

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032521\  
 Data File : VU042776.D  
 Acq On : 25 Mar 2021 11:45  
 Operator : SY/MD  
 Sample : VU0325MBS01  
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0325MBS01

Manual Integrations  
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 3/30/2021 10:59:20 AM

Quant Time: Mar 26 02:03:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U032421W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 25 05:42:00 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.385	168	112072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	175681	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	168256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	93696	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	89816	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	5.298	113	64121	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	7.906	98	230042	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	10.642	95	87150	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.389	85	26025	19.76	ug/l	98
3) Chloromethane	1.524	50	27759	19.47	ug/l	98
4) Vinyl Chloride	1.607	62	25006	19.27	ug/l	95
5) Bromomethane	1.861	94	21180	23.11	ug/l	95
6) Chloroethane	1.938	64	19132	18.18	ug/l	99
7) Trichlorofluoromethane	2.144	101	44588	19.71	ug/l	97
8) Diethyl Ether	2.382	74	13883	19.69	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.588	101	21223	19.57	ug/l	100
10) Methyl Iodide	2.729	142	25650	17.54	ug/l	99
11) Tert butyl alcohol	3.228	59	41560	108.81	ug/l	99
12) 1,1-Dichloroethene	2.588	96	19818	19.50	ug/l	98
13) Acrolein	2.495	56	12984	96.44	ug/l	95
14) Allyl chloride	2.932	41	44590	20.08	ug/l	98
15) Acrylonitrile	3.327	53	87876	100.31	ug/l	99
16) Acetone	2.643	43	87934	87.61	ug/l	99
17) Carbon Disulfide	2.800	76	56083	19.50	ug/l	98
18) Methyl Acetate	2.958	43	42341	20.69	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	77914	20.20	ug/l	98
20) Methylene Chloride	3.054	84	24275	18.87	ug/l	97
21) trans-1,2-Dichloroethene	3.363	96	21879	19.18	ug/l	94
22) Diisopropyl ether	4.003	45	89508	20.02	ug/l	90
23) Vinyl Acetate	3.967	43	409070	98.33	ug/l	100
24) 1,1-Dichloroethane	3.880	63	45623	19.58	ug/l	97
25) 2-Butanone	4.716	43	140351	96.52	ug/l	99
26) 2,2-Dichloropropane	4.678	77	39169	19.03	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	25959	19.88	ug/l	99
28) Bromochloromethane	4.986	49	24941	21.44	ug/l	100
29) Tetrahydrofuran	5.064	42	90160	100.23	ug/l	99
30) Chloroform	5.099	83	48428	19.66	ug/l	98
31) Cyclohexane	5.398	56	41720	18.76	ug/l	96
32) 1,1,1-Trichloroethane	5.327	97	42669	19.51	ug/l	99
36) 1,1-Dichloropropene	5.536	75	32993	18.99	ug/l	99
37) Ethyl Acetate	4.816	43	54887	20.35	ug/l	99
38) Carbon Tetrachloride	5.536	117	37321	18.82	ug/l	98
39) Methylcyclohexane	6.774	83	36962	18.57	ug/l	98
40) Benzene	5.784	78	96983	18.66	ug/l	100

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 Quant Title : SW846 8260  
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	27539	19.49	ug/l	96
42) 1,2-Dichloroethane	5.803	62	42943	19.27	ug/l	99
43) Isopropyl Acetate	5.922	43	78011	19.21	ug/l	99
44) Trichloroethene	6.552	130	26108	19.54	ug/l	98
45) 1,2-Dichloropropane	6.800	63	26655	19.28	ug/l	100
46) Dibromomethane	6.929	93	19932	20.23	ug/l	98
47) Bromodichloromethane	7.115	83	37552	18.76	ug/l	96
48) Methyl methacrylate	6.967	41	38307	19.54	ug/l	99
49) 1,4-Dioxane	7.009	88	16970	409.78	ug/l #	92
51) 4-Methyl-2-Pentanone	7.803	43	274922	96.75	ug/l	100
52) Toluene	7.980	92	61535	19.36	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	40038	18.91	ug/l	98
54) cis-1,3-Dichloropropene	7.617	75	41203	18.59	ug/l	95
55) 1,1,2-Trichloroethane	8.411	97	25851	18.91	ug/l	97
56) Ethyl methacrylate	8.343	69	40113	19.20	ug/l	99
57) 1,3-Dichloropropane	8.584	76	44358	18.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	49727	93.08	ug/l	99
59) 2-Hexanone	8.697	43	222170	98.31	ug/l	99
60) Dibromochloromethane	8.819	129	29296	18.43	ug/l	99
61) 1,2-Dibromoethane	8.935	107	29298	18.84	ug/l	98
64) Tetrachloroethene	8.562	164	26326	19.38	ug/l	98
65) Chlorobenzene	9.456	112	65795	19.23	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.543	131	25807	18.96	ug/l	98
67) Ethyl Benzene	9.578	91	120369	19.62	ug/l	100
68) m/p-Xylenes	9.703	106	90774	40.14	ug/l	99
69) o-Xylene	10.108	106	42092	19.23	ug/l	96
70) Styrene	10.121	104	71771	19.41	ug/l	100
71) Bromoform	10.298	173	23832	18.46	ug/l #	99
73) Isopropylbenzene	10.494	105	118950	20.06	ug/l	99
74) N-amyl acetate	10.330	43	66866	19.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.793	83	46401	19.14	ug/l	99
76) 1,2,3-Trichloropropane	10.835	75	43997m	18.46	ug/l	
77) Bromobenzene	10.790	156	31971	19.59	ug/l	99
78) n-propylbenzene	10.916	91	142145	20.36	ug/l	99
79) 2-Chlorotoluene	10.996	91	84517	20.07	ug/l	100
80) 1,3,5-Trimethylbenzene	11.096	105	104947	20.40	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	13518	16.81	ug/l	90
82) 4-Chlorotoluene	11.105	91	102279	20.33	ug/l	98
83) tert-Butylbenzene	11.430	119	98446	19.64	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	106845	20.56	ug/l	98
85) sec-Butylbenzene	11.652	105	121346	20.83	ug/l	100
86) p-Isopropyltoluene	11.803	119	111819	20.97	ug/l	99
87) 1,3-Dichlorobenzene	11.755	146	57650	19.66	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	57743	19.17	ug/l	98
89) n-Butylbenzene	12.218	91	101316	20.14	ug/l	100
90) Hexachloroethane	12.485	117	19528	19.40	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	59402	19.90	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	11844	18.45	ug/l	95
93) 1,2,4-Trichlorobenzene	13.851	180	39224	20.61	ug/l	99
94) Hexachlorobutadiene	14.031	225	22100	19.85	ug/l	98
95) Naphthalene	14.095	128	108365	18.75	ug/l	99
96) 1,2,3-Trichlorobenzene	14.340	180	40029	20.78	ug/l	99

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 ALS Vial : 5 Sample Multiplier: 1

**Instrument :**  
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**ClientSampleId :**  
 VU0325MBS01

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 Quant Title : SW846 8260  
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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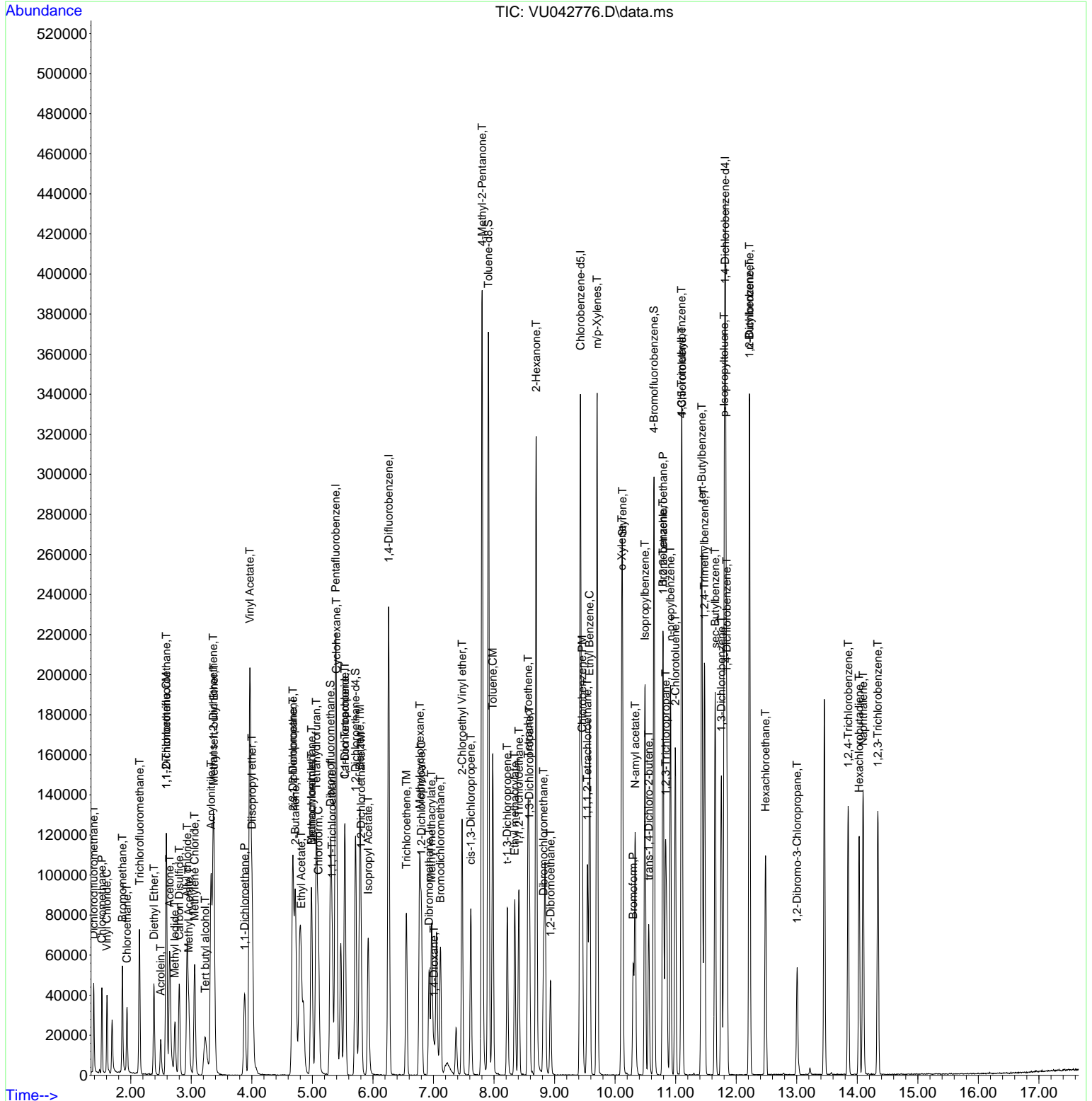
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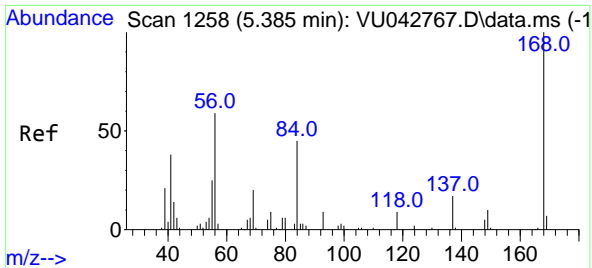
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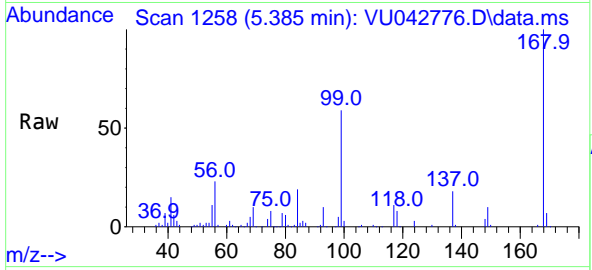
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#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.385 min Scan# 1258  
 Delta R.T. 0.000 min  
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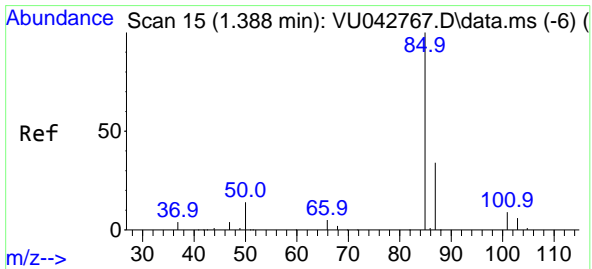
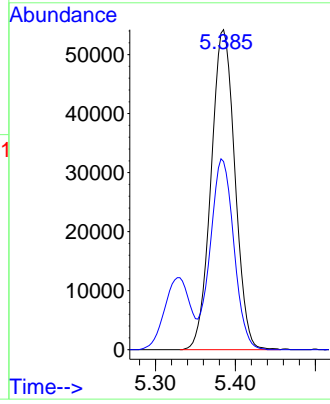
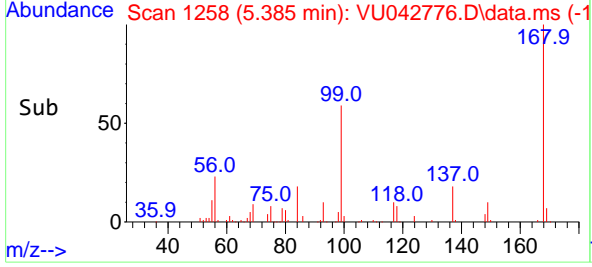
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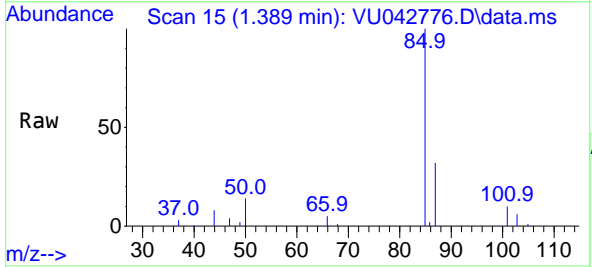
Tgt Ion: 168 Resp: 112072  
 Ion Ratio Lower Upper  
 168 100  
 99 58.8 46.4 69.6

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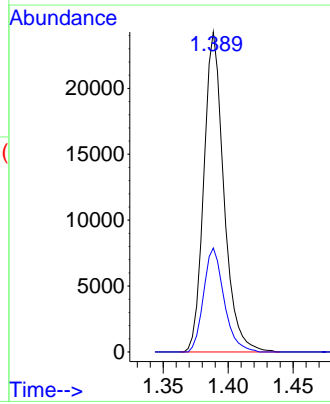
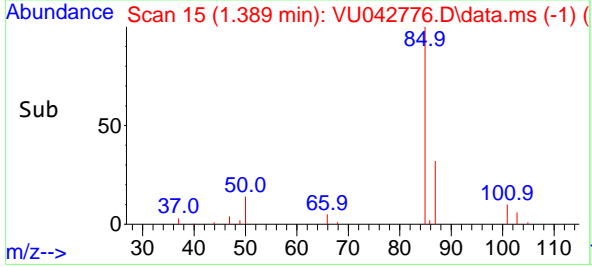
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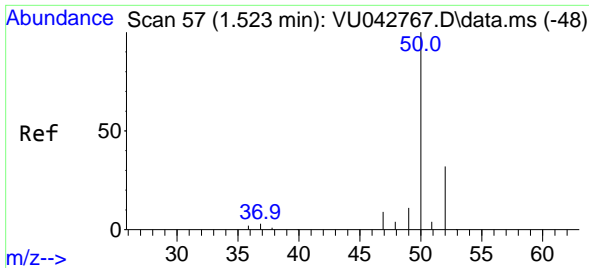


#2  
 Dichlorodifluoromethane  
 Concen: 19.76 ug/l  
 RT: 1.389 min Scan# 15  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
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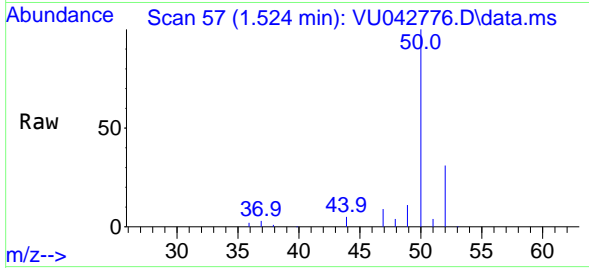
Tgt Ion: 85 Resp: 26025  
 Ion Ratio Lower Upper  
 85 100  
 87 32.5 16.8 50.3





#3  
 Chloromethane  
 Concen: 19.47 ug/l  
 RT: 1.524 min Scan# 57  
 Delta R.T. 0.001 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

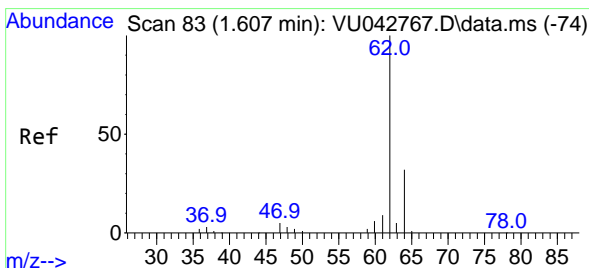
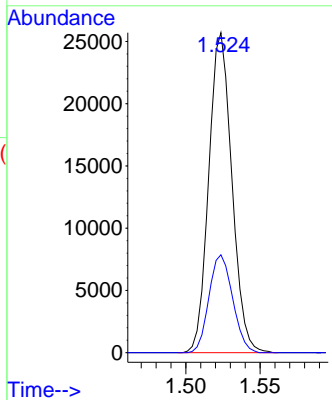
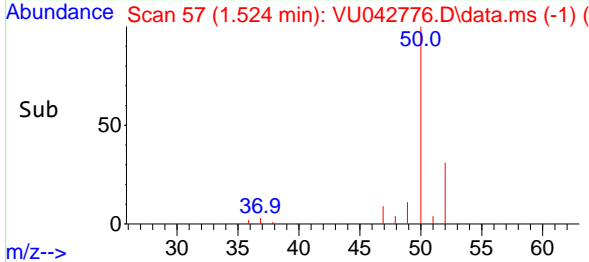
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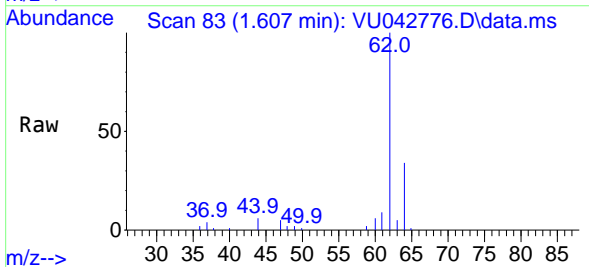
Tgt Ion: 50 Resp: 27759  
 Ion Ratio Lower Upper  
 50 100  
 52 30.6 25.4 38.0

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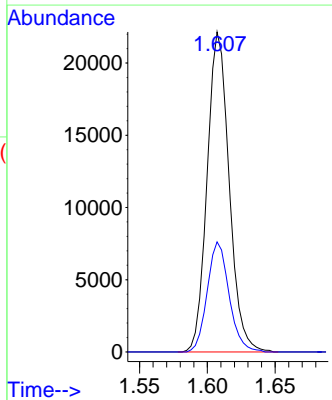
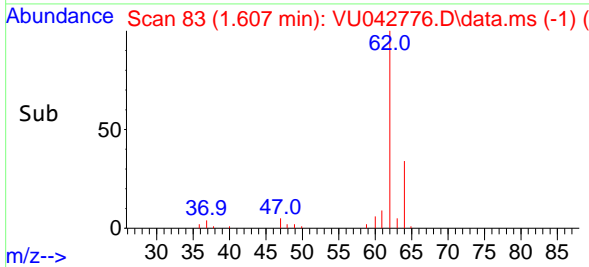
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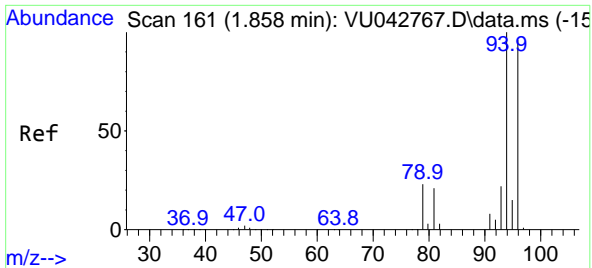


#4  
 Vinyl Chloride  
 Concen: 19.27 ug/l  
 RT: 1.607 min Scan# 83  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



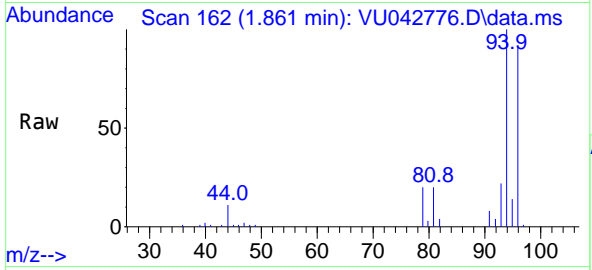
Tgt Ion: 62 Resp: 25006  
 Ion Ratio Lower Upper  
 62 100  
 64 34.4 25.4 38.0





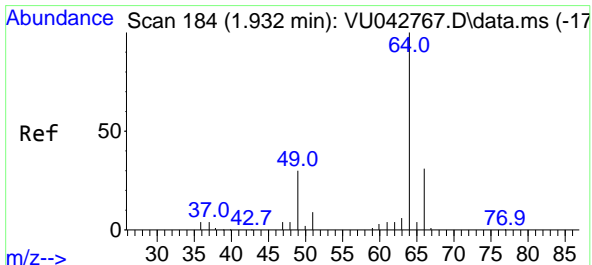
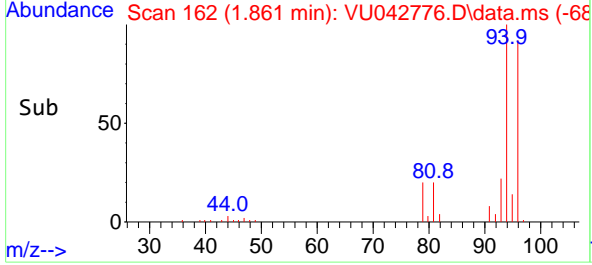
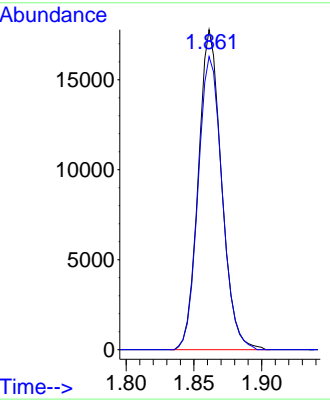
#5  
 Bromomethane  
 Concen: 23.11 ug/l  
 RT: 1.861 min Scan# 162  
 Delta R.T. 0.003 min  
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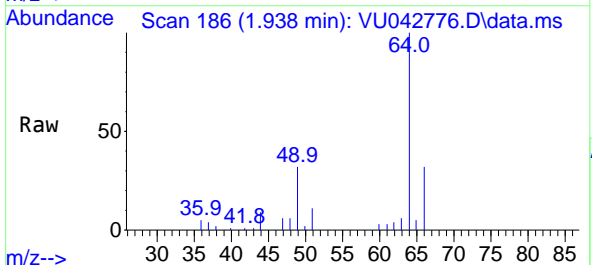


Tgt Ion: 94 Resp: 21180  
 Ion Ratio Lower Upper  
 94 100  
 96 91.6 77.1 115.7

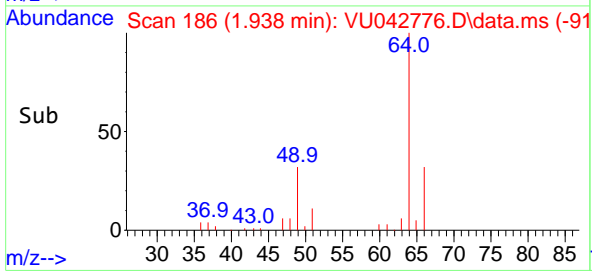
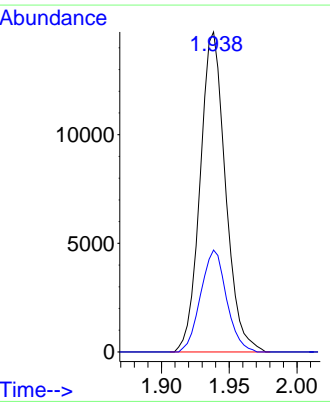
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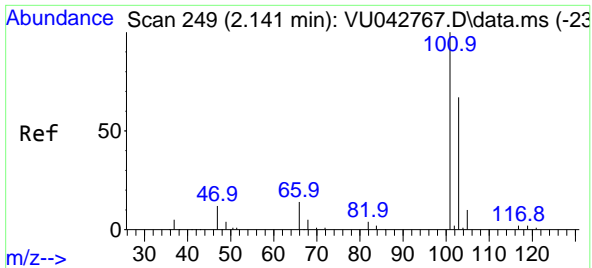


#6  
 Chloroethane  
 Concen: 18.18 ug/l  
 RT: 1.938 min Scan# 186  
 Delta R.T. 0.006 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



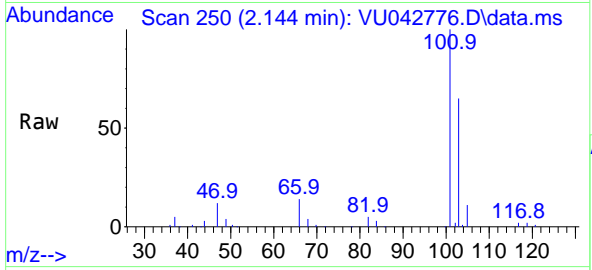
Tgt Ion: 64 Resp: 19132  
 Ion Ratio Lower Upper  
 64 100  
 66 31.9 25.0 37.6





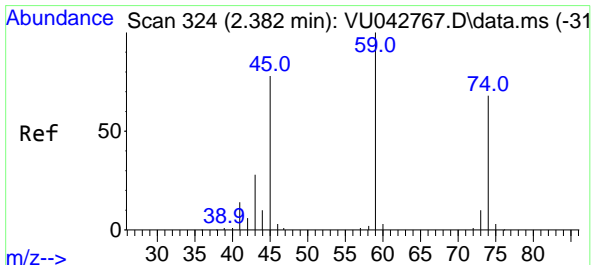
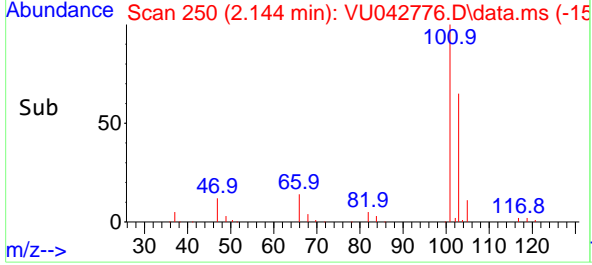
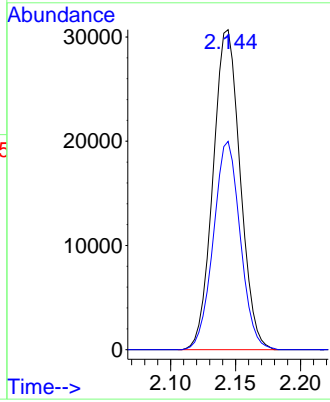
#7  
 Trichlorofluoromethane  
 Concen: 19.71 ug/l  
 RT: 2.144 min Scan# 250  
 Delta R.T. 0.003 min  
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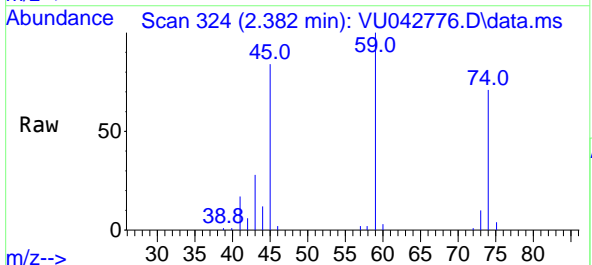


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 Ion Ratio Lower Upper  
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 103 65.1 53.8 80.8

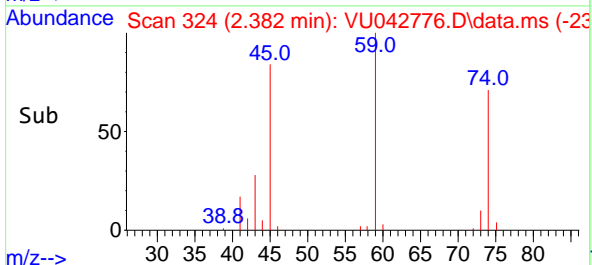
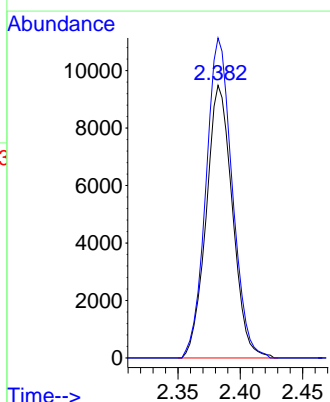
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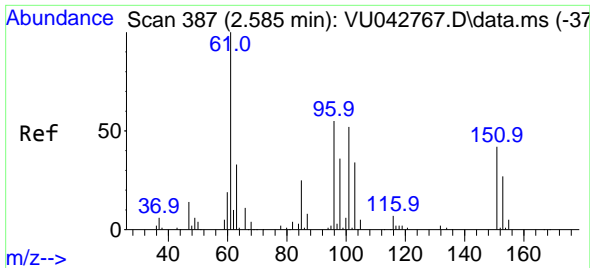
#8  
 Diethyl Ether  
 Concen: 19.69 ug/l  
 RT: 2.382 min Scan# 324  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



Tgt Ion: 74 Resp: 13883  
 Ion Ratio Lower Upper  
 74 100  
 45 117.8 59.0 177.0

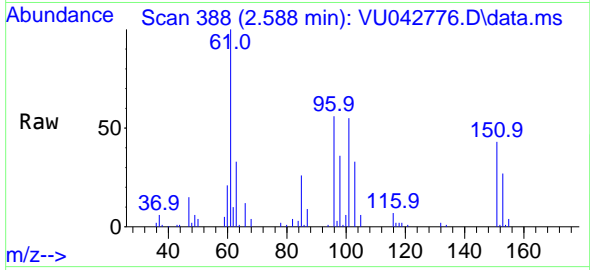






#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 19.57 ug/l  
 RT: 2.588 min Scan# 388  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

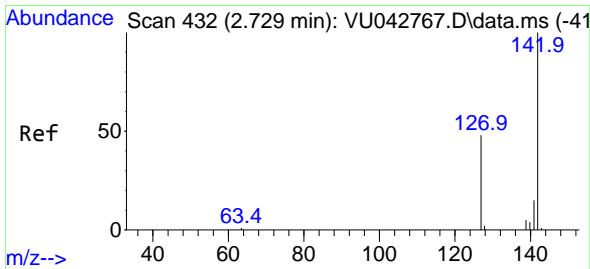
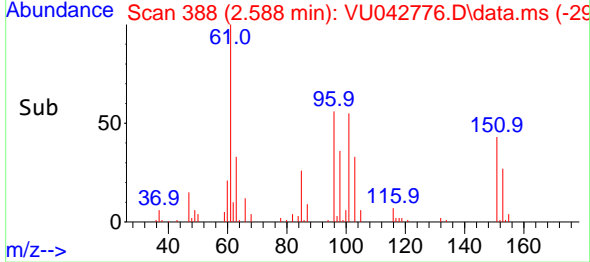
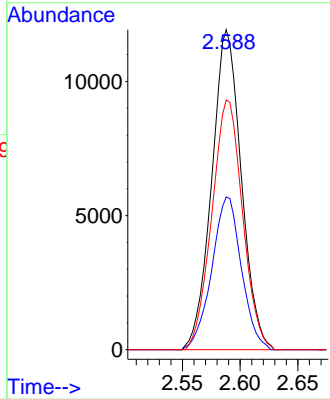
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01



Tgt Ion:101 Resp: 21223

Ion	Ratio	Lower	Upper
101	100		
85	48.0	38.4	57.6
151	81.0	65.2	97.8

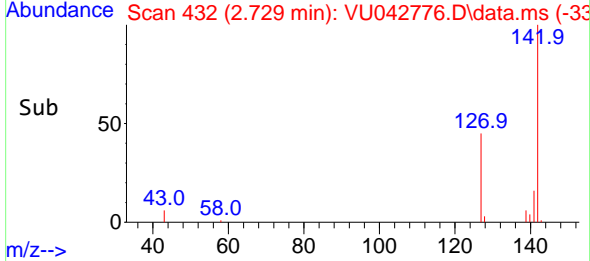
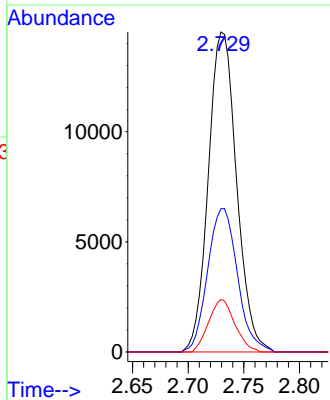
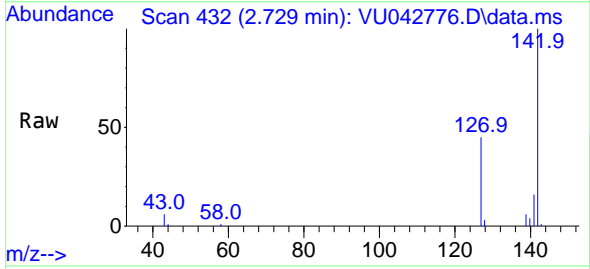
**Manual Integrations**  
**APPROVED**  
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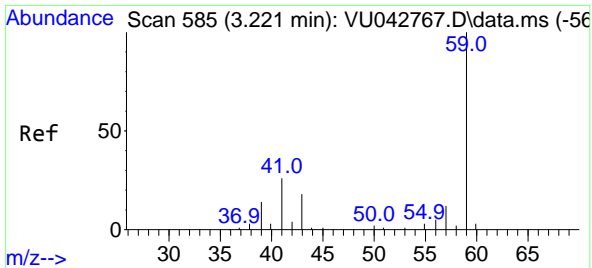


#10  
 Methyl Iodide  
 Concen: 17.54 ug/l  
 RT: 2.729 min Scan# 432  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

Tgt Ion:142 Resp: 25650

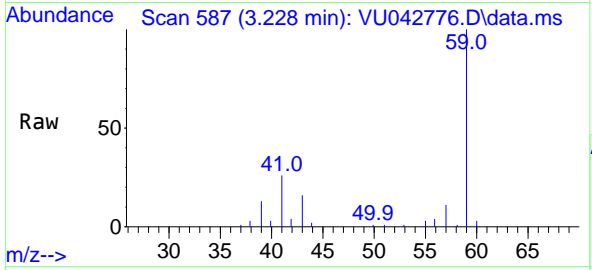
Ion	Ratio	Lower	Upper
142	100		
127	47.3	38.7	58.1
141	15.1	12.0	18.0





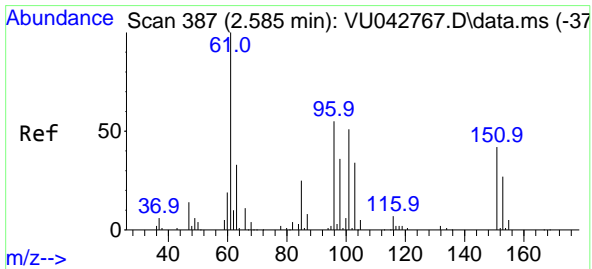
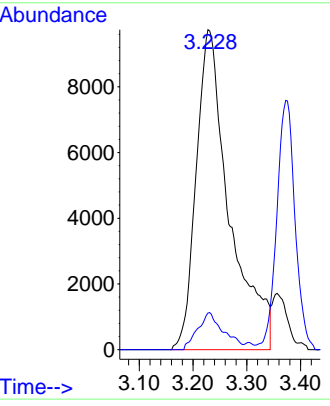
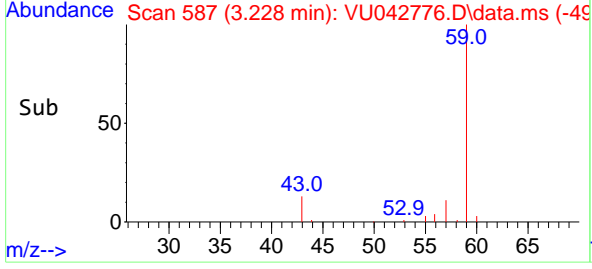
#11  
 Tert butyl alcohol  
 Concen: 108.81 ug/l  
 RT: 3.228 min Scan# 587  
 Delta R.T. 0.007 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

Instrument : MSVOA\_U  
 Client Sampled : VU0325MBS01

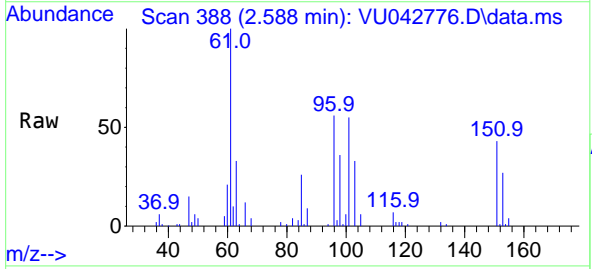


Tgt Ion: 59 Resp: 41560  
 Ion Ratio Lower Upper  
 59 100  
 57 9.0 7.4 11.2

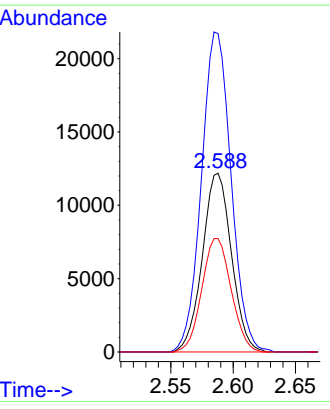
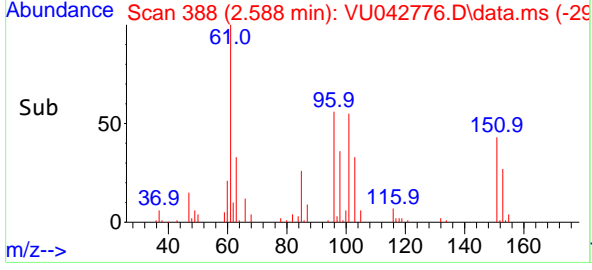
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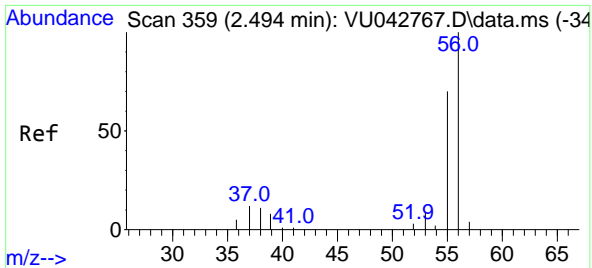


#12  
 1,1-Dichloroethene  
 Concen: 19.50 ug/l  
 RT: 2.588 min Scan# 388  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



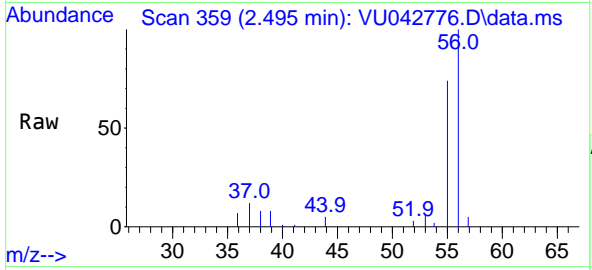
Tgt Ion: 96 Resp: 19818  
 Ion Ratio Lower Upper  
 96 100  
 61 178.3 144.9 217.3  
 98 63.5 51.9 77.9





#13  
 Acrolein  
 Concen: 96.44 ug/l  
 RT: 2.495 min Scan# 359  
 Delta R.T. 0.001 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

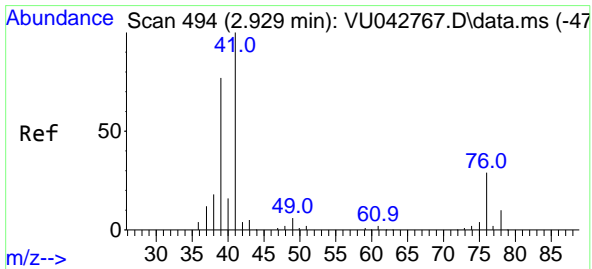
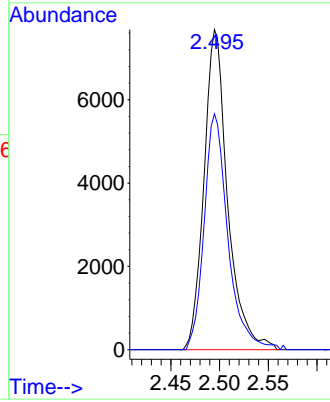
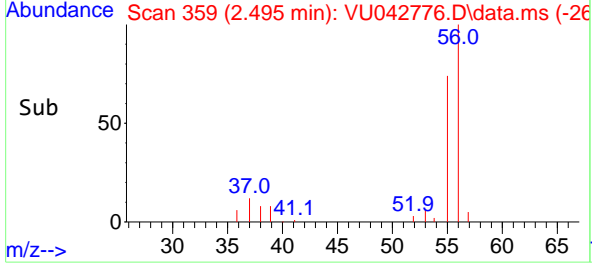
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VU0325MBS01



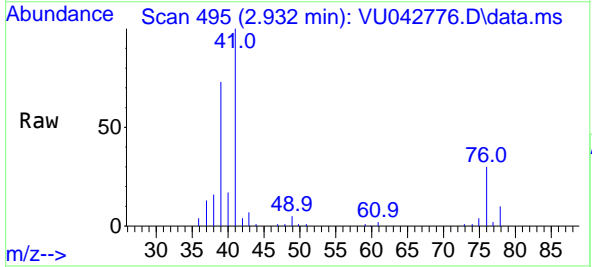
Tgt Ion: 56 Resp: 12984  
 Ion Ratio Lower Upper  
 56 100  
 55 73.9 55.8 83.8

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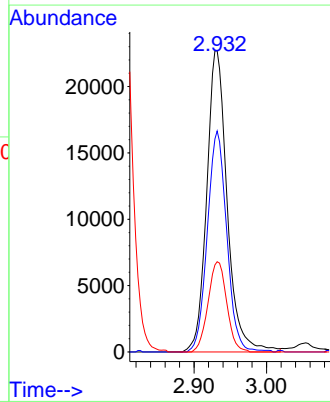
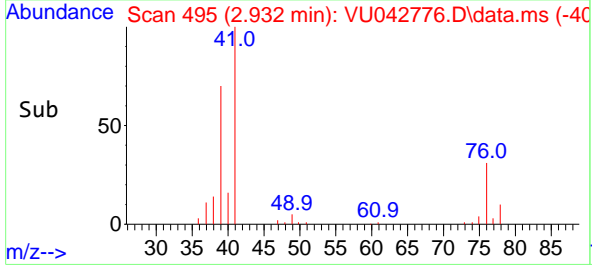
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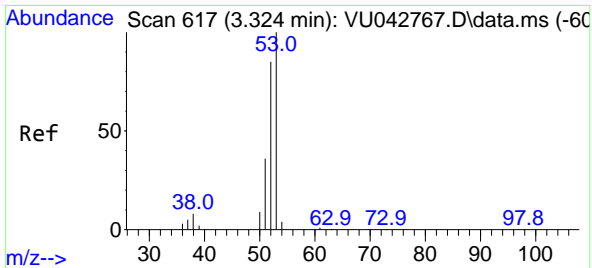


#14  
 Allyl chloride  
 Concen: 20.08 ug/l  
 RT: 2.932 min Scan# 495  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



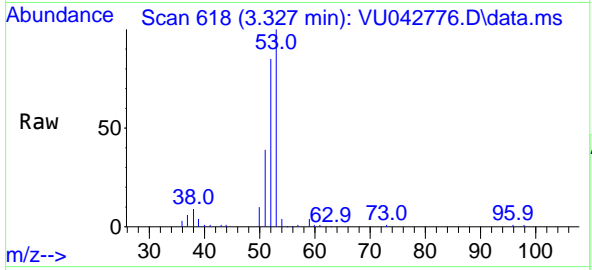
Tgt Ion: 41 Resp: 44590  
 Ion Ratio Lower Upper  
 41 100  
 39 69.5 57.4 86.2  
 76 27.3 22.0 33.0





#15  
 Acrylonitrile  
 Concen: 100.31 ug/l  
 RT: 3.327 min Scan# 618  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

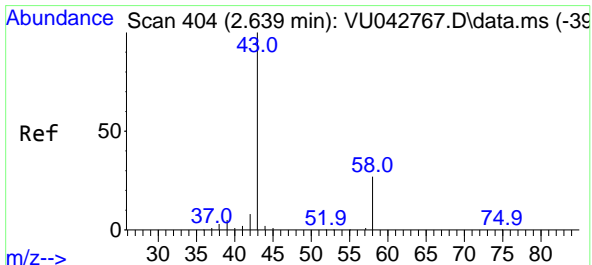
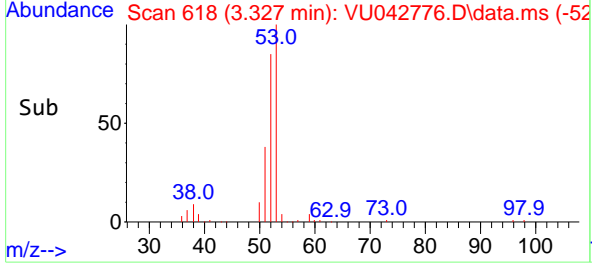
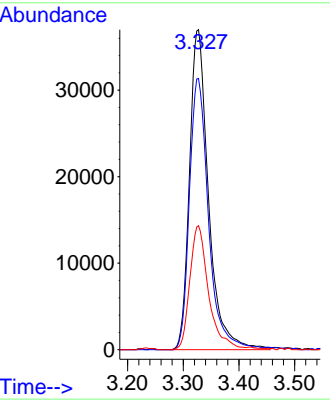
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01



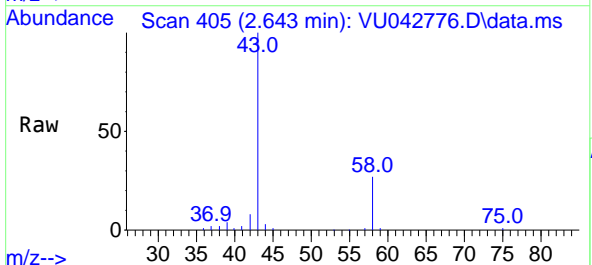
Tgt Ion: 53 Resp: 87876

Ion	Ratio	Lower	Upper
53	100		
52	84.9	67.4	101.0
51	38.2	29.8	44.6

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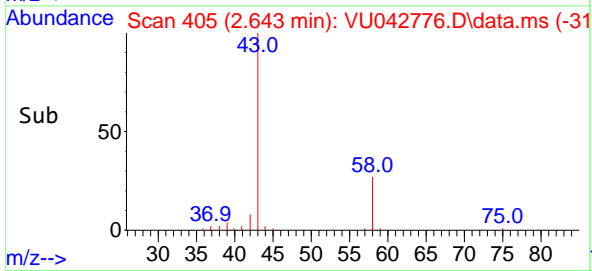
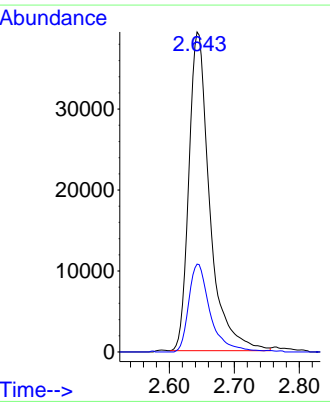


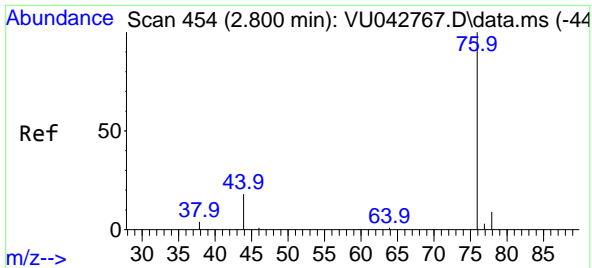
#16  
 Acetone  
 Concen: 87.61 ug/l  
 RT: 2.643 min Scan# 405  
 Delta R.T. 0.004 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



Tgt Ion: 43 Resp: 87934

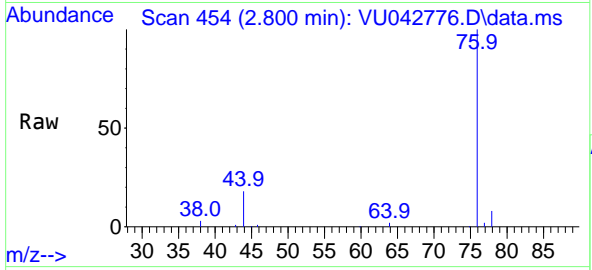
Ion	Ratio	Lower	Upper
43	100		
58	27.6	21.6	32.4





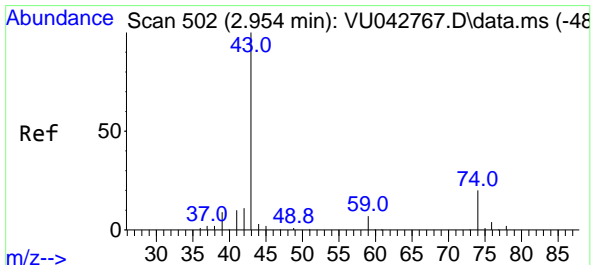
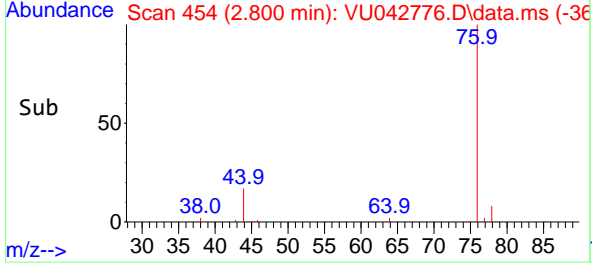
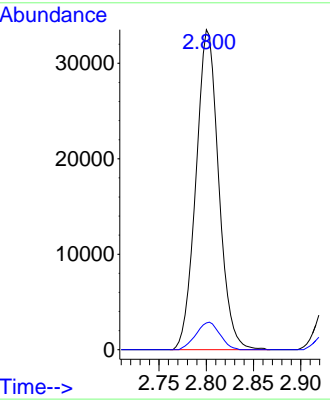
#17  
 Carbon Disulfide  
 Concen: 19.50 ug/l  
 RT: 2.800 min Scan# 454  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01

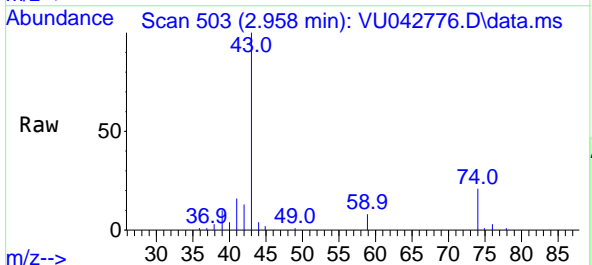


Tgt Ion: 76 Resp: 56083  
 Ion Ratio Lower Upper  
 76 100  
 78 8.4 7.3 10.9

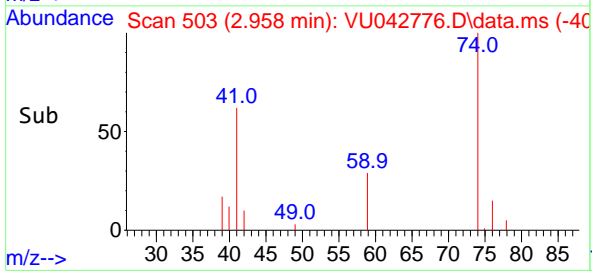
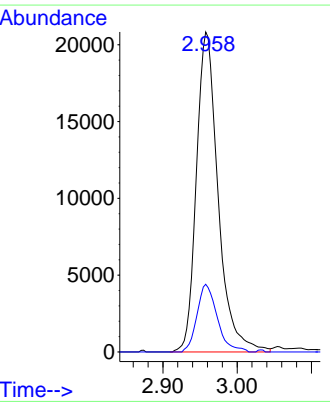
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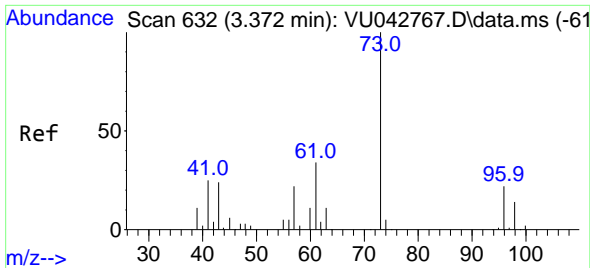


#18  
 Methyl Acetate  
 Concen: 20.69 ug/l  
 RT: 2.958 min Scan# 503  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



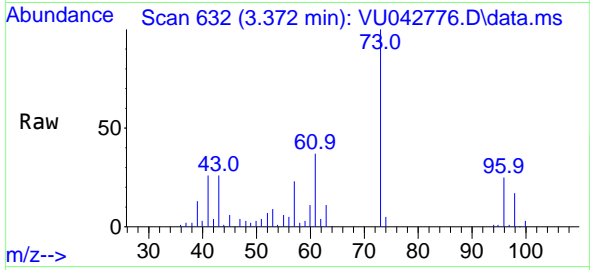
Tgt Ion: 43 Resp: 42341  
 Ion Ratio Lower Upper  
 43 100  
 74 19.7 16.2 24.4





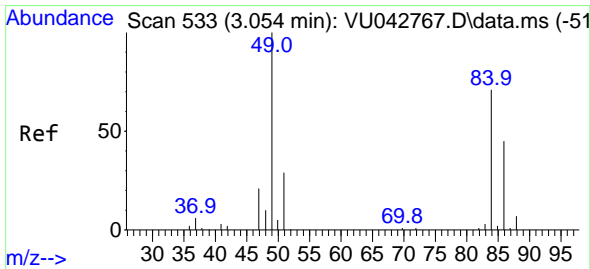
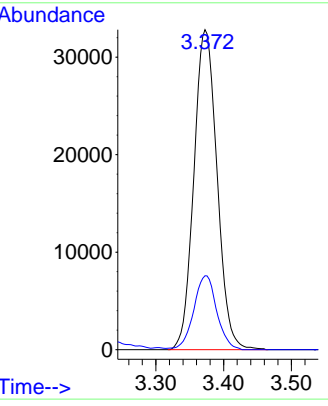
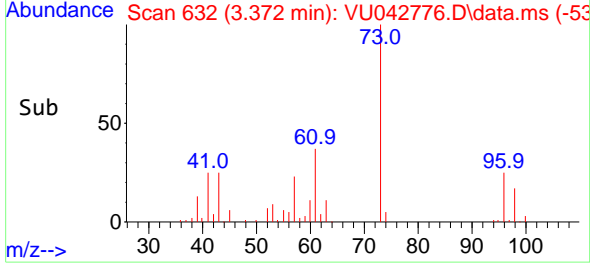
#19  
 Methyl tert-butyl Ether  
 Concen: 20.20 ug/l  
 RT: 3.372 min Scan# 632  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01

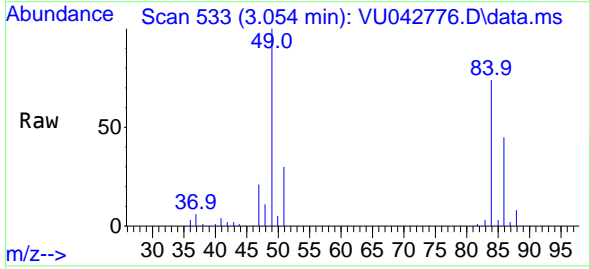


Tgt Ion: 73 Resp: 77914  
 Ion Ratio Lower Upper  
 73 100  
 57 23.1 17.8 26.6

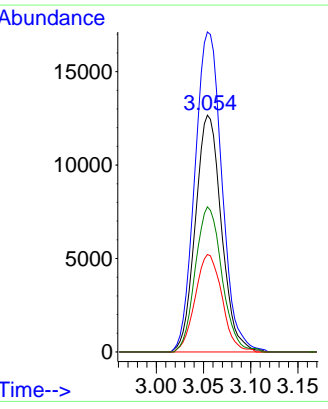
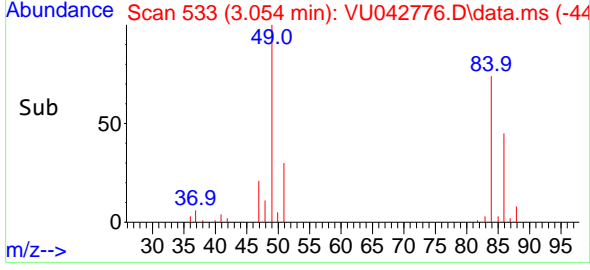
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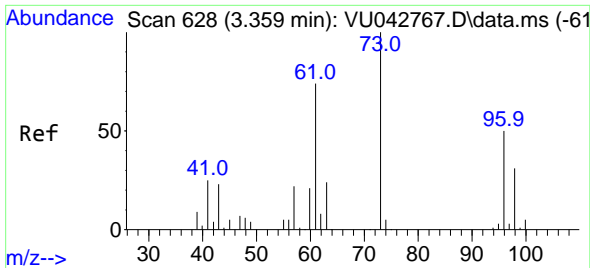


#20  
 Methylene Chloride  
 Concen: 18.87 ug/l  
 RT: 3.054 min Scan# 533  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



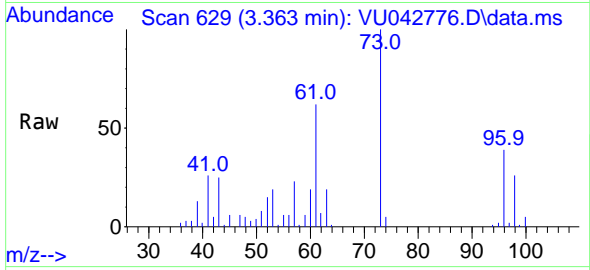
Tgt Ion: 84 Resp: 24275  
 Ion Ratio Lower Upper  
 84 100  
 49 135.1 113.0 169.4  
 51 41.2 32.9 49.3  
 86 61.3 50.5 75.7





#21  
 trans-1,2-Dichloroethene  
 Concen: 19.18 ug/l  
 RT: 3.363 min Scan# 629  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

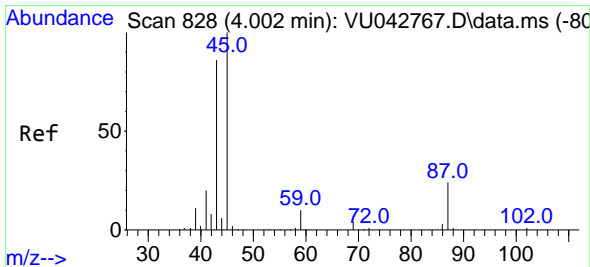
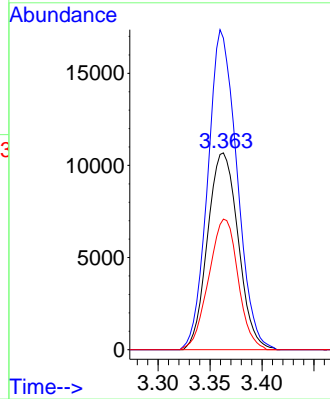
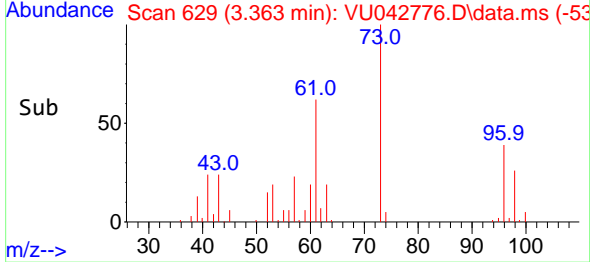
Instrument :  
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 ClientSampled :  
 VU0325MBS01



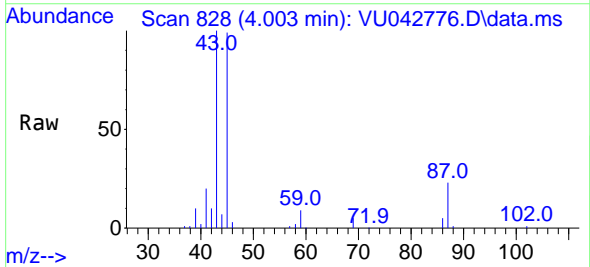
Tgt Ion: 96 Resp: 21879  
 Ion Ratio Lower Upper  
 96 100  
 61 158.4 119.4 179.0  
 98 66.4 50.3 75.5

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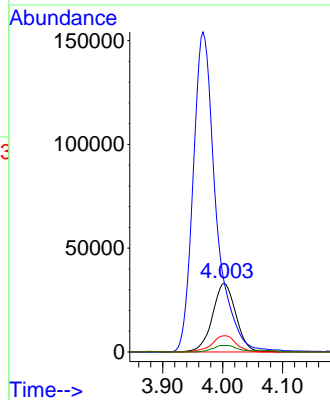
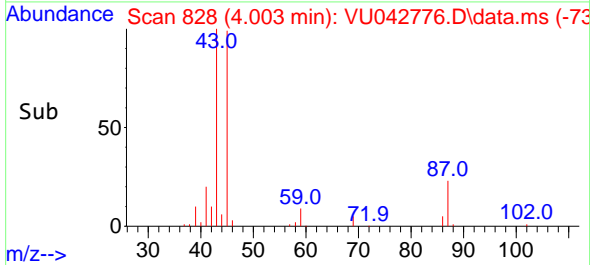
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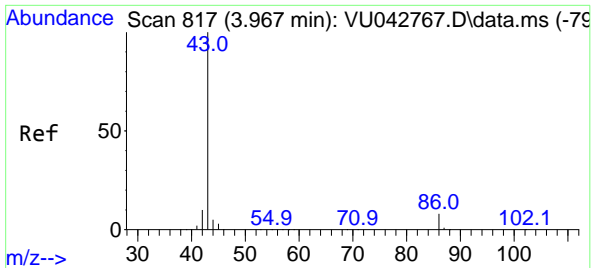


#22  
 Diisopropyl ether  
 Concen: 20.02 ug/l  
 RT: 4.003 min Scan# 828  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



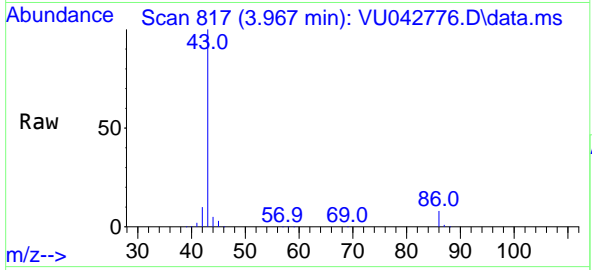
Tgt Ion: 45 Resp: 89508  
 Ion Ratio Lower Upper  
 45 100  
 43 98.5 68.6 102.8  
 87 23.6 19.1 28.7  
 59 9.5 8.3 12.5





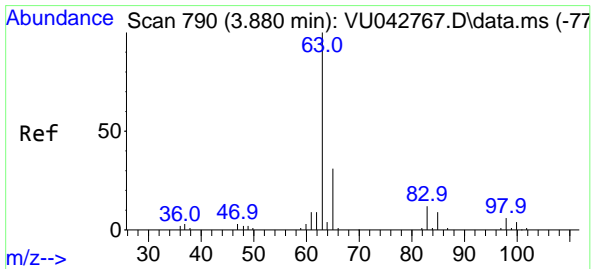
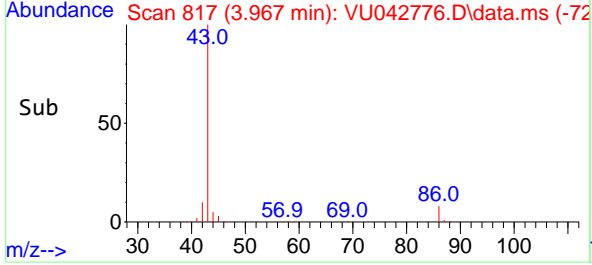
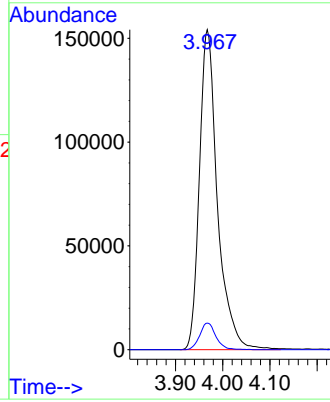
#23  
 Vinyl Acetate  
 Concen: 98.33 ug/l  
 RT: 3.967 min Scan# 817  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VU0325MBS01

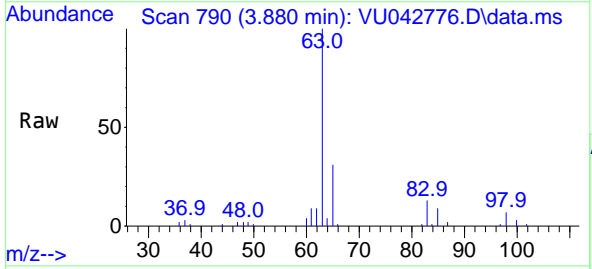


Tgt Ion: 43 Resp: 409070  
 Ion Ratio Lower Upper  
 43 100  
 86 8.3 6.7 10.1

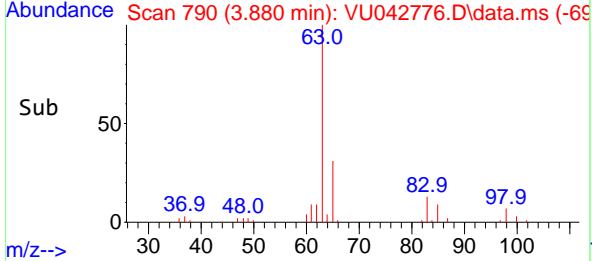
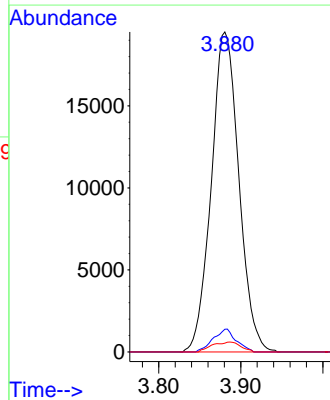
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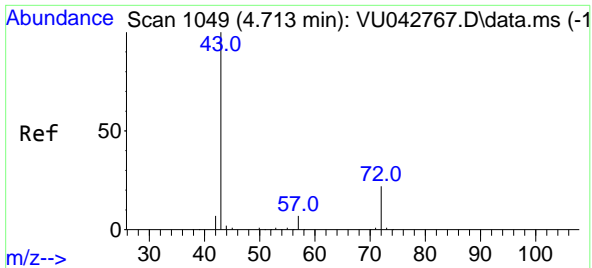
#24  
 1,1-Dichloroethane  
 Concen: 19.58 ug/l  
 RT: 3.880 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



Tgt Ion: 63 Resp: 45623  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 2.9 8.7  
 100 2.8 1.8 5.5

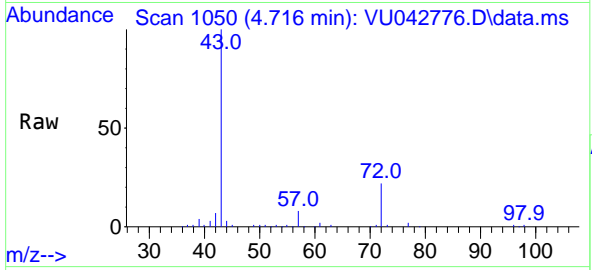






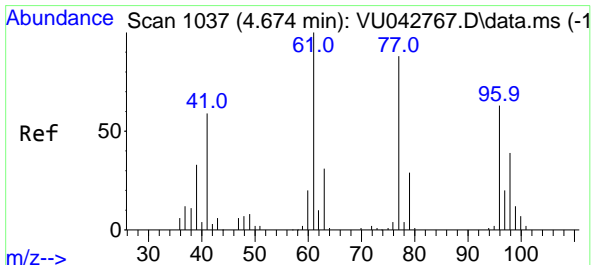
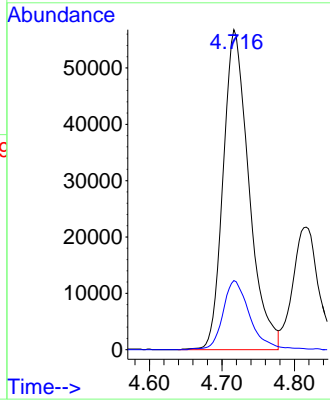
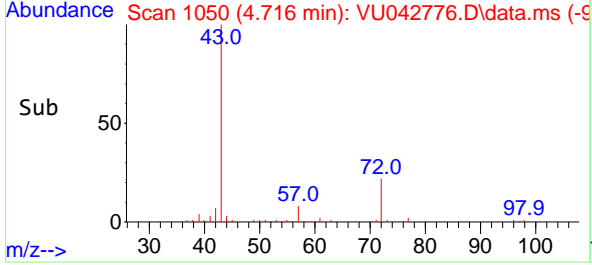
#25  
 2-Butanone  
 Concen: 96.52 ug/l  
 RT: 4.716 min Scan# 1050  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

**Instrument :**  
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**ClientSampled :**  
 VU0325MBS01

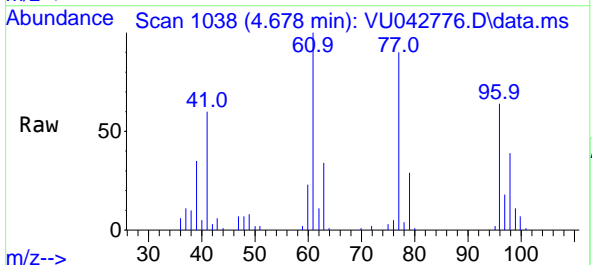


Tgt Ion: 43 Resp: 140351  
 Ion Ratio Lower Upper  
 43 100  
 72 21.6 17.7 26.5

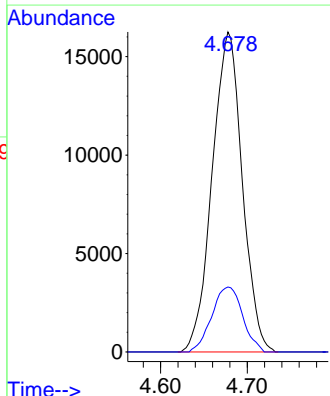
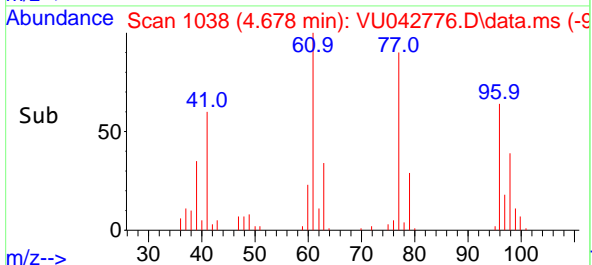
**Manual Integrations**  
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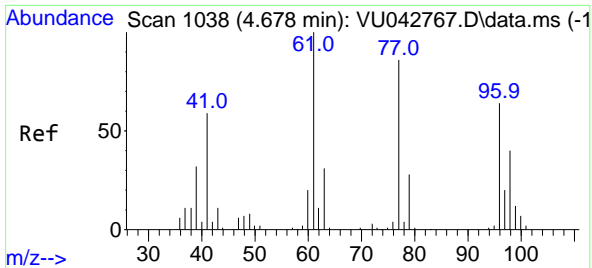


#26  
 2,2-Dichloropropane  
 Concen: 19.03 ug/l  
 RT: 4.678 min Scan# 1038  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



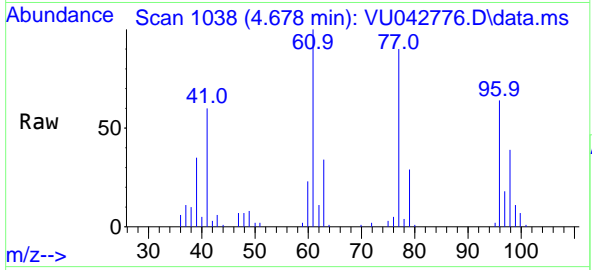
Tgt Ion: 77 Resp: 39169  
 Ion Ratio Lower Upper  
 77 100  
 97 20.8 10.7 31.9





#27  
 cis-1,2-Dichloroethene  
 Concen: 19.88 ug/l  
 RT: 4.678 min Scan# 1038  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

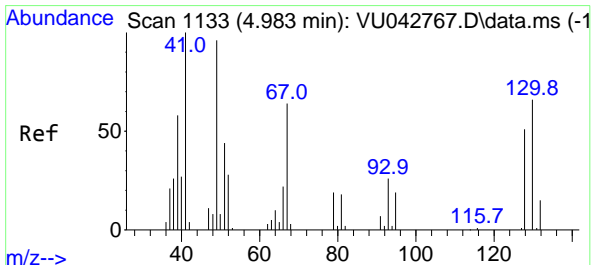
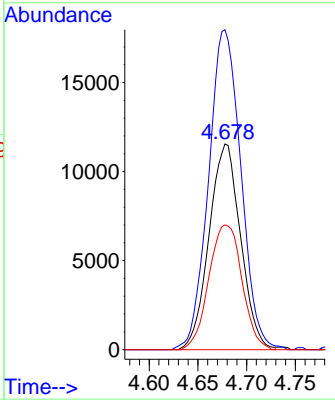
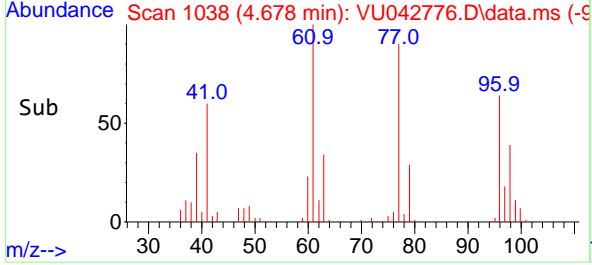
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01



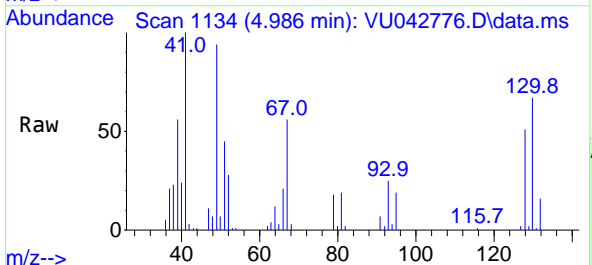
Tgt Ion: 96 Resp: 25959

Ion	Ratio	Lower	Upper
96	100		
61	160.0	0.0	321.8
98	63.8	0.0	128.0

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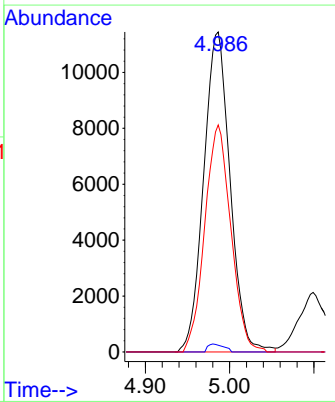
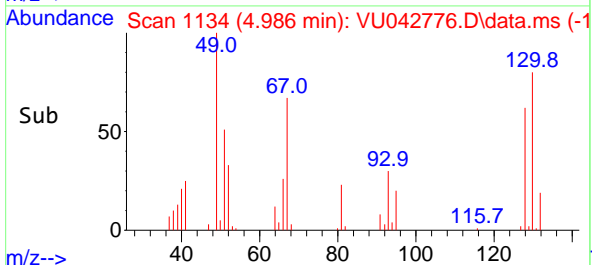


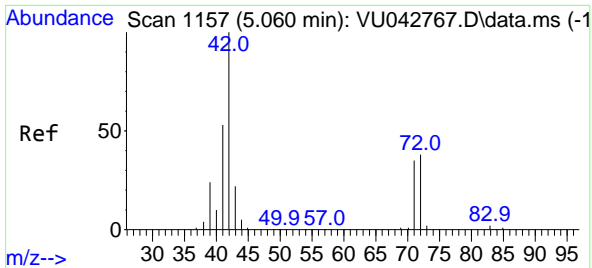
#28  
 Bromochloromethane  
 Concen: 21.44 ug/l  
 RT: 4.986 min Scan# 1134  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



Tgt Ion: 49 Resp: 24941

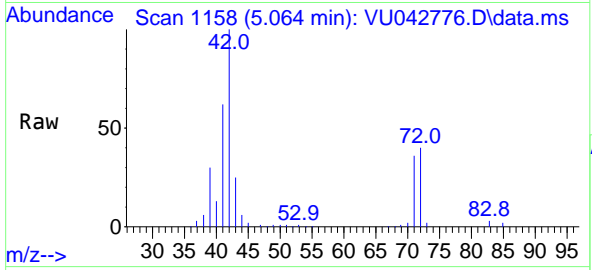
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.0
130	70.1	56.0	84.0





#29  
 Tetrahydrofuran  
 Concen: 100.23 ug/l  
 RT: 5.064 min Scan# 1158  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

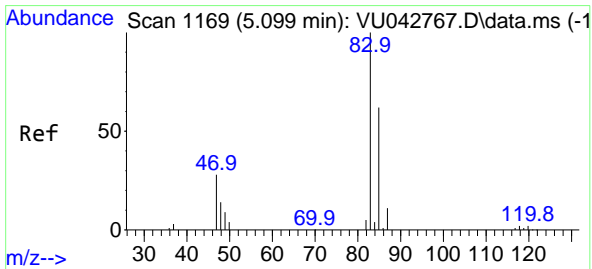
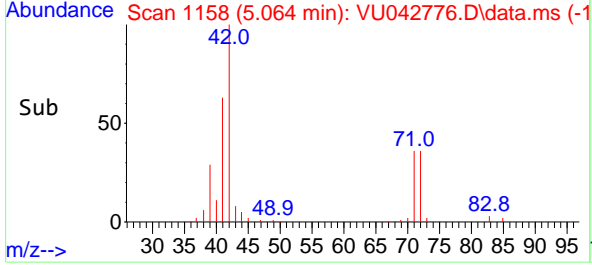
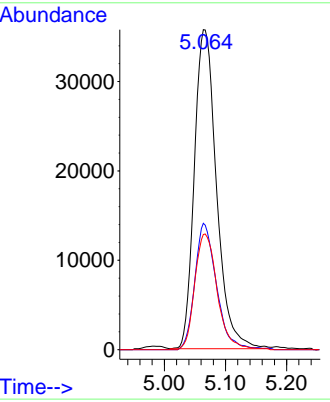
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01



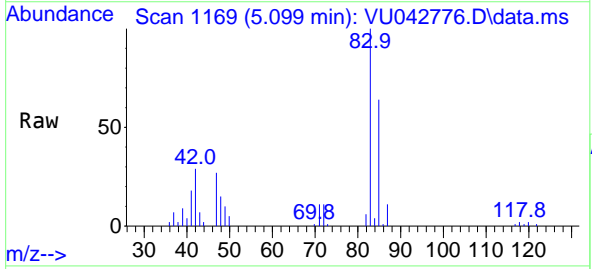
Tgt Ion: 42 Resp: 90160

Ion	Ratio	Lower	Upper
42	100		
72	38.5	30.2	45.4
71	36.6	28.6	42.8

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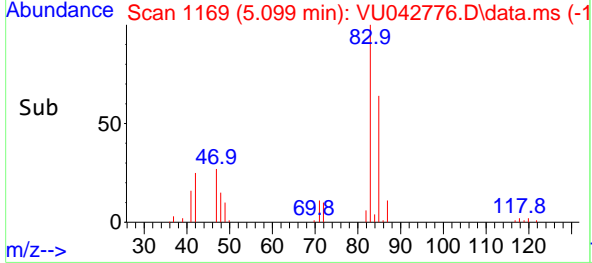
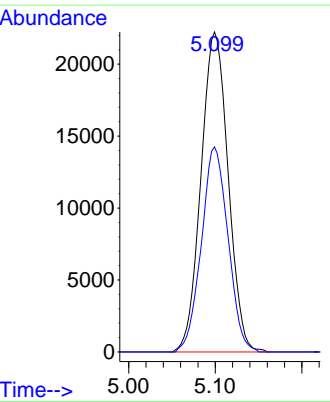


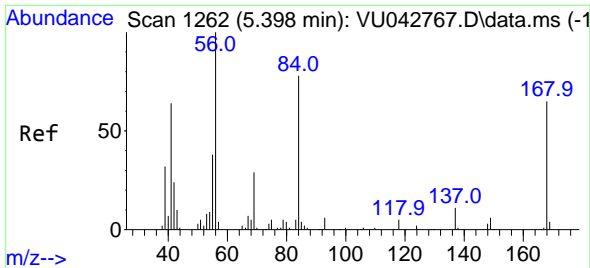
#30  
 Chloroform  
 Concen: 19.66 ug/l  
 RT: 5.099 min Scan# 1169  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



Tgt Ion: 83 Resp: 48428

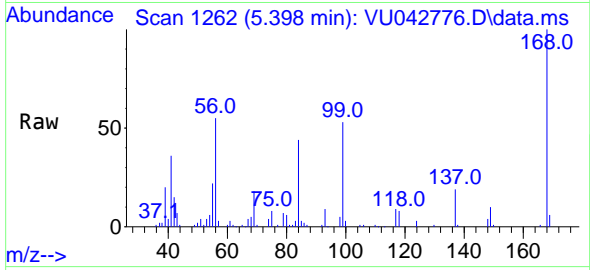
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.9	74.9





#31  
 Cyclohexane  
 Concen: 18.76 ug/l  
 RT: 5.398 min Scan# 1262  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

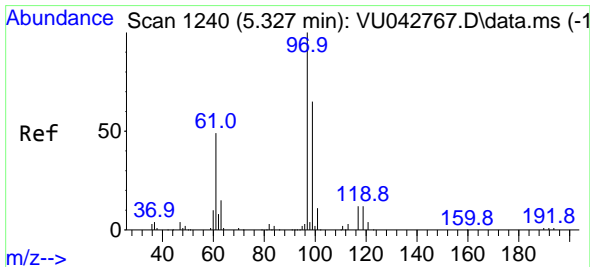
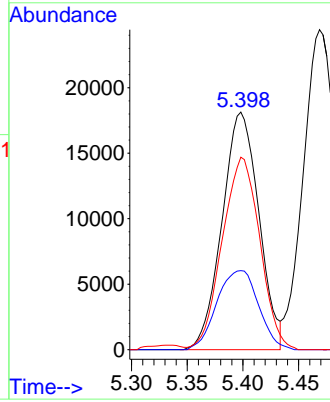
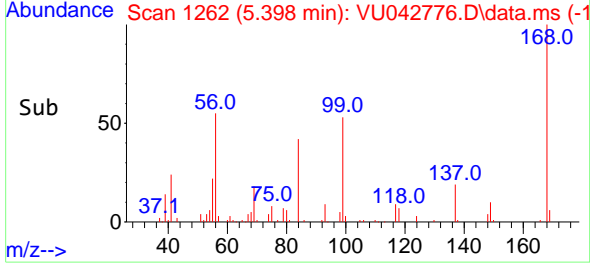
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VU0325MBS01



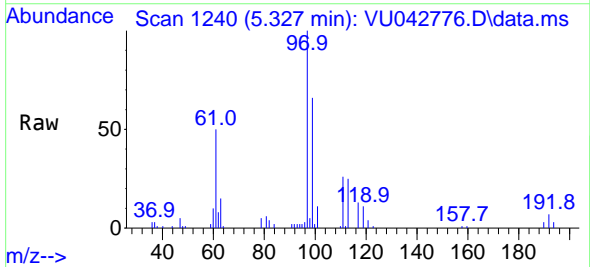
Tgt Ion: 56 Resp: 41720  
 Ion Ratio Lower Upper  
 56 100  
 69 33.3 23.3 34.9  
 84 79.7 62.2 93.4

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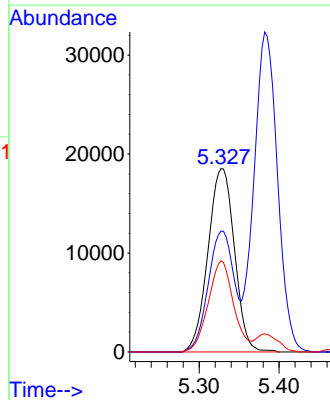
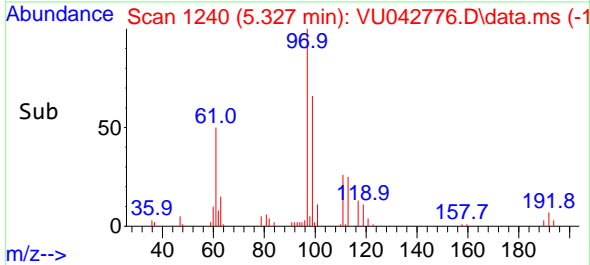
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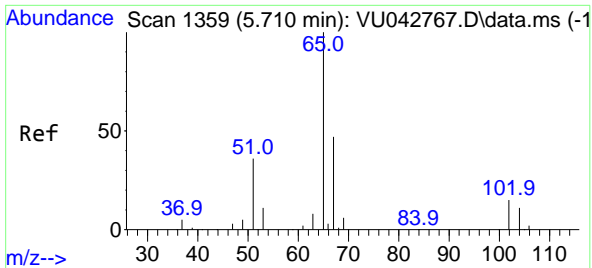


#32  
 1,1,1-Trichloroethane  
 Concen: 19.51 ug/l  
 RT: 5.327 min Scan# 1240  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



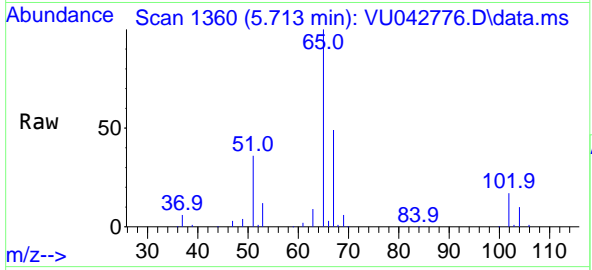
Tgt Ion: 97 Resp: 42669  
 Ion Ratio Lower Upper  
 97 100  
 99 65.3 51.9 77.9  
 61 47.8 39.0 58.6





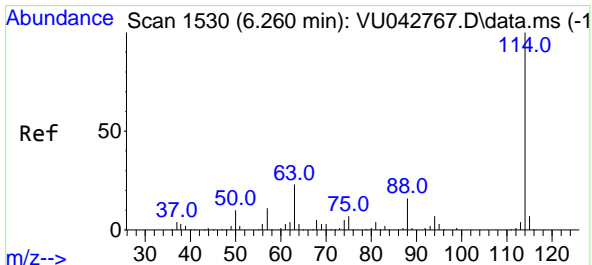
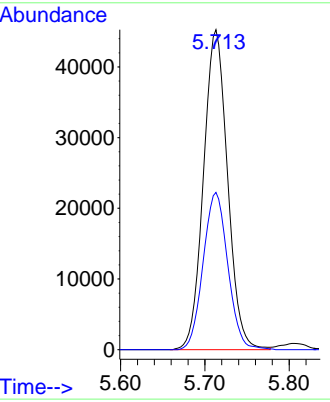
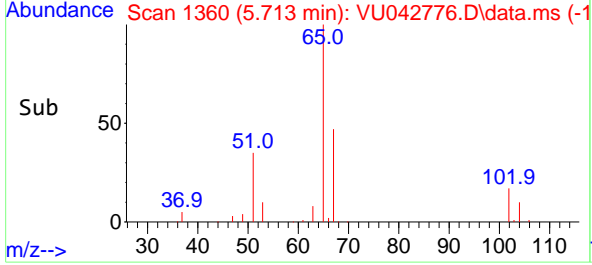
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.27 ug/l  
 RT: 5.713 min Scan# 1360  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

**Instrument :**  
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**ClientSampled :**  
 VU0325MBS01

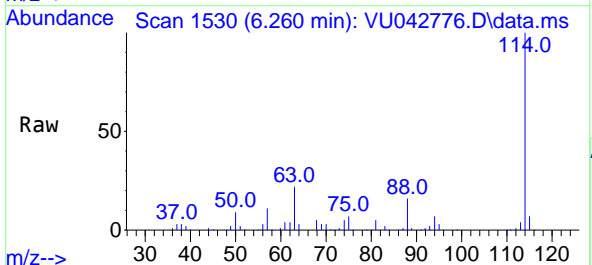


Tgt Ion: 65 Resp: 89816  
 Ion Ratio Lower Upper  
 65 100  
 67 50.4 0.0 98.8

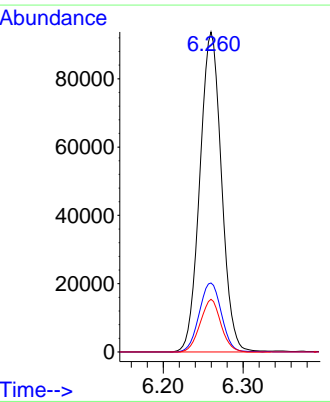
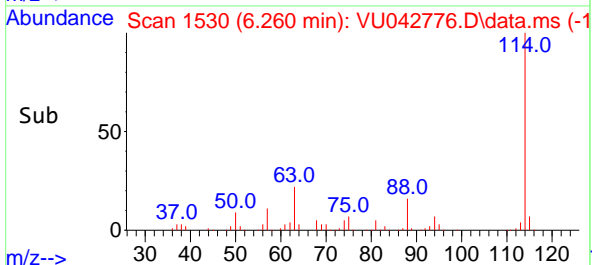
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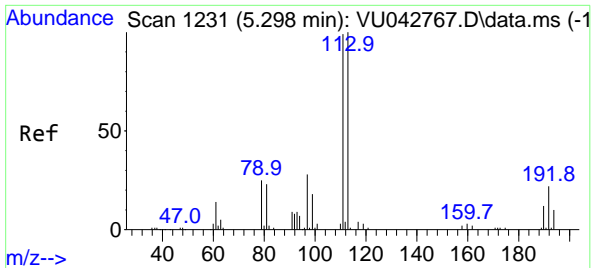


#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.260 min Scan# 1530  
 Delta R.T. -0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



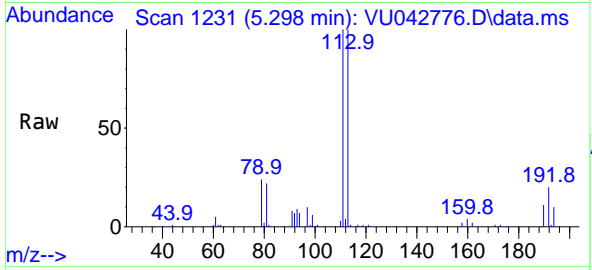
Tgt Ion: 114 Resp: 175681  
 Ion Ratio Lower Upper  
 114 100  
 63 21.5 0.0 46.8  
 88 16.5 0.0 32.2





#35  
 Dibromofluoromethane  
 Concen: 48.91 ug/l  
 RT: 5.298 min Scan# 1231  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

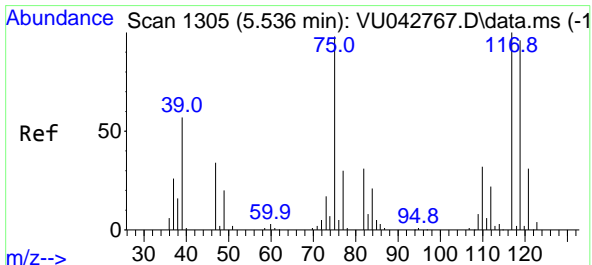
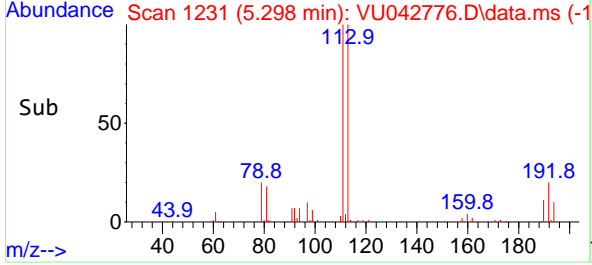
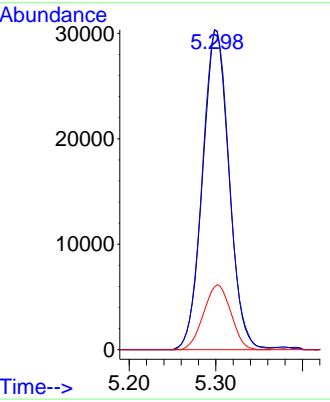
Instrument : MSVOA\_U  
 ClientSampled : VU0325MBS01



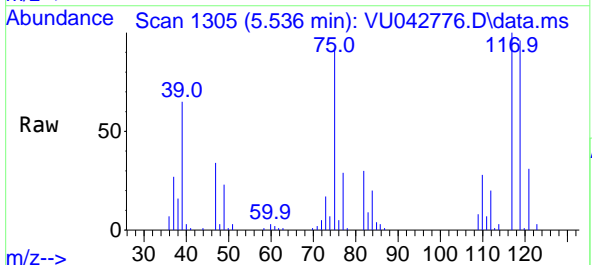
Tgt Ion: 113 Resp: 64121

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.1	123.1
192	20.9	17.6	26.4

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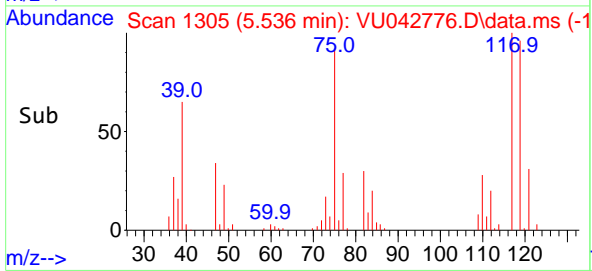
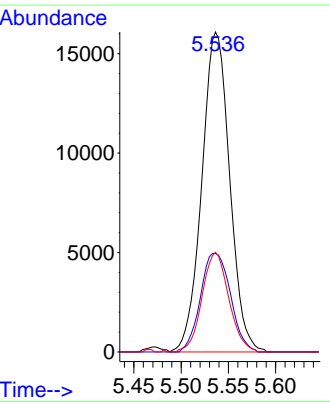


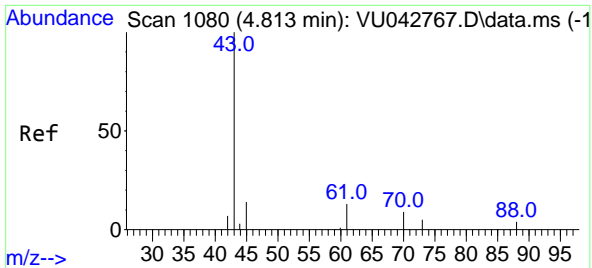
#36  
 1,1-Dichloropropene  
 Concen: 18.99 ug/l  
 RT: 5.536 min Scan# 1305  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



Tgt Ion: 75 Resp: 32993

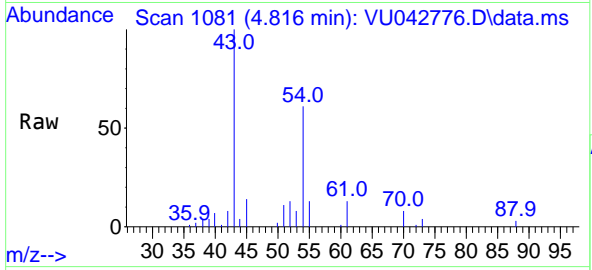
Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.6	49.7
77	29.9	24.7	37.1





#37  
 Ethyl Acetate  
 Concen: 20.35 ug/l  
 RT: 4.816 min Scan# 1081  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

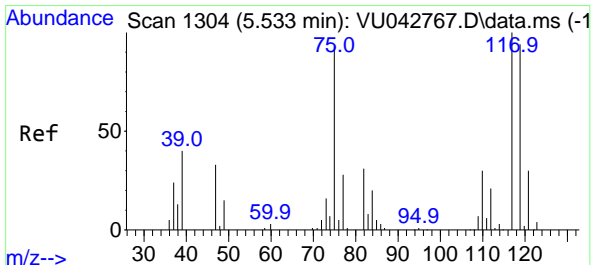
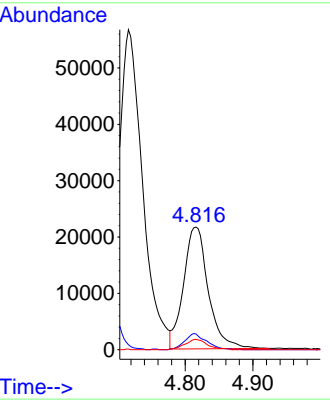
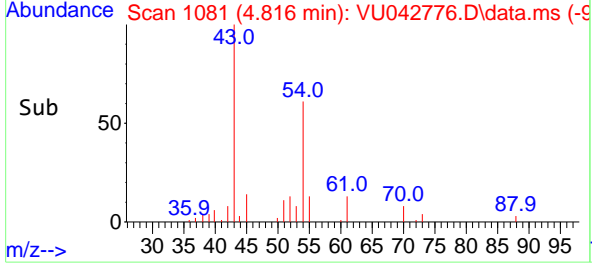
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01



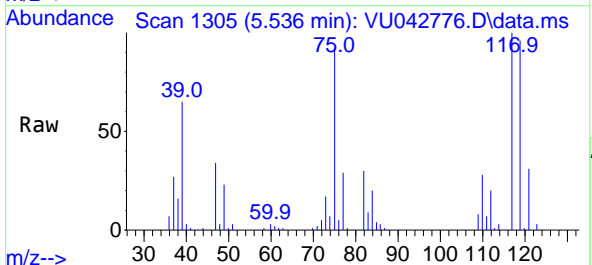
Tgt Ion: 43 Resp: 54887

Ion	Ratio	Lower	Upper
43	100		
61	11.6	9.7	14.5
70	7.7	6.6	9.8

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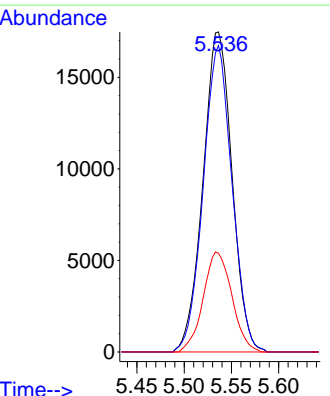
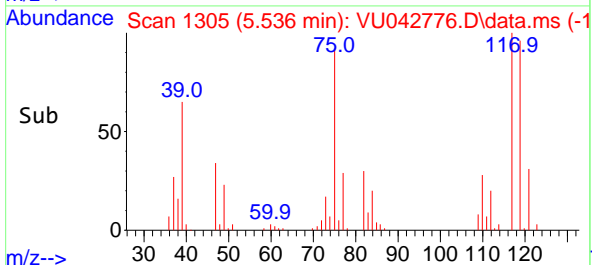


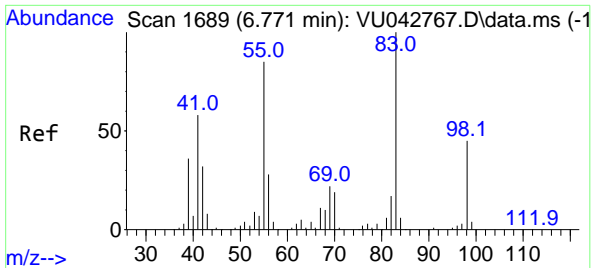
#38  
 Carbon Tetrachloride  
 Concen: 18.82 ug/l  
 RT: 5.536 min Scan# 1305  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



Tgt Ion: 117 Resp: 37321

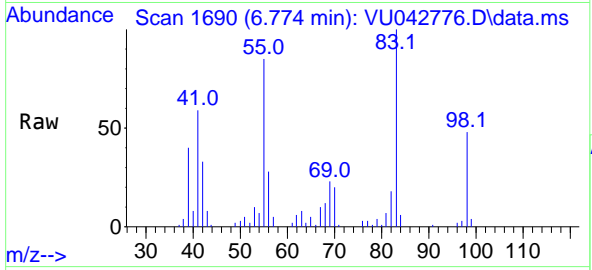
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.2	112.8
121	30.8	24.2	36.4





#39  
 Methylcyclohexane  
 Concen: 18.57 ug/l  
 RT: 6.774 min Scan# 1690  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

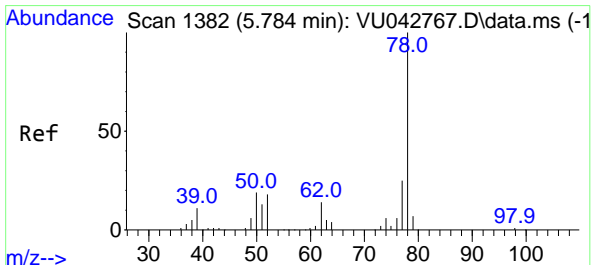
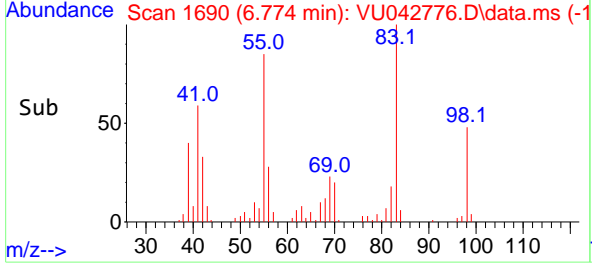
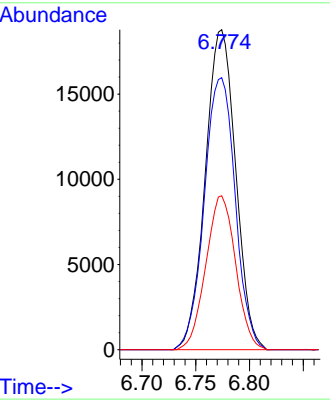
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01



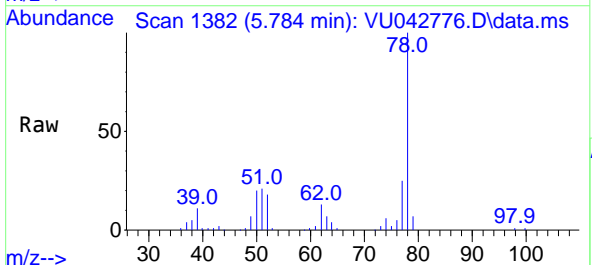
Tgt Ion: 83 Resp: 36962

Ion	Ratio	Lower	Upper
83	100		
55	85.0	68.2	102.4
98	48.1	36.3	54.5

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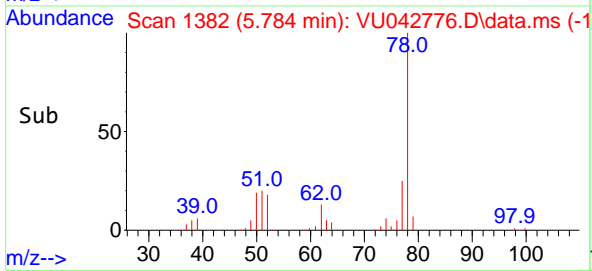
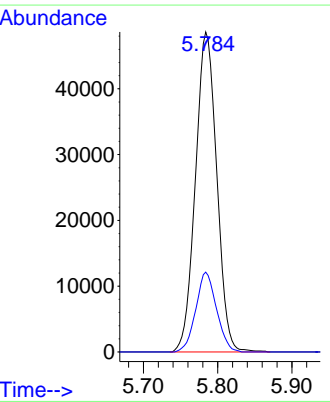


#40  
 Benzene  
 Concen: 18.66 ug/l  
 RT: 5.784 min Scan# 1382  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

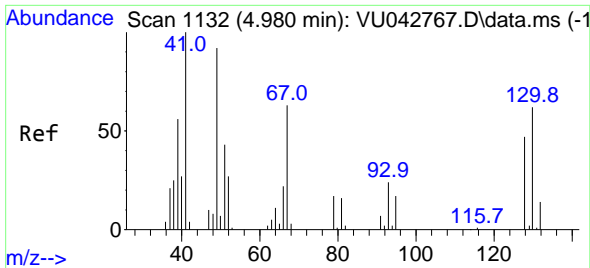


Tgt Ion: 78 Resp: 96983

Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.9	29.9

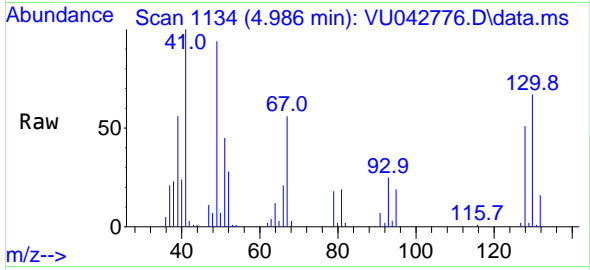






#41  
 Methacrylonitrile  
 Concen: 19.49 ug/l  
 RT: 4.986 min Scan# 1134  
 Delta R.T. 0.007 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

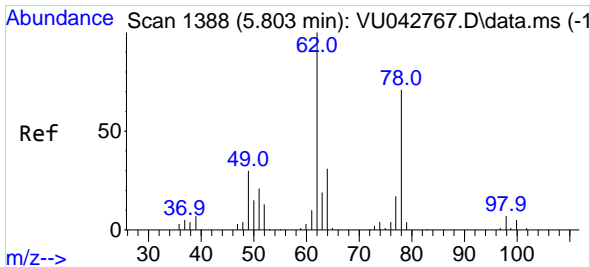
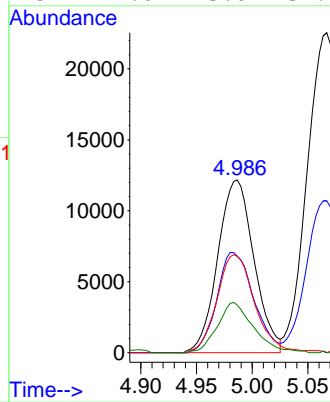
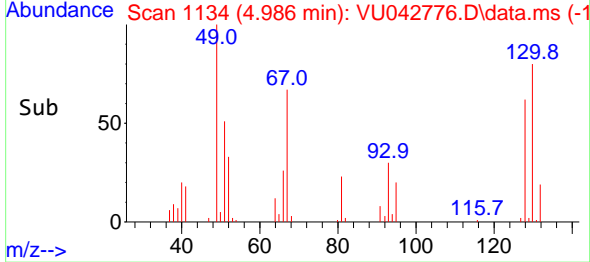
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VU0325MBS01



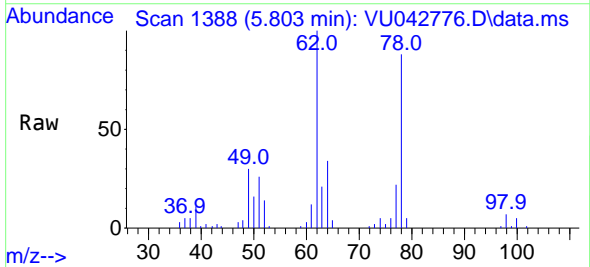
Tgt Ion: 41 Resp: 27539  
 Ion Ratio Lower Upper  
 41 100  
 39 59.1 45.4 68.2  
 67 59.2 50.6 76.0  
 52 29.0 23.0 34.4

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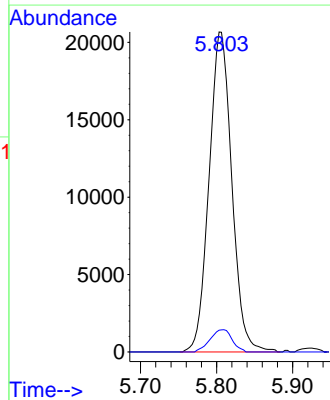
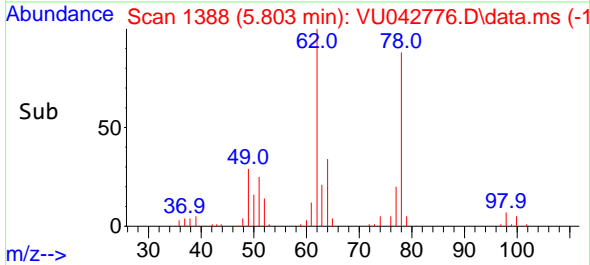
apatel  
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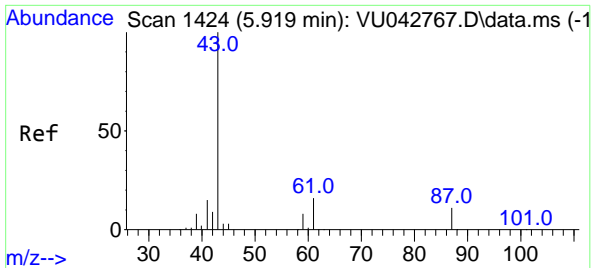


#42  
 1,2-Dichloroethane  
 Concen: 19.27 ug/l  
 RT: 5.803 min Scan# 1388  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



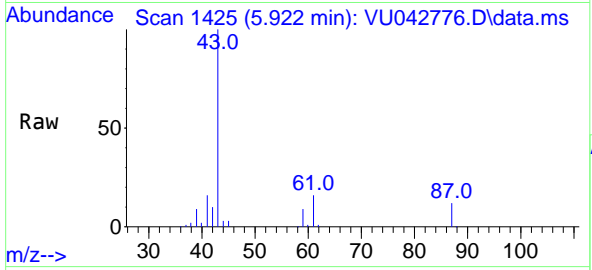
Tgt Ion: 62 Resp: 42943  
 Ion Ratio Lower Upper  
 62 100  
 98 6.8 0.0 14.0





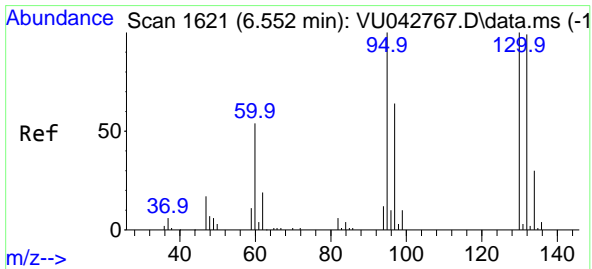
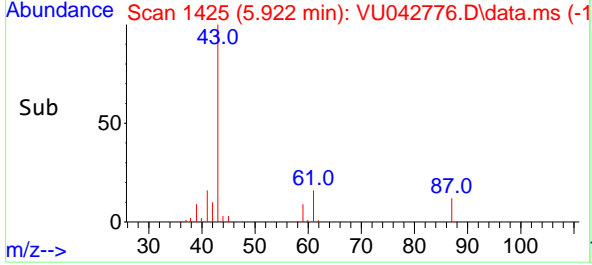
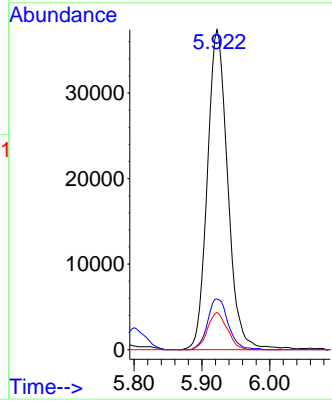
#43  
 Isopropyl Acetate  
 Concen: 19.21 ug/l  
 RT: 5.922 min Scan# 1425  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VU0325MBS01

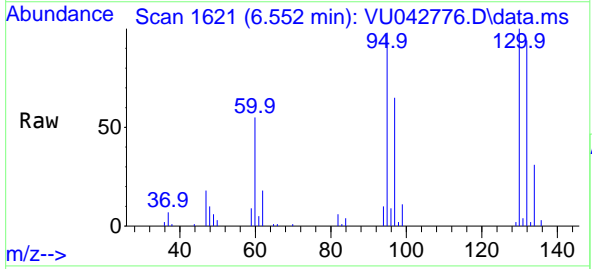


Tgt Ion: 43 Resp: 78011  
 Ion Ratio Lower Upper  
 43 100  
 61 16.2 13.4 20.0  
 87 11.3 8.7 13.1

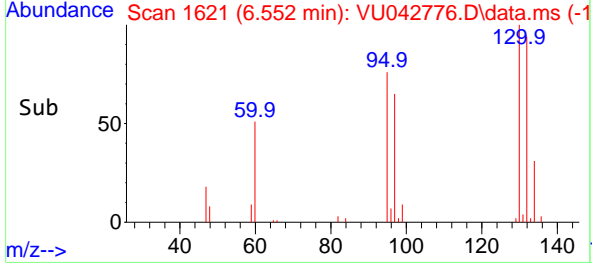
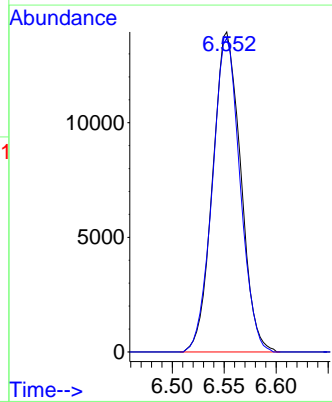
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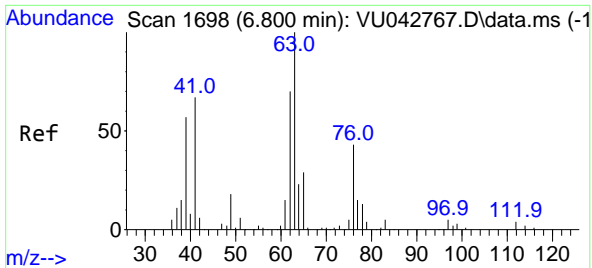


#44  
 Trichloroethene  
 Concen: 19.54 ug/l  
 RT: 6.552 min Scan# 1621  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



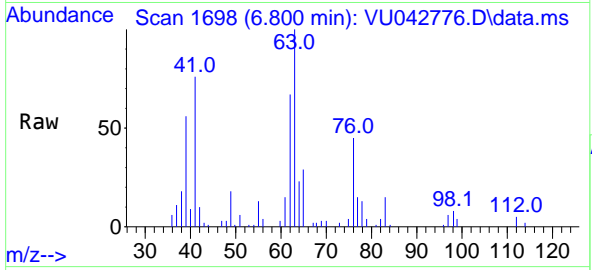
Tgt Ion:130 Resp: 26108  
 Ion Ratio Lower Upper  
 130 100  
 95 98.1 0.0 200.8





#45  
 1,2-Dichloropropane  
 Concen: 19.28 ug/l  
 RT: 6.800 min Scan# 1698  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

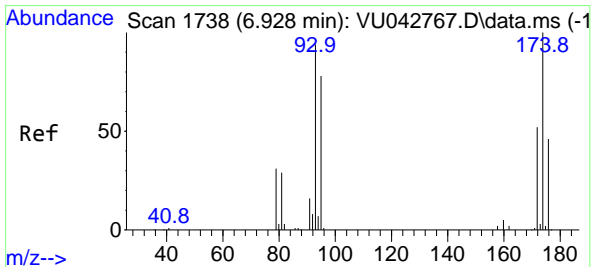
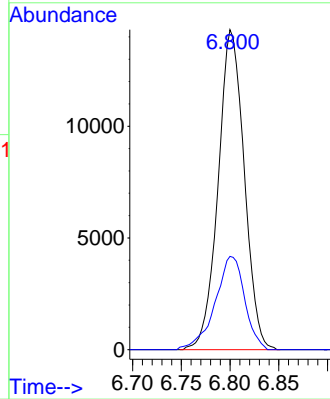
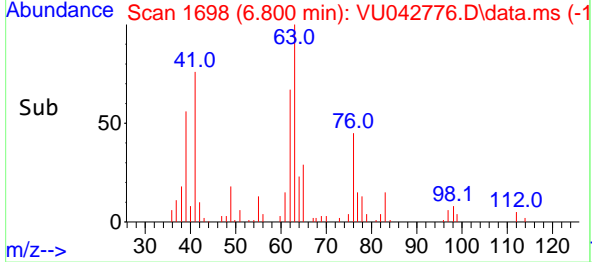
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VU0325MBS01



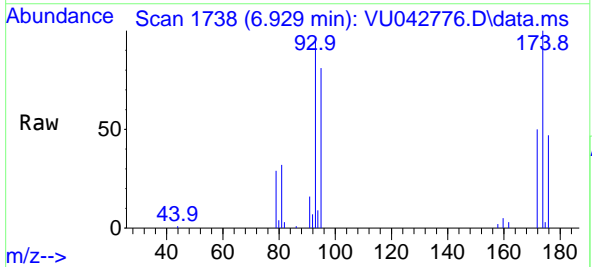
Tgt Ion: 63 Resp: 26655  
 Ion Ratio Lower Upper  
 63 100  
 65 29.2 23.5 35.3

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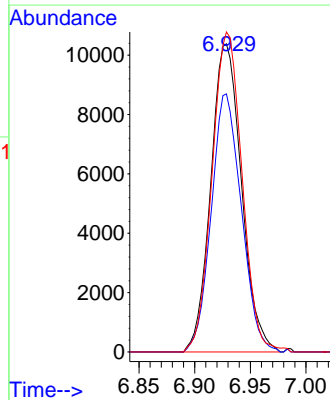
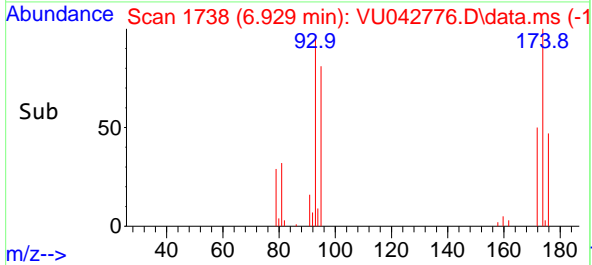
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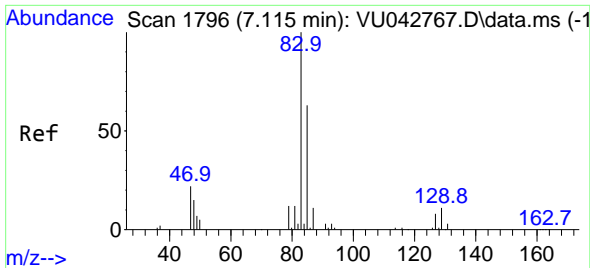


#46  
 Dibromomethane  
 Concen: 20.23 ug/l  
 RT: 6.929 min Scan# 1738  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



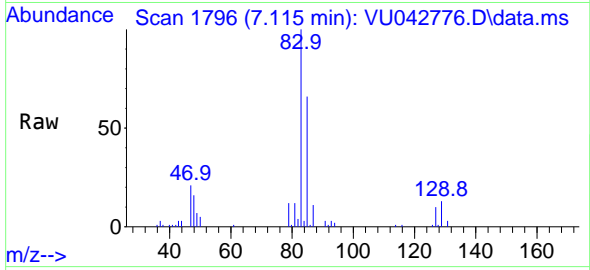
Tgt Ion: 93 Resp: 19932  
 Ion Ratio Lower Upper  
 93 100  
 95 82.2 66.8 100.2  
 174 101.6 83.4 125.0





#47  
 Bromodichloromethane  
 Concen: 18.76 ug/l  
 RT: 7.115 min Scan# 1796  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

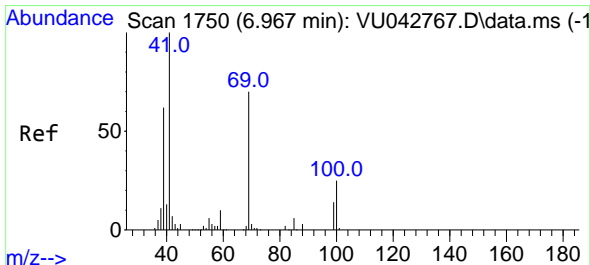
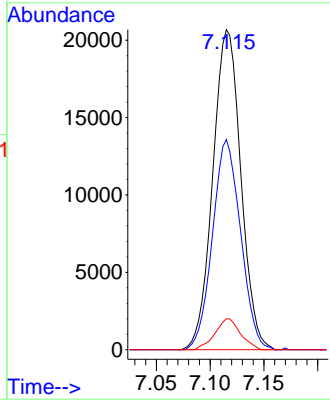
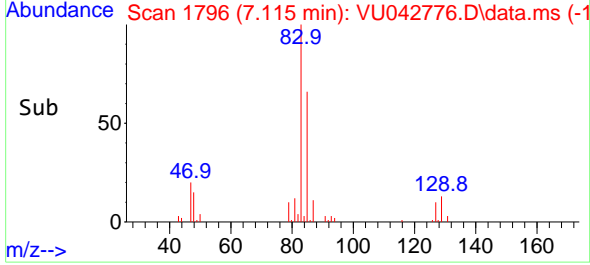
Instrument : MSVOA\_U  
 ClientSampled : VU0325MBS01



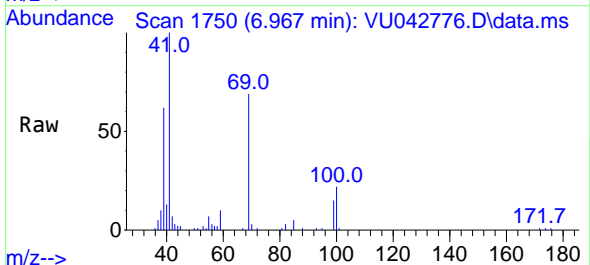
Tgt Ion: 83 Resp: 37552

Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.2	75.2
127	9.7	6.8	10.2

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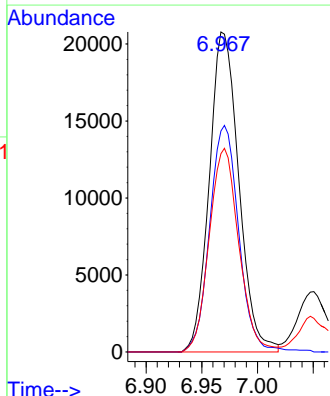
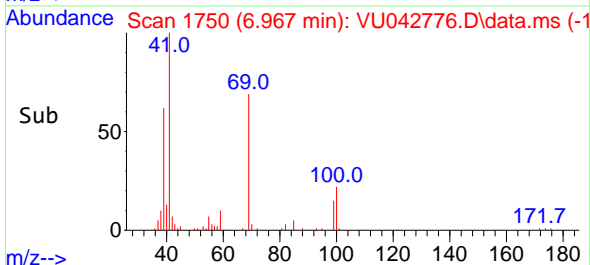


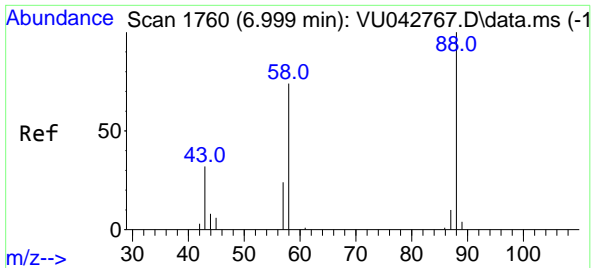
#48  
 Methyl methacrylate  
 Concen: 19.54 ug/l  
 RT: 6.967 min Scan# 1750  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



Tgt Ion: 41 Resp: 38307

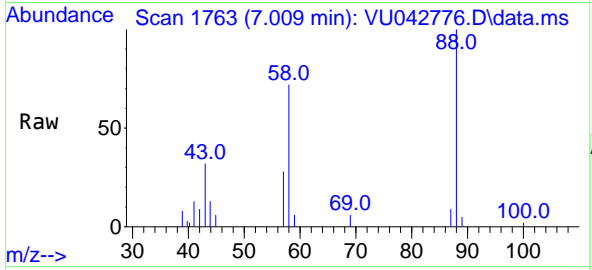
Ion	Ratio	Lower	Upper
41	100		
69	69.8	55.9	83.9
39	63.8	49.7	74.5





#49  
 1,4-Dioxane  
 Concen: 409.78 ug/l  
 RT: 7.009 min Scan# 1763  
 Delta R.T. 0.010 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

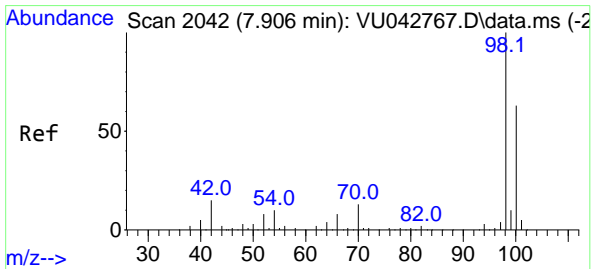
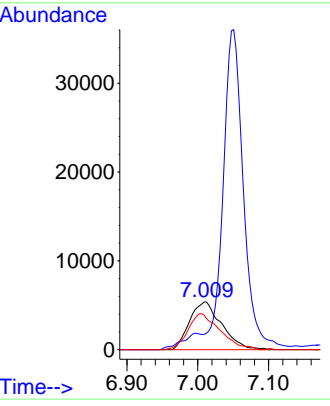
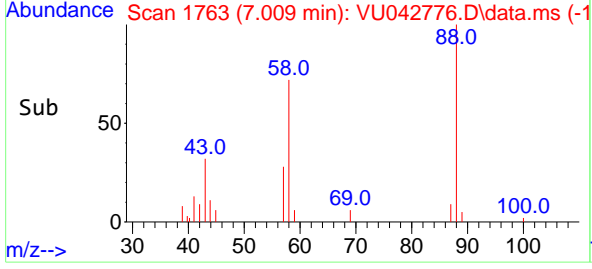
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01



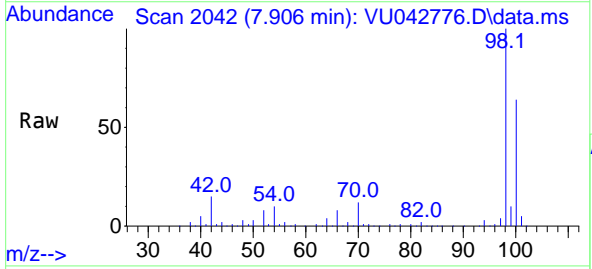
Tgt Ion: 88 Resp: 16970

Ion	Ratio	Lower	Upper
88	100		
43	21.0	25.4	38.0#
58	75.3	62.5	93.7

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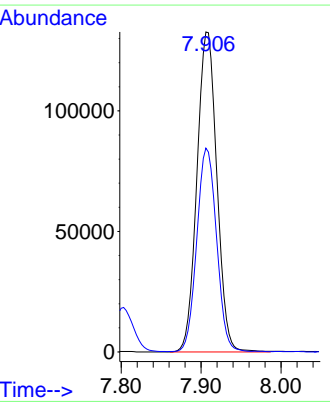
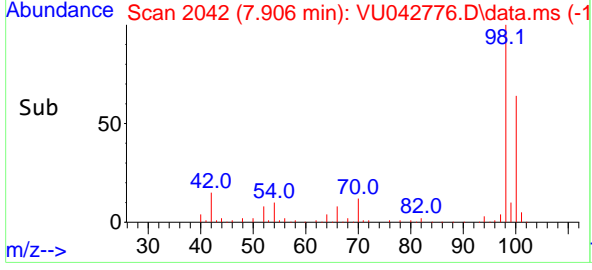


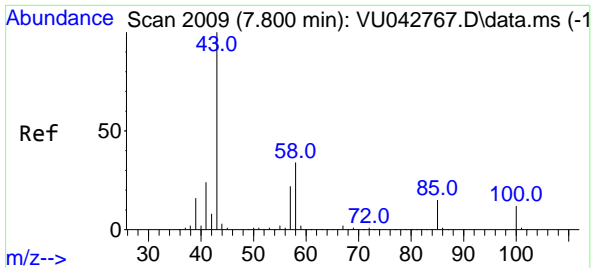
#50  
 Toluene-d8  
 Concen: 49.87 ug/l  
 RT: 7.906 min Scan# 2042  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



Tgt Ion: 98 Resp: 230042

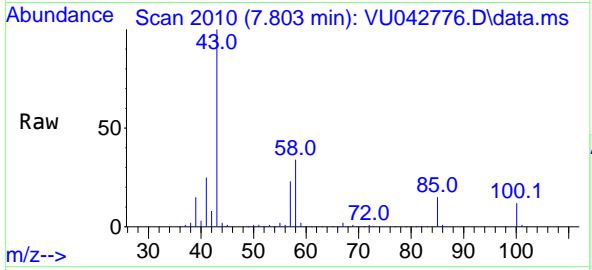
Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.4	75.6





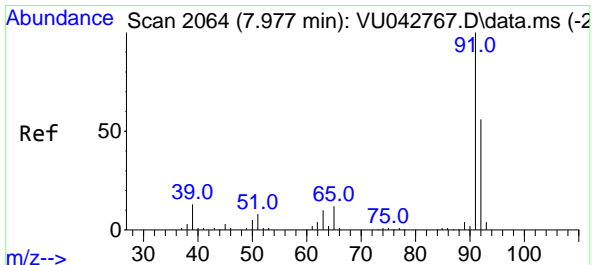
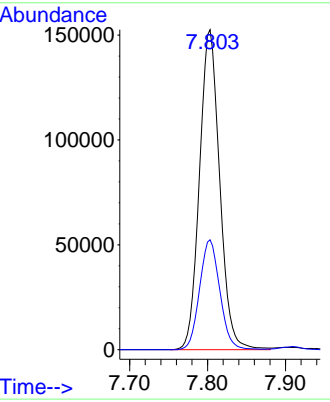
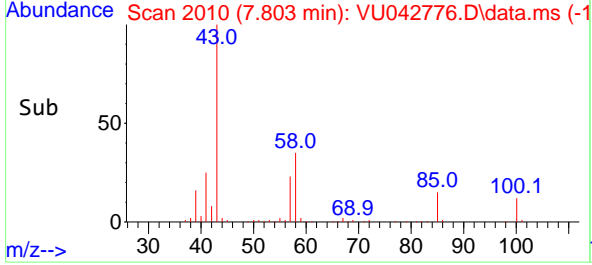
#51  
 4-Methyl-2-Pentanone  
 Concen: 96.75 ug/l  
 RT: 7.803 min Scan# 2010  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

Instrument : MSVOA\_U  
 ClientSampled : VU0325MBS01

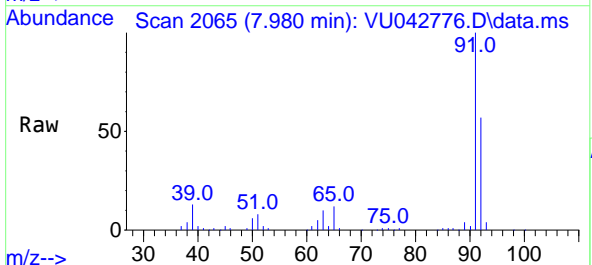


Tgt Ion: 43 Resp: 274922  
 Ion Ratio Lower Upper  
 43 100  
 58 34.4 27.4 41.2

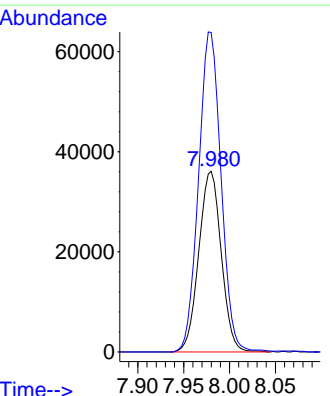
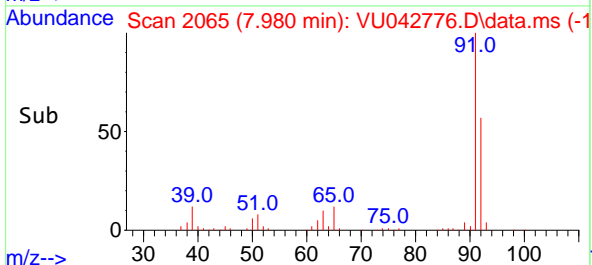
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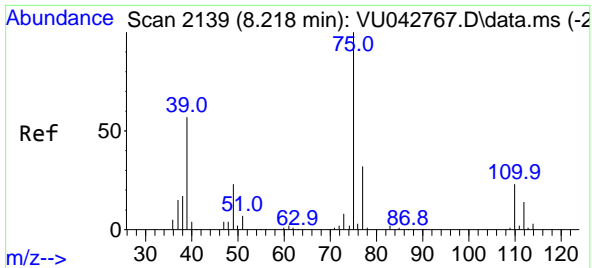


#52  
 Toluene  
 Concen: 19.36 ug/l  
 RT: 7.980 min Scan# 2065  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



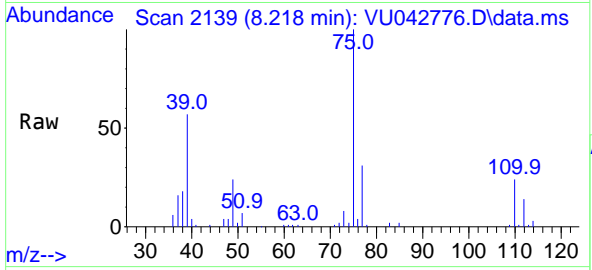
Tgt Ion: 92 Resp: 61535  
 Ion Ratio Lower Upper  
 92 100  
 91 177.3 140.6 210.8





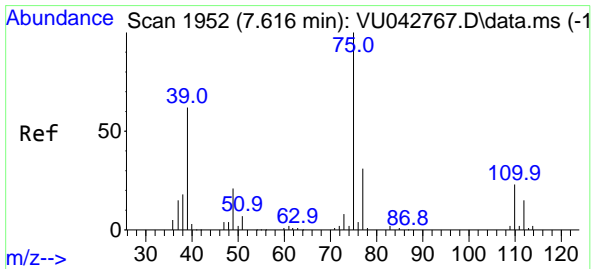
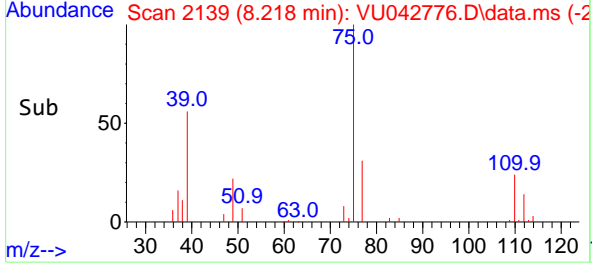
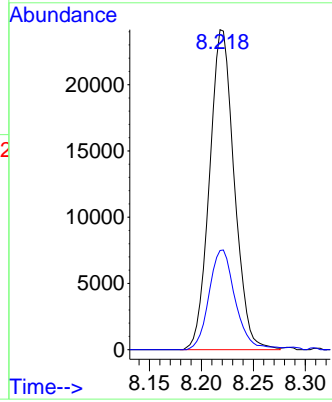
#53  
 t-1,3-Dichloropropene  
 Concen: 18.91 ug/l  
 RT: 8.218 min Scan# 2139  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01

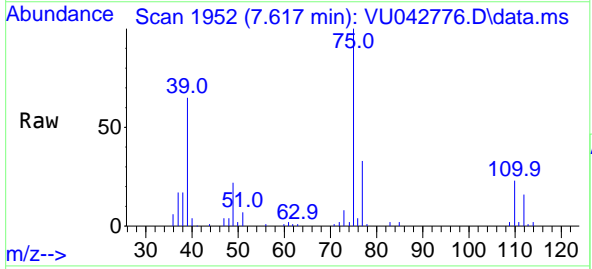


Tgt Ion: 75 Resp: 40038  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.6 38.4

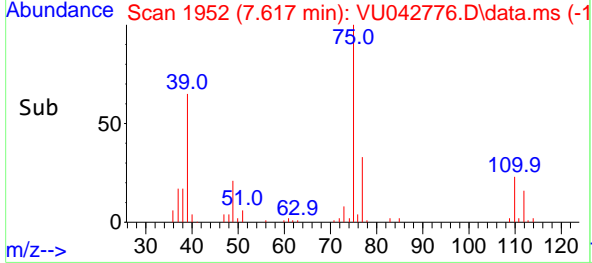
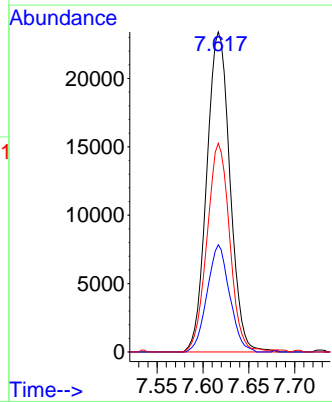
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 3/30/2021 10:59:20 AM

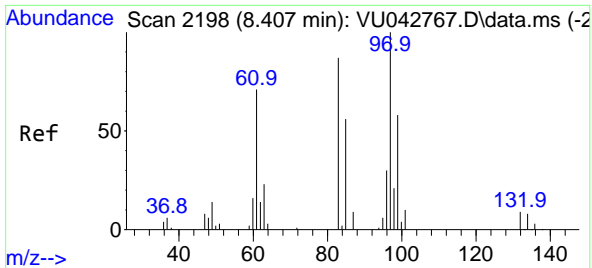


#54  
 cis-1,3-Dichloropropene  
 Concen: 18.59 ug/l  
 RT: 7.617 min Scan# 1952  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



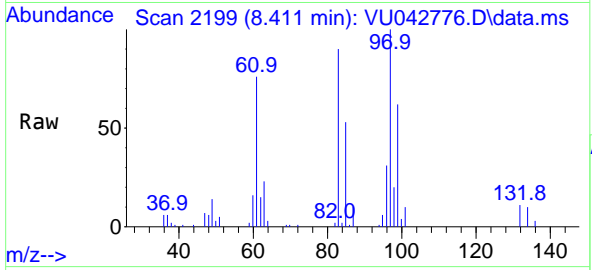
Tgt Ion: 75 Resp: 41203  
 Ion Ratio Lower Upper  
 75 100  
 77 33.5 24.8 37.2  
 39 65.2 49.2 73.8





#55  
 1,1,2-Trichloroethane  
 Concen: 18.91 ug/l  
 RT: 8.411 min Scan# 2199  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

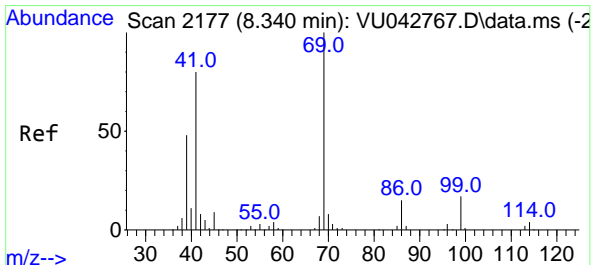
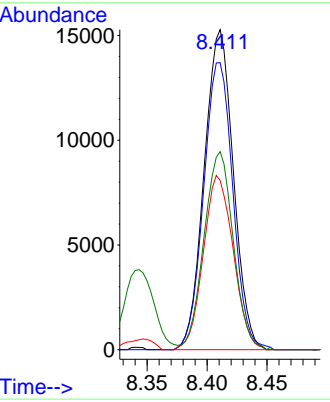
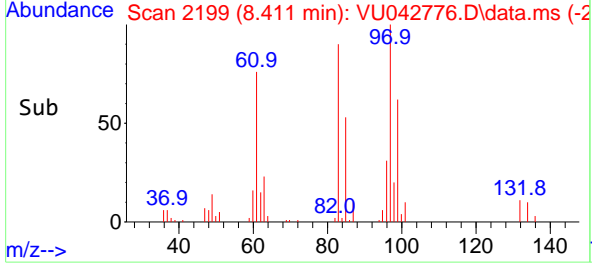
Instrument : MSVOA\_U  
 ClientSampled : VU0325MBS01



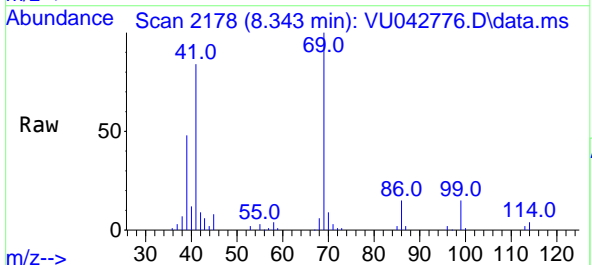
Tgt Ion: 97 Resp: 25851

Ion	Ratio	Lower	Upper
97	100		
83	89.7	69.4	104.0
85	52.9	45.0	67.4
99	61.2	48.2	72.2

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 3/30/2021 10:59:20 AM

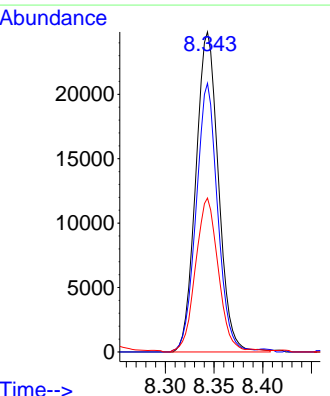
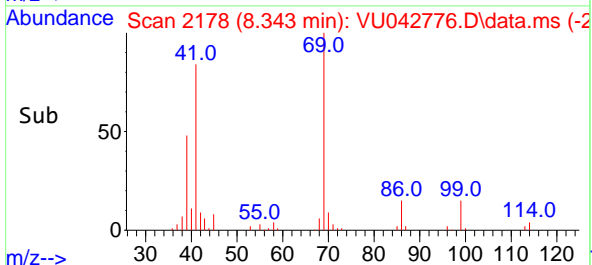


#56  
 Ethyl methacrylate  
 Concen: 19.20 ug/l  
 RT: 8.343 min Scan# 2178  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

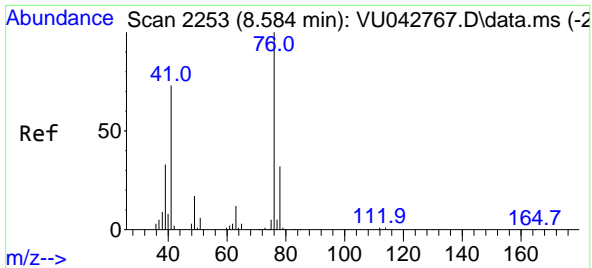


Tgt Ion: 69 Resp: 40113

Ion	Ratio	Lower	Upper
69	100		
41	80.0	64.6	97.0
39	48.4	38.2	57.2

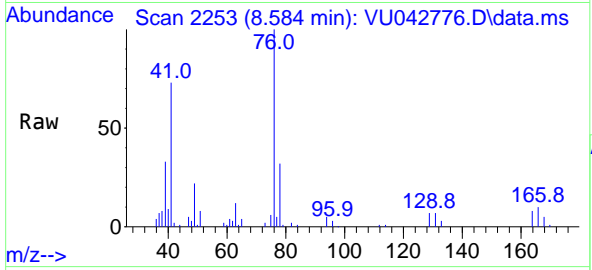






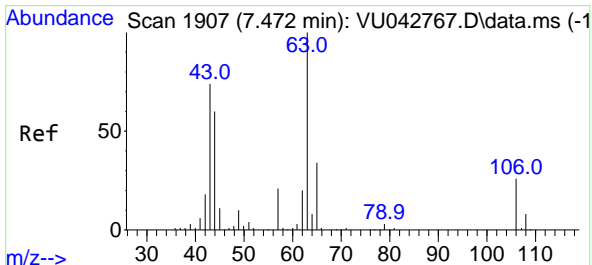
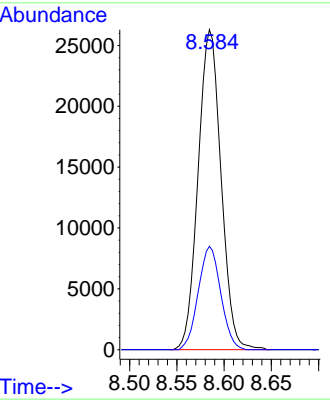
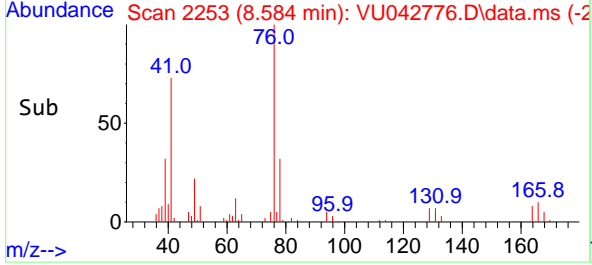
#57  
 1,3-Dichloropropane  
 Concen: 18.91 ug/l  
 RT: 8.584 min Scan# 2253  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

Instrument : MSVOA\_U  
 ClientSampled : VU0325MBS01

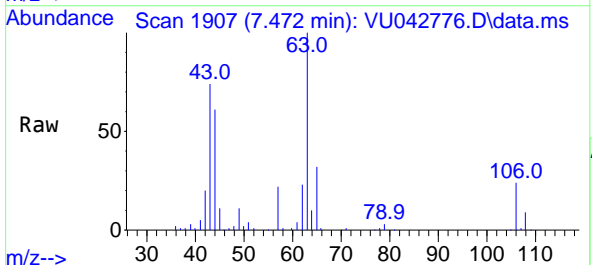


Tgt Ion: 76 Resp: 44358  
 Ion Ratio Lower Upper  
 76 100  
 78 31.6 25.9 38.9

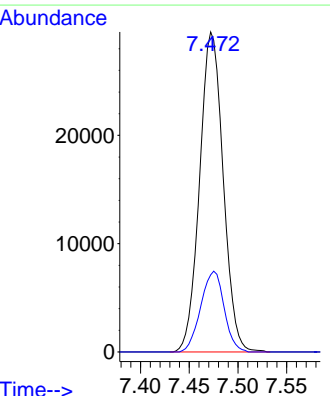
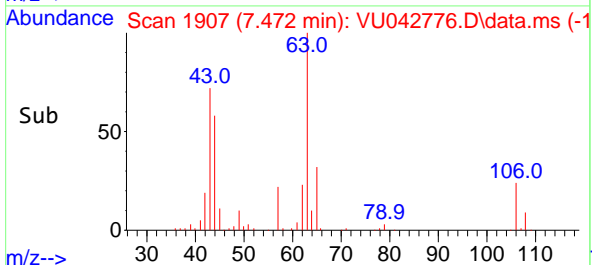
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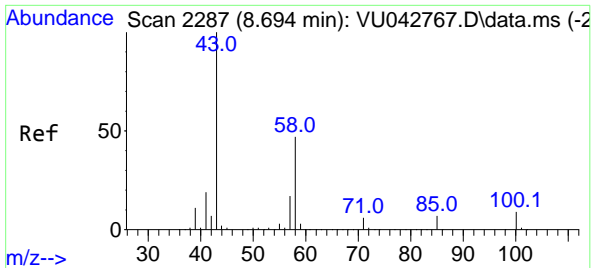


#58  
 2-Chloroethyl Vinyl ether  
 Concen: 93.08 ug/l  
 RT: 7.472 min Scan# 1907  
 Delta R.T. -0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



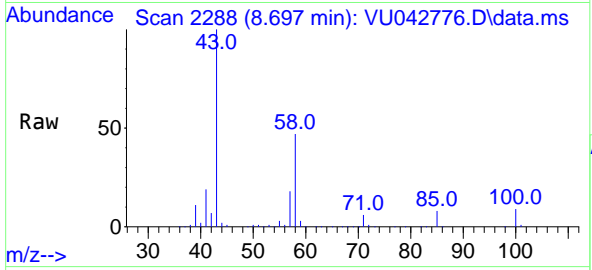
Tgt Ion: 63 Resp: 49727  
 Ion Ratio Lower Upper  
 63 100  
 106 25.0 20.3 30.5





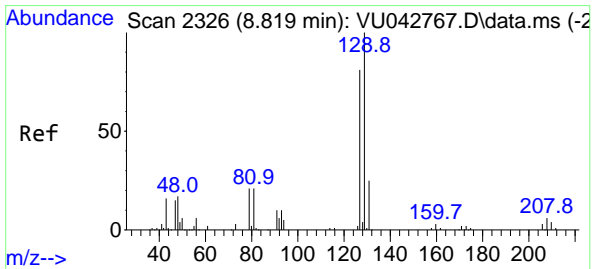
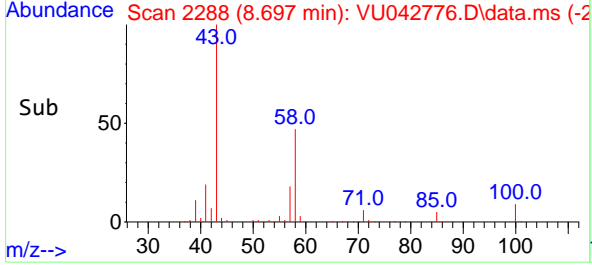
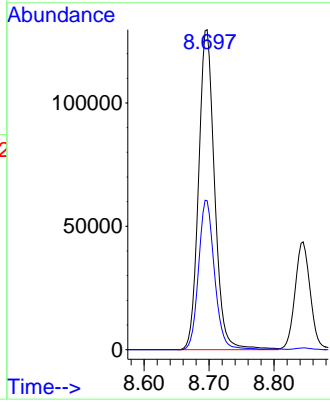
#59  
 2-Hexanone  
 Concen: 98.31 ug/l  
 RT: 8.697 min Scan# 2288  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01

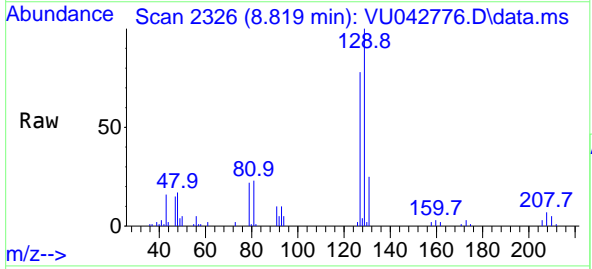


Tgt Ion: 43 Resp: 222170  
 Ion Ratio Lower Upper  
 43 100  
 58 46.6 23.8 71.2

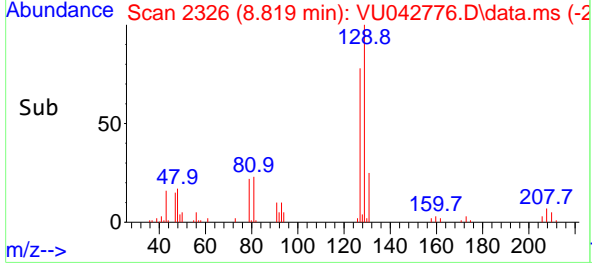
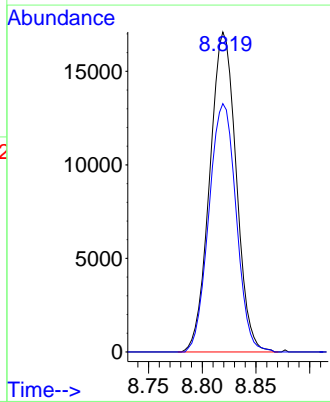
**Manual Integrations**  
**APPROVED**  
 apatel  
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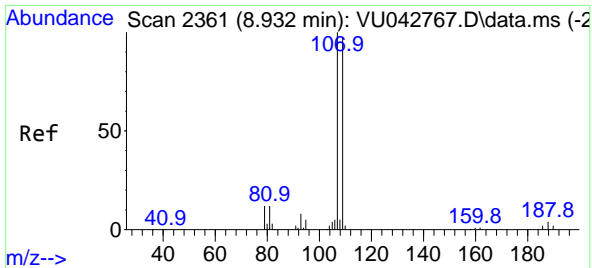


#60  
 Dibromochloromethane  
 Concen: 18.43 ug/l  
 RT: 8.819 min Scan# 2326  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



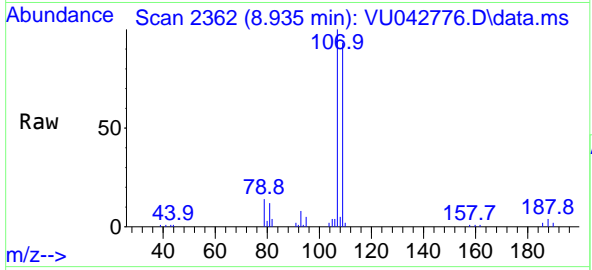
Tgt Ion: 129 Resp: 29296  
 Ion Ratio Lower Upper  
 129 100  
 127 79.8 39.4 118.2





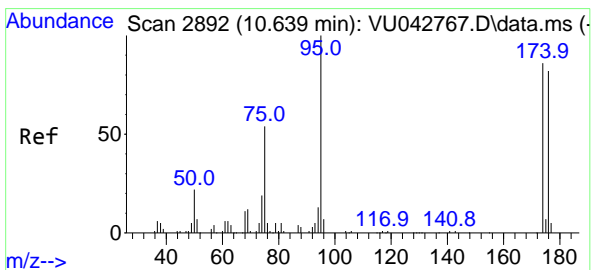
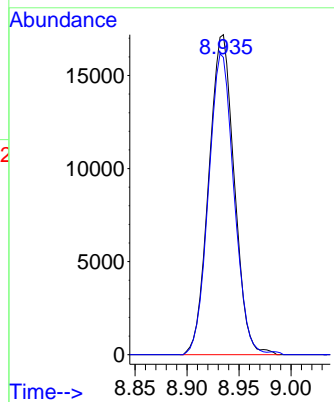
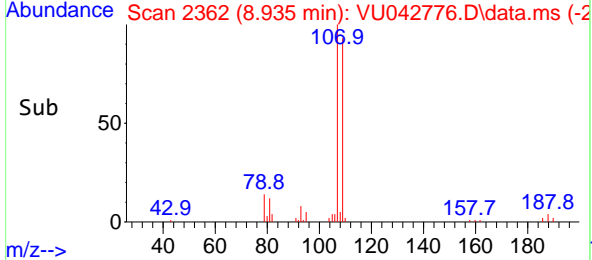
#61  
 1,2-Dibromoethane  
 Concen: 18.84 ug/l  
 RT: 8.935 min Scan# 2362  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

Instrument : MSVOA\_U  
 ClientSampled : VU0325MBS01

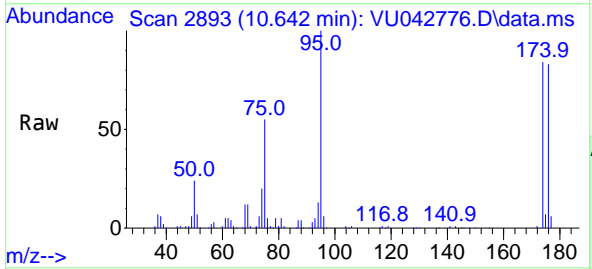


Tgt Ion:107 Resp: 29298  
 Ion Ratio Lower Upper  
 107 100  
 109 93.8 76.6 114.8

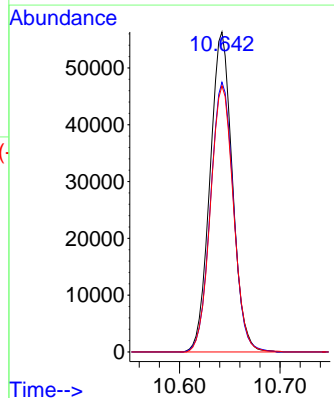
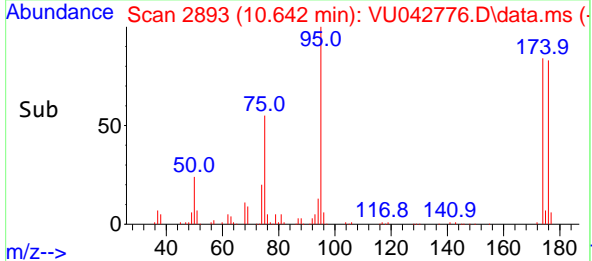
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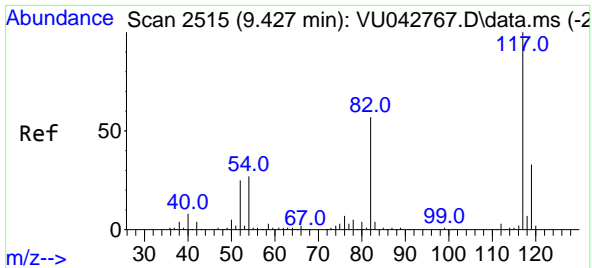


#62  
 4-Bromofluorobenzene  
 Concen: 48.62 ug/l  
 RT: 10.642 min Scan# 2893  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



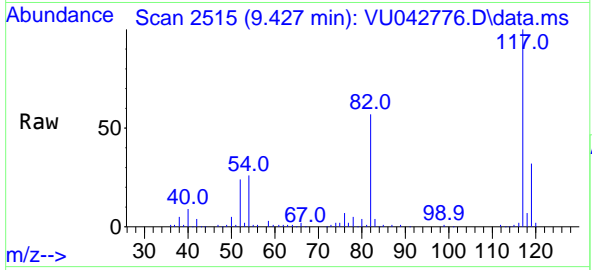
Tgt Ion: 95 Resp: 87150  
 Ion Ratio Lower Upper  
 95 100  
 174 86.5 0.0 175.2  
 176 85.1 0.0 167.4





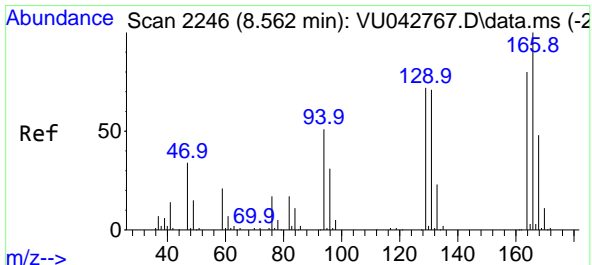
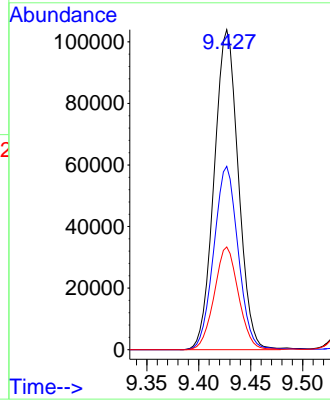
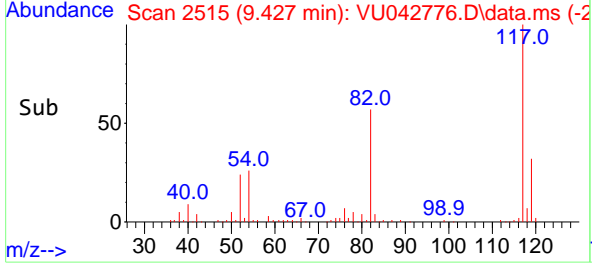
#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 9.427 min Scan# 2515  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01

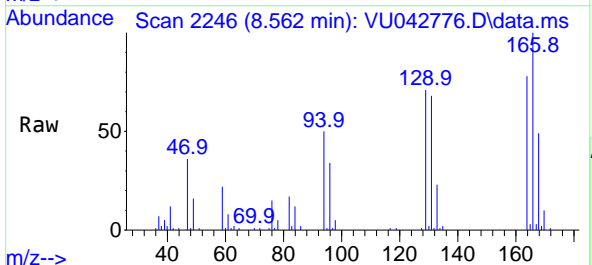


Tgt Ion:117 Resp: 168256  
 Ion Ratio Lower Upper  
 117 100  
 82 57.3 45.5 68.3  
 119 32.1 26.2 39.4

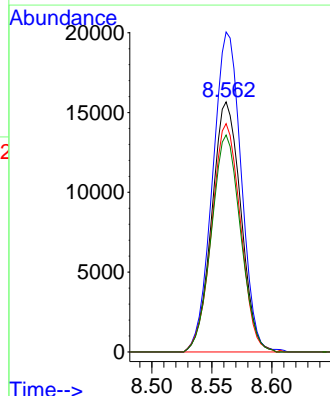
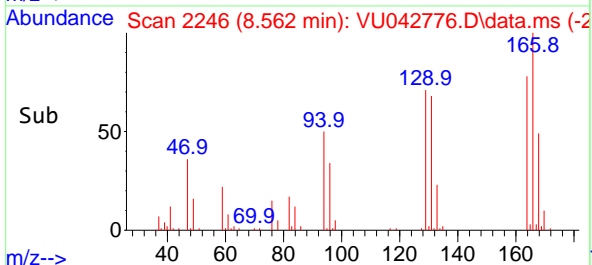
**Manual Integrations**  
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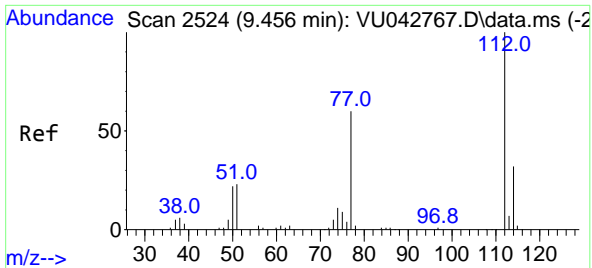


#64  
 Tetrachloroethene  
 Concen: 19.38 ug/l  
 RT: 8.562 min Scan# 2246  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



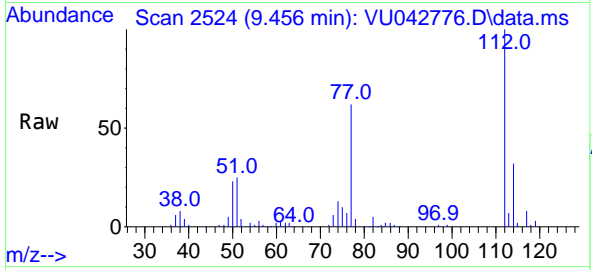
Tgt Ion:164 Resp: 26326  
 Ion Ratio Lower Upper  
 164 100  
 166 128.0 99.9 149.9  
 129 91.3 71.6 107.4  
 131 86.8 70.6 105.8





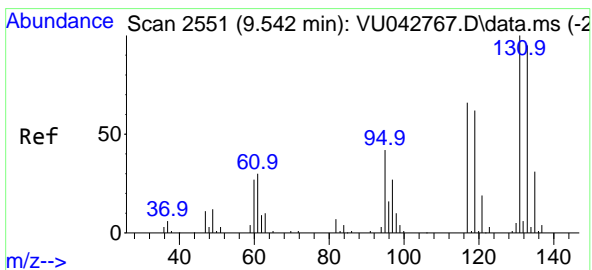
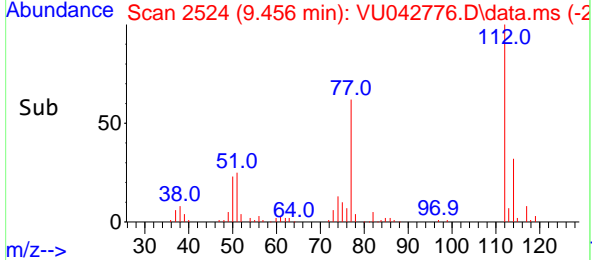
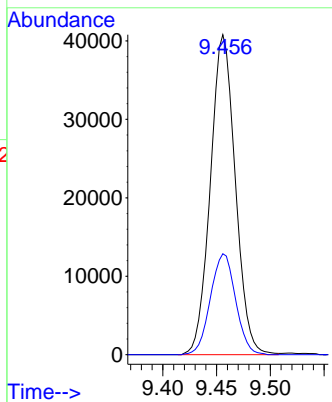
#65  
 Chlorobenzene  
 Concen: 19.23 ug/l  
 RT: 9.456 min Scan# 2524  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01

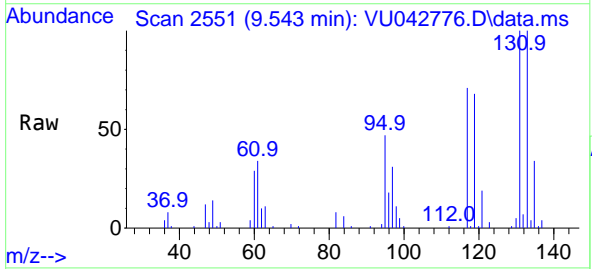


Tgt Ion:112 Resp: 65795  
 Ion Ratio Lower Upper  
 112 100  
 114 31.6 25.4 38.2

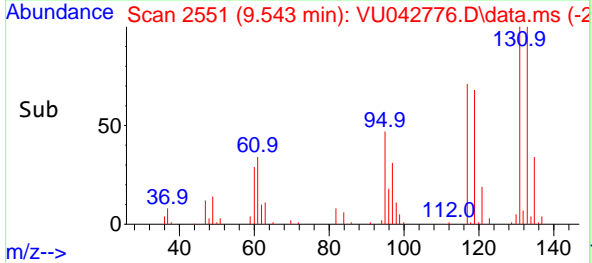
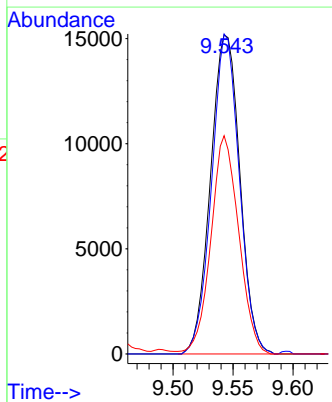
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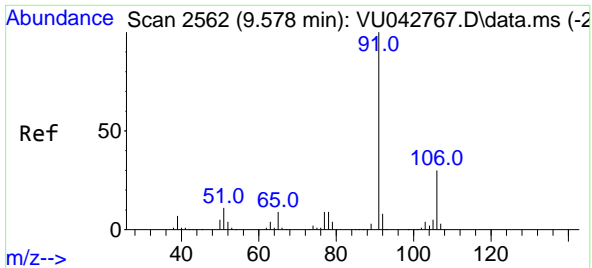


#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 18.96 ug/l  
 RT: 9.543 min Scan# 2551  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



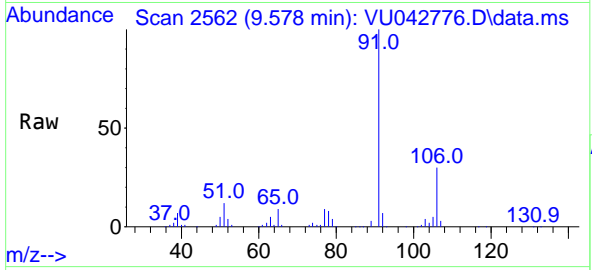
Tgt Ion:131 Resp: 25807  
 Ion Ratio Lower Upper  
 131 100  
 133 94.6 47.1 141.4  
 119 65.0 30.8 92.3





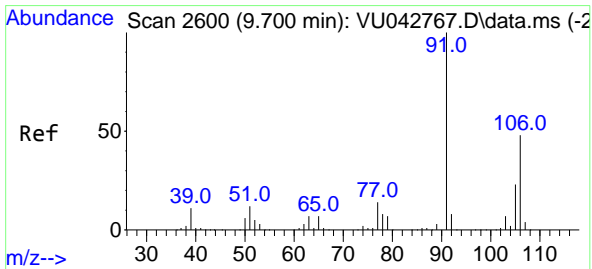
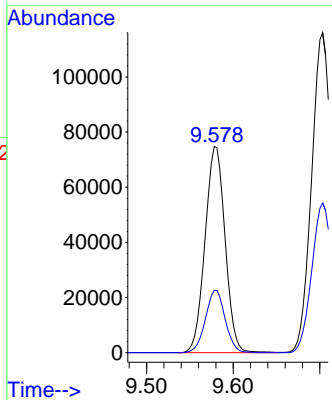
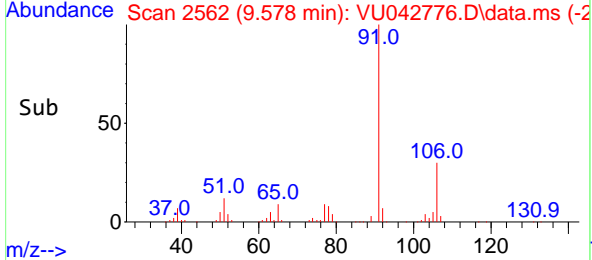
#67  
 Ethyl Benzene  
 Concen: 19.62 ug/l  
 RT: 9.578 min Scan# 2562  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

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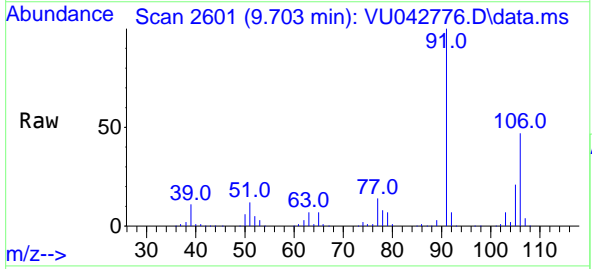


Tgt Ion: 91 Resp: 120369  
 Ion Ratio Lower Upper  
 91 100  
 106 30.2 24.1 36.1

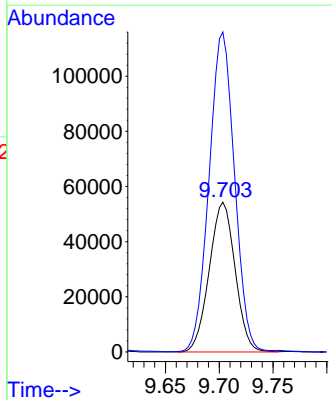
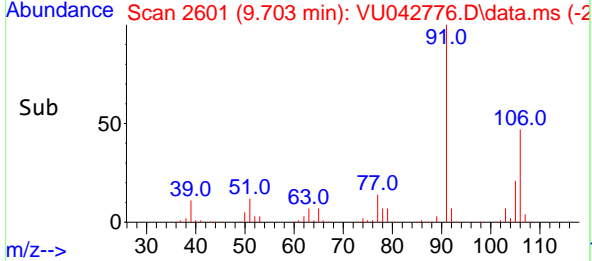
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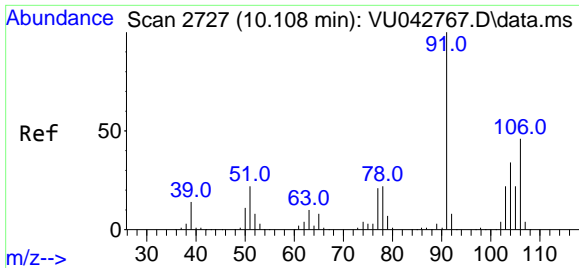


#68  
 m/p-Xylenes  
 Concen: 40.14 ug/l  
 RT: 9.703 min Scan# 2601  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



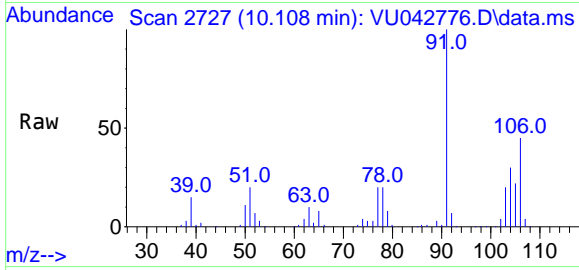
Tgt Ion: 106 Resp: 90774  
 Ion Ratio Lower Upper  
 106 100  
 91 209.5 168.3 252.5





#69  
 o-Xylene  
 Concen: 19.23 ug/l  
 RT: 10.108 min Scan# 2727  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

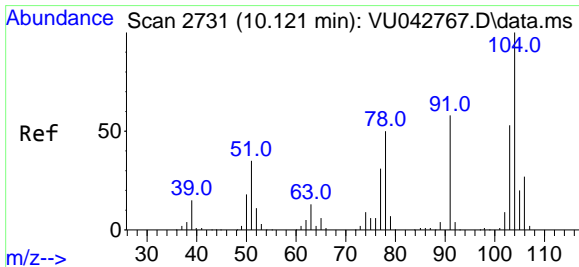
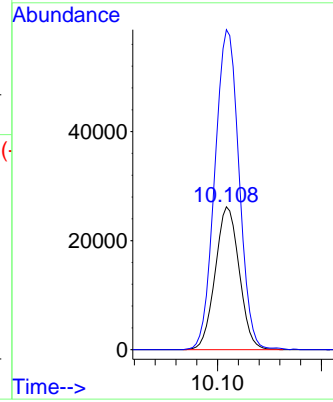
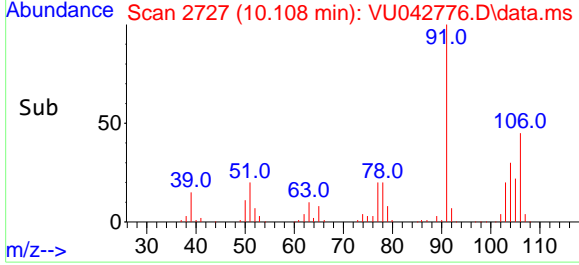
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 ClientSampled :  
 VU0325MBS01



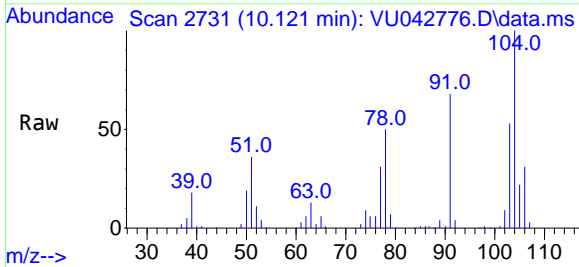
Tgt Ion:106 Resp: 42092  
 Ion Ratio Lower Upper  
 106 100  
 91 226.3 109.9 329.7

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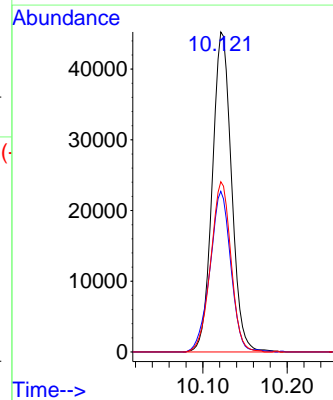
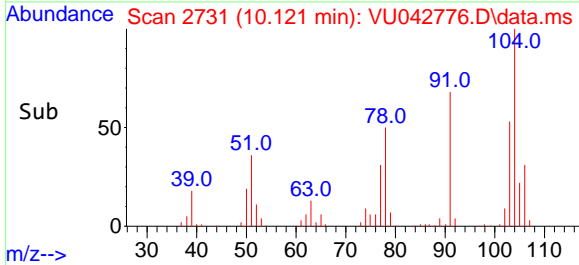
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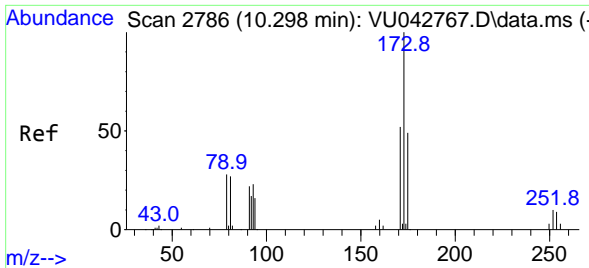


#70  
 Styrene  
 Concen: 19.41 ug/l  
 RT: 10.121 min Scan# 2731  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



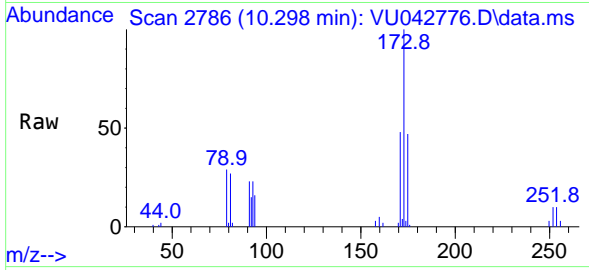
Tgt Ion:104 Resp: 71771  
 Ion Ratio Lower Upper  
 104 100  
 78 54.4 43.2 64.8  
 103 56.2 45.0 67.4





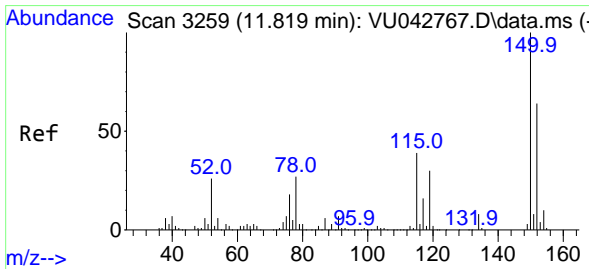
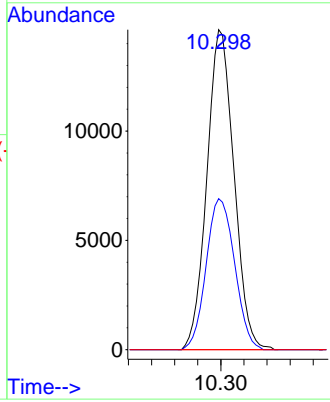
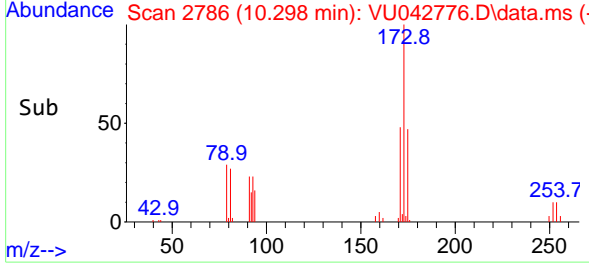
#71  
 Bromoform  
 Concen: 18.46 ug/l  
 RT: 10.298 min Scan# 2786  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

Instrument :  
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 ClientSampled :  
 VU0325MBS01

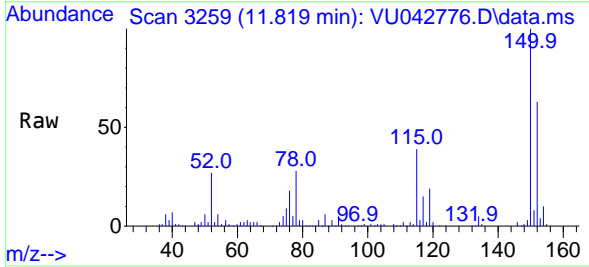


Tgt Ion:173 Resp: 23832  
 Ion Ratio Lower Upper  
 173 100  
 175 49.7 24.4 73.2  
 254 0.0 0.0 0.0

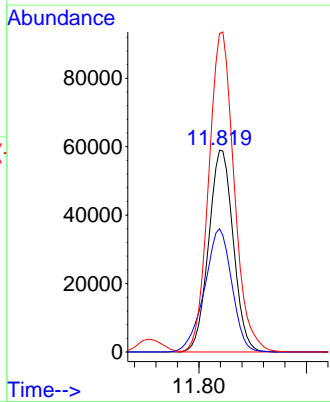
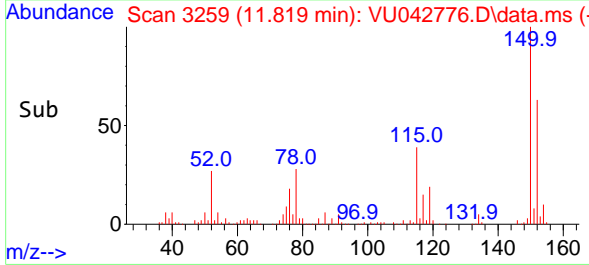
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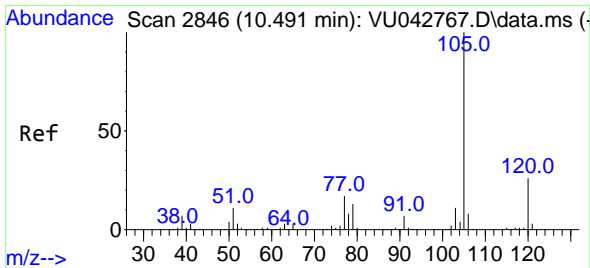
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 11.819 min Scan# 3259  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



Tgt Ion:152 Resp: 93696  
 Ion Ratio Lower Upper  
 152 100  
 115 67.7 41.0 123.0  
 150 163.7 0.0 341.0

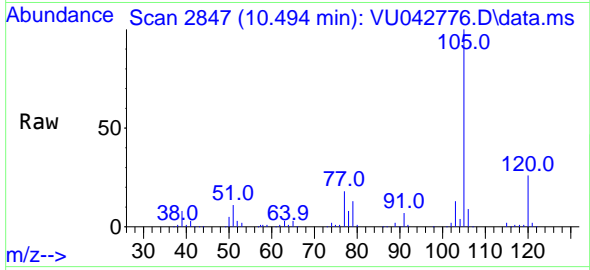






#73  
 Isopropylbenzene  
 Concen: 20.06 ug/l  
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 Delta R.T. 0.003 min  
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 Acq: 25 Mar 2021 11:45

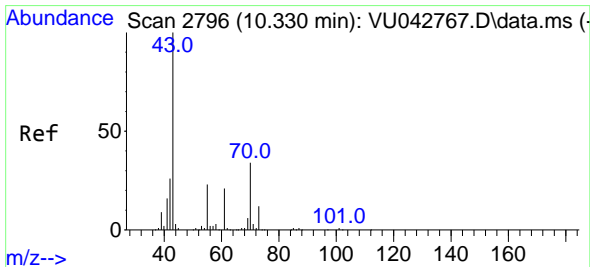
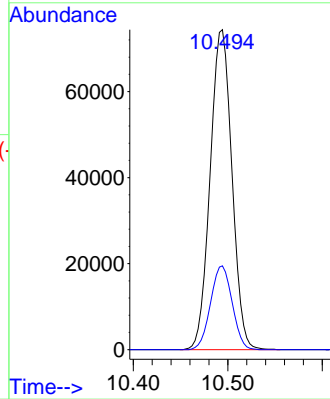
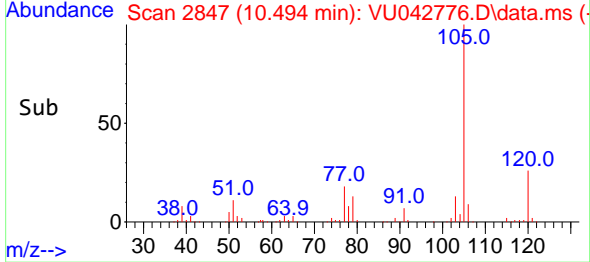
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 ClientSampled :  
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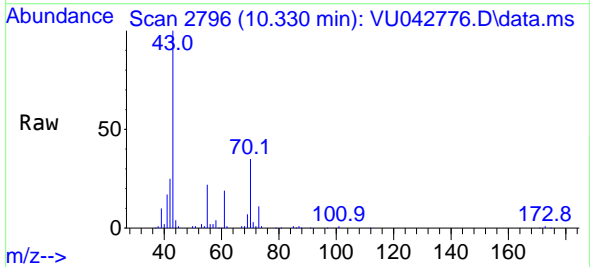
Tgt Ion: 105 Resp: 118950  
 Ion Ratio Lower Upper  
 105 100  
 120 26.0 12.9 38.6

Manual Integrations  
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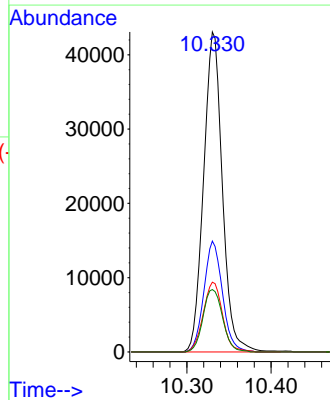
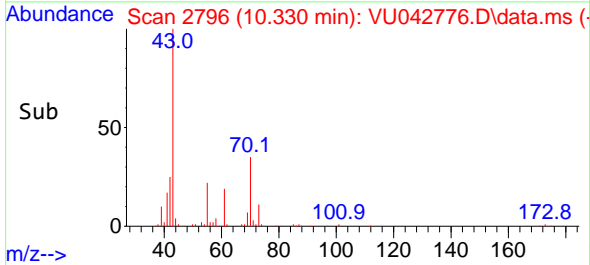
apatel  
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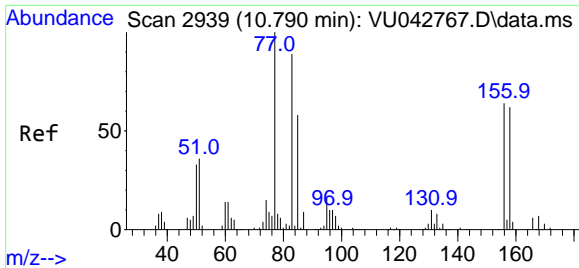


#74  
 N-ethyl acetate  
 Concen: 19.98 ug/l  
 RT: 10.330 min Scan# 2796  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



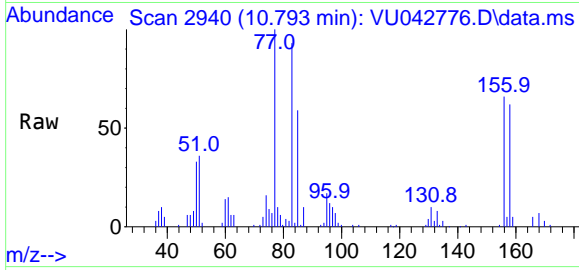
Tgt Ion: 43 Resp: 66866  
 Ion Ratio Lower Upper  
 43 100  
 70 34.3 27.8 41.6  
 55 22.4 18.4 27.6  
 61 20.4 16.4 24.6





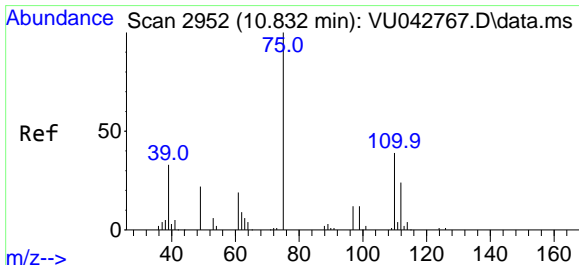
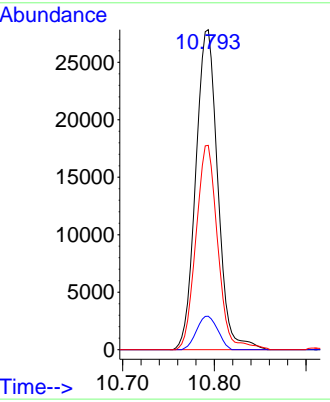
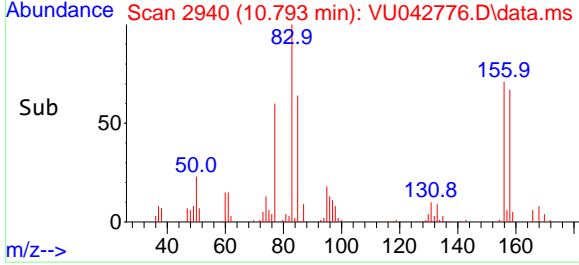
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.14 ug/l  
 RT: 10.793 min Scan# 2940  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01

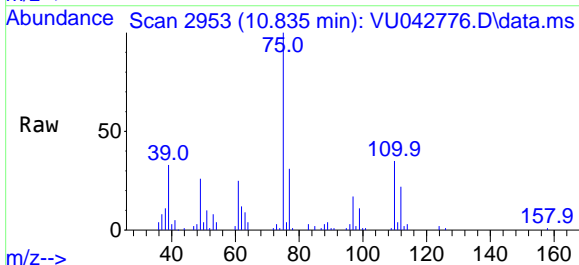


Tgt Ion: 83 Resp: 46401  
 Ion Ratio Lower Upper  
 83 100  
 131 10.0 5.1 15.2  
 85 63.2 32.0 96.2

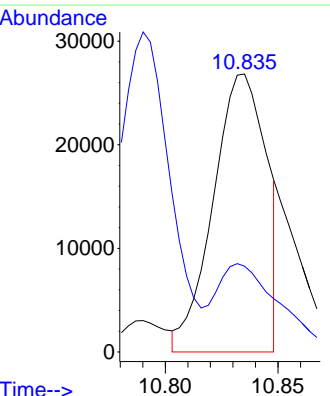
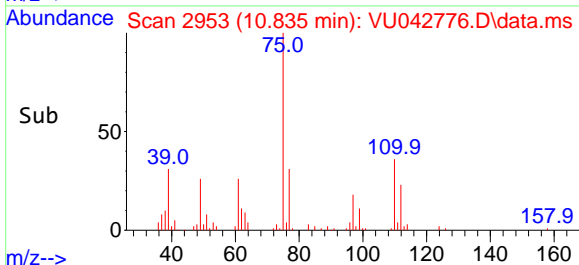
**Manual Integrations**  
**APPROVED**  
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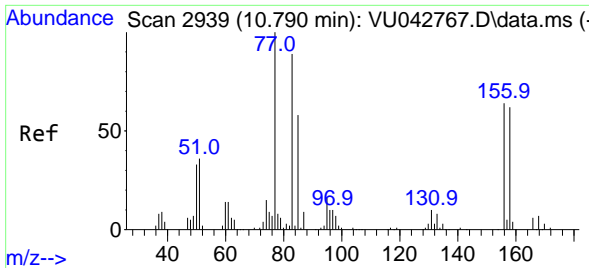


#76  
 1,2,3-Trichloropropane  
 Concen: 18.46 ug/l m  
 RT: 10.835 min Scan# 2953  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



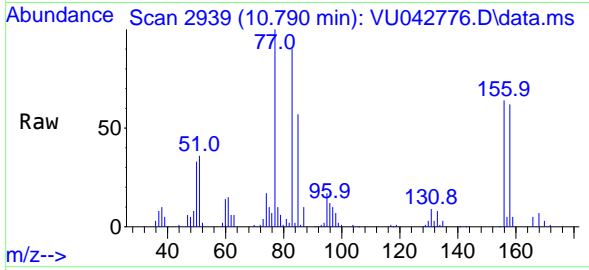
Tgt Ion: 75 Resp: 43997  
 Ion Ratio Lower Upper  
 75 100  
 77 38.8 19.6 58.8





#77  
 Bromobenzene  
 Concen: 19.59 ug/l  
 RT: 10.790 min Scan# 2939  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

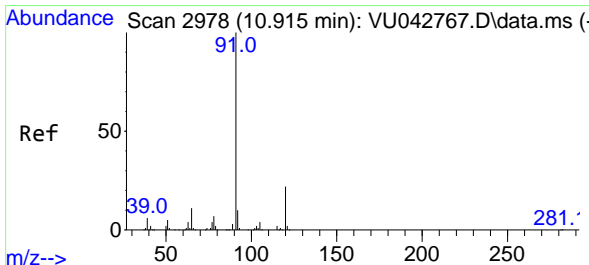
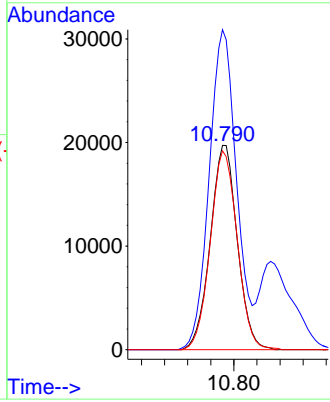
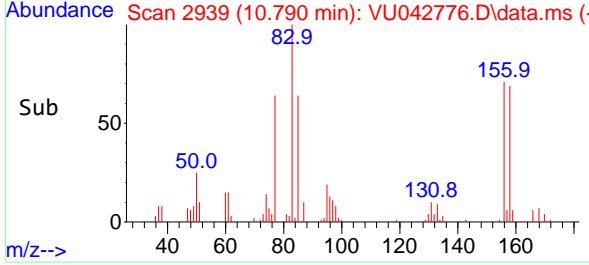
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01



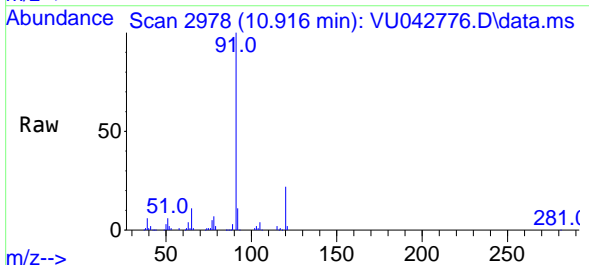
Tgt Ion: 156 Resp: 31971

Ion	Ratio	Lower	Upper
156	100		
77	157.7	79.5	238.3
158	97.2	48.1	144.4

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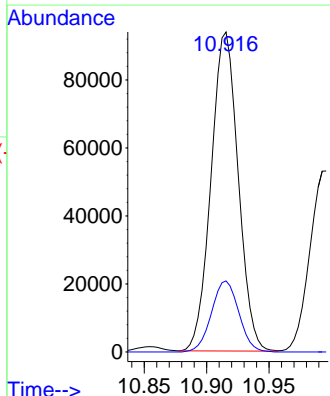
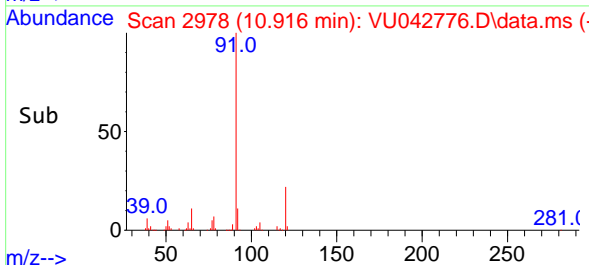


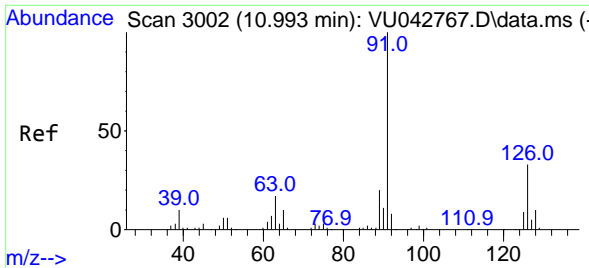
#78  
 n-propylbenzene  
 Concen: 20.36 ug/l  
 RT: 10.916 min Scan# 2978  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



Tgt Ion: 91 Resp: 142145

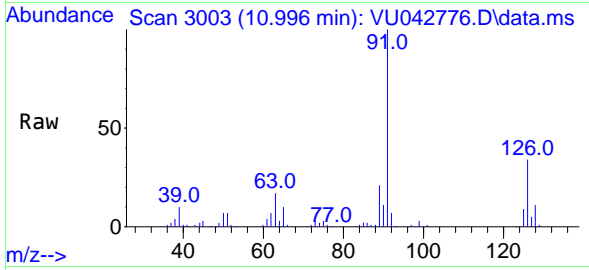
Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1





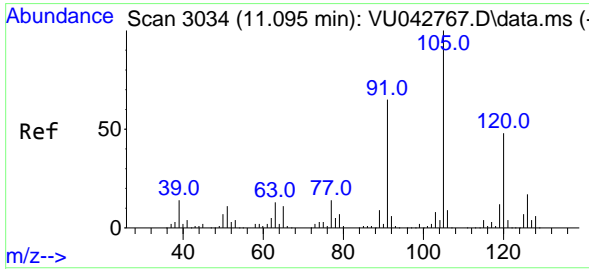
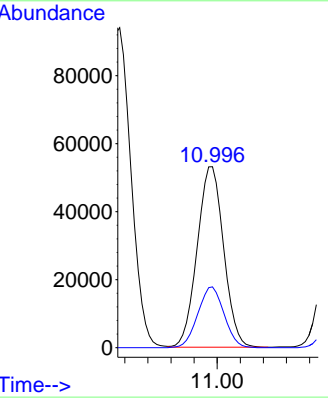
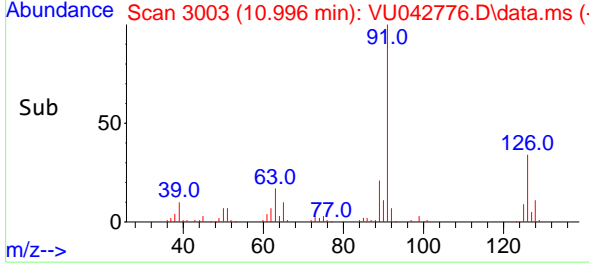
#79  
 2-Chlorotoluene  
 Concen: 20.07 ug/l  
 RT: 10.996 min Scan# 3003  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

**Instrument :**  
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**ClientSampled :**  
 VU0325MBS01

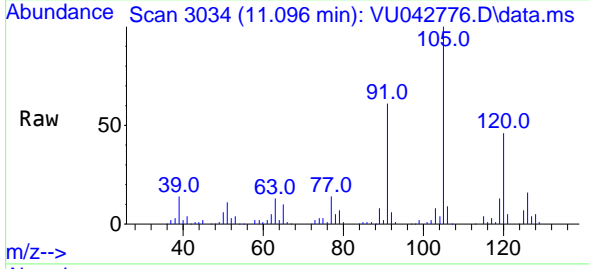


Tgt Ion: 91 Resp: 84517  
 Ion Ratio Lower Upper  
 91 100  
 126 33.3 16.7 50.1

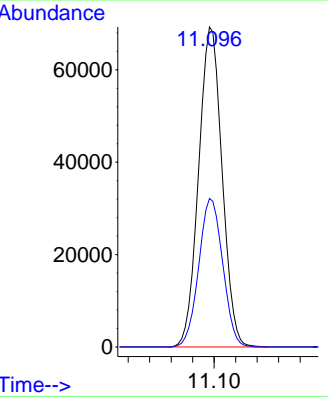
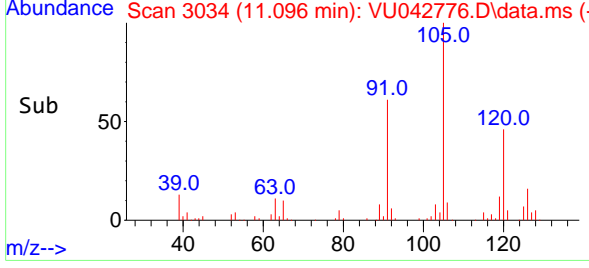
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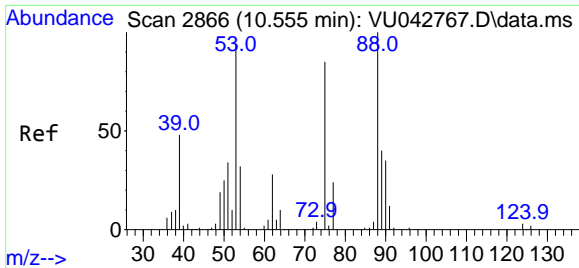


#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.40 ug/l  
 RT: 11.096 min Scan# 3034  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



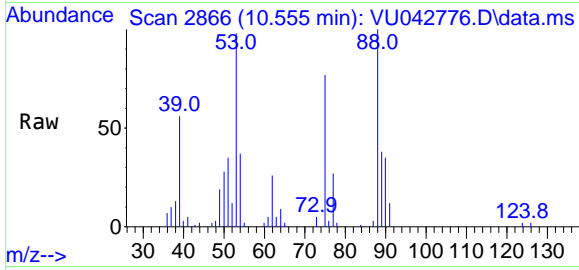
Tgt Ion: 105 Resp: 104947  
 Ion Ratio Lower Upper  
 105 100  
 120 47.4 23.4 70.2





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 16.81 ug/l  
 RT: 10.555 min Scan# 2866  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

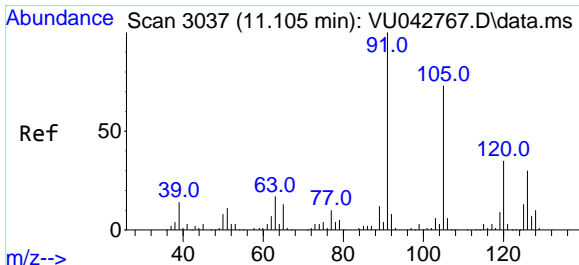
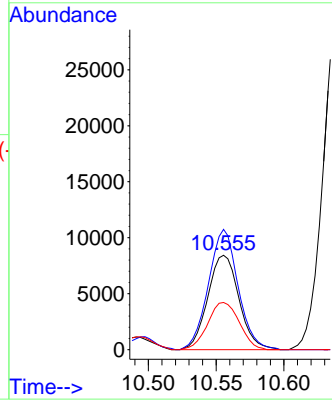
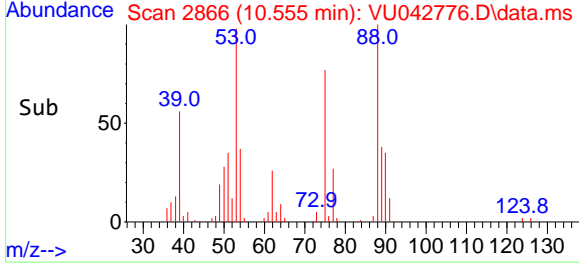
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01



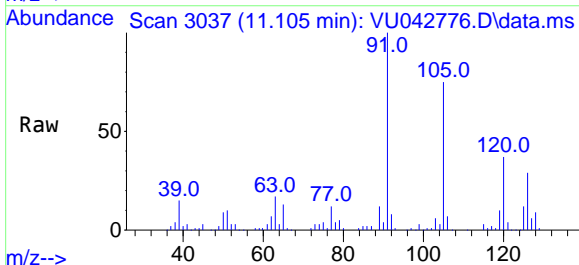
Tgt Ion: 75 Resp: 13518

Ion	Ratio	Lower	Upper
75	100		
53	121.0	88.3	132.5
89	50.7	35.7	53.5

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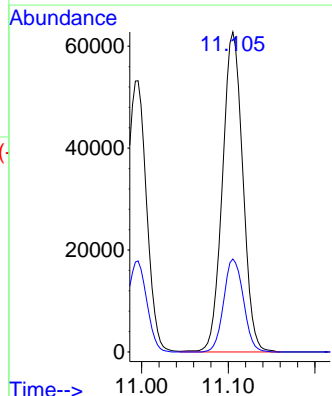
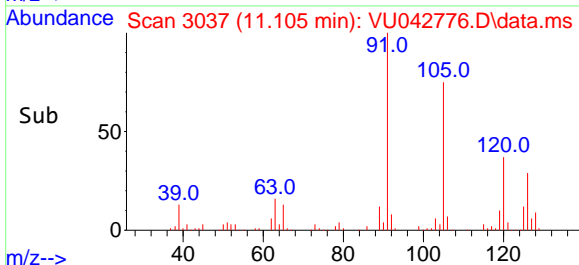


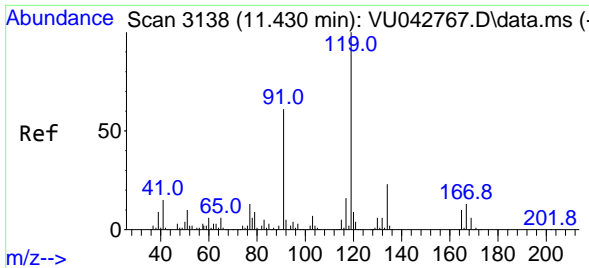
#82  
 4-Chlorotoluene  
 Concen: 20.33 ug/l  
 RT: 11.105 min Scan# 3037  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



Tgt Ion: 91 Resp: 102279

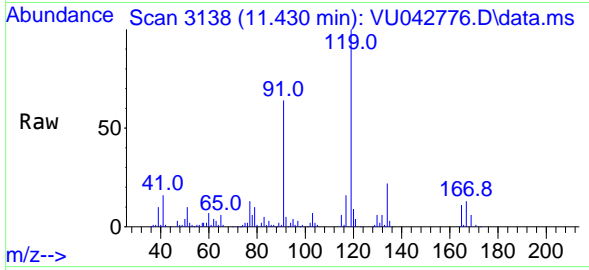
Ion	Ratio	Lower	Upper
91	100		
126	28.2	14.5	43.5





#83  
 tert-Butylbenzene  
 Concen: 19.64 ug/l  
 RT: 11.430 min Scan# 3138  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

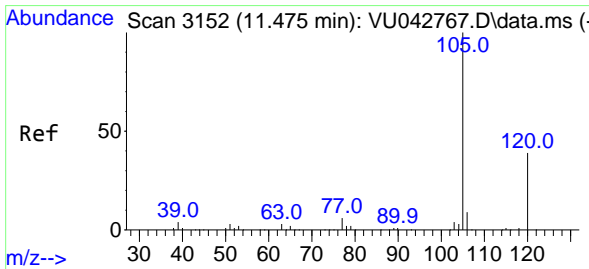
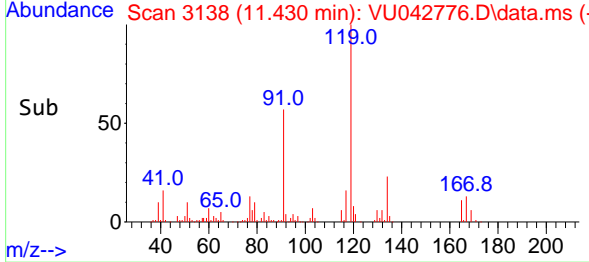
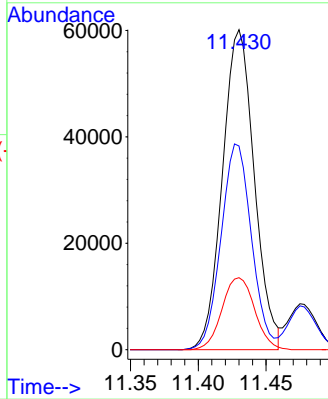
Instrument : MSVOA\_U  
 ClientSampled : VU0325MBS01



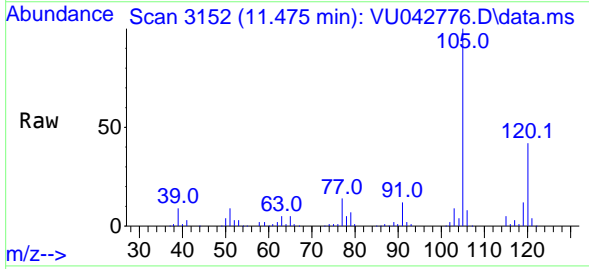
Tgt Ion:119 Resp: 98446

Ion	Ratio	Lower	Upper
119	100		
91	61.3	30.1	90.3
134	23.1	11.2	33.6

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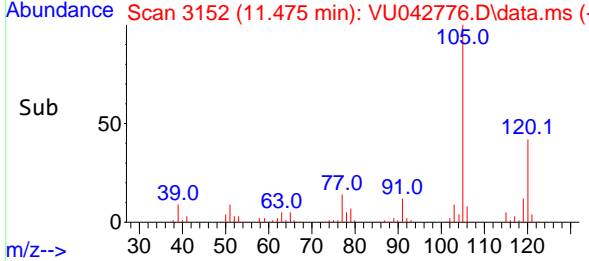
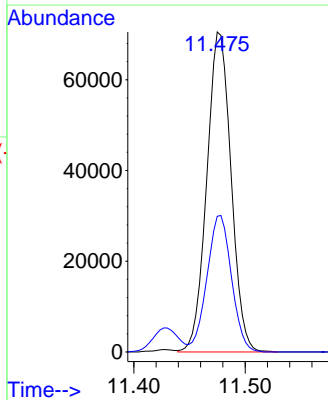


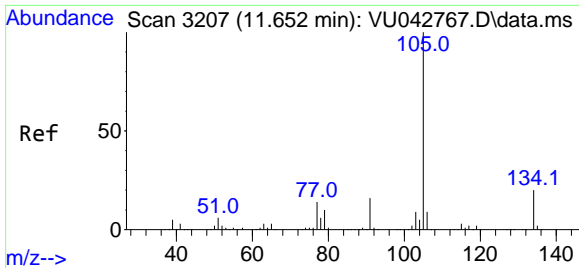
#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.56 ug/l  
 RT: 11.475 min Scan# 3152  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



Tgt Ion:105 Resp: 106845

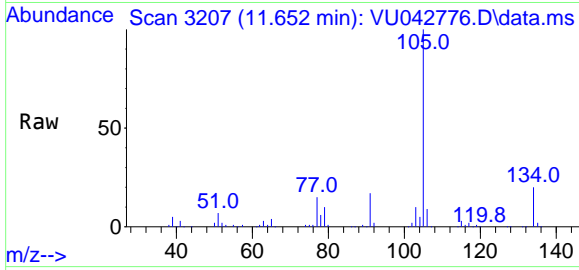
Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.3	66.8





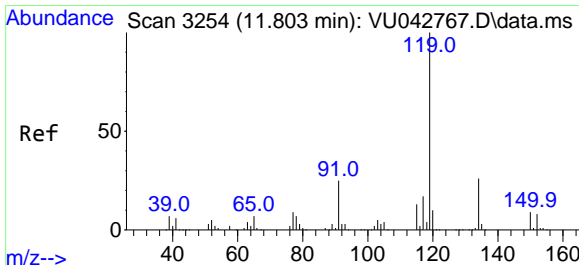
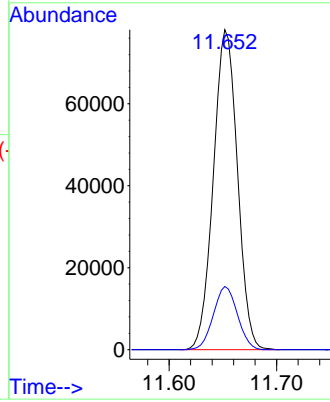
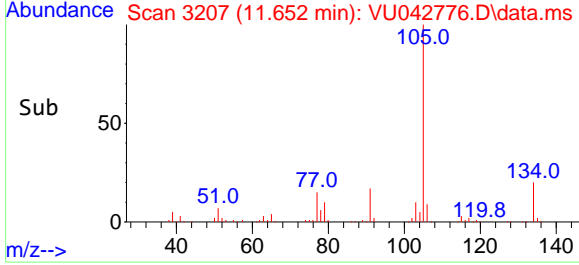
#85  
 sec-Butylbenzene  
 Concen: 20.83 ug/l  
 RT: 11.652 min Scan# 3207  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01

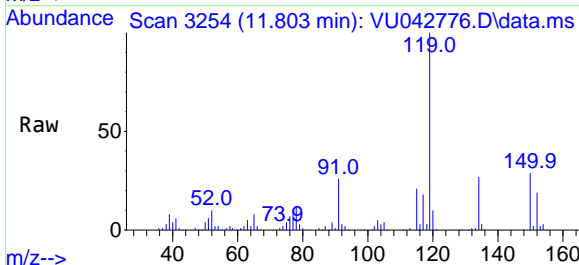


Tgt Ion:105 Resp: 121346  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 9.8 29.5

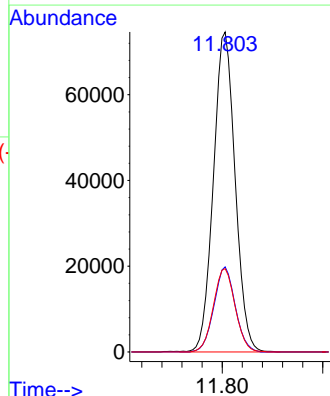
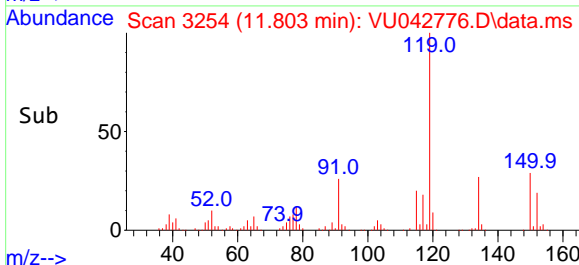
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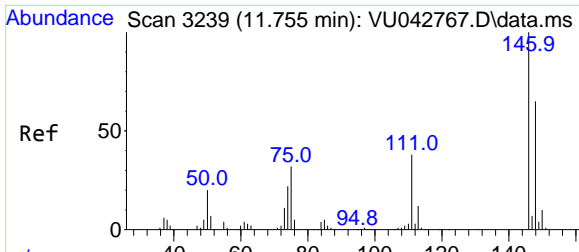


#86  
 p-Isopropyltoluene  
 Concen: 20.97 ug/l  
 RT: 11.803 min Scan# 3254  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

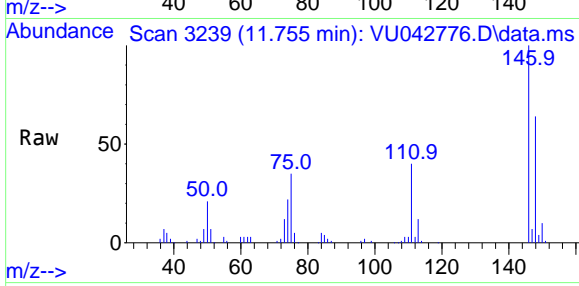


Tgt Ion:119 Resp: 111819  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.8 38.3  
 91 26.1 12.6 37.8



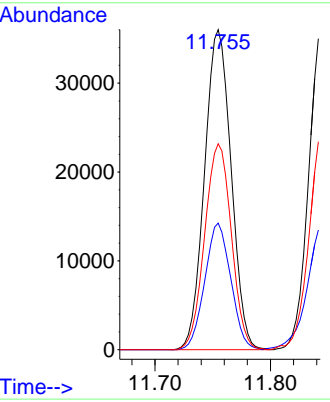
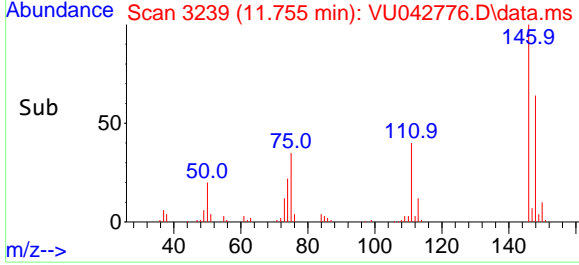


#87  
 1,3-Dichlorobenzene  
 Concen: 19.66 ug/l  
 RT: 11.755 min Scan# 3239  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



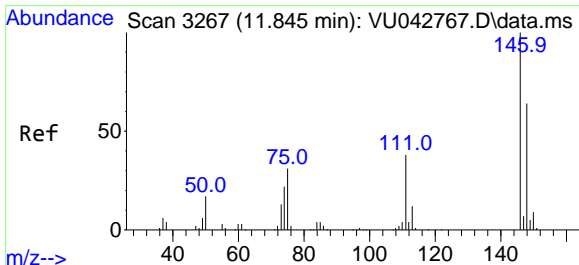
Tgt Ion:146 Resp: 57650

Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.4
148	64.5	32.6	97.7

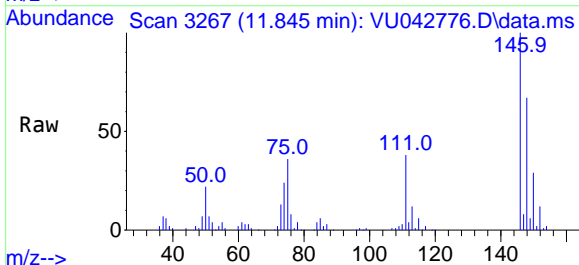


**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
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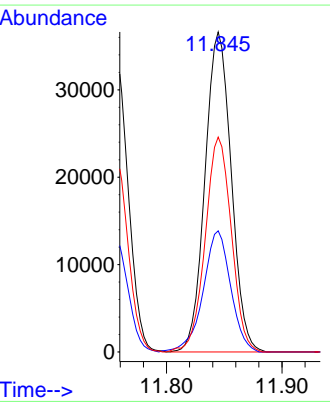
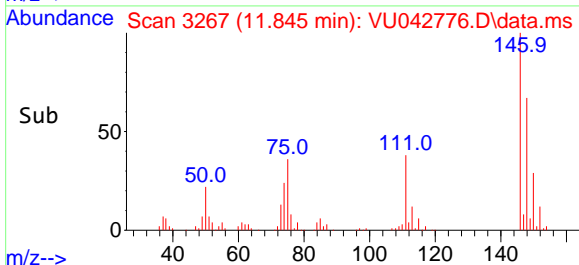


#88  
 1,4-Dichlorobenzene  
 Concen: 19.17 ug/l  
 RT: 11.845 min Scan# 3267  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

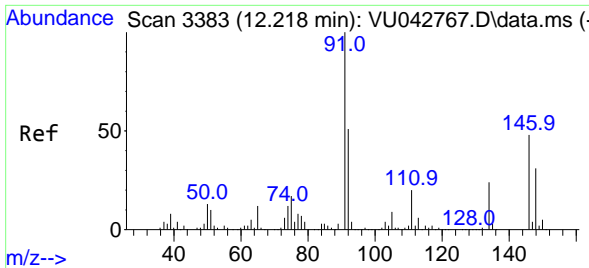


Tgt Ion:146 Resp: 57743

Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.2
148	67.0	32.4	97.0

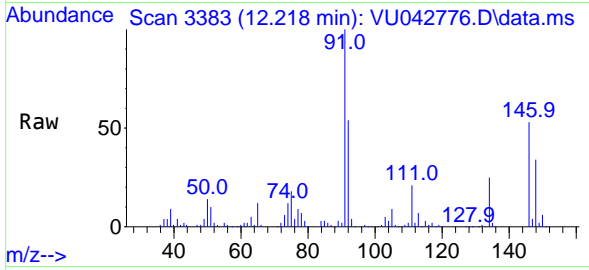






#89  
 n-Butylbenzene  
 Concen: 20.14 ug/l  
 RT: 12.218 min Scan# 3383  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

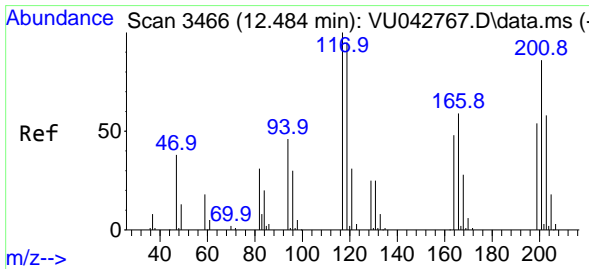
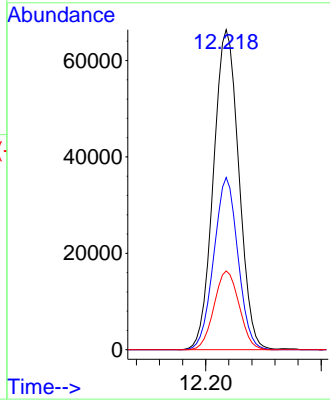
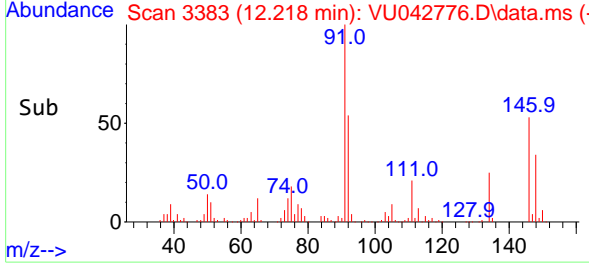
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01



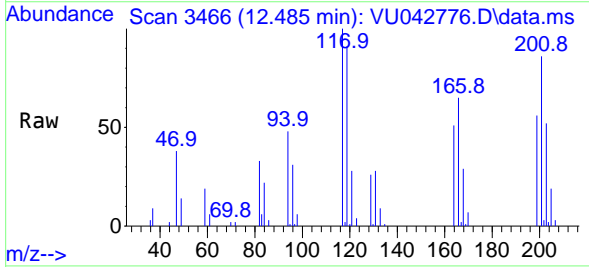
Tgt Ion: 91 Resp: 101316  

Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.7	77.1
134	24.3	12.1	36.3

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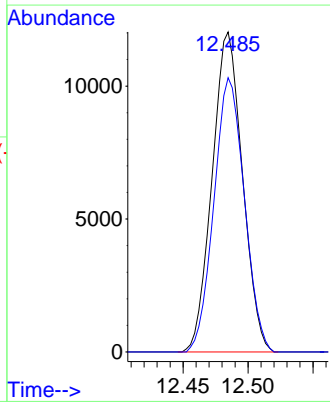
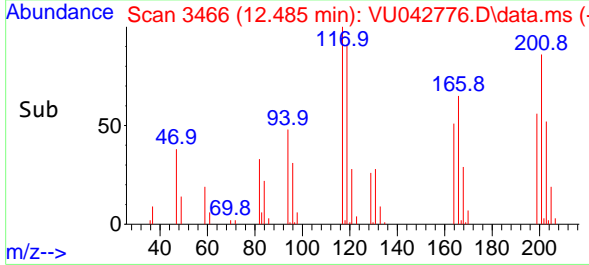


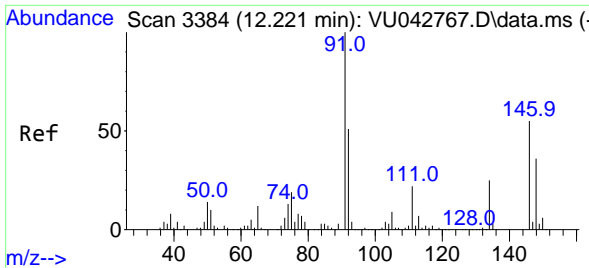
#90  
 Hexachloroethane  
 Concen: 19.40 ug/l  
 RT: 12.485 min Scan# 3466  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



Tgt Ion: 117 Resp: 19528  

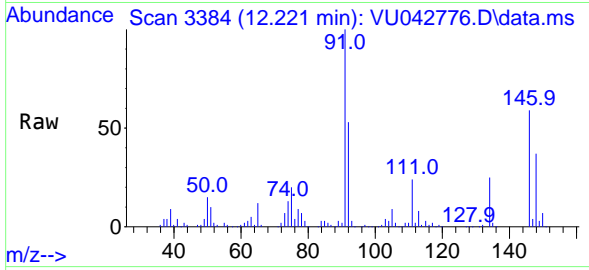
Ion	Ratio	Lower	Upper
117	100		
201	85.8	43.5	130.7





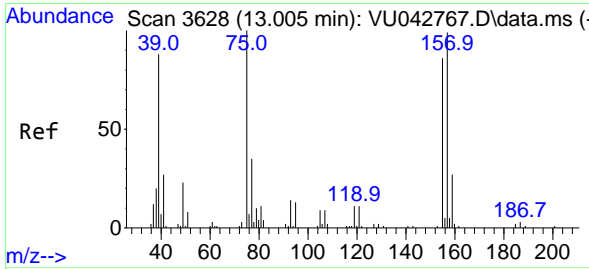
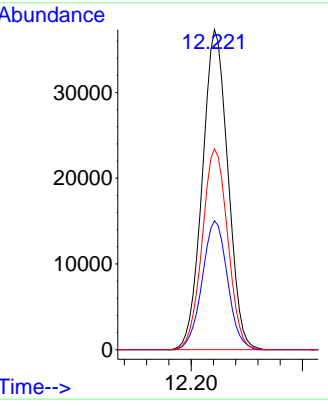
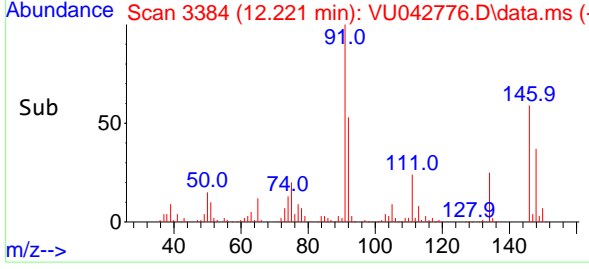
#91  
 1,2-Dichlorobenzene  
 Concen: 19.90 ug/l  
 RT: 12.221 min Scan# 3384  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

Instrument : MSVOA\_U  
 ClientSampled : VU0325MBS01

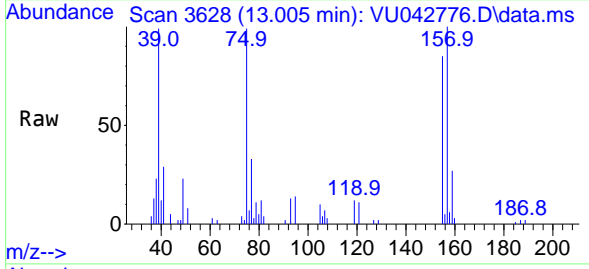


Tgt Ion:146 Resp: 59402  
 Ion Ratio Lower Upper  
 146 100  
 111 40.0 20.0 60.0  
 148 62.8 32.5 97.4

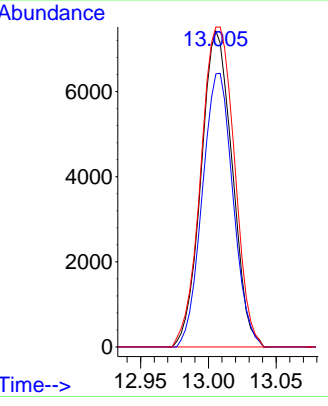
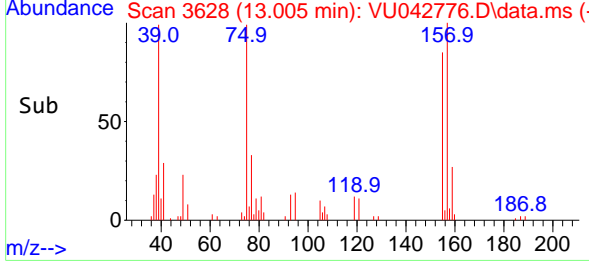
Manual Integrations  
**APPROVED**  
 apatel  
 3/30/2021 10:59:20 AM

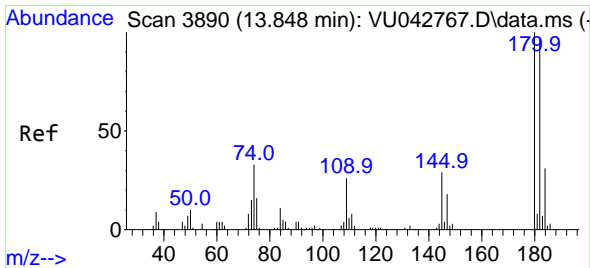


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.45 ug/l  
 RT: 13.005 min Scan# 3628  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



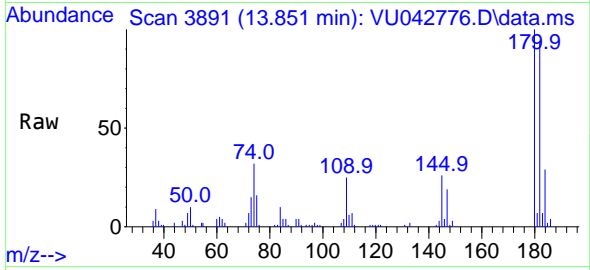
Tgt Ion: 75 Resp: 11844  
 Ion Ratio Lower Upper  
 75 100  
 155 85.5 40.8 122.5  
 157 109.3 51.4 154.3





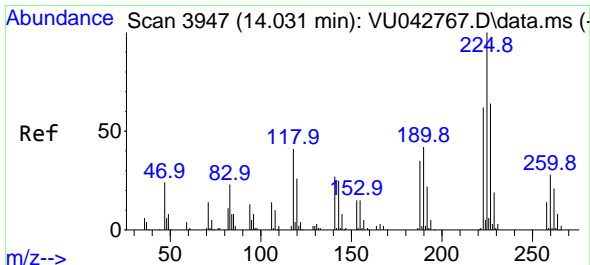
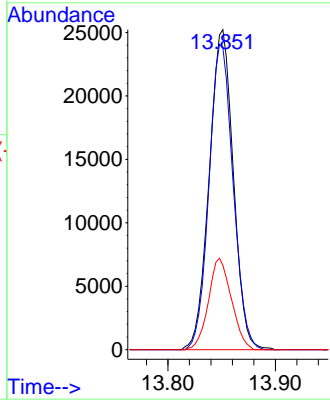
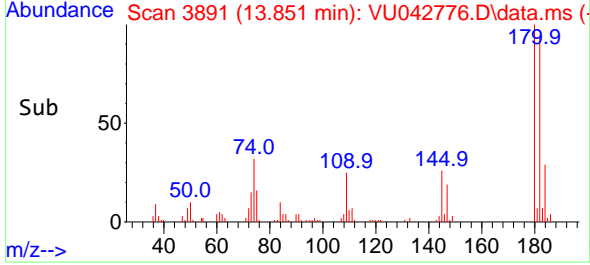
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.61 ug/l  
 RT: 13.851 min Scan# 3891  
 Delta R.T. 0.003 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01

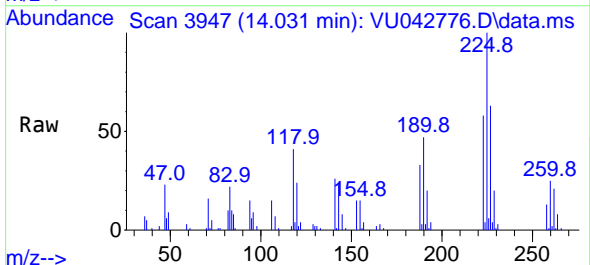


Tgt Ion:180 Resp: 39224  
 Ion Ratio Lower Upper  
 180 100  
 182 95.2 48.0 144.0  
 145 27.3 14.5 43.5

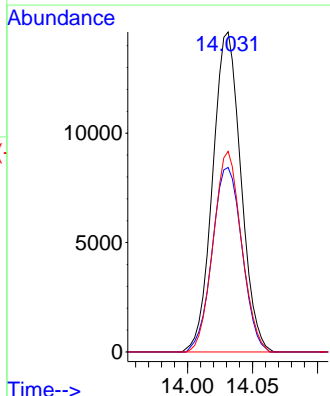
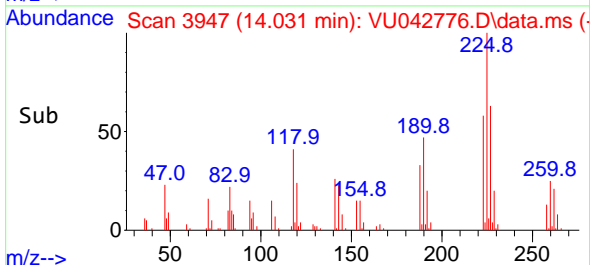
**Manual Integrations**  
**APPROVED**  
 apatel  
 3/30/2021 10:59:20 AM

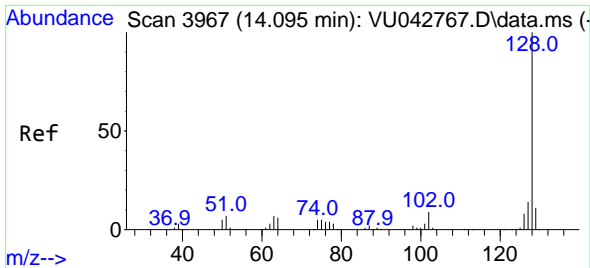


#94  
 Hexachlorobutadiene  
 Concen: 19.85 ug/l  
 RT: 14.031 min Scan# 3947  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



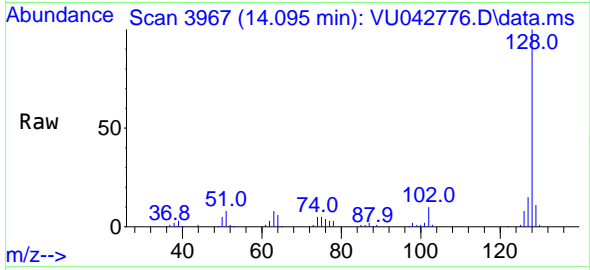
Tgt Ion:225 Resp: 22100  
 Ion Ratio Lower Upper  
 225 100  
 223 60.8 31.4 94.3  
 227 62.6 31.9 95.5





#95  
 Naphthalene  
 Concen: 18.75 ug/l  
 RT: 14.095 min Scan# 3967  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45

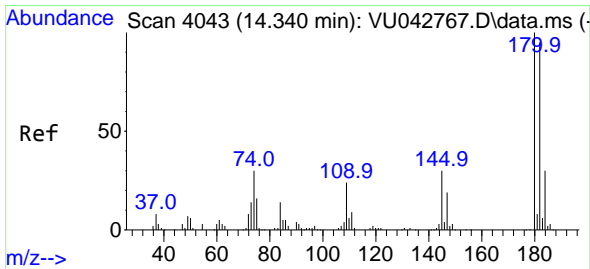
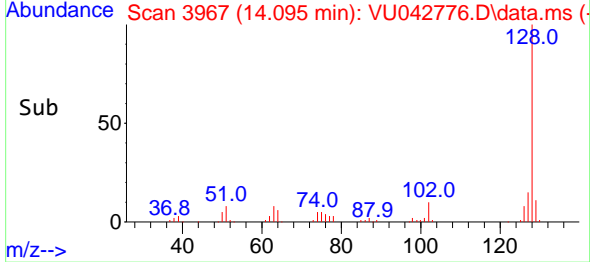
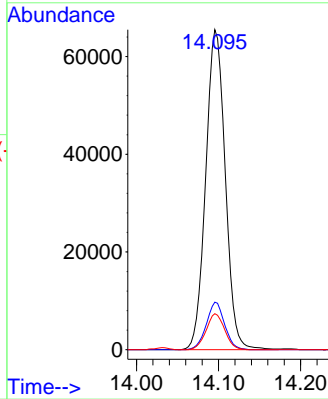
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VU0325MBS01



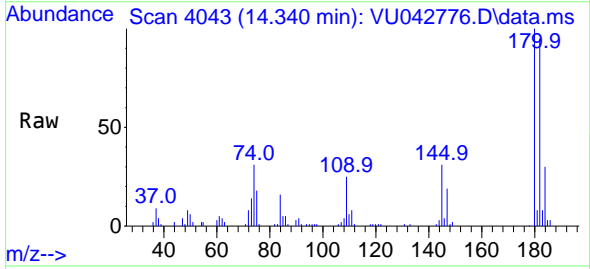
Tgt Ion:128 Resp: 108365

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.9	16.3
129	10.7	8.7	13.1

**Manual Integrations**  
**APPROVED**  
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 3/30/2021 10:59:20 AM



#96  
 1,2,3-Trichlorobenzene  
 Concen: 20.78 ug/l  
 RT: 14.340 min Scan# 4043  
 Delta R.T. 0.000 min  
 Lab File: VU042776.D  
 Acq: 25 Mar 2021 11:45



Tgt Ion:180 Resp: 40029

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.5	142.6
145	30.1	15.0	45.0

