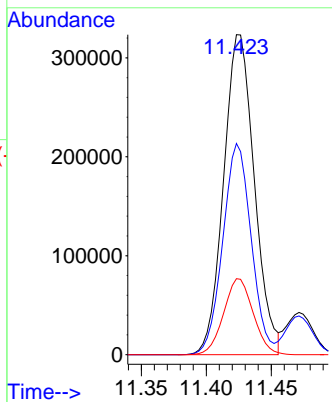
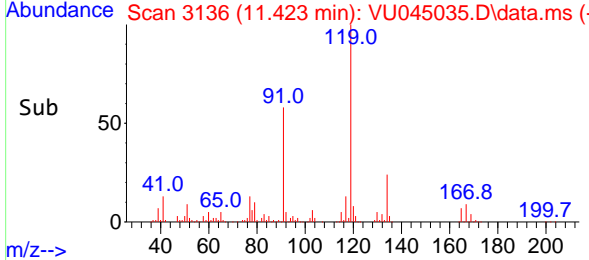
#83  
 tert-Butylbenzene  
 Concen: 51.135 ug/l  
 RT: 11.423 min Scan# 3136  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

Instrument : MSVOA\_U  
 ClientSampled : VSTDCCC050

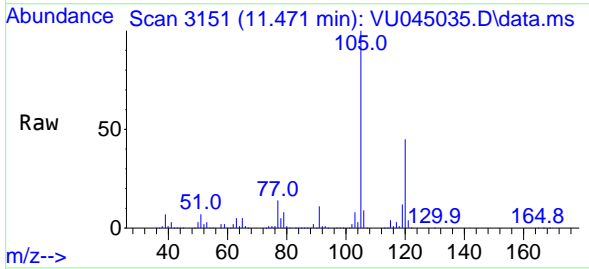


Tgt Ion:119 Resp: 533183  
 Ion Ratio Lower Upper  
 119 100  
 91 61.0 30.4 91.2  
 134 22.8 11.5 34.5

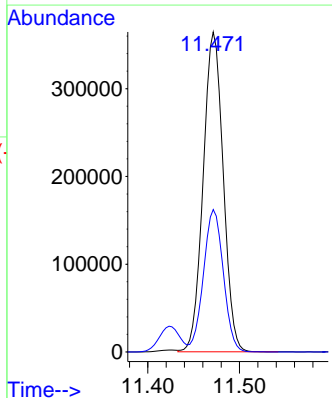
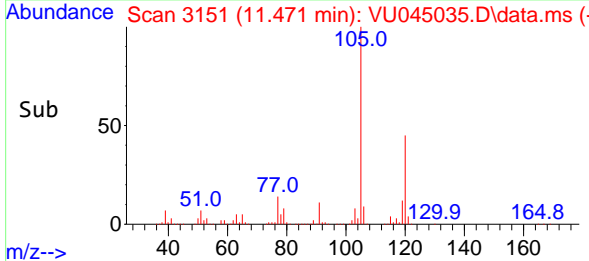
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

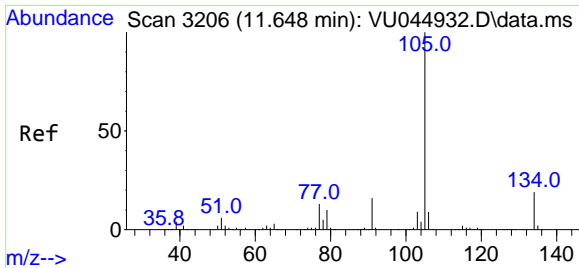


#84  
 1,2,4-Trimethylbenzene  
 Concen: 52.167 ug/l  
 RT: 11.471 min Scan# 3151  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



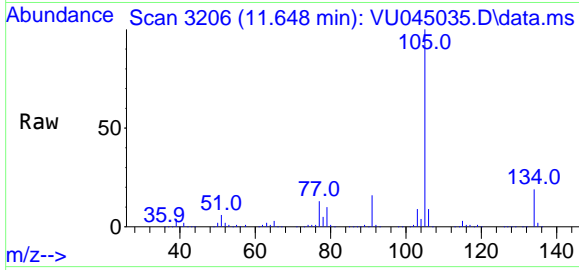
Tgt Ion:105 Resp: 553262  
 Ion Ratio Lower Upper  
 105 100  
 120 44.3 22.4 67.3





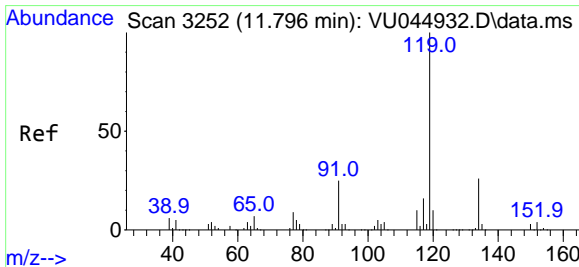
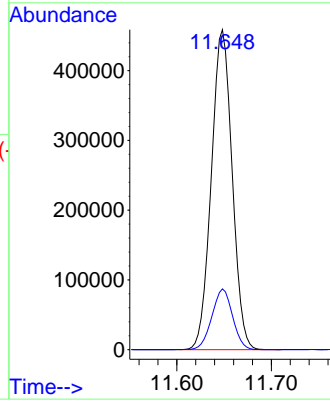
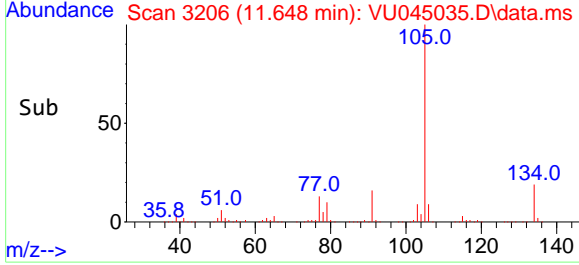
#85  
 sec-Butylbenzene  
 Concen: 52.236 ug/l  
 RT: 11.648 min Scan# 3206  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDCCC050

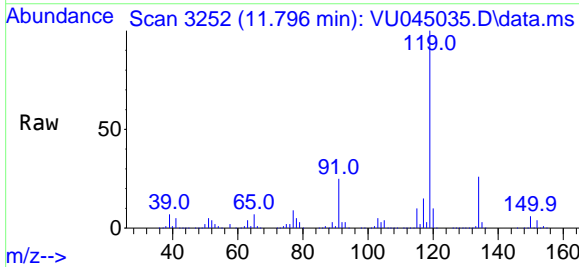


Tgt Ion:105 Resp: 701414  
 Ion Ratio Lower Upper  
 105 100  
 134 18.9 9.3 28.0

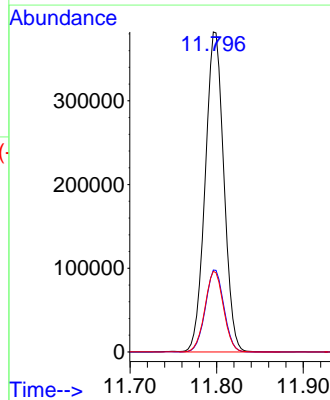
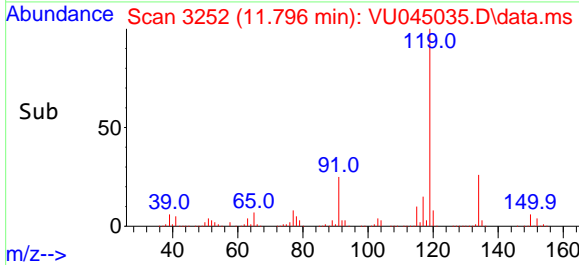
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

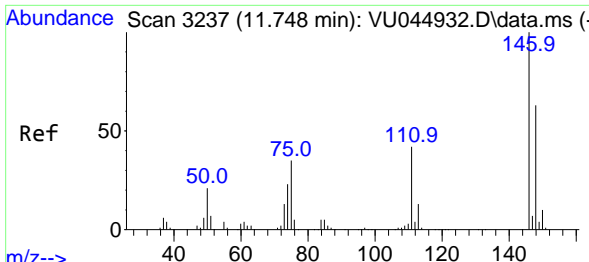


#86  
 p-Isopropyltoluene  
 Concen: 52.951 ug/l  
 RT: 11.796 min Scan# 3252  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



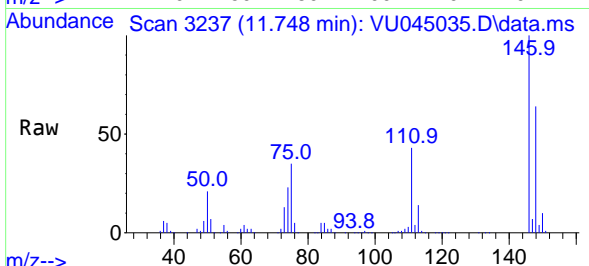
Tgt Ion:119 Resp: 571949  
 Ion Ratio Lower Upper  
 119 100  
 134 25.4 12.8 38.3  
 91 25.2 12.2 36.6





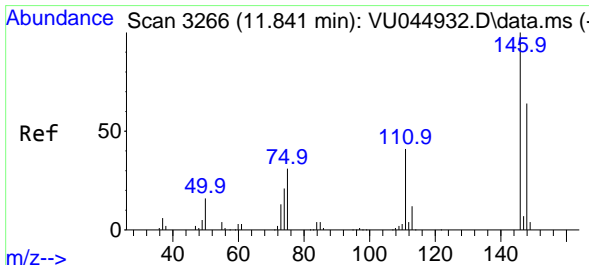
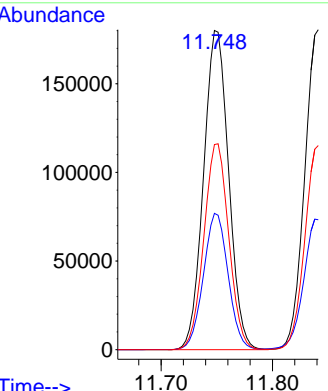
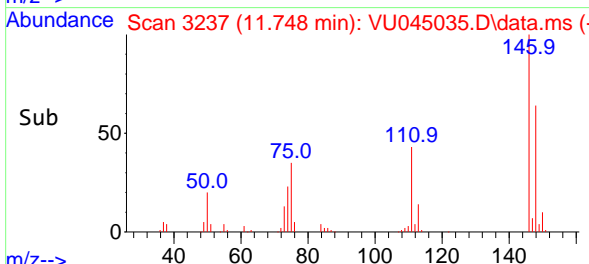
#87  
 1,3-Dichlorobenzene  
 Concen: 49.818 ug/l  
 RT: 11.748 min Scan# 3237  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050

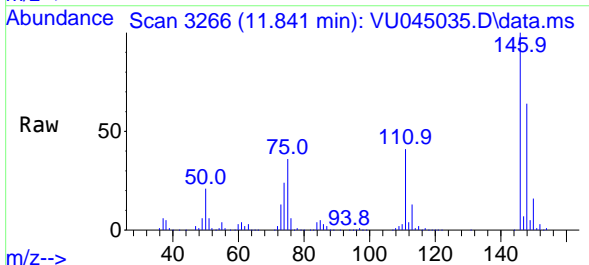


Tgt Ion:146 Resp: 281903  
 Ion Ratio Lower Upper  
 146 100  
 111 42.1 21.2 63.6  
 148 64.1 32.1 96.3

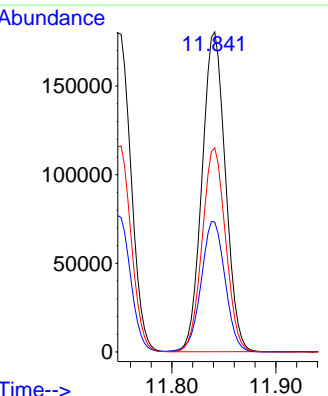
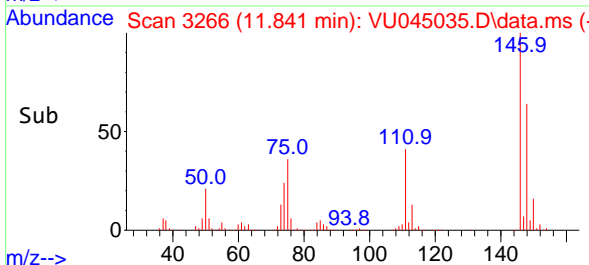
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM



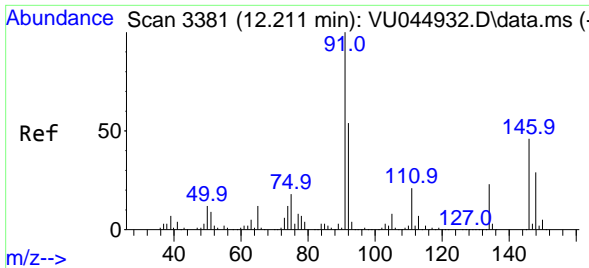
#88  
 1,4-Dichlorobenzene  
 Concen: 48.740 ug/l  
 RT: 11.841 min Scan# 3266  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



Tgt Ion:146 Resp: 282137  
 Ion Ratio Lower Upper  
 146 100  
 111 42.0 20.3 61.0  
 148 64.1 31.8 95.3

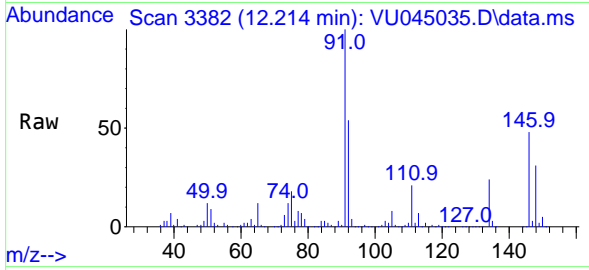






#89  
 n-Butylbenzene  
 Concen: 53.686 ug/l  
 RT: 12.214 min Scan# 3382  
 Delta R.T. 0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

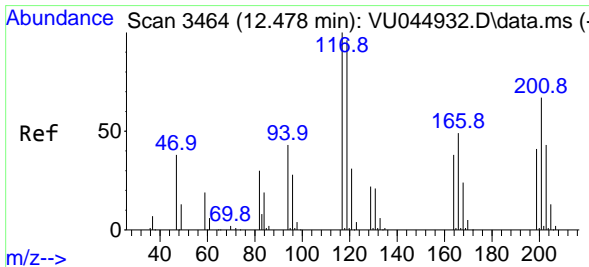
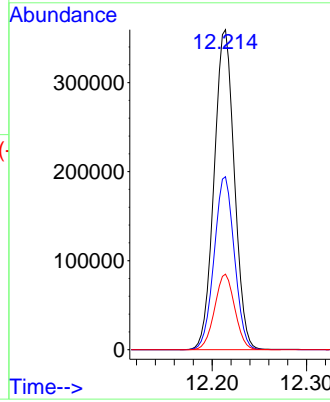
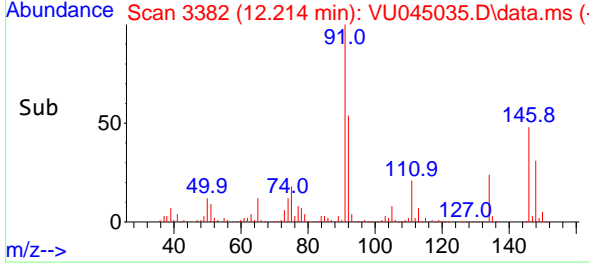
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDCCC050



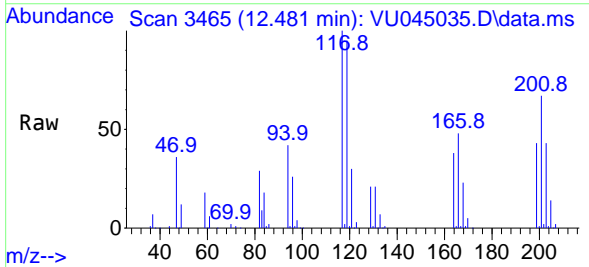
Tgt Ion: 91 Resp: 534105  
 Ion Ratio Lower Upper  
 91 100  
 92 54.3 26.8 80.4  
 134 23.5 11.8 35.4

Manual Integrations  
 APPROVED

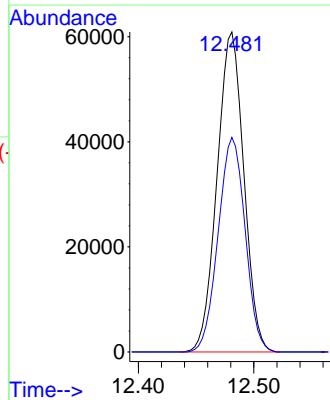
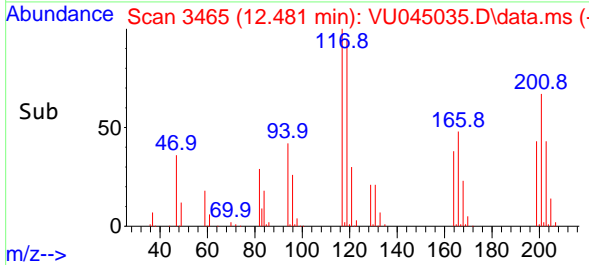
MMDadoda  
 10/1/2021 11:03:27 AM

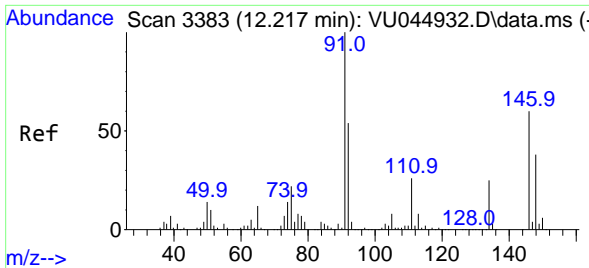


#90  
 Hexachloroethane  
 Concen: 50.358 ug/l  
 RT: 12.481 min Scan# 3465  
 Delta R.T. 0.003 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



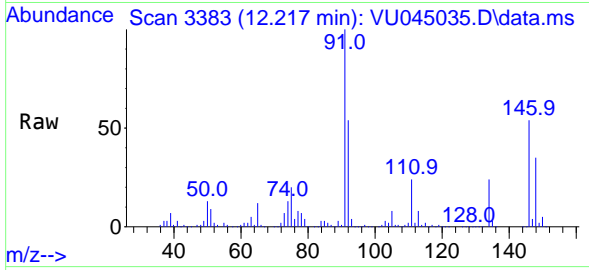
Tgt Ion: 117 Resp: 98222  
 Ion Ratio Lower Upper  
 117 100  
 201 67.6 34.8 104.3





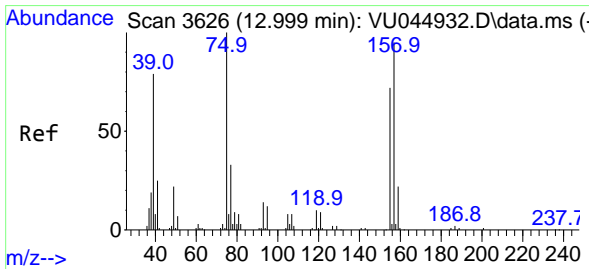
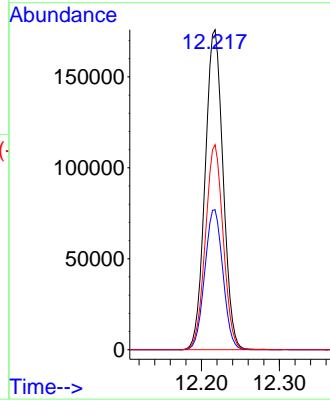
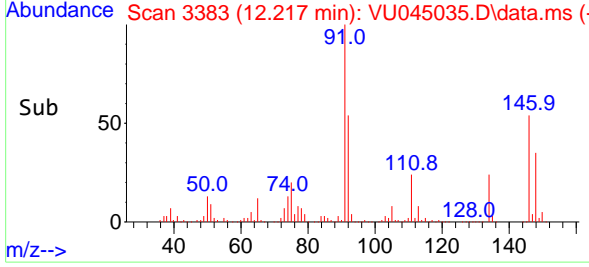
#91  
 1,2-Dichlorobenzene  
 Concen: 48.669 ug/l  
 RT: 12.217 min Scan# 3383  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050

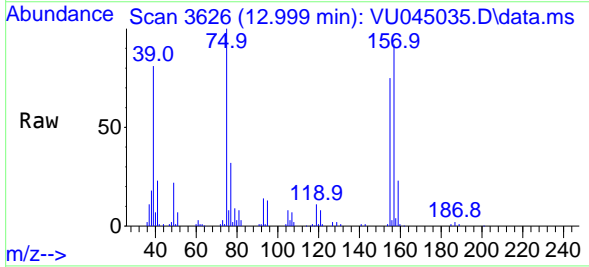


Tgt Ion:146 Resp: 281524  
 Ion Ratio Lower Upper  
 146 100  
 111 44.1 21.4 64.3  
 148 63.6 31.8 95.3

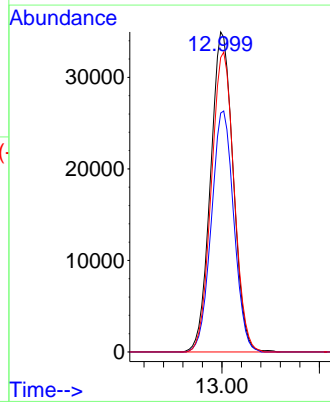
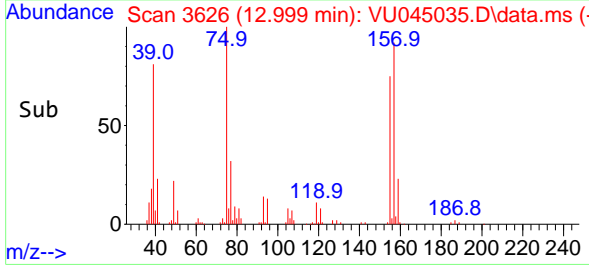
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

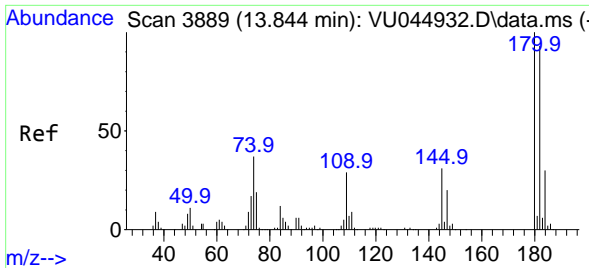


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.156 ug/l  
 RT: 12.999 min Scan# 3626  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



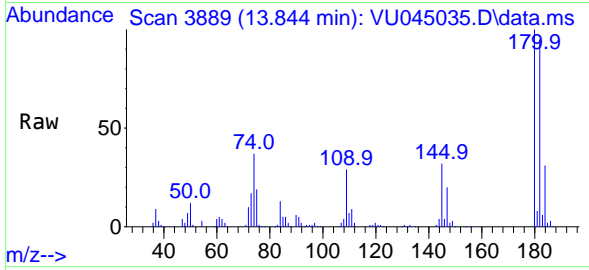
Tgt Ion: 75 Resp: 56413  
 Ion Ratio Lower Upper  
 75 100  
 155 74.6 36.9 110.6  
 157 93.9 47.8 143.3





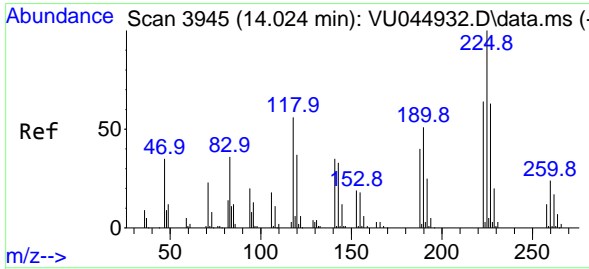
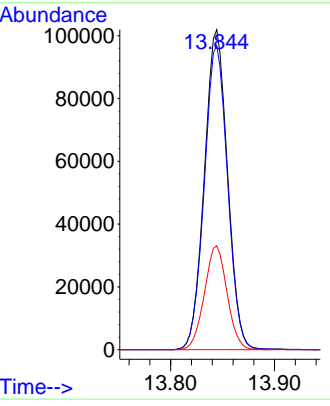
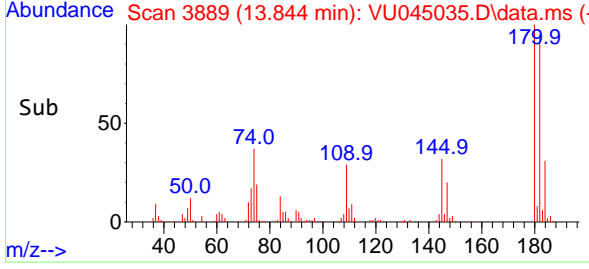
#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.074 ug/l  
 RT: 13.844 min Scan# 3889  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

Instrument : MSVOA\_U  
 ClientSampled : VSTDCCC050

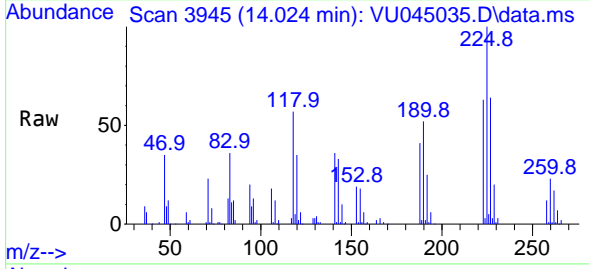


Tgt Ion:180 Resp: 158195  
 Ion Ratio Lower Upper  
 180 100  
 182 95.5 47.4 142.3  
 145 31.7 15.4 46.2

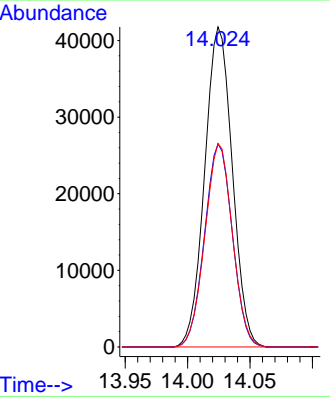
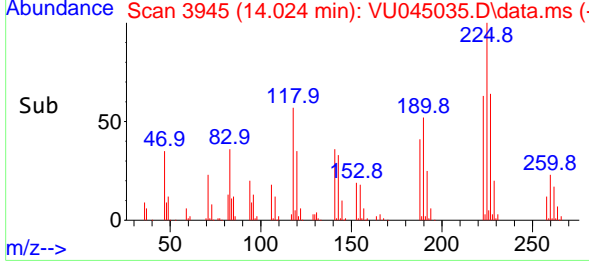
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM

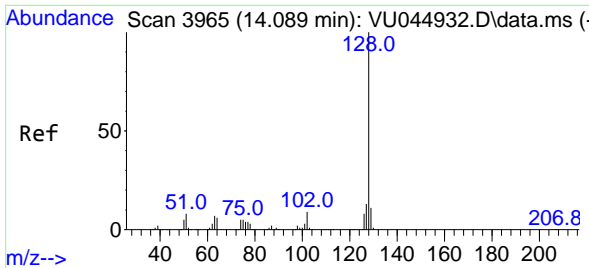


#94  
 Hexachlorobutadiene  
 Concen: 47.875 ug/l  
 RT: 14.024 min Scan# 3945  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



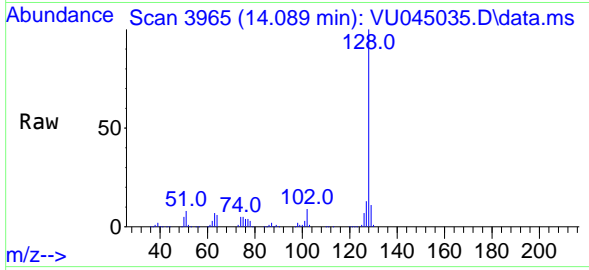
Tgt Ion:225 Resp: 64424  
 Ion Ratio Lower Upper  
 225 100  
 223 63.6 31.1 93.3  
 227 63.4 31.4 94.3





#95  
 Naphthalene  
 Concen: 47.076 ug/l  
 RT: 14.089 min Scan# 3965  
 Delta R.T. -0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25

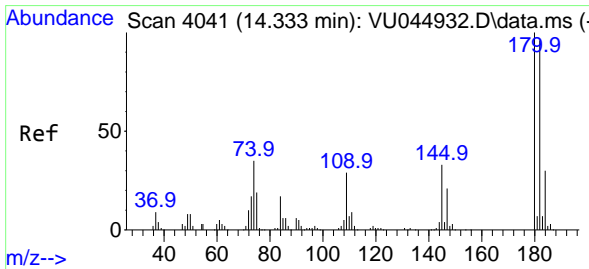
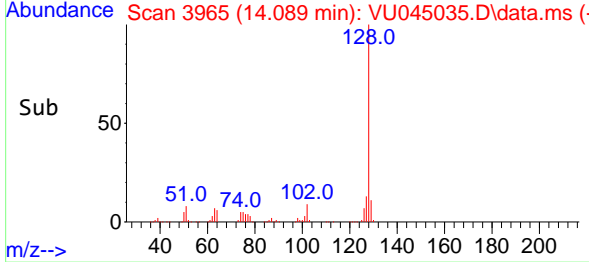
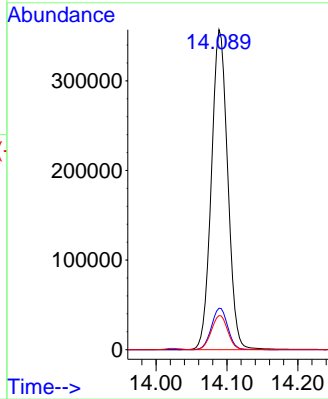
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDCCC050



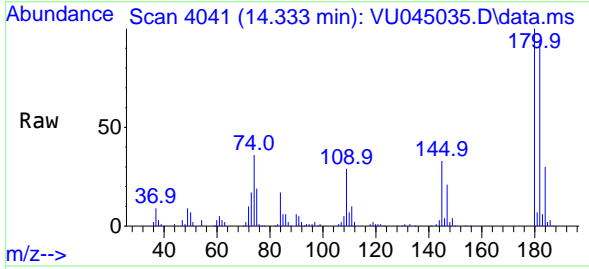
Tgt Ion:128 Resp: 570761

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/1/2021 11:03:27 AM



#96  
 1,2,3-Trichlorobenzene  
 Concen: 48.575 ug/l  
 RT: 14.333 min Scan# 4041  
 Delta R.T. 0.000 min  
 Lab File: VU045035.D  
 Acq: 30 Sep 2021 10:25



Tgt Ion:180 Resp: 157260

Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.1	141.4
145	33.3	16.4	49.2

