

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045676.D
 Acq On : 09 Nov 2021 22:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 10 02:03:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	123929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	222213	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	218146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	112653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	97875	52.735	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.480%			
35) Dibromofluoromethane	5.292	113	76435	51.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.040%			
50) Toluene-d8	7.899	98	284337	51.541	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.080%			
62) 4-Bromofluorobenzene	10.636	95	110330	49.874	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	78088	48.598	ug/l	99
3) Chloromethane	1.520	50	87414	47.547	ug/l	100
4) Vinyl Chloride	1.604	62	89816	50.152	ug/l	100
5) Bromomethane	1.842	94	55582	55.643	ug/l	98
6) Chloroethane	1.925	64	55712	47.668	ug/l	98
7) Trichlorofluoromethane	2.134	101	118676	50.112	ug/l	100
8) Diethyl Ether	2.375	74	48926	52.191	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.578	101	68570	49.586	ug/l	97
10) Methyl Iodide	2.723	142	72378	39.996	ug/l	92
11) Tert butyl alcohol	3.179	59	108228	294.612	ug/l	99
12) 1,1-Dichloroethene	2.578	96	66757	48.962	ug/l	100
13) Acrolein	2.485	56	15311	287.612	ug/l	99
14) Allyl chloride	2.922	41	124455	51.121	ug/l	97
15) Acrylonitrile	3.314	53	274411	279.781	ug/l	97
16) Acetone	2.626	43	217110	229.798	ug/l	98
17) Carbon Disulfide	2.793	76	174334	45.649	ug/l	100
18) Methyl Acetate	2.948	43	174373	54.188	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	258977	52.768	ug/l	98
20) Methylene Chloride	3.047	84	82667	50.356	ug/l	100
21) trans-1,2-Dichloroethene	3.353	96	73191	51.599	ug/l	98
22) Diisopropyl ether	3.996	45	258994	54.180	ug/l	94
23) Vinyl Acetate	3.957	43	1007324	273.989	ug/l	100
24) 1,1-Dichloroethane	3.871	63	149361	52.434	ug/l	99
25) 2-Butanone	4.700	43	358753	273.778	ug/l	100
26) 2,2-Dichloropropane	4.668	77	105433	44.666	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	88225	52.956	ug/l	99
28) Bromochloromethane	4.977	49	71119	52.369	ug/l	98
29) Tetrahydrofuran	5.051	42	226223	282.237	ug/l	99
30) Chloroform	5.092	83	148692	52.780	ug/l	99
31) Cyclohexane	5.391	56	130081	48.035	ug/l	99
32) 1,1,1-Trichloroethane	5.317	97	127540	53.088	ug/l	98
36) 1,1-Dichloropropene	5.526	75	106503	49.154	ug/l	99
37) Ethyl Acetate	4.803	43	133409	53.600	ug/l	100
38) Carbon Tetrachloride	5.526	117	108359	49.605	ug/l	97
39) Methylcyclohexane	6.764	83	125740	47.303	ug/l	98
40) Benzene	5.774	78	318684	49.678	ug/l	99

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Quant Time: Nov 10 02:03:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	72253	54.931	ug/l	98
42) 1,2-Dichloroethane	5.797	62	119362	51.513	ug/l	99
43) Isopropyl Acetate	5.912	43	198810	52.223	ug/l	98
44) Trichloroethene	6.546	130	80842	52.647	ug/l	99
45) 1,2-Dichloropropane	6.793	63	88558	52.173	ug/l	98
46) Dibromomethane	6.919	93	60023	51.035	ug/l	99
47) Bromodichloromethane	7.108	83	117403	52.610	ug/l	97
48) Methyl methacrylate	6.960	41	93100	53.132	ug/l	98
49) 1,4-Dioxane	6.960	88	53540	1188.153	ug/l #	98
51) 4-Methyl-2-Pentanone	7.793	43	689984	274.752	ug/l	99
52) Toluene	7.973	92	203239	51.749	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	126373	49.274	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	138589	50.875	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	85074	52.266	ug/l	98
56) Ethyl methacrylate	8.337	69	136719	46.983	ug/l	98
57) 1,3-Dichloropropane	8.578	76	150203	51.235	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	336930	224.842	ug/l	100
59) 2-Hexanone	8.684	43	530142	242.833	ug/l	99
60) Dibromochloromethane	8.813	129	88278	52.084	ug/l	99
61) 1,2-Dibromoethane	8.925	107	89280	51.142	ug/l	98
64) Tetrachloroethene	8.555	164	64929	51.858	ug/l	97
65) Chlorobenzene	9.449	112	209635	48.924	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	76893	50.315	ug/l	98
67) Ethyl Benzene	9.571	91	385615	50.252	ug/l	100
68) m/p-Xylenes	9.697	106	298510	103.149	ug/l	99
69) o-Xylene	10.102	106	145297	51.642	ug/l	100
70) Styrene	10.115	104	248640	52.237	ug/l	99
71) Bromoform	10.295	173	64404	44.863	ug/l #	100
73) Isopropylbenzene	10.488	105	383826	52.146	ug/l	100
74) N-amyl acetate	10.320	43	171648	51.693	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	147811	50.685	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	131803m	38.581	ug/l	
77) Bromobenzene	10.783	156	90182	50.462	ug/l	97
78) n-propylbenzene	10.909	91	467461	51.027	ug/l	99
79) 2-Chlorotoluene	10.989	91	273753	50.579	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	331603	51.563	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	41567	40.466	ug/l	98
82) 4-Chlorotoluene	11.099	91	321916	50.715	ug/l	100
83) tert-Butylbenzene	11.423	119	316237	51.585	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	333084	52.112	ug/l	100
85) sec-Butylbenzene	11.645	105	418148	51.430	ug/l	100
86) p-Isopropyltoluene	11.796	119	346656	51.023	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	173681	48.167	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	174896	47.958	ug/l	99
89) n-Butylbenzene	12.211	91	319397	48.802	ug/l	100
90) Hexachloroethane	12.478	117	58560	47.779	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	174426	49.720	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	35366	51.395	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	115139	47.468	ug/l	99
94) Hexachlorobutadiene	14.025	225	47510	45.375	ug/l	98
95) Naphthalene	14.089	128	437413	48.009	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	119138	49.449	ug/l	99

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ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

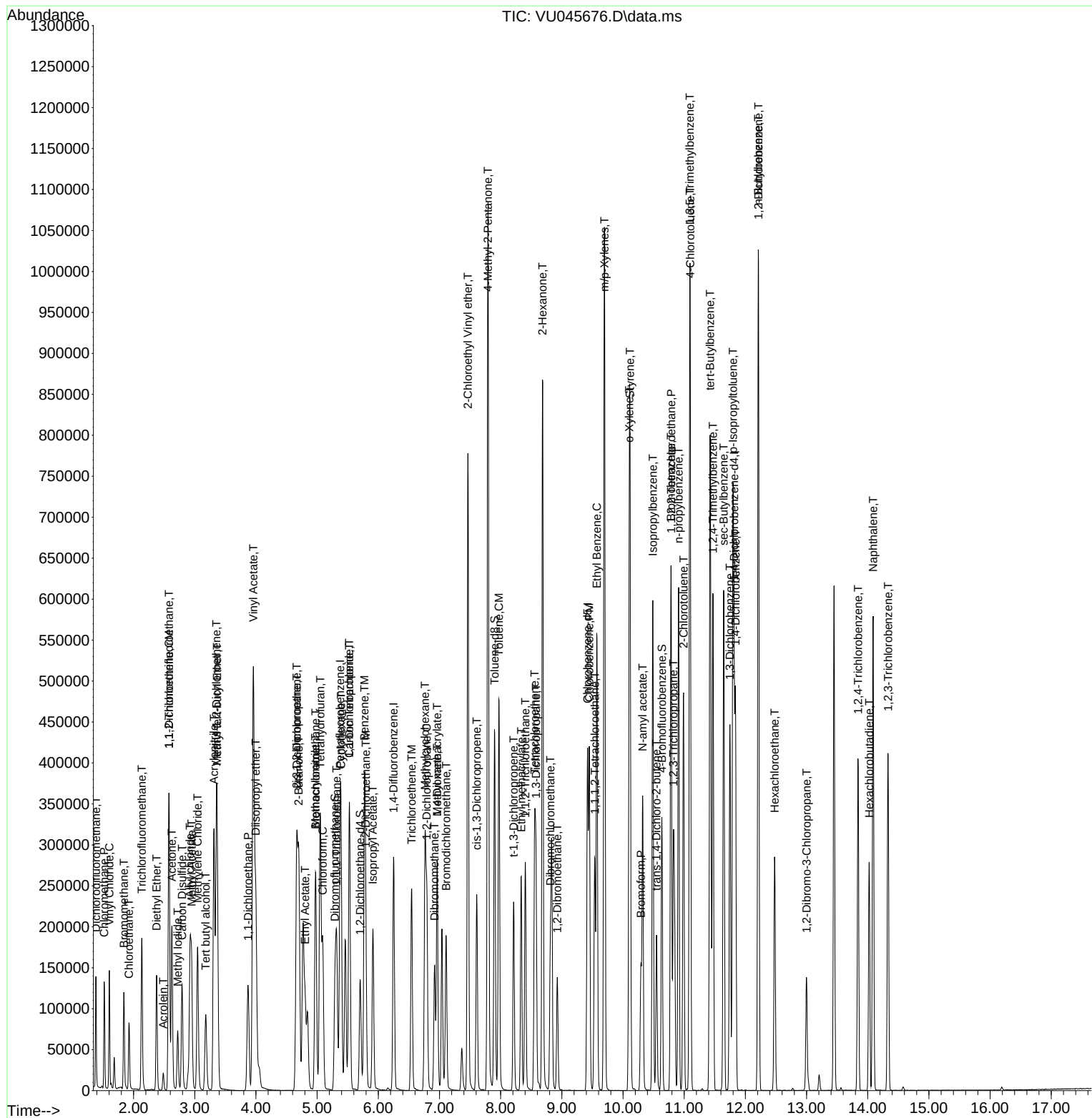
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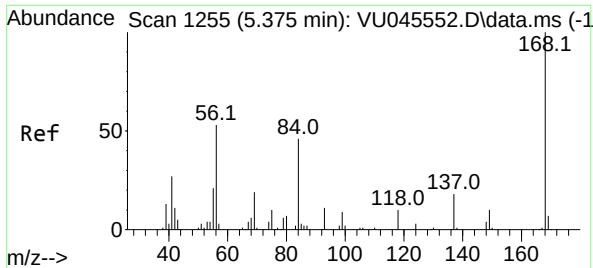
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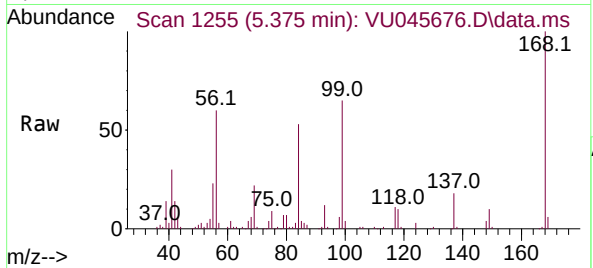
Quant Time: Nov 10 02:03:55 2021
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

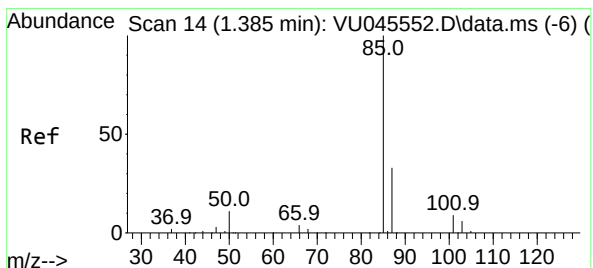
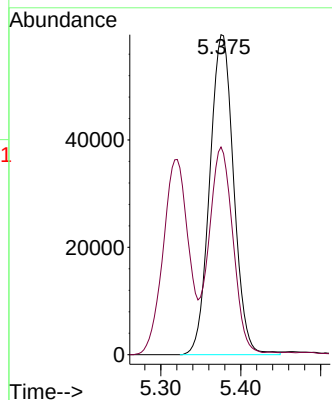
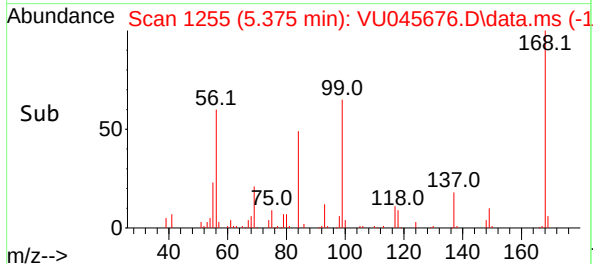
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 123929
Ion Ratio Lower Upper
168 100
99 64.2 51.0 76.6

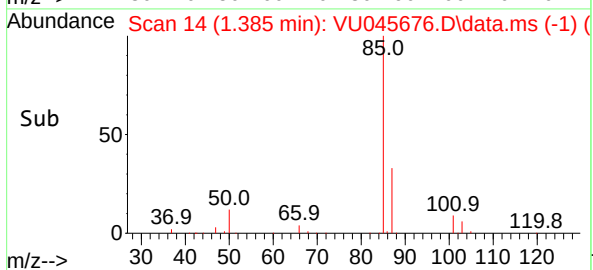
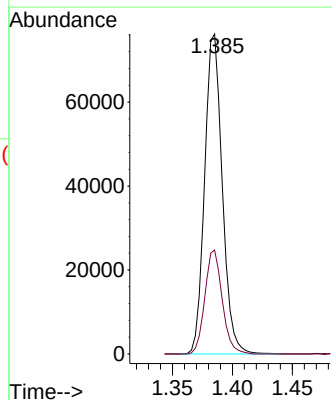
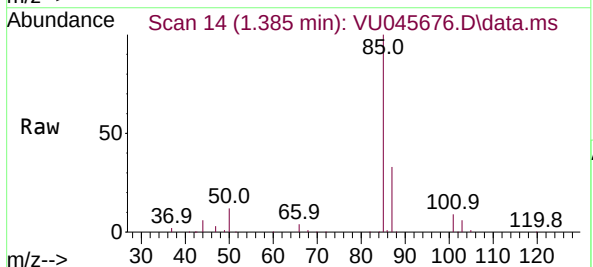
Manual Integrations
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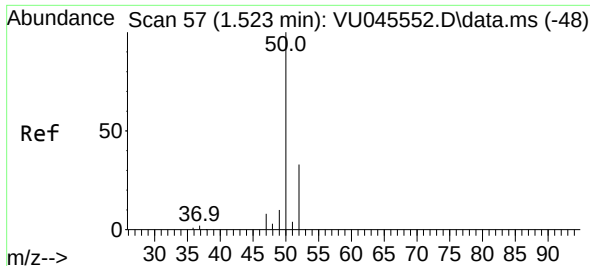
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#2
Dichlorodifluoromethane
Concen: 48.598 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

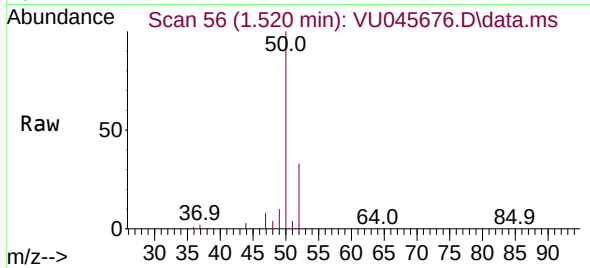
Tgt Ion: 85 Resp: 78088
Ion Ratio Lower Upper
85 100
87 32.5 15.9 47.7





#3
Chloromethane
Concen: 47.547 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

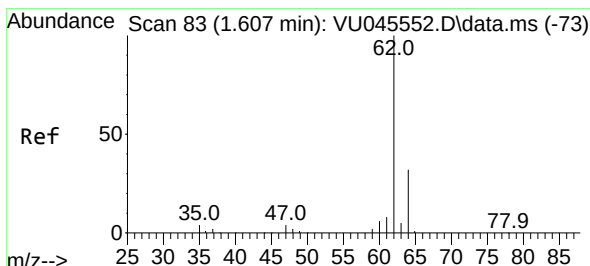
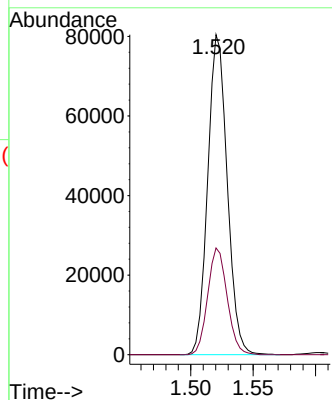
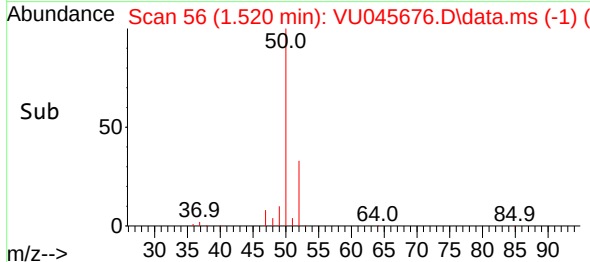
Instrument :
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Tgt Ion: 50 Resp: 87414
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0

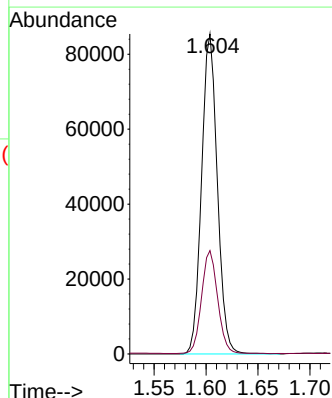
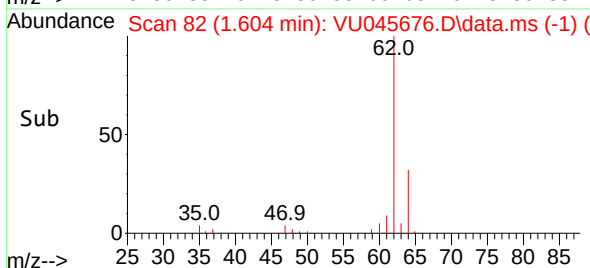
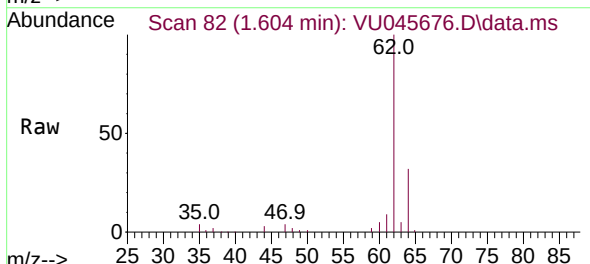
Manual Integrations
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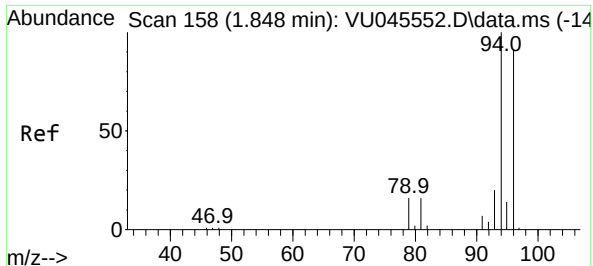
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#4
Vinyl Chloride
Concen: 50.152 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

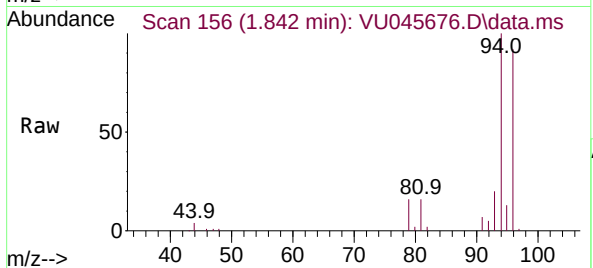
Tgt Ion: 62 Resp: 89816
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6





#5
Bromomethane
Concen: 55.643 ug/l
RT: 1.842 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

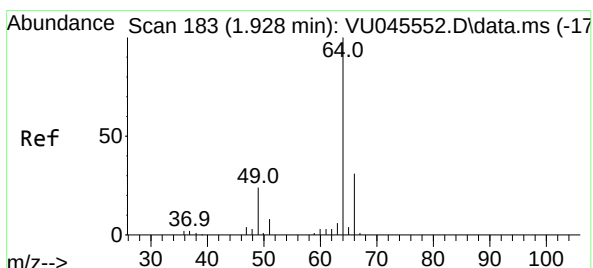
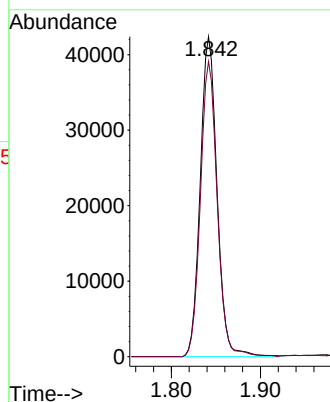
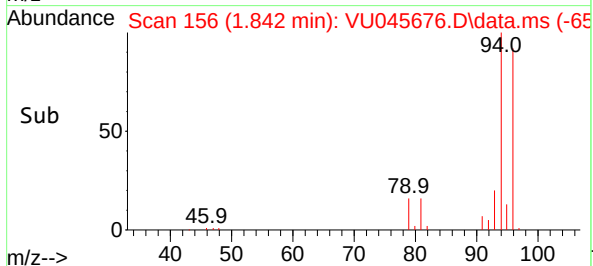
Instrument :
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Tgt Ion: 94 Resp: 5558
Ion Ratio Lower Upper
94 100
96 92.3 75.4 113.2

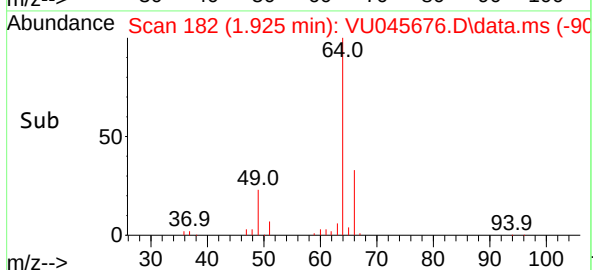
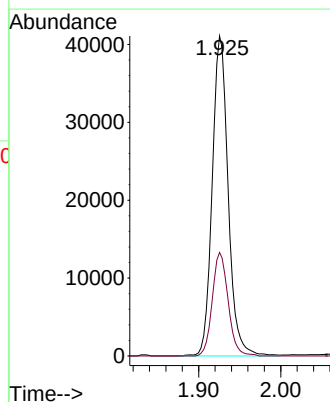
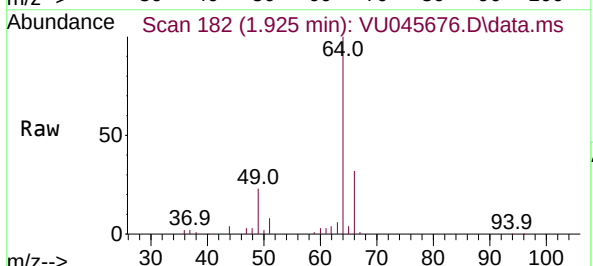
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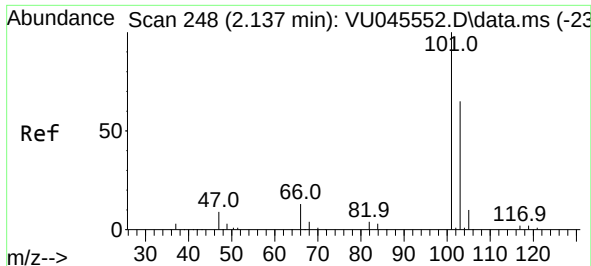
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#6
Chloroethane
Concen: 47.668 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

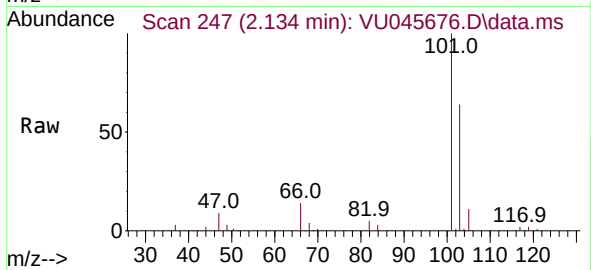
Tgt Ion: 64 Resp: 55712
Ion Ratio Lower Upper
64 100
66 32.4 26.7 40.1





#7
Trichlorofluoromethane
Concen: 50.112 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

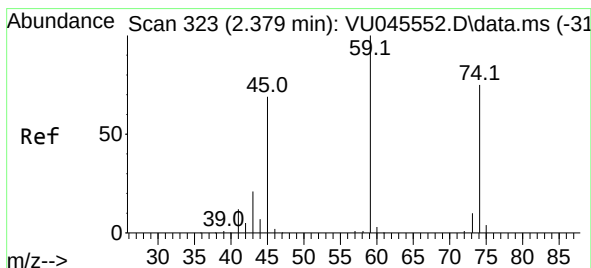
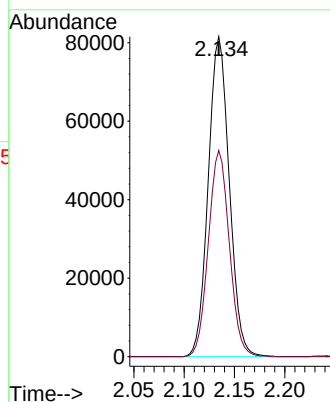
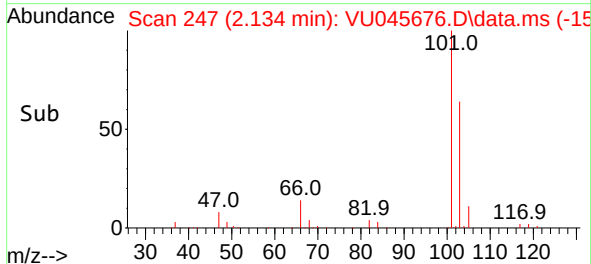
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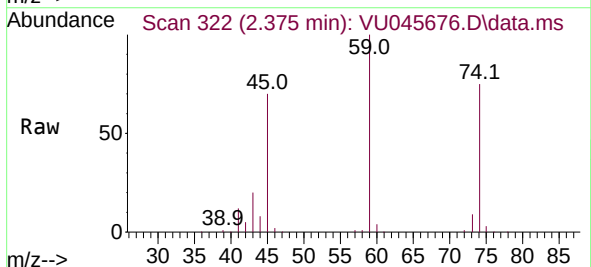
Tgt Ion:101 Resp: 118670
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

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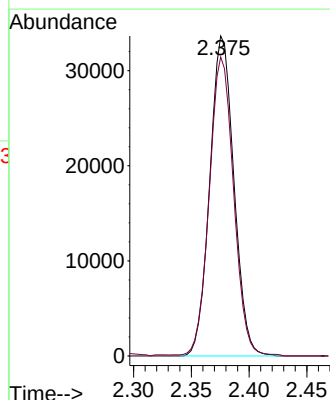
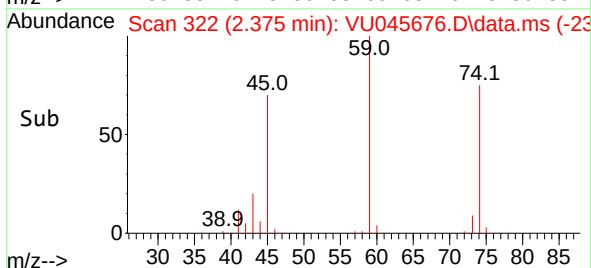
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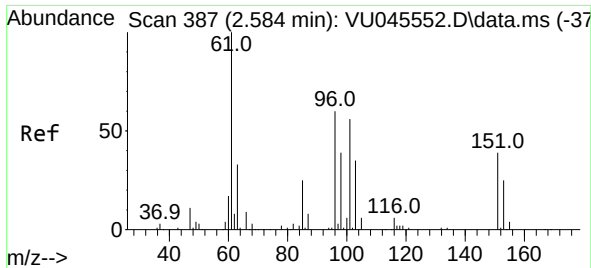


#8
Diethyl Ether
Concen: 52.191 ug/l
RT: 2.375 min Scan# 322
Delta R.T. -0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28



Tgt Ion: 74 Resp: 48926
Ion Ratio Lower Upper
74 100
45 94.4 47.3 141.8





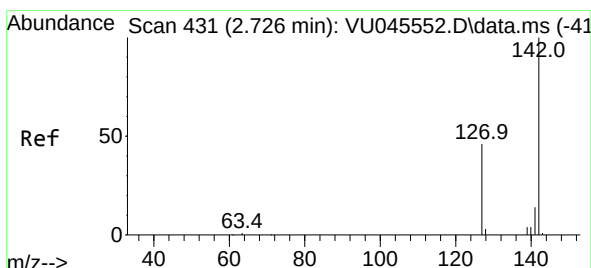
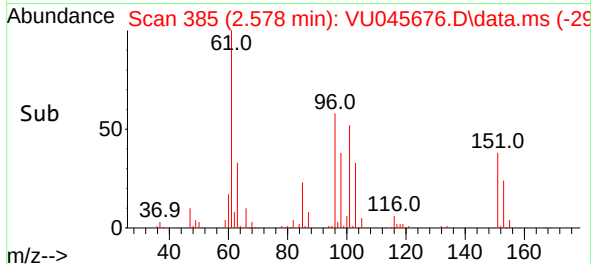
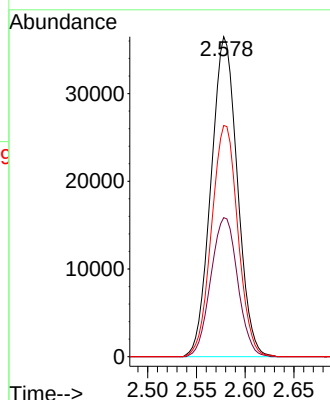
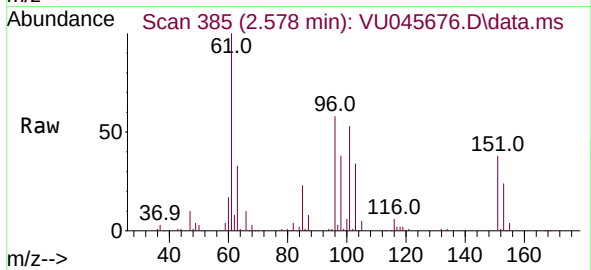
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.586 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 68570
Ion Ratio Lower Upper
101 100
85 44.3 35.0 52.4
151 72.3 54.6 82.0

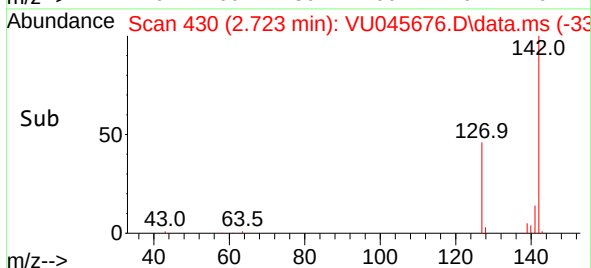
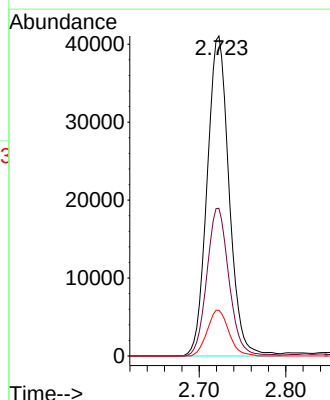
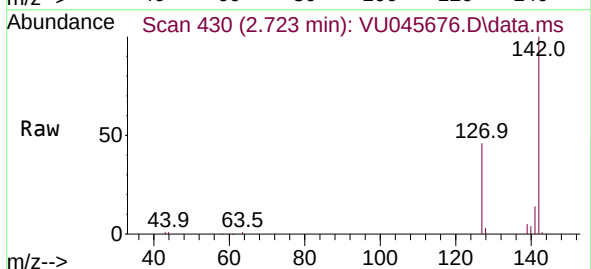
Manual Integrations
APPROVED

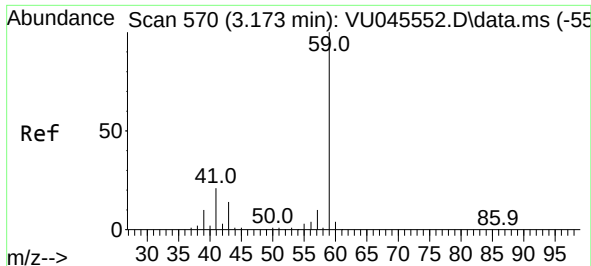
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#10
Methyl Iodide
Concen: 39.996 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

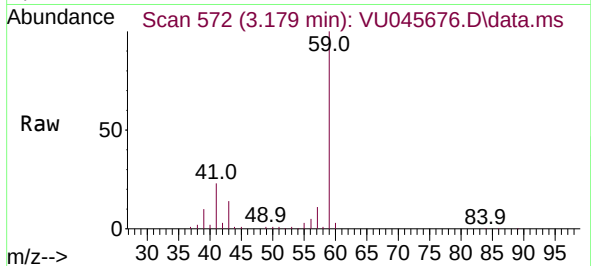
Tgt Ion:142 Resp: 72378
Ion Ratio Lower Upper
142 100
127 46.5 32.2 48.2
141 14.0 11.3 16.9





#11
Tert butyl alcohol
Concen: 294.612 ug/l
RT: 3.179 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

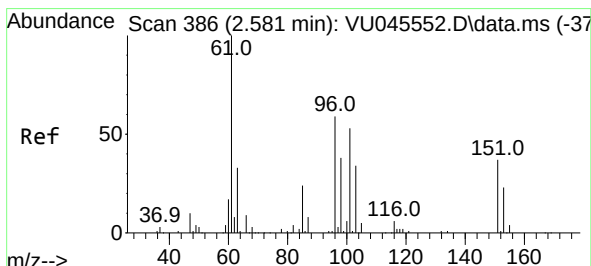
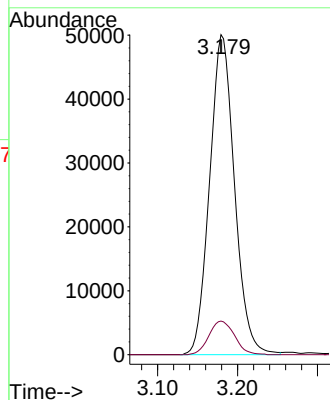
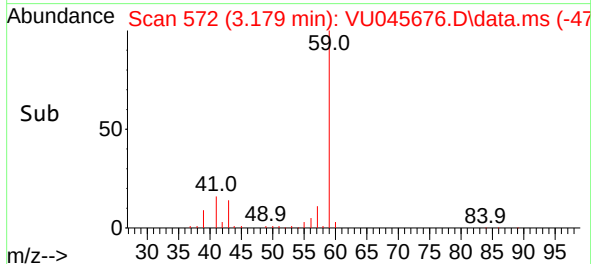
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



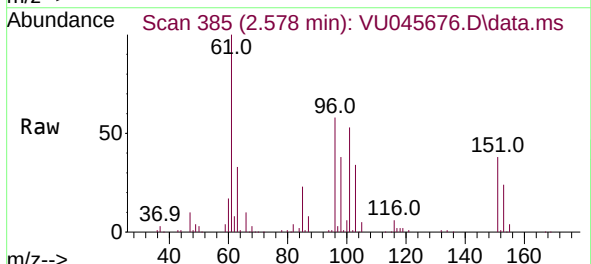
Tgt Ion: 59 Resp: 108228
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

Manual Integrations
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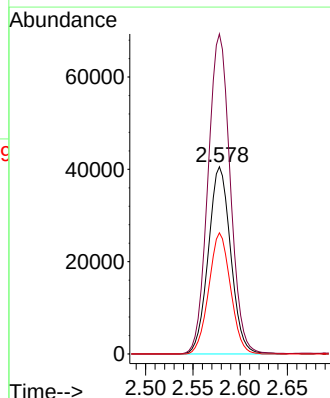
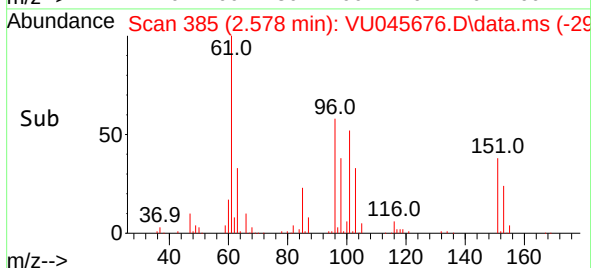
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

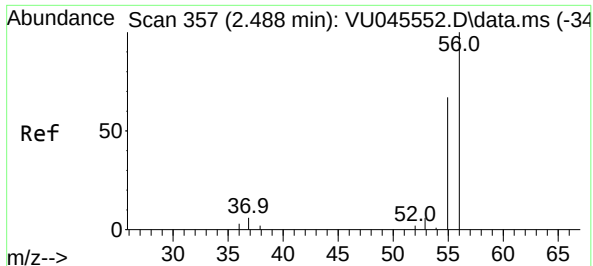


#12
1,1-Dichloroethene
Concen: 48.962 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28



Tgt Ion: 96 Resp: 66757
Ion Ratio Lower Upper
96 100
61 171.0 137.1 205.7
98 64.7 51.5 77.3





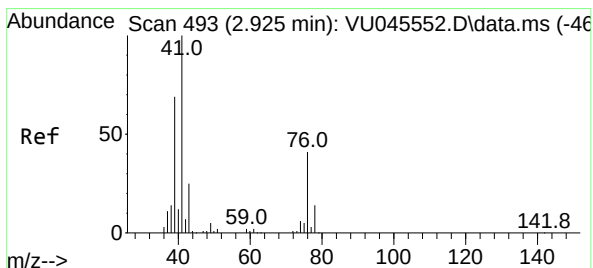
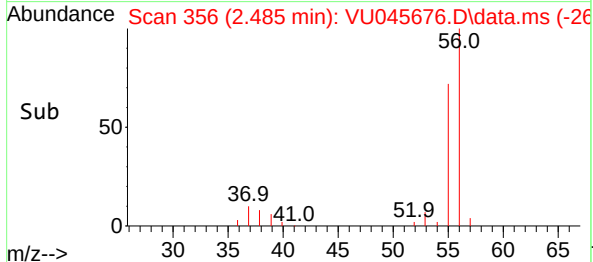
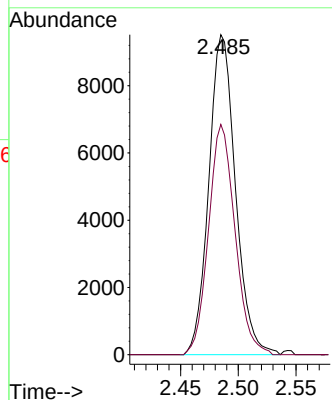
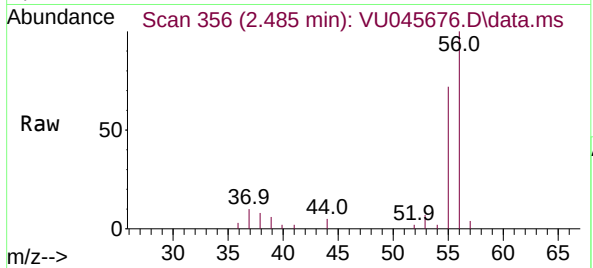
#13
Acrolein
Concen: 287.612 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 1531
Ion Ratio Lower Upper
56 100
55 71.4 56.3 84.5

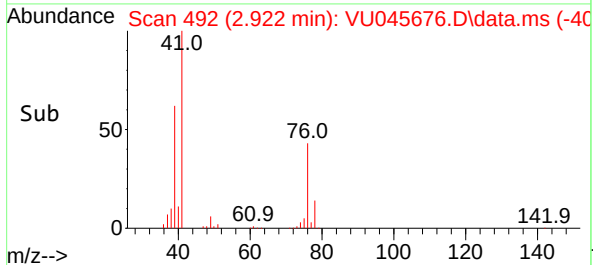
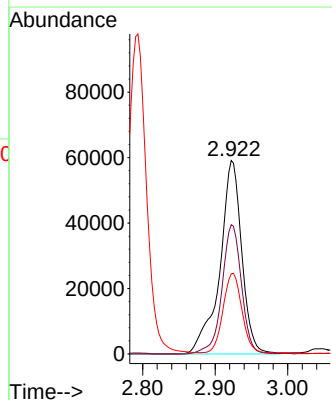
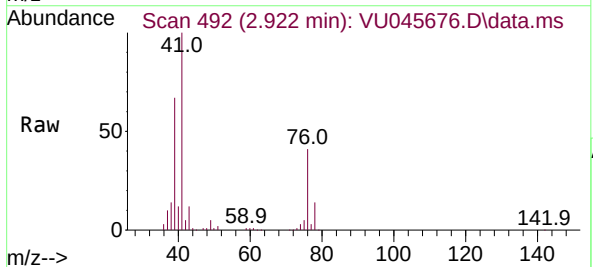
Manual Integrations
APPROVED

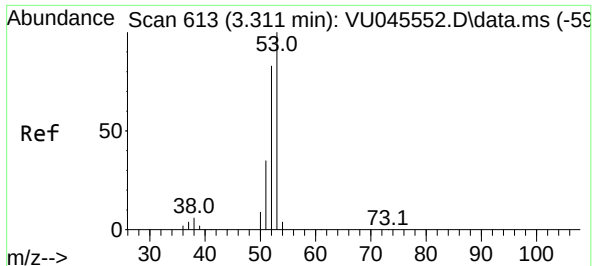
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#14
Allyl chloride
Concen: 51.121 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

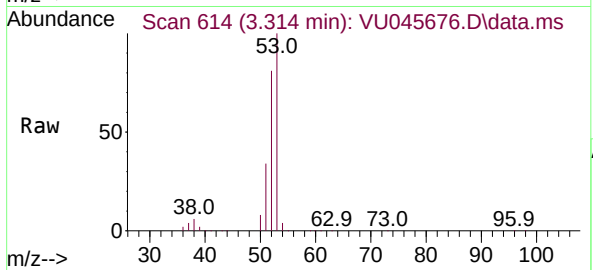
Tgt Ion: 41 Resp: 124455
Ion Ratio Lower Upper
41 100
39 59.3 49.7 74.5
76 35.4 27.7 41.5





#15
Acrylonitrile
Concen: 279.781 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

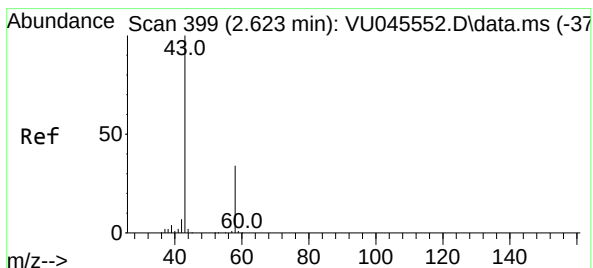
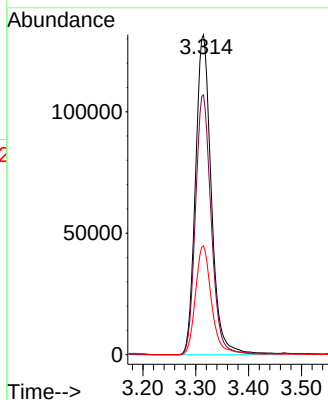
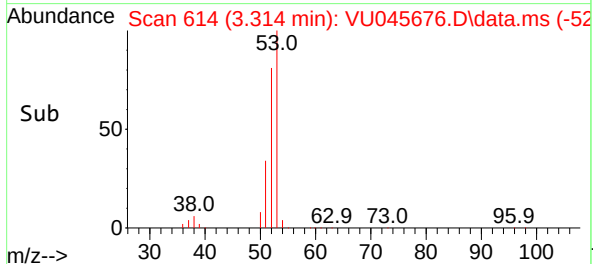
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 274411
Ion Ratio Lower Upper
53 100
52 80.4 66.6 100.0
51 34.6 28.4 42.6

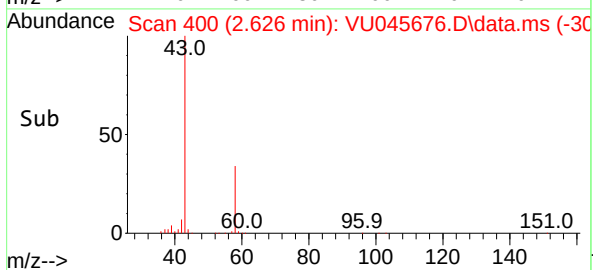
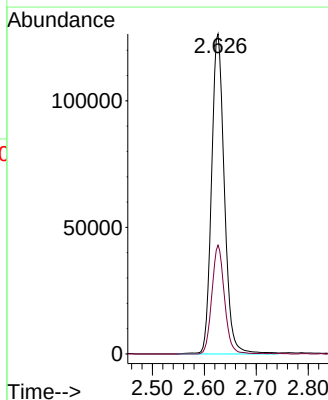
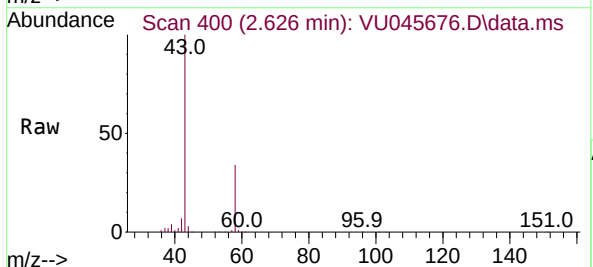
Manual Integrations
APPROVED

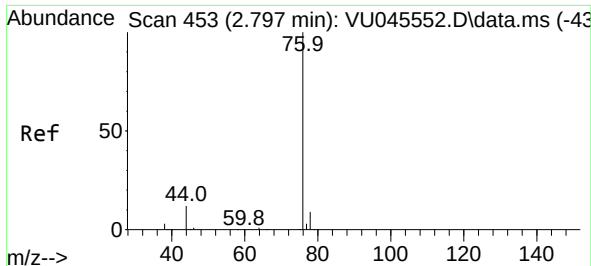
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#16
Acetone
Concen: 229.798 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

Tgt Ion: 43 Resp: 217110
Ion Ratio Lower Upper
43 100
58 34.0 26.2 39.2





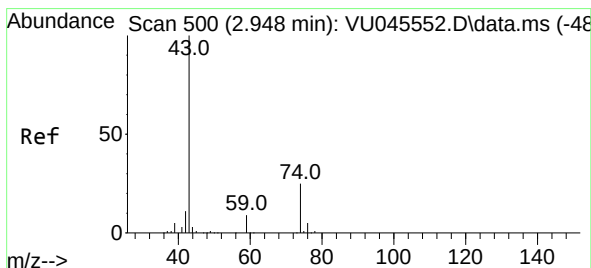
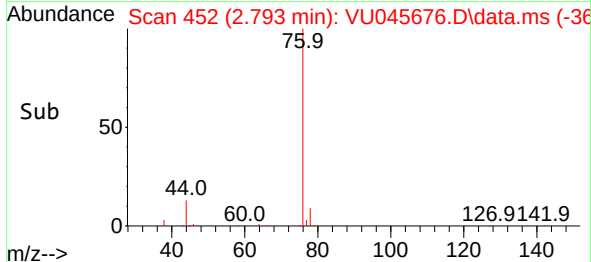
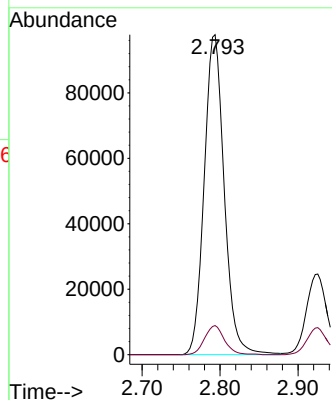
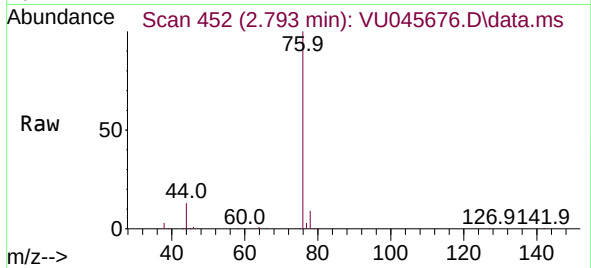
#17
Carbon Disulfide
Concen: 45.649 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 174334
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

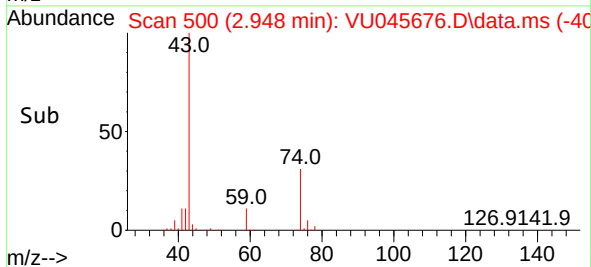
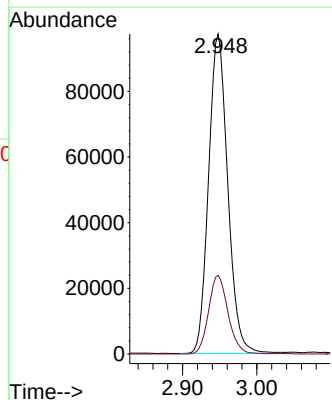
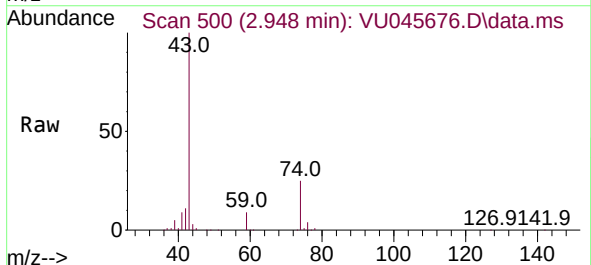
Manual Integrations
APPROVED

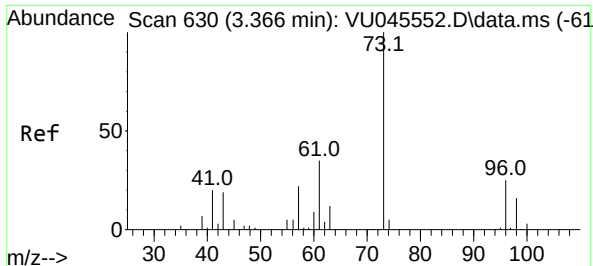
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#18
Methyl Acetate
Concen: 54.188 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

Tgt Ion: 43 Resp: 174373
Ion Ratio Lower Upper
43 100
74 24.9 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 52.768 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 25897

Ion Ratio Lower Upper

73 100

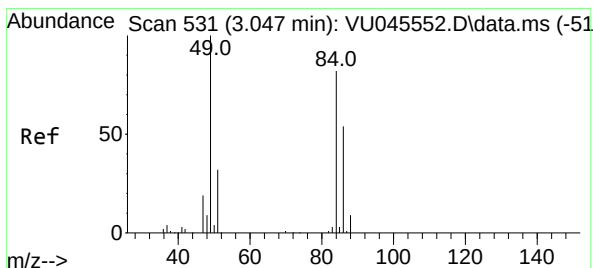
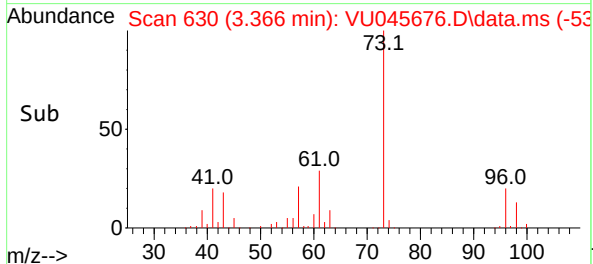
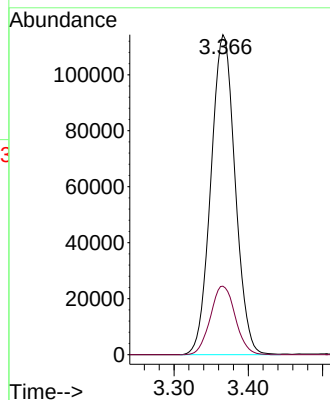
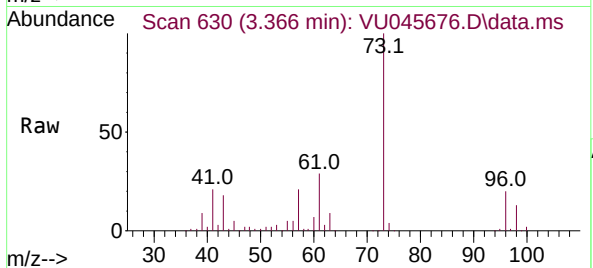
57 21.4 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#20

Methylene Chloride

Concen: 50.356 ug/l

RT: 3.047 min Scan# 531

Delta R.T. 0.000 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

Tgt Ion: 84 Resp: 82667

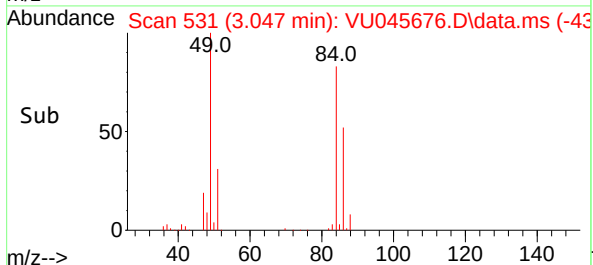
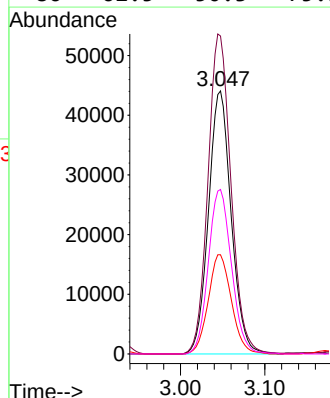
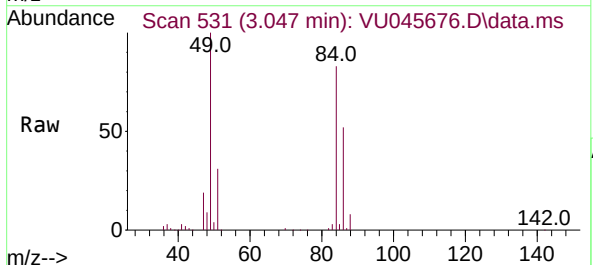
Ion Ratio Lower Upper

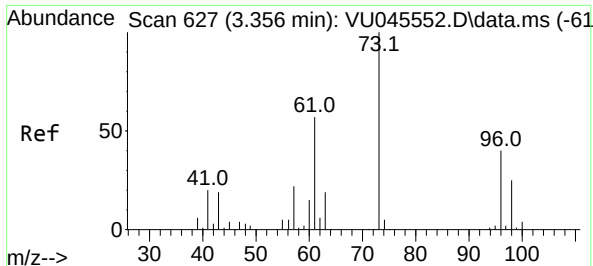
84 100

49 120.8 96.4 144.6

51 37.7 30.5 45.7

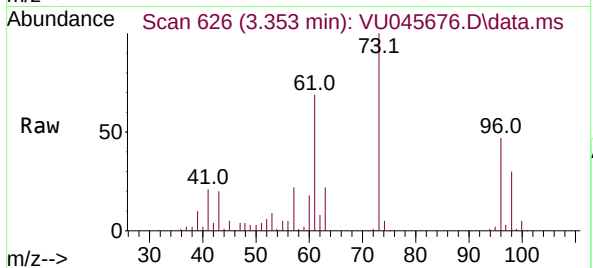
86 62.5 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 51.599 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

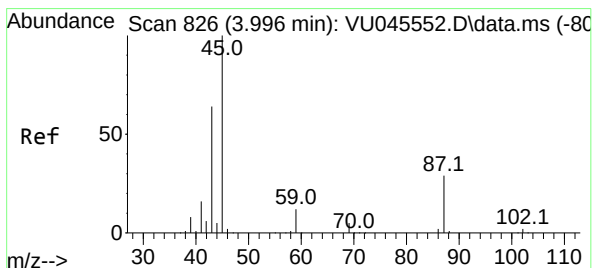
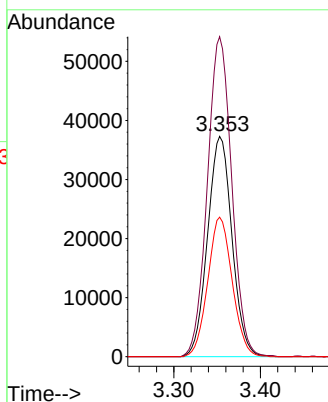
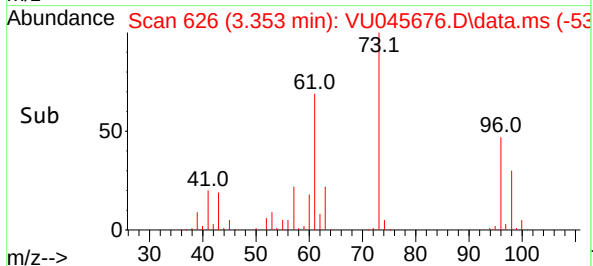
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



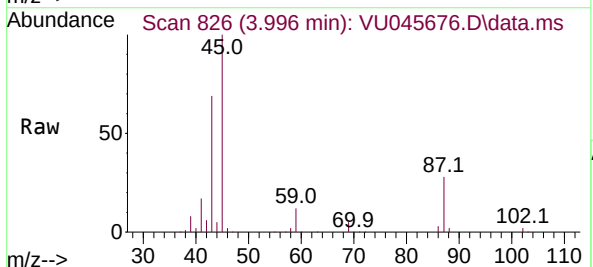
Tgt Ion: 96 Resp: 7319
Ion Ratio Lower Upper
96 100
61 145.2 118.2 177.4
98 63.3 52.1 78.1

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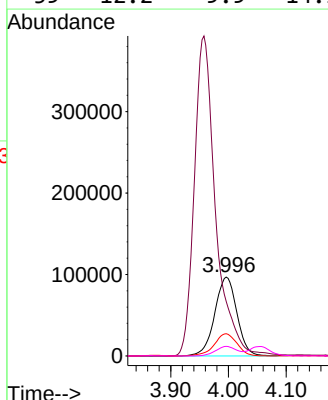
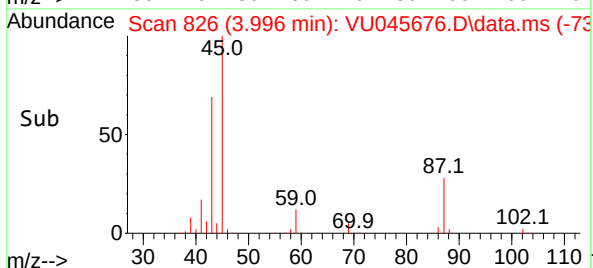
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

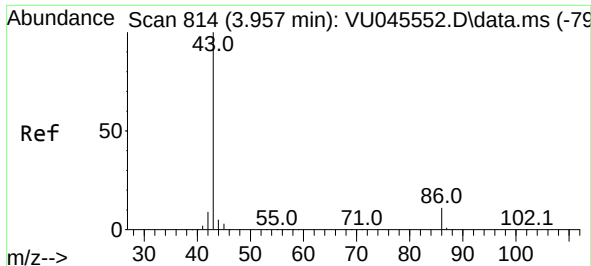


#22
Diisopropyl ether
Concen: 54.180 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28



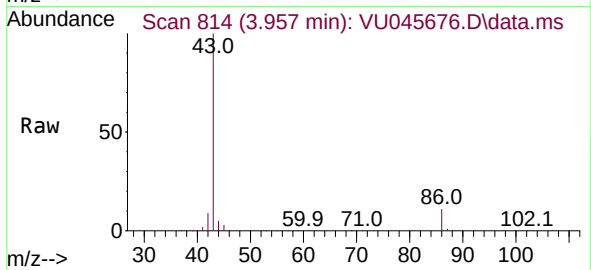
Tgt Ion: 45 Resp: 258994
Ion Ratio Lower Upper
45 100
43 67.3 60.0 90.0
87 28.1 22.3 33.5
59 12.2 9.9 14.9





#23
 Vinyl Acetate
 Concen: 273.989 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045676.D
 Acq: 09 Nov 2021 22:28

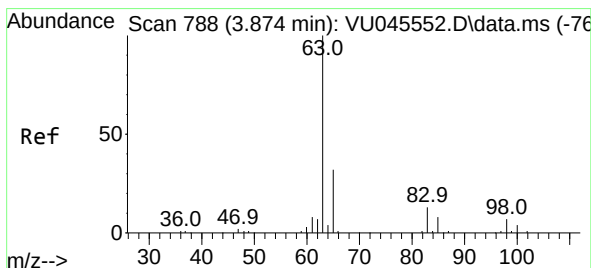
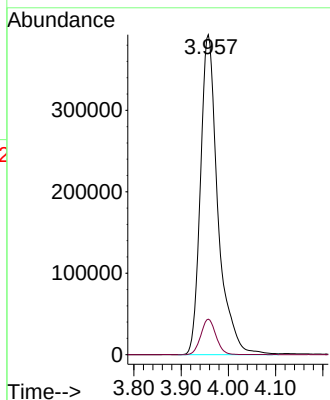
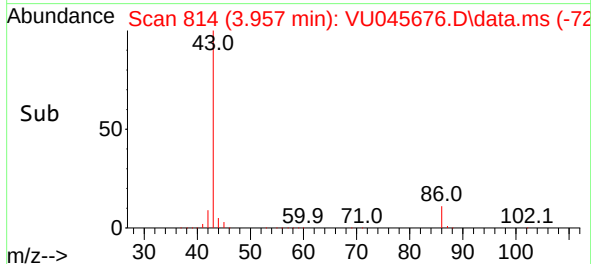
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



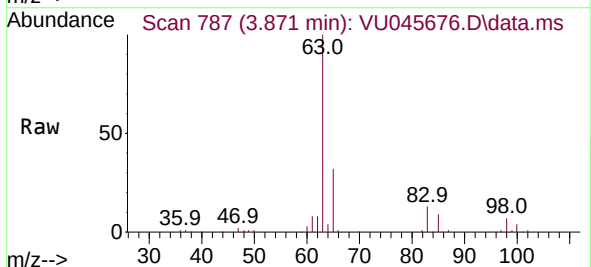
Tgt Ion: 43 Resp: 1007324
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3

Manual Integrations
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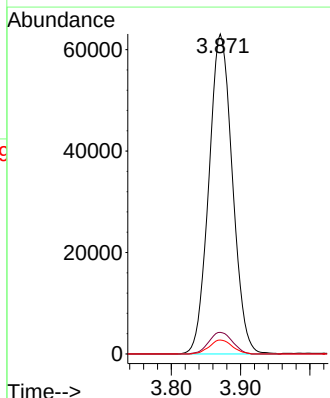
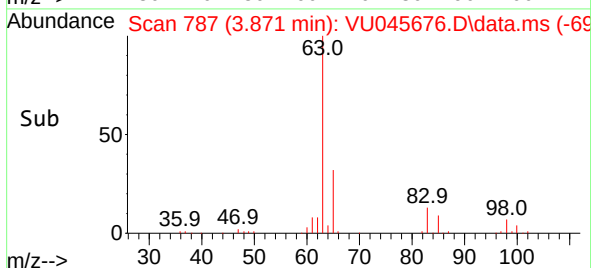
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

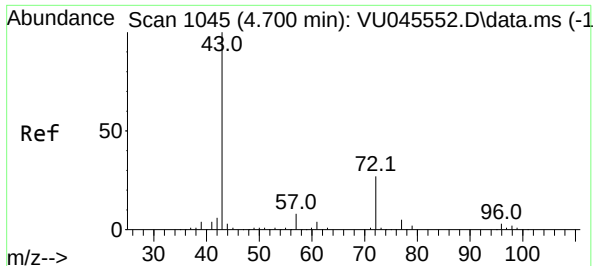


#24
 1,1-Dichloroethane
 Concen: 52.434 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045676.D
 Acq: 09 Nov 2021 22:28



Tgt Ion: 63 Resp: 149361
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 273.778 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 35875

Ion Ratio Lower Upper

43 100

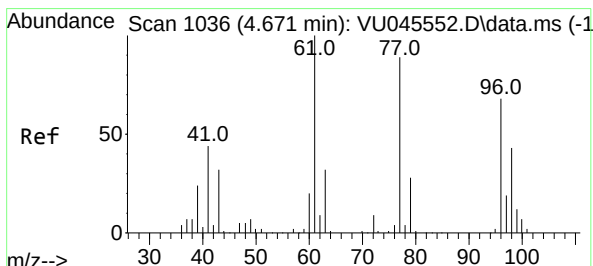
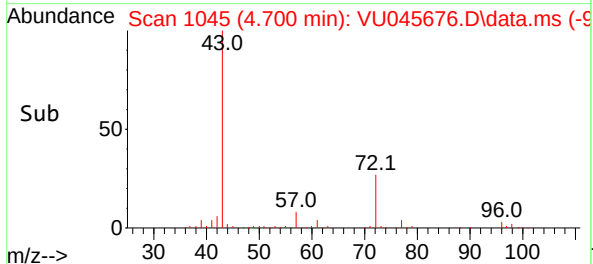
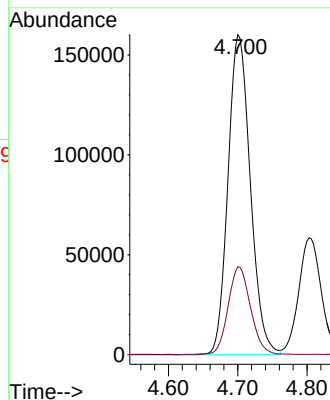
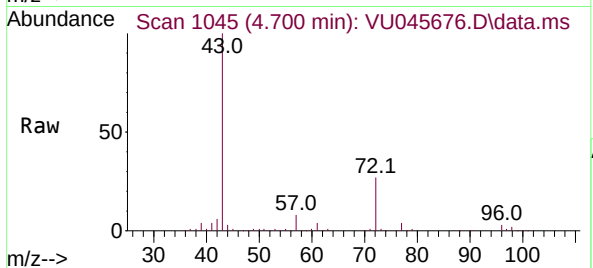
72 27.5 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#26

2,2-Dichloropropane

Concen: 44.666 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045676.D

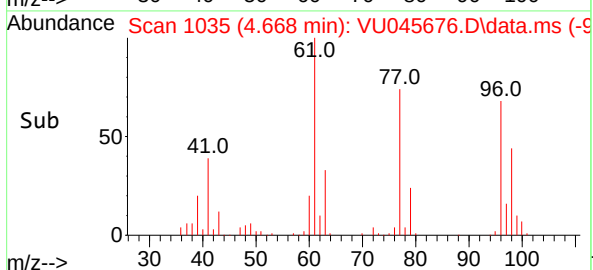
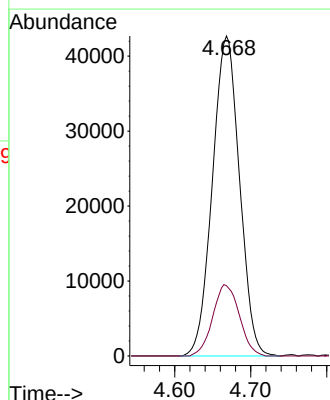
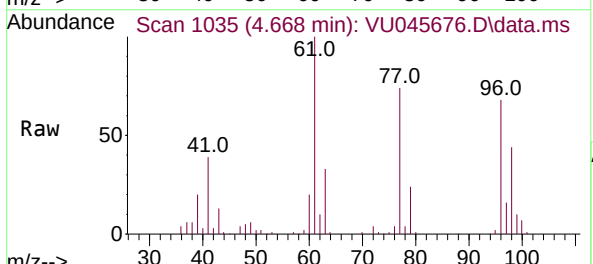
Acq: 09 Nov 2021 22:28

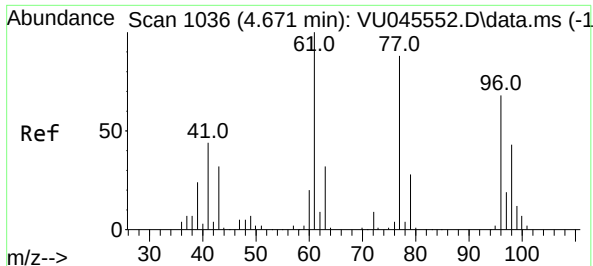
Tgt Ion: 77 Resp: 105433

Ion Ratio Lower Upper

77 100

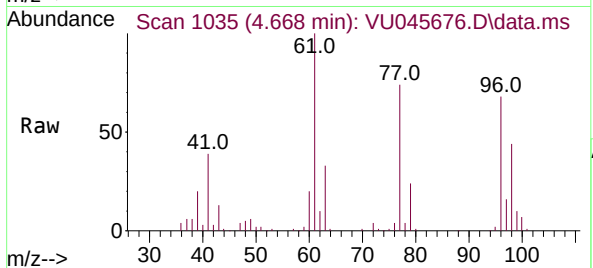
97 21.9 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 52.956 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045676.D
 Acq: 09 Nov 2021 22:28

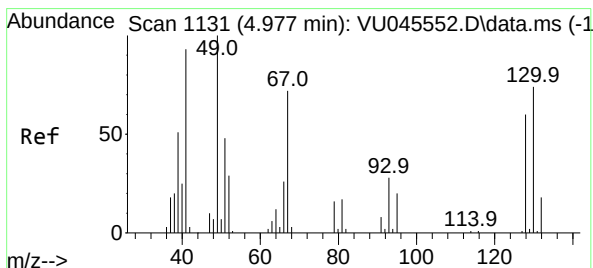
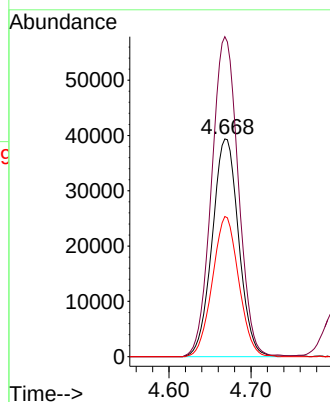
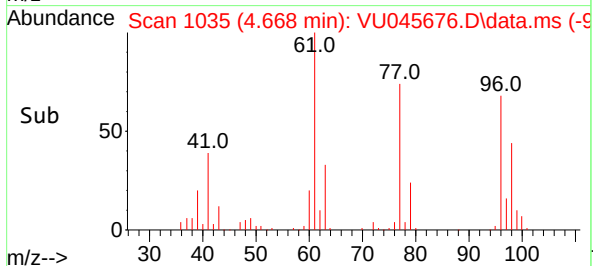
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 88225
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 299.2
 98 63.9 0.0 127.6

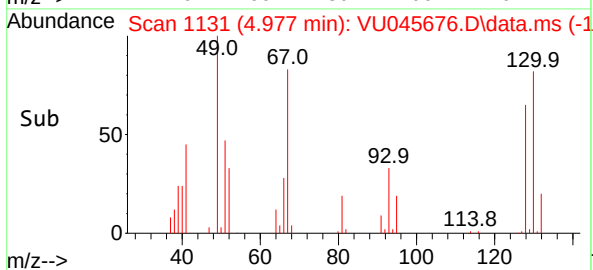
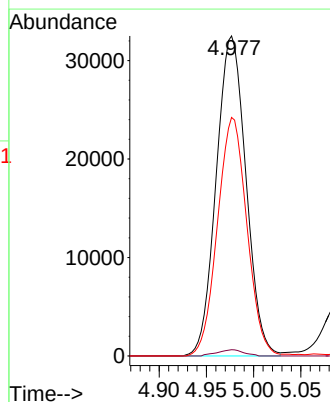
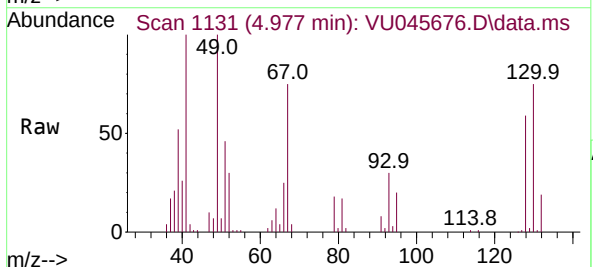
Manual Integrations
 APPROVED

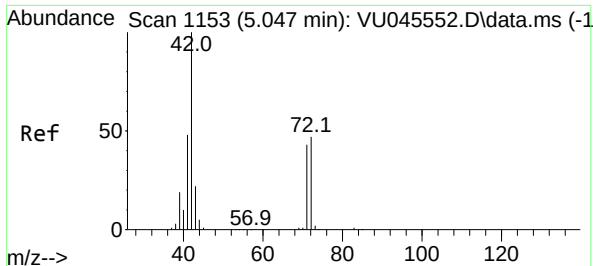
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#28
 Bromochloromethane
 Concen: 52.369 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU045676.D
 Acq: 09 Nov 2021 22:28

Tgt Ion: 49 Resp: 71119
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 73.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 282.237 ug/l

RT: 5.051 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

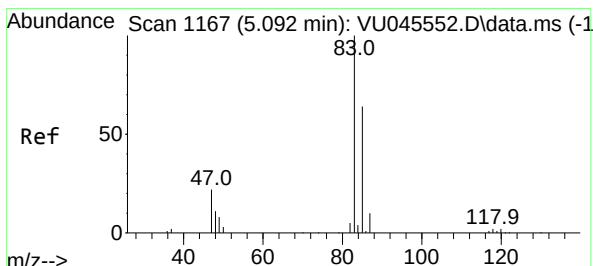
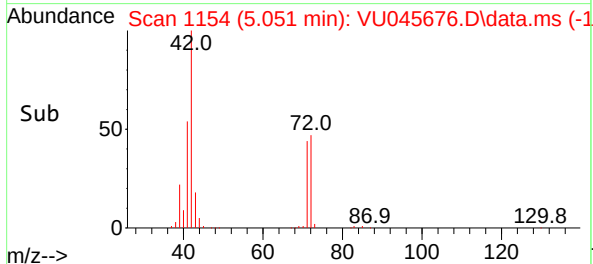
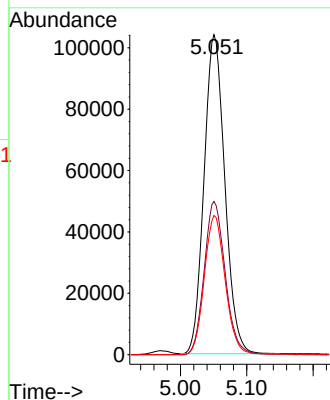
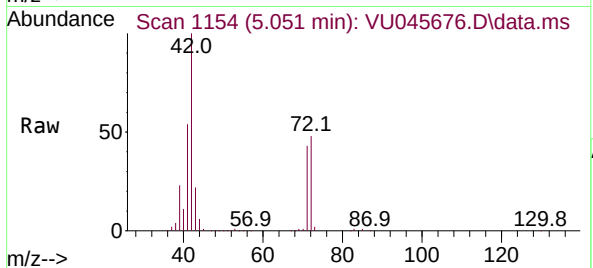
Tgt Ion:	42	Resp:	22622
Ion Ratio	Lower	Upper	
42	100		
72	48.6	38.2	57.4
71	43.9	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#30

Chloroform

Concen: 52.780 ug/l

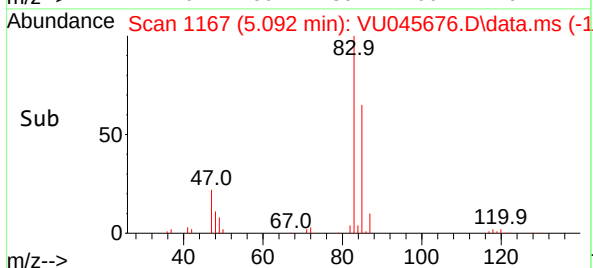
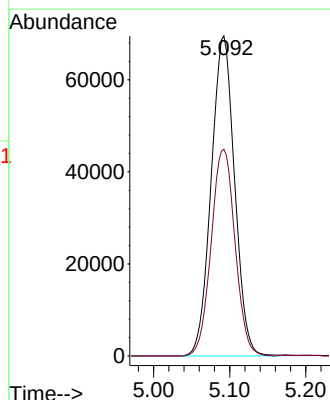
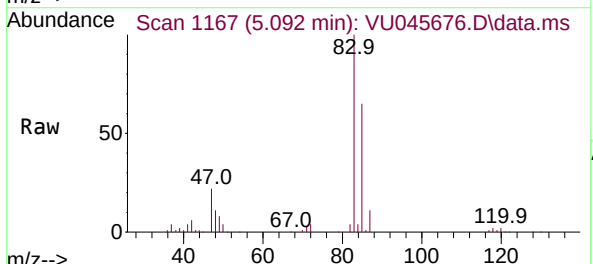
RT: 5.092 min Scan# 1167

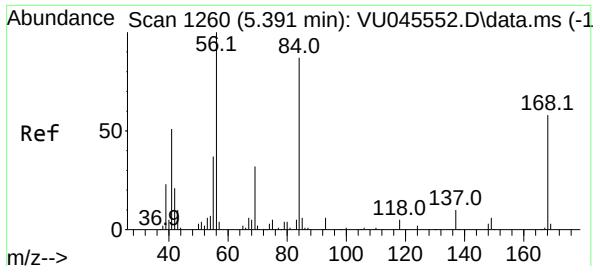
Delta R.T. 0.000 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

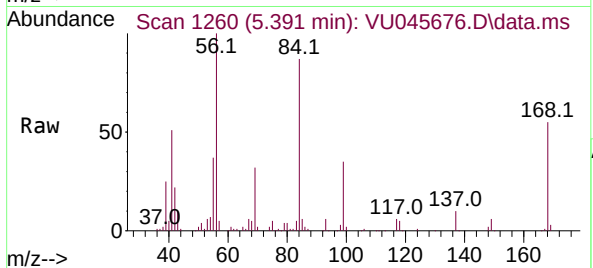
Tgt Ion:	83	Resp:	148692
Ion Ratio	Lower	Upper	
83	100		
85	64.6	52.0	78.0





#31
Cyclohexane
Concen: 48.035 ug/l
RT: 5.391 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

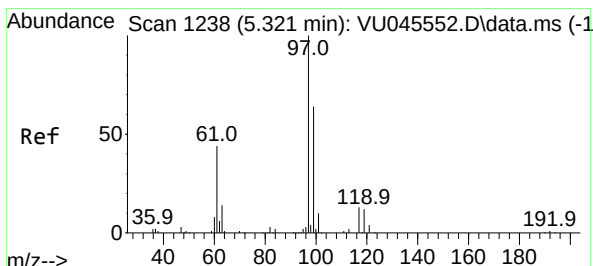
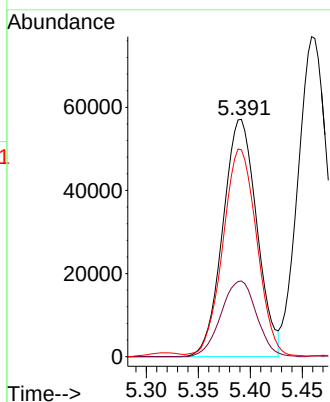
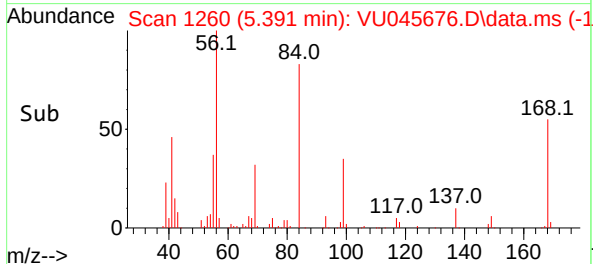
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



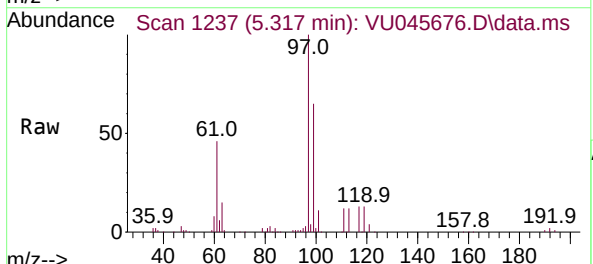
Tgt Ion: 56 Resp: 13008
Ion Ratio Lower Upper
56 100
69 31.9 26.4 39.6
84 86.0 68.4 102.6

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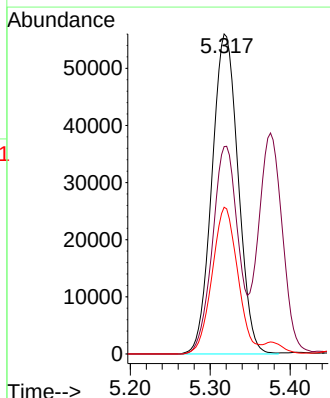
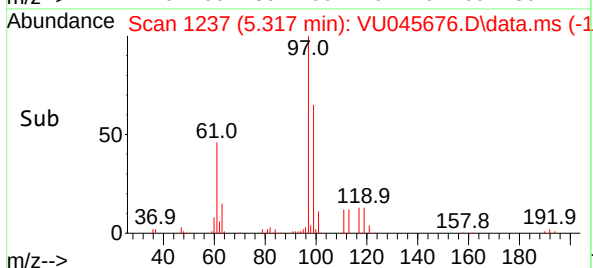
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

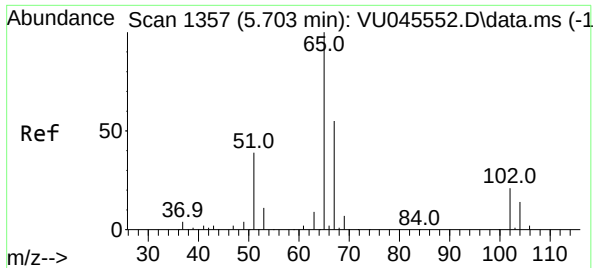


#32
1,1,1-Trichloroethane
Concen: 53.088 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28



Tgt Ion: 97 Resp: 127540
Ion Ratio Lower Upper
97 100
99 63.0 50.8 76.2
61 45.0 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 52.735 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 97875

Ion Ratio Lower Upper

65 100

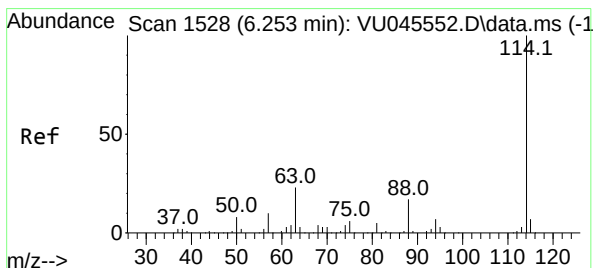
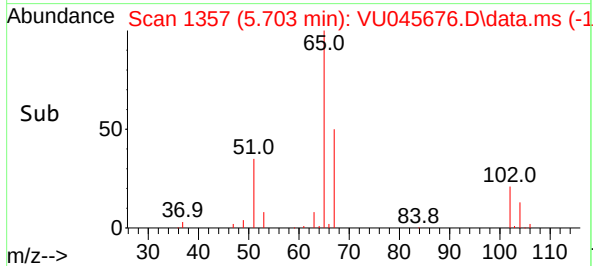
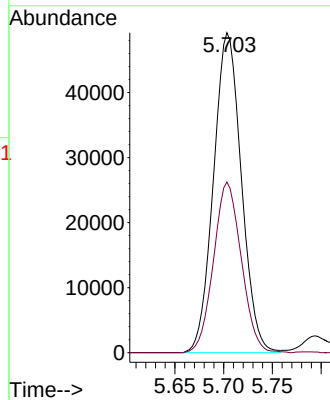
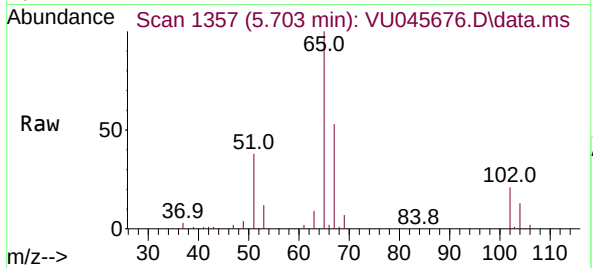
67 53.1 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

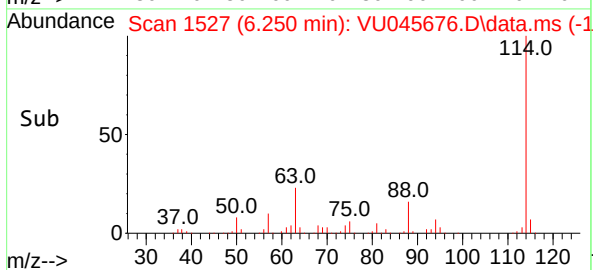
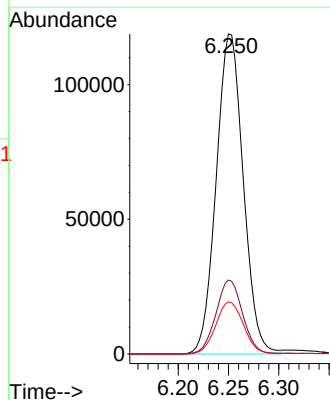
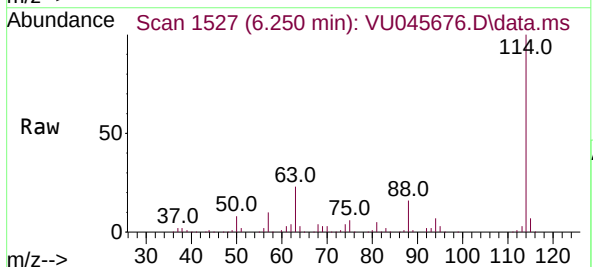
Tgt Ion:114 Resp: 222213

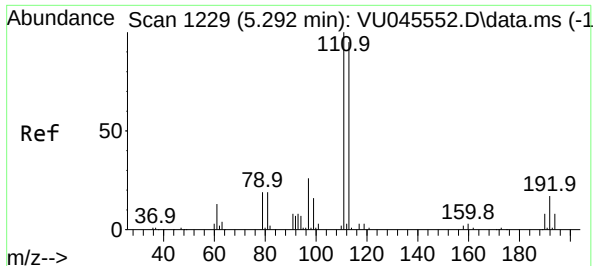
Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.6

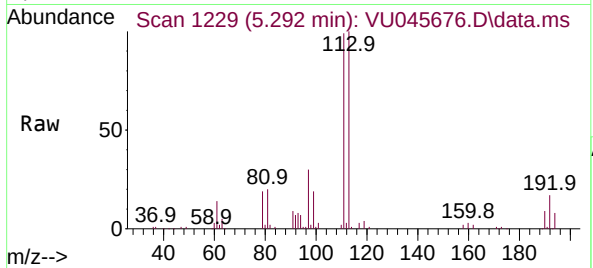
88 16.3 0.0 33.8





#35
Dibromofluoromethane
Concen: 51.520 ug/l
RT: 5.292 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

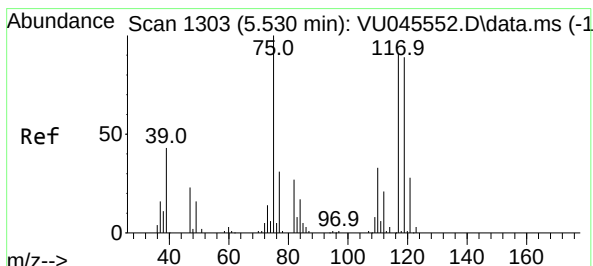
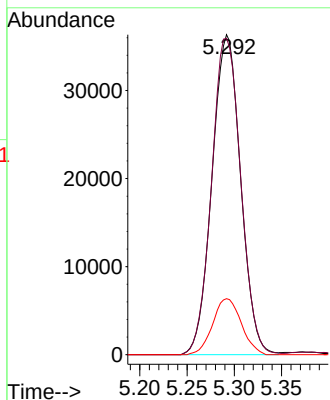
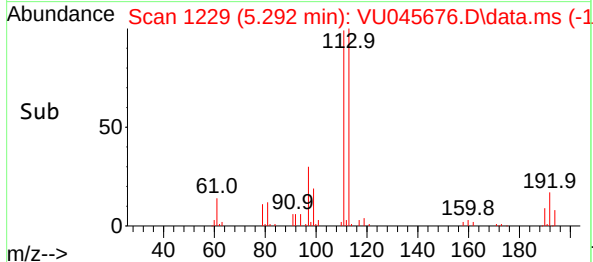
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 76435
Ion Ratio Lower Upper
113 100
111 100.9 82.8 124.2
192 17.5 14.8 22.2

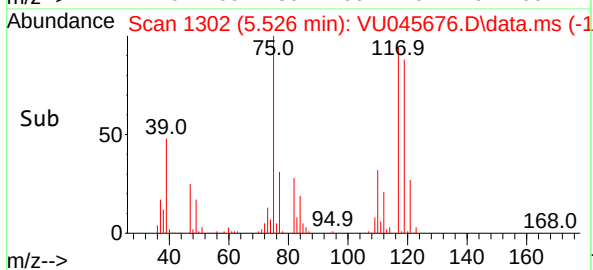
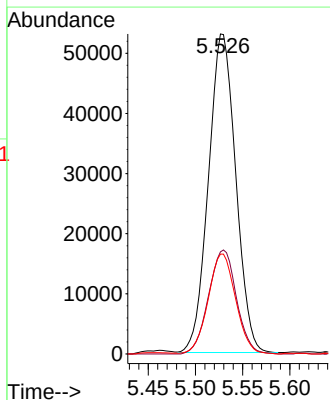
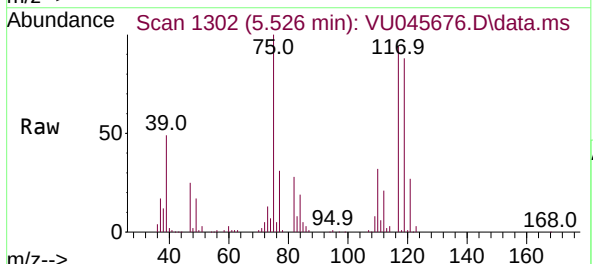
Manual Integrations
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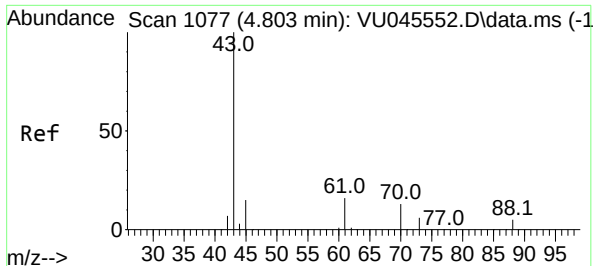
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#36
1,1-Dichloropropene
Concen: 49.154 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

Tgt Ion: 75 Resp: 106503
Ion Ratio Lower Upper
75 100
110 33.4 16.7 50.0
77 31.7 25.0 37.4





#37

Ethyl Acetate

Concen: 53.600 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

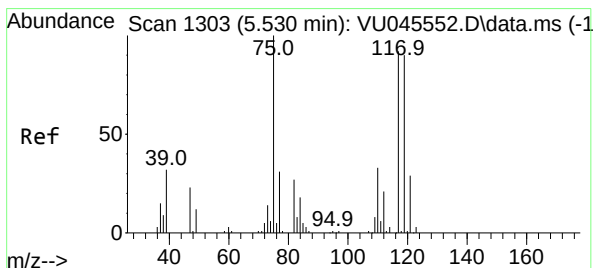
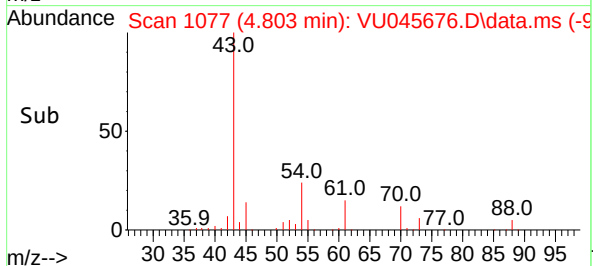
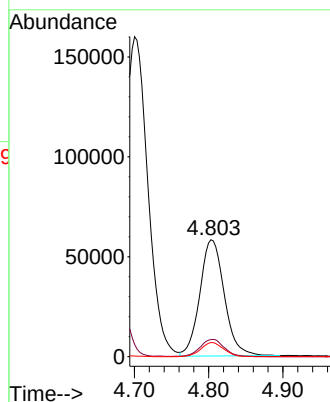
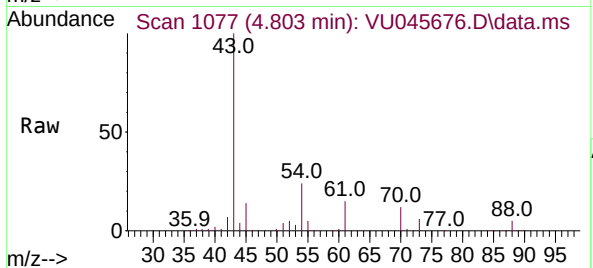
Tgt Ion:	43	Resp:	133409
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.6	17.4
70	11.4	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#38

Carbon Tetrachloride

Concen: 49.605 ug/l

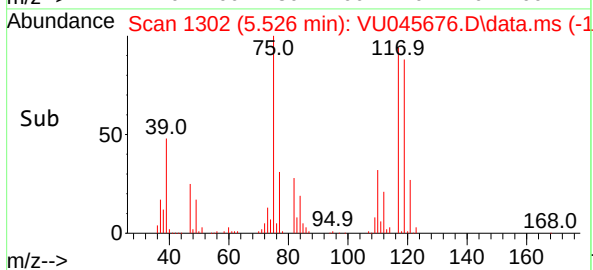
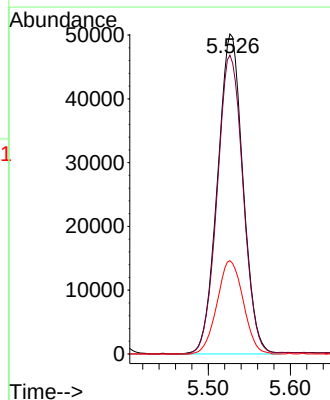
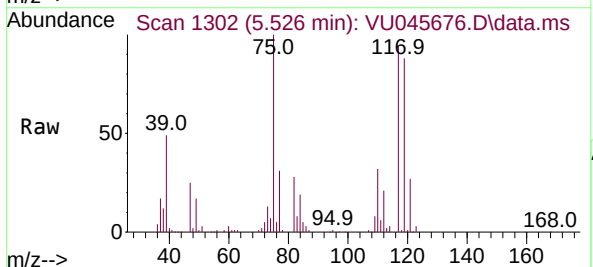
RT: 5.526 min Scan# 1302

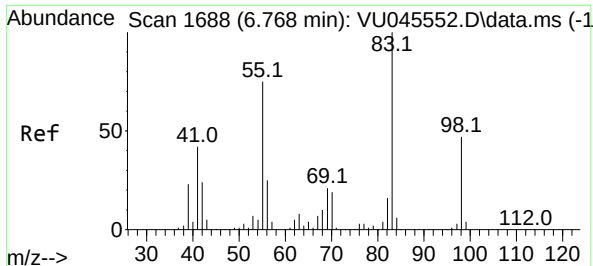
Delta R.T. -0.003 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

Tgt Ion:	117	Resp:	108359
Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.4	116.0
121	29.2	24.8	37.2





#39

Methylcyclohexane

Concen: 47.303 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 125740

Ion Ratio Lower Upper

83 100

55 77.7 63.6 95.4

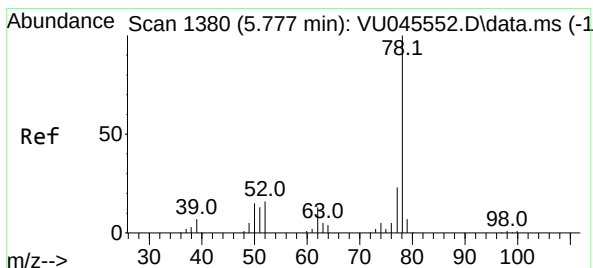
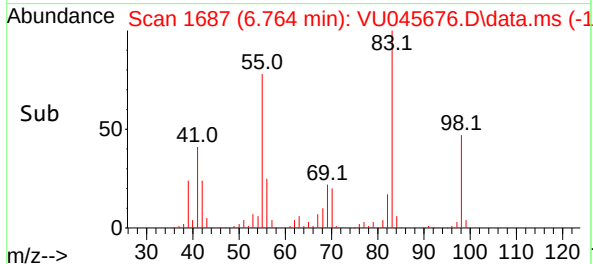
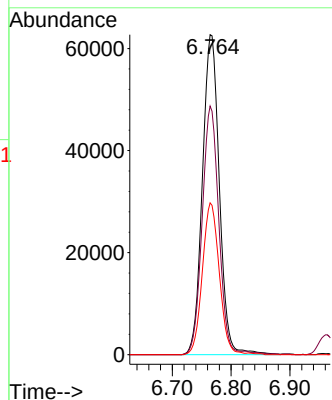
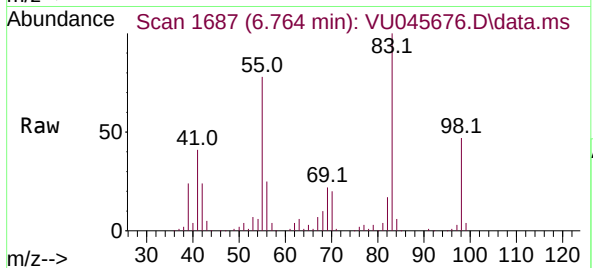
98 47.5 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#40

Benzene

Concen: 49.678 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.003 min

Lab File: VU045676.D

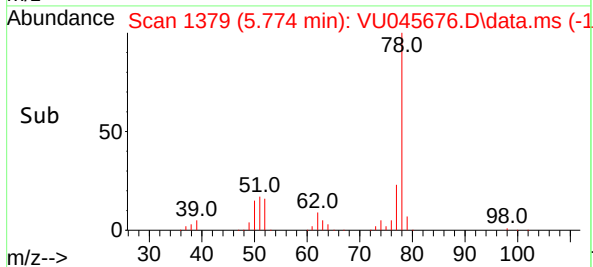
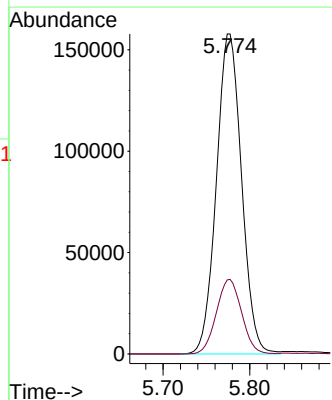
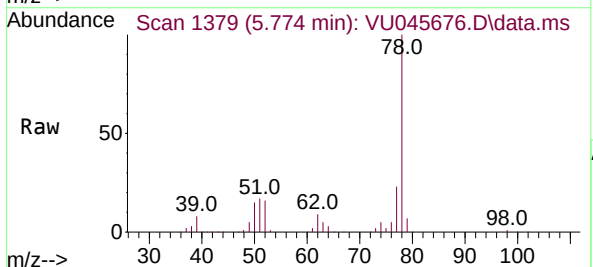
Acq: 09 Nov 2021 22:28

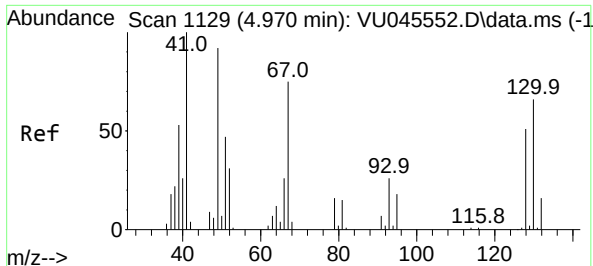
Tgt Ion: 78 Resp: 318684

Ion Ratio Lower Upper

78 100

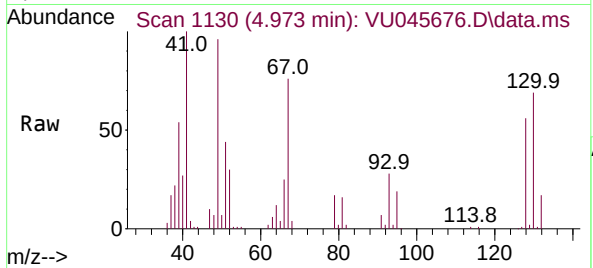
77 23.1 19.0 28.4





#41
Methacrylonitrile
Concen: 54.931 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

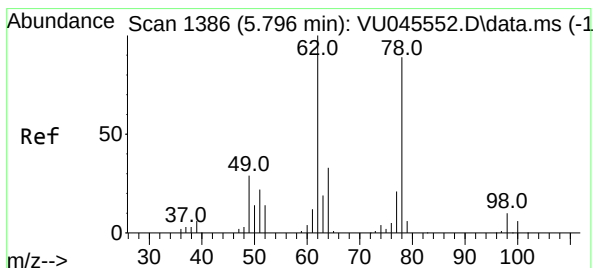
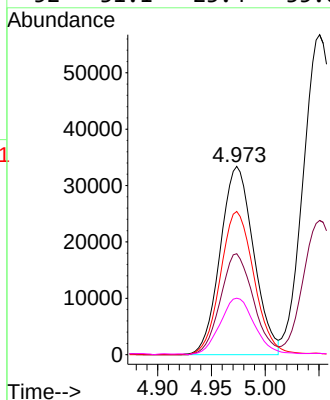
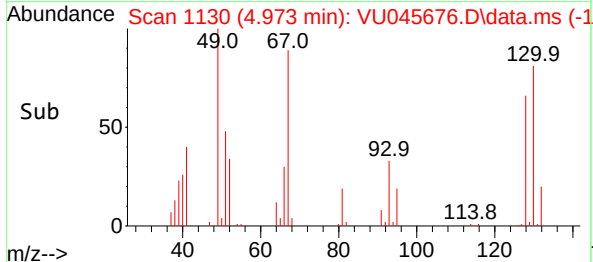
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 7225
Ion Ratio Lower Upper
41 100
39 52.6 43.4 65.0
67 76.6 61.0 91.4
52 31.1 23.4 35.0

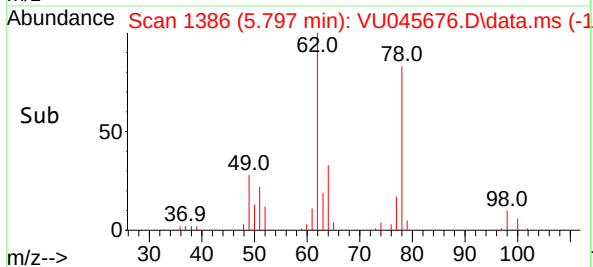
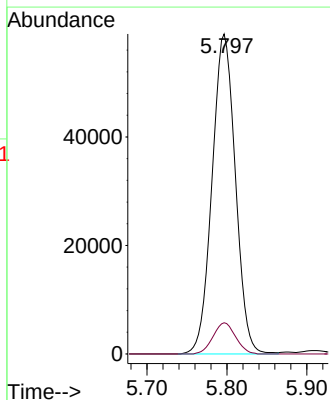
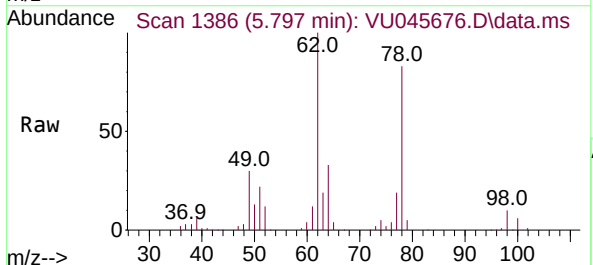
Manual Integrations
APPROVED

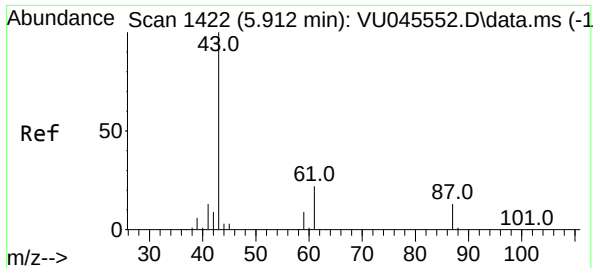
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#42
1,2-Dichloroethane
Concen: 51.513 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

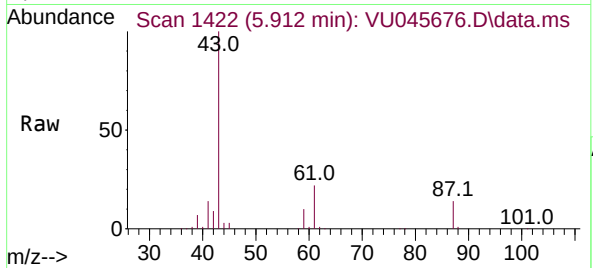
Tgt Ion: 62 Resp: 119362
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43
Isopropyl Acetate
Concen: 52.223 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

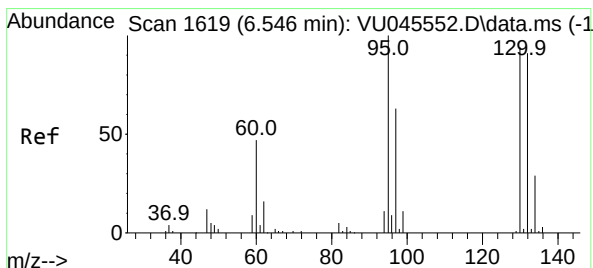
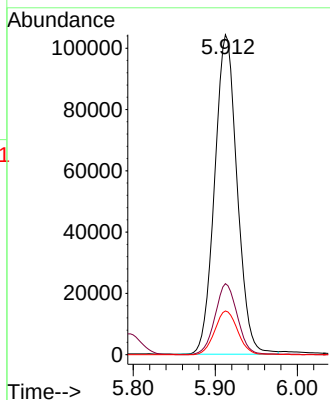
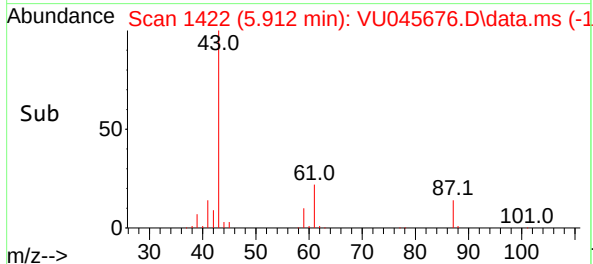
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



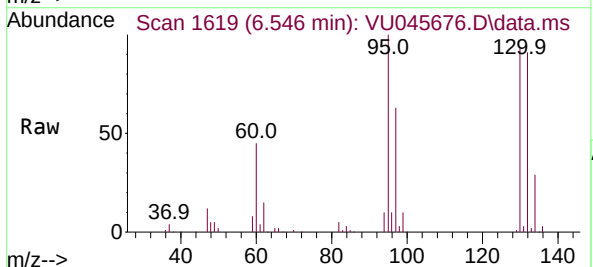
Tgt Ion: 43 Resp: 198810
Ion Ratio Lower Upper
43 100
61 22.2 16.9 25.3
87 13.9 11.0 16.4

Manual Integrations
APPROVED

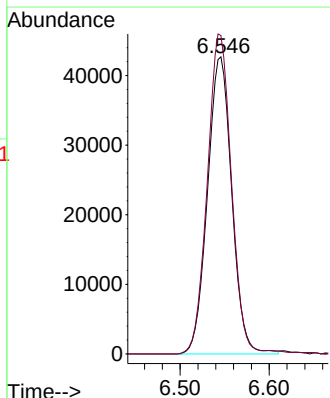
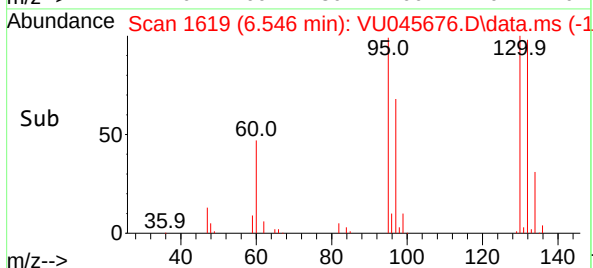
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

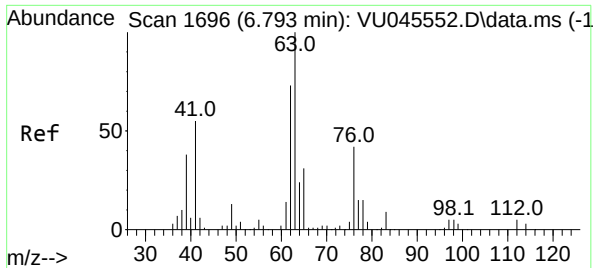


#44
Trichloroethene
Concen: 52.647 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28



Tgt Ion:130 Resp: 80842
Ion Ratio Lower Upper
130 100
95 107.2 0.0 211.4





#45

1,2-Dichloropropane

Concen: 52.173 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 88558

Ion Ratio Lower Upper

63 100

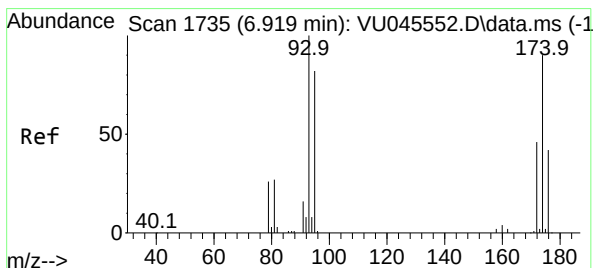
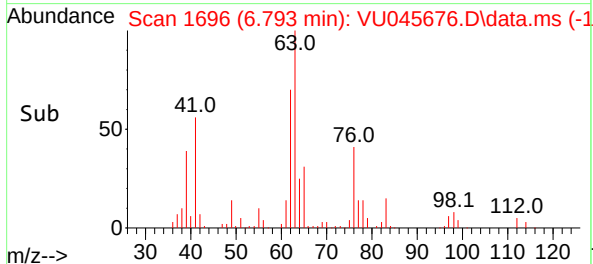
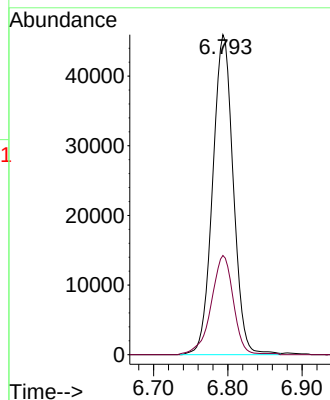
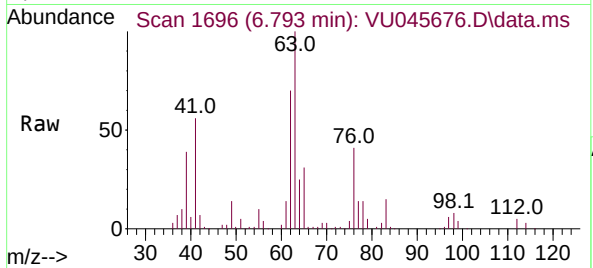
65 31.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#46

Dibromomethane

Concen: 51.035 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

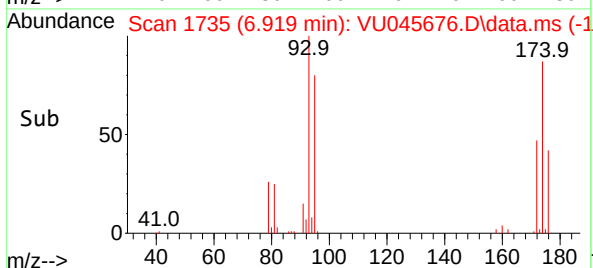
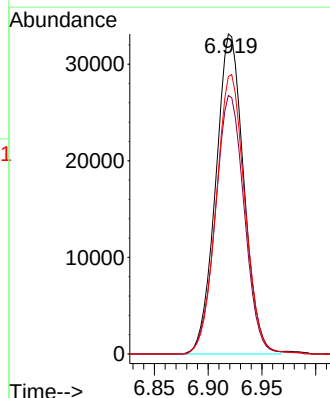
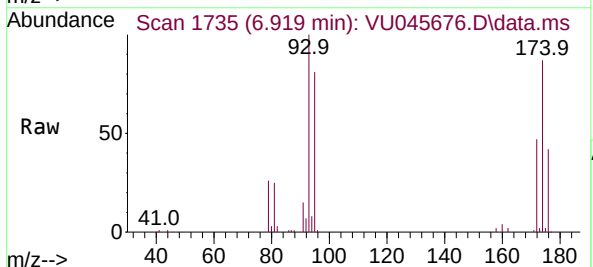
Tgt Ion: 93 Resp: 60023

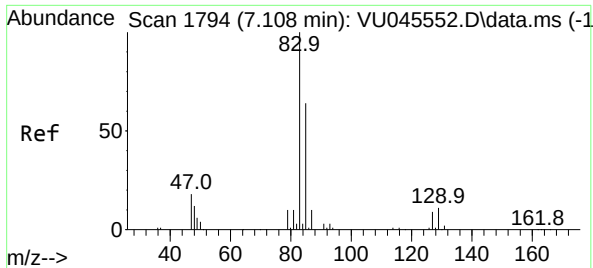
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.2

174 89.3 71.0 106.6





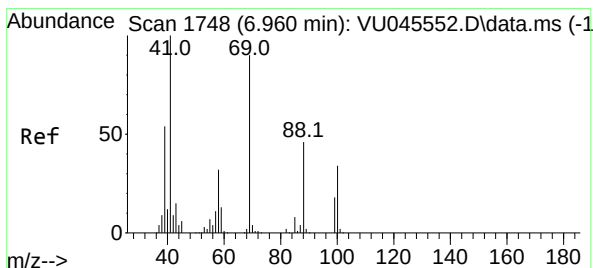
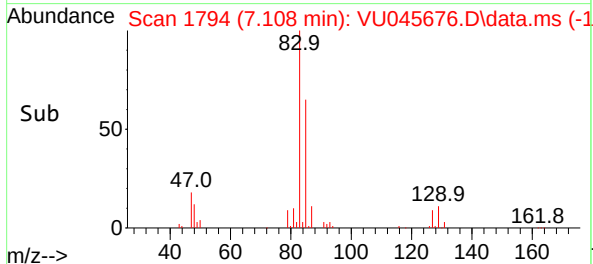
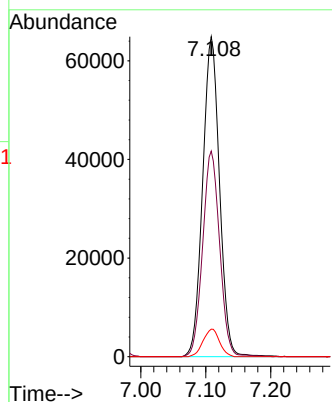
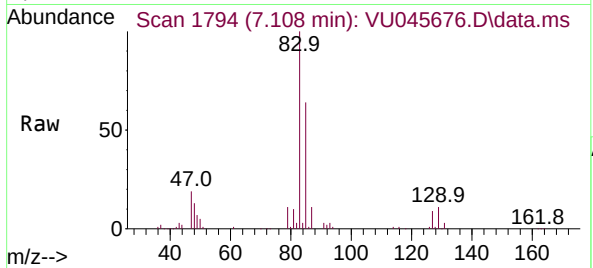
#47
Bromodichloromethane
Concen: 52.610 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 11740
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.6 6.2 9.2

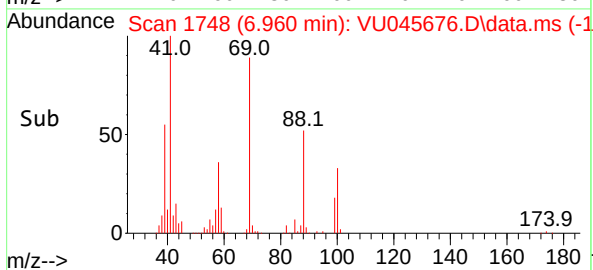
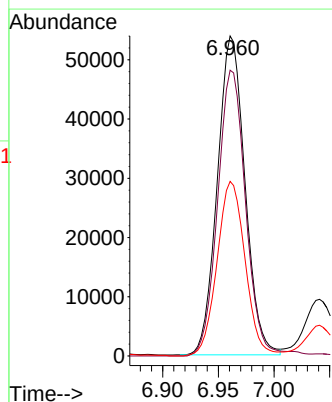
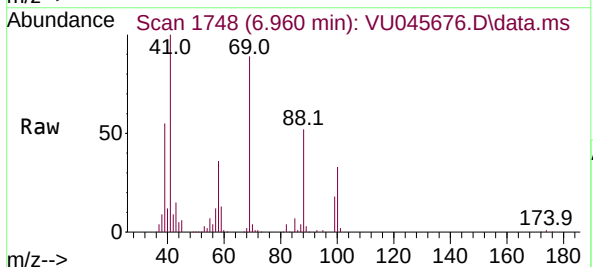
Manual Integrations
APPROVED

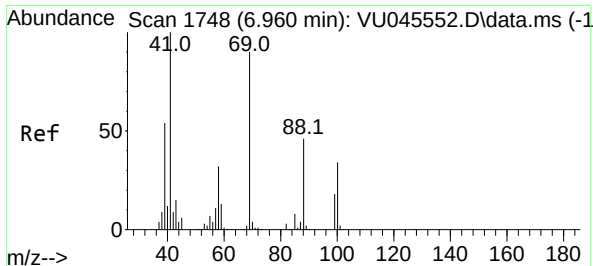
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#48
Methyl methacrylate
Concen: 53.132 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

Tgt Ion: 41 Resp: 93100
Ion Ratio Lower Upper
41 100
69 90.9 70.2 105.2
39 55.5 43.9 65.9





#49

1,4-Dioxane

Concen: 1188.153 ug/l

RT: 6.960 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 53540

Ion Ratio Lower Upper

88 100

43 29.4 0.0 0.0

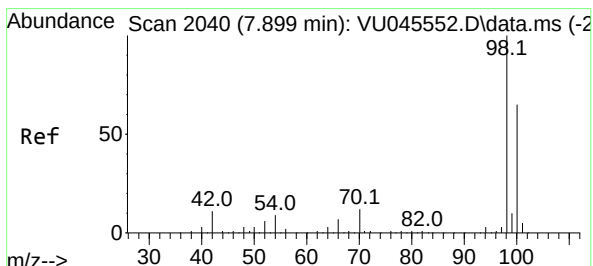
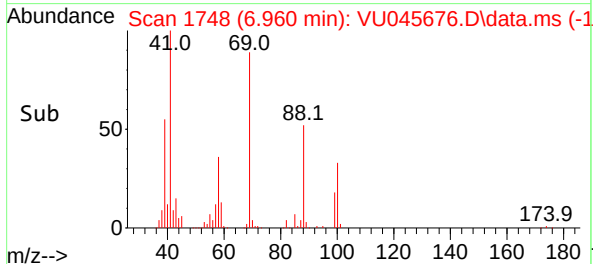
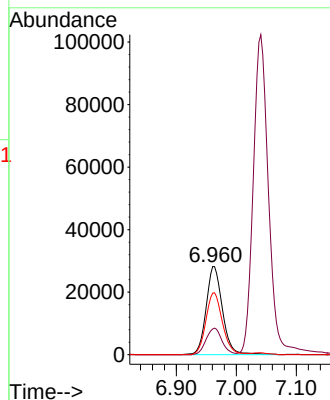
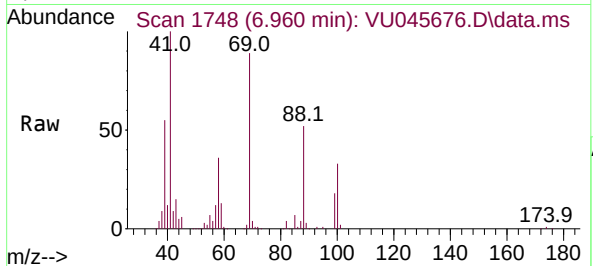
58 71.4 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#50

Toluene-d8

Concen: 51.541 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045676.D

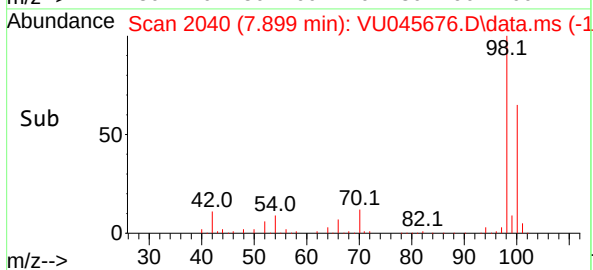
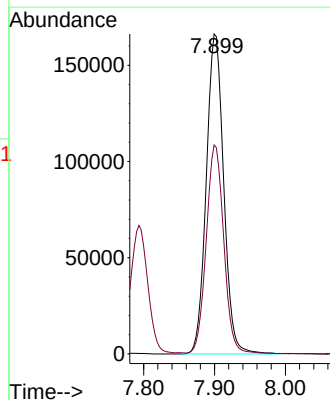
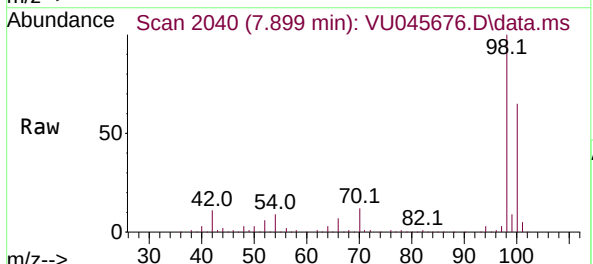
Acq: 09 Nov 2021 22:28

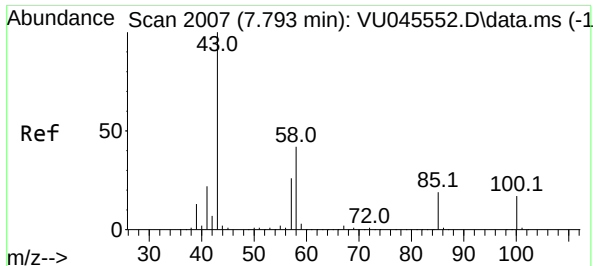
Tgt Ion: 98 Resp: 284337

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 274.752 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 689984

Ion Ratio Lower Upper

43 100

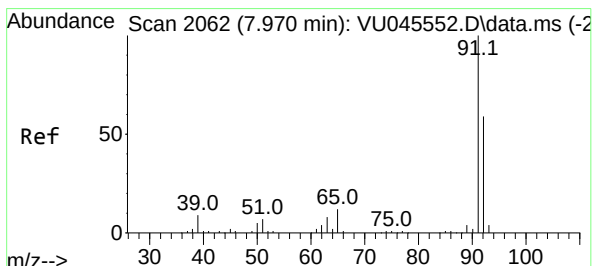
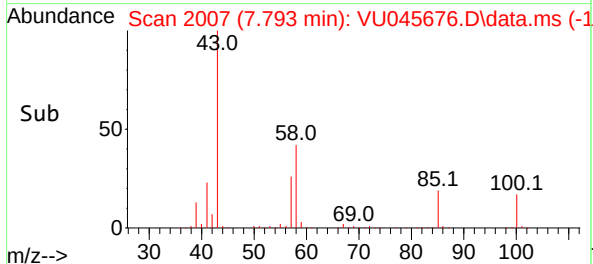
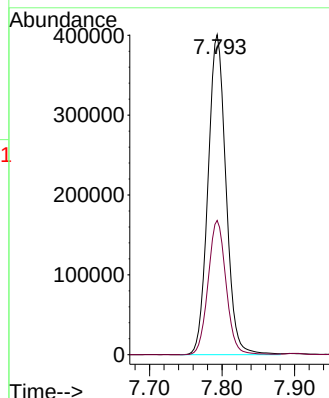
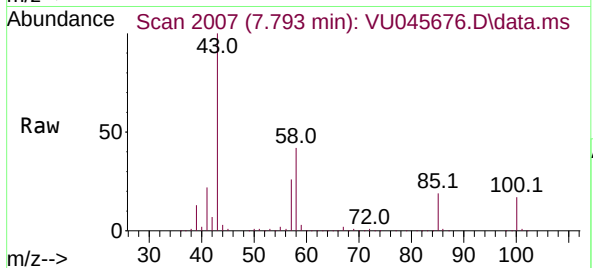
58 41.9 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#52

Toluene

Concen: 51.749 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU045676.D

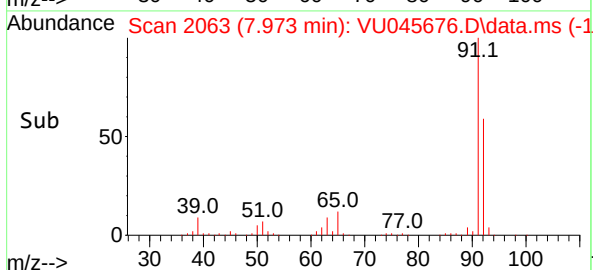
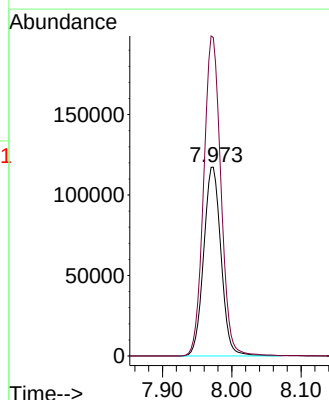
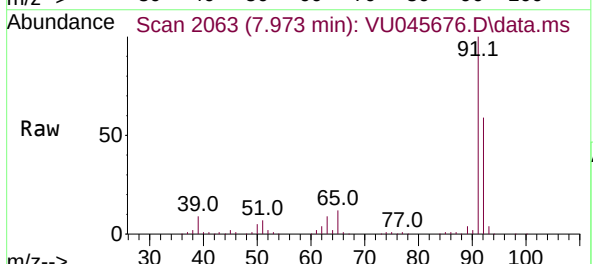
Acq: 09 Nov 2021 22:28

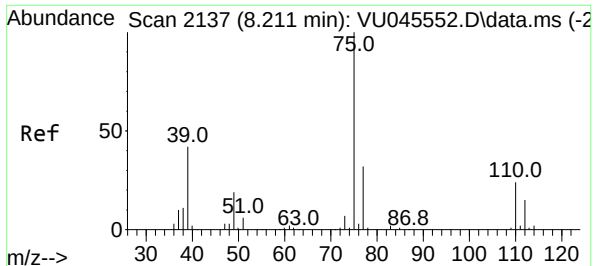
Tgt Ion: 92 Resp: 203239

Ion Ratio Lower Upper

92 100

91 168.7 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 49.274 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 12637

Ion Ratio Lower Upper

75 100

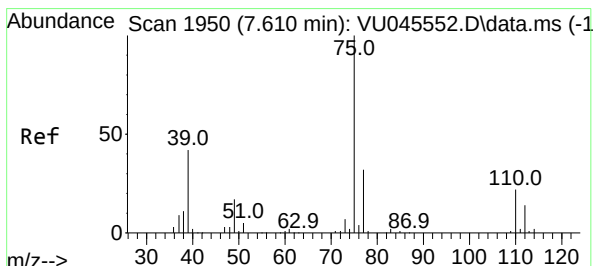
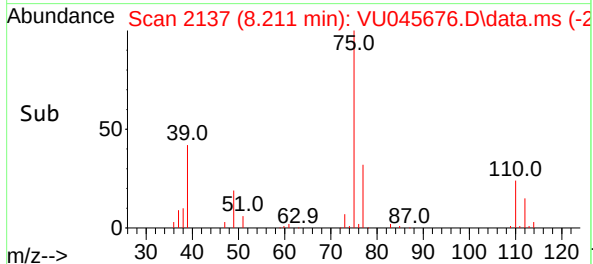
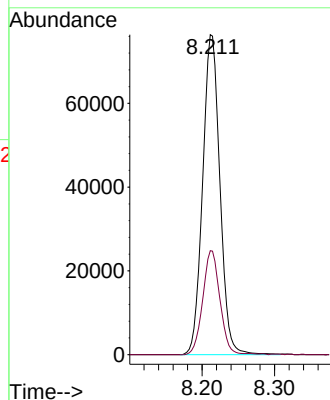
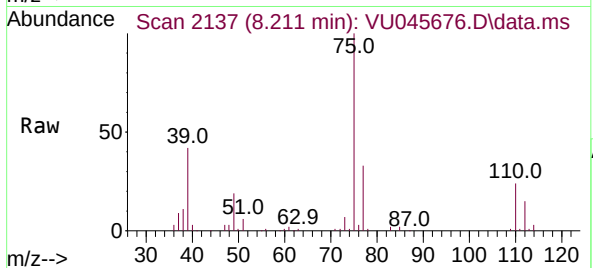
77 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#54

cis-1,3-Dichloropropene

Concen: 50.875 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

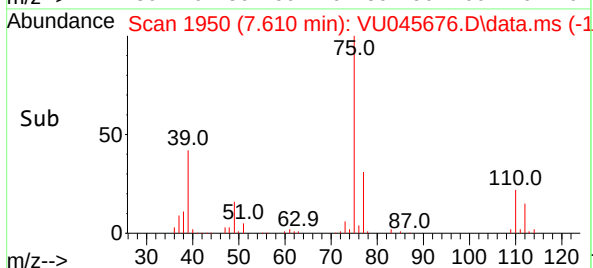
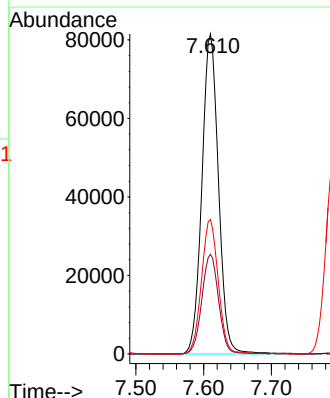
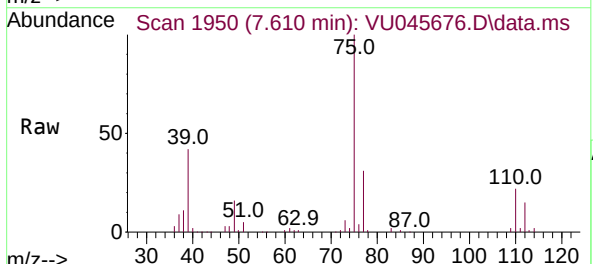
Tgt Ion: 75 Resp: 138589

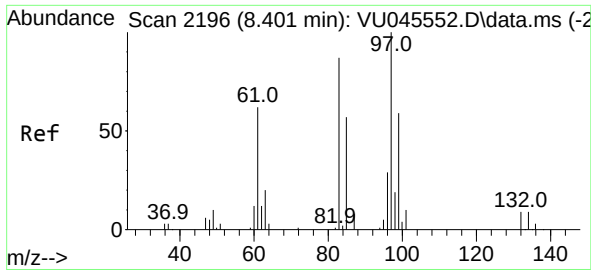
Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

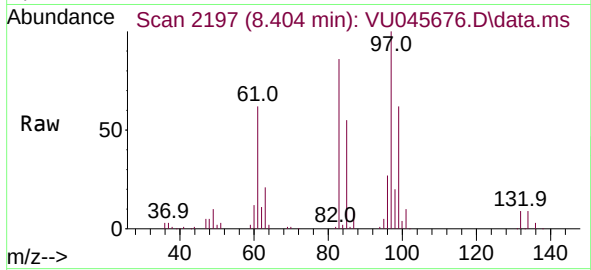
39 42.0 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 52.266 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

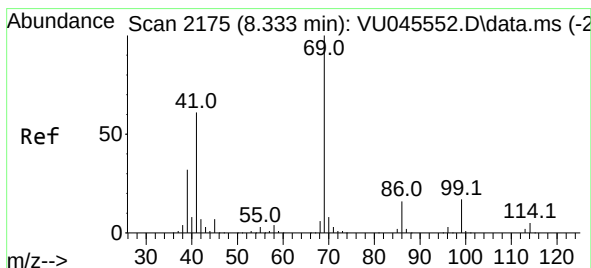
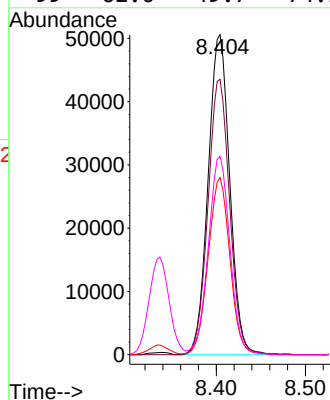
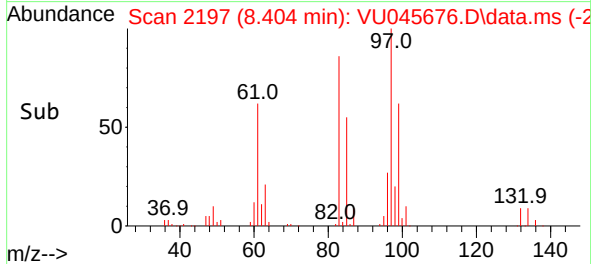
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.3	105.5
85	55.3	45.5	68.3
99	62.0	49.7	74.5

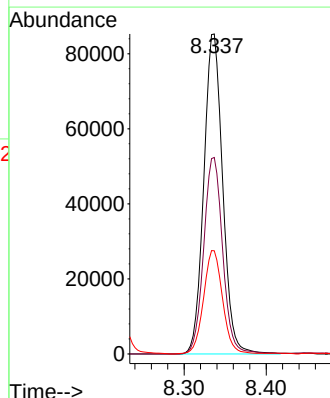
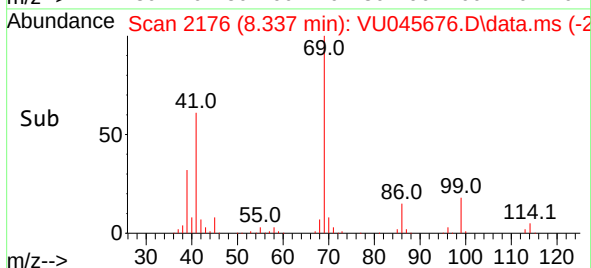
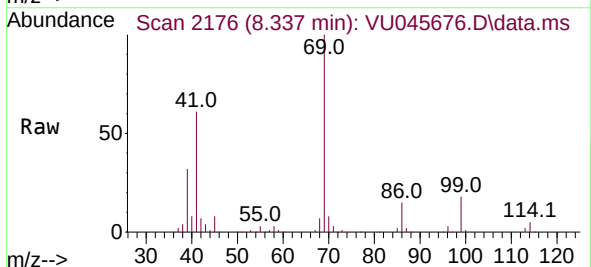
Manual Integrations
APPROVED

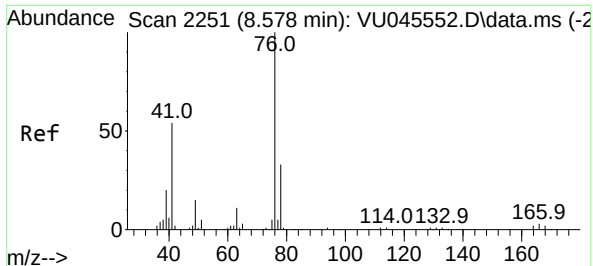
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#56
Ethyl methacrylate
Concen: 46.983 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.004 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.8	51.0	76.4
39	32.7	26.6	39.8





#57

1,3-Dichloropropane

Concen: 51.235 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 15020

Ion Ratio Lower Upper

76 100

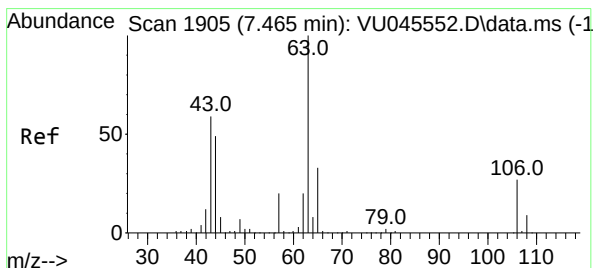
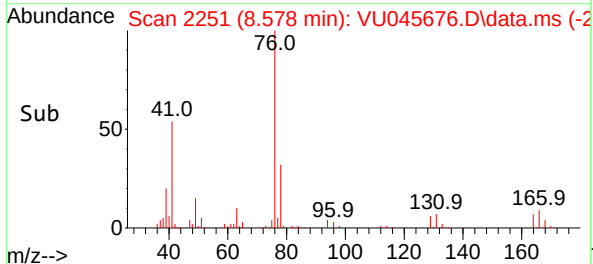
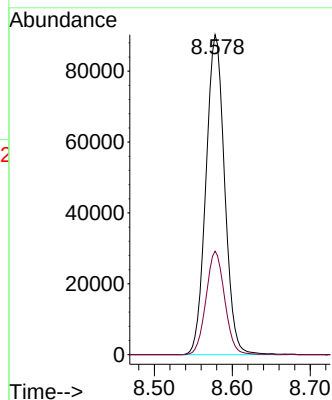
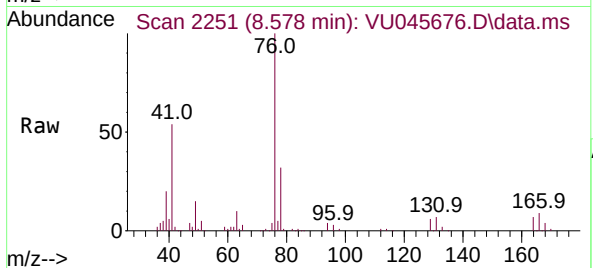
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#58

2-Chloroethyl Vinyl ether

Concen: 224.842 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045676.D

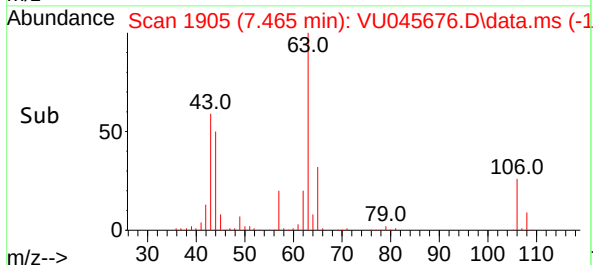
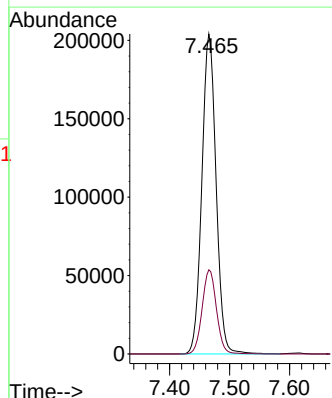
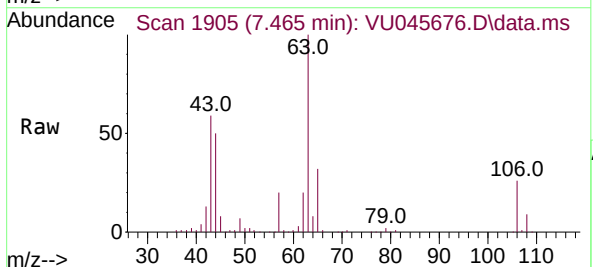
Acq: 09 Nov 2021 22:28

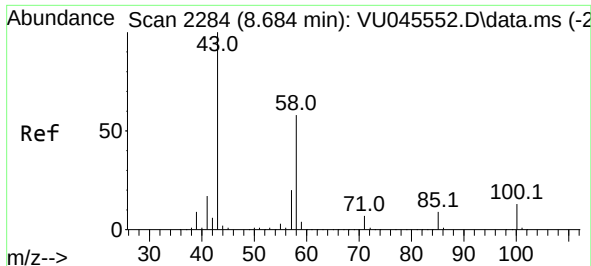
Tgt Ion: 63 Resp: 336930

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.4





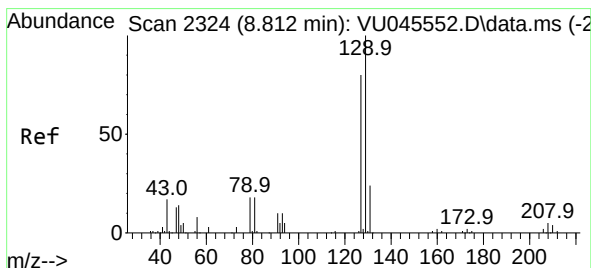
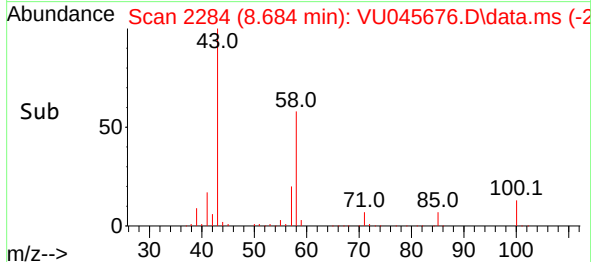
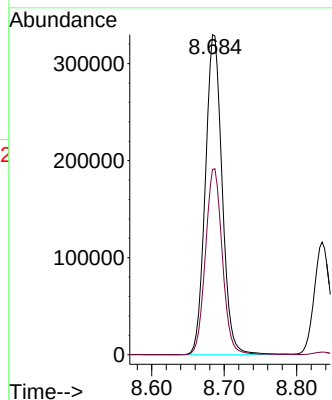
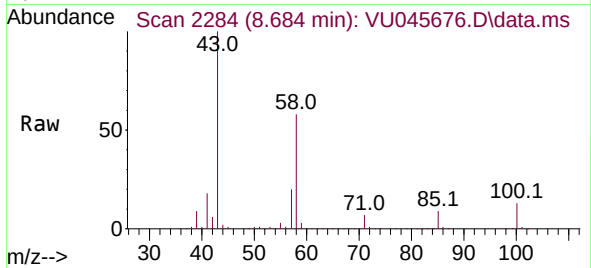
#59
2-Hexanone
Concen: 242.833 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 53014
Ion Ratio Lower Upper
43 100
58 58.6 29.5 88.6

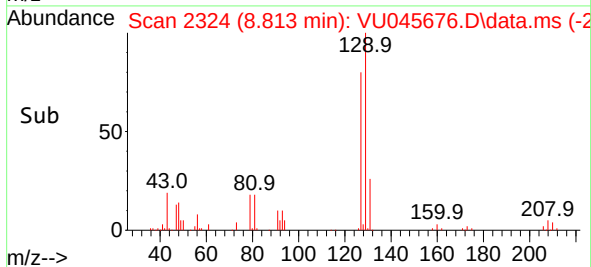
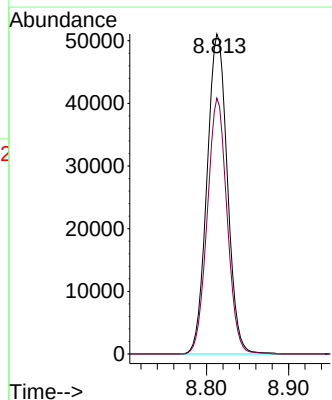
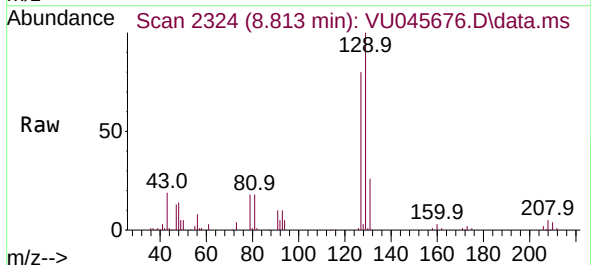
Manual Integrations
APPROVED

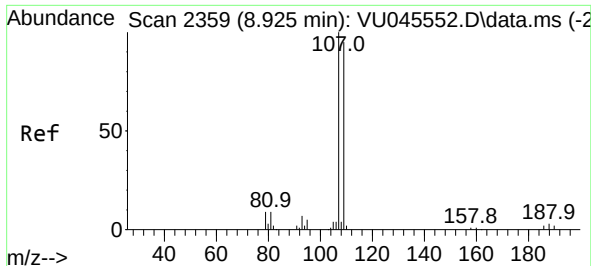
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#60
Dibromochloromethane
Concen: 52.084 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

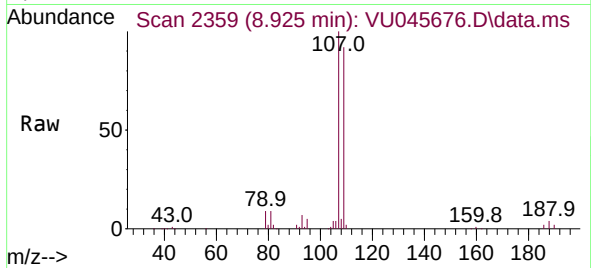
Tgt Ion:129 Resp: 88278
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





#61
1,2-Dibromoethane
Concen: 51.142 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

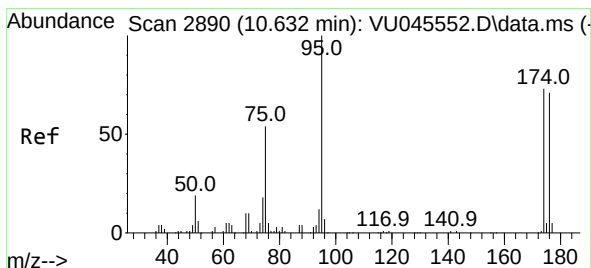
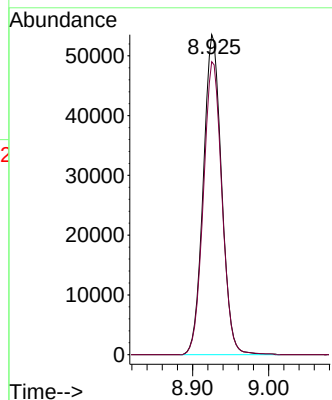
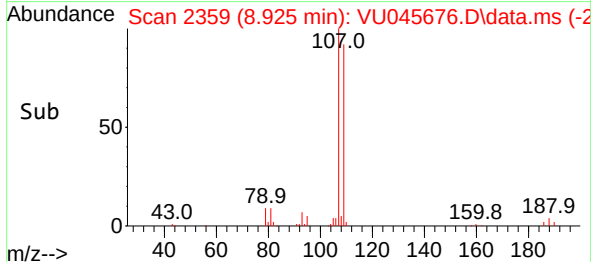
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



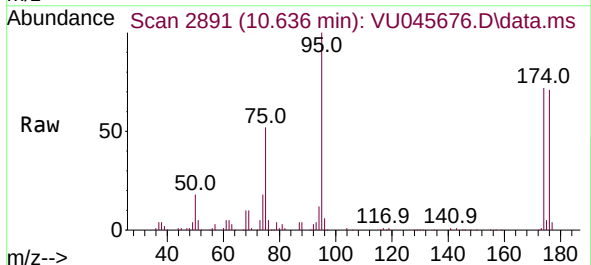
Tgt Ion:107 Resp: 89280
Ion Ratio Lower Upper
107 100
109 93.2 75.8 113.8

Manual Integrations
APPROVED

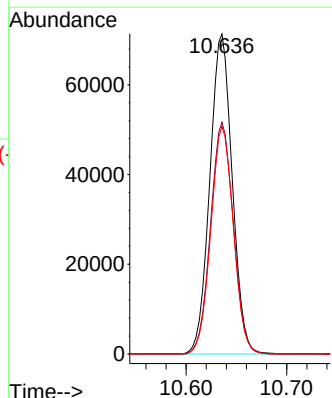
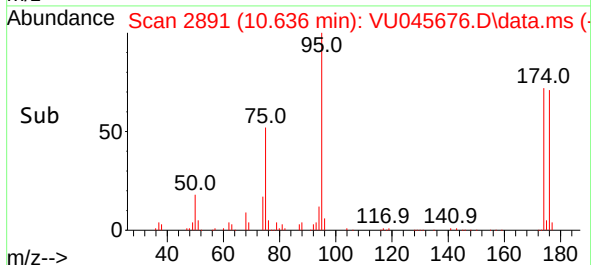
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

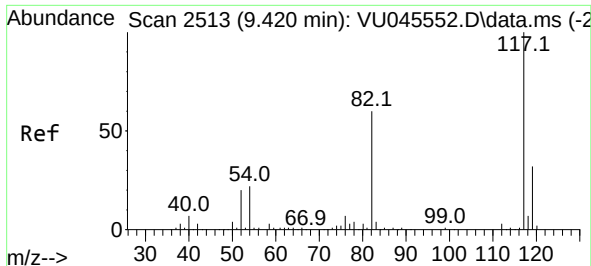


#62
4-Bromofluorobenzene
Concen: 49.874 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28



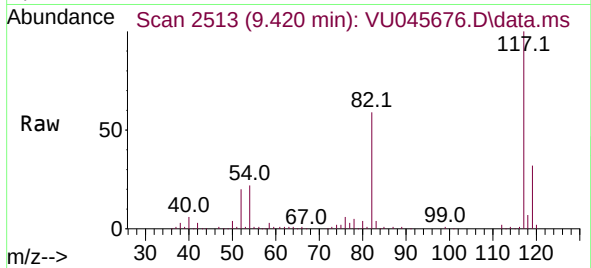
Tgt Ion: 95 Resp: 110330
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.8
176 71.5 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

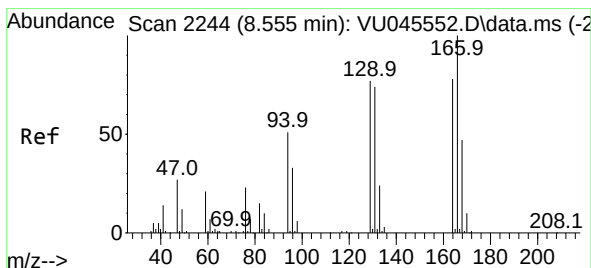
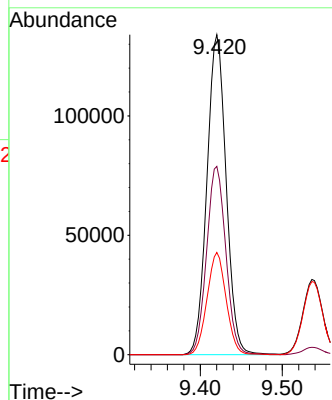
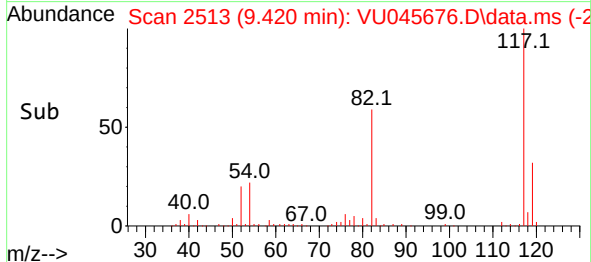
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 218140
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.8
119 32.0 25.8 38.8

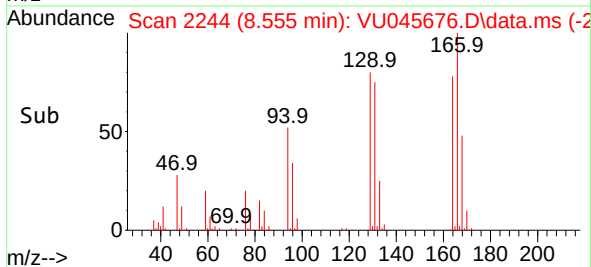
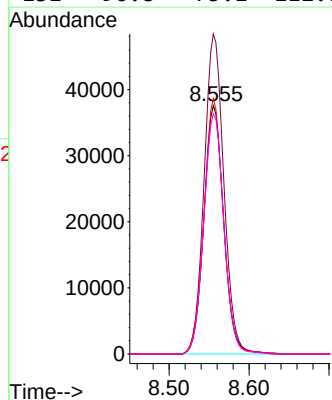
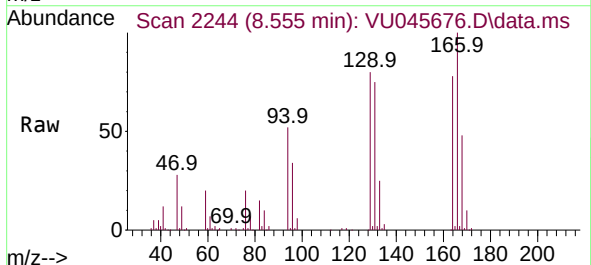
Manual Integrations
APPROVED

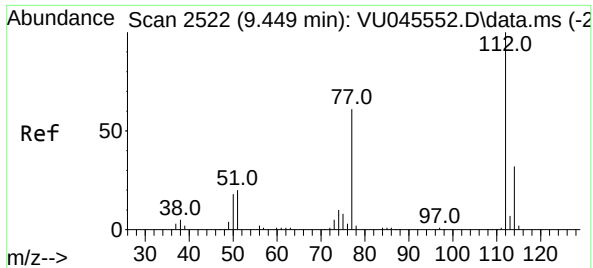
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#64
Tetrachloroethene
Concen: 51.858 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

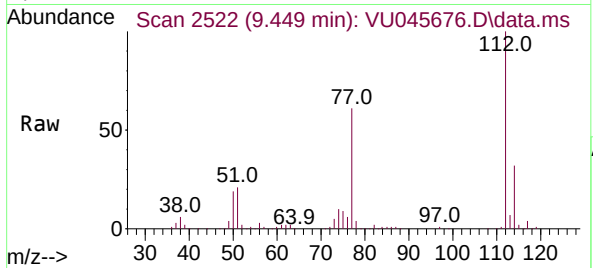
Tgt Ion:164 Resp: 64929
Ion Ratio Lower Upper
164 100
166 128.9 102.2 153.4
129 102.9 78.2 117.4
131 96.8 75.1 112.7





#65
Chlorobenzene
Concen: 48.924 ug/l
RT: 9.449 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

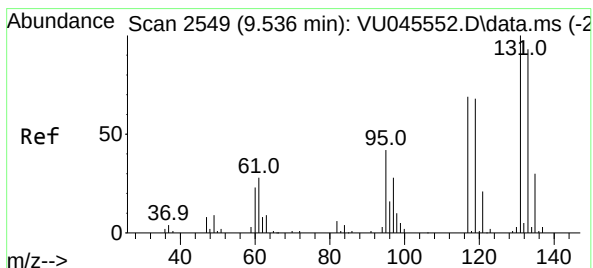
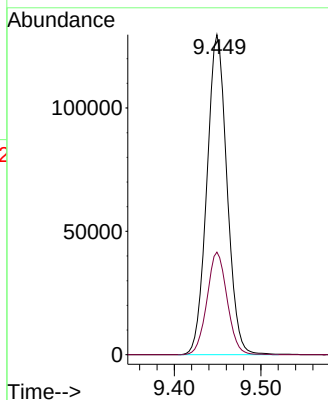
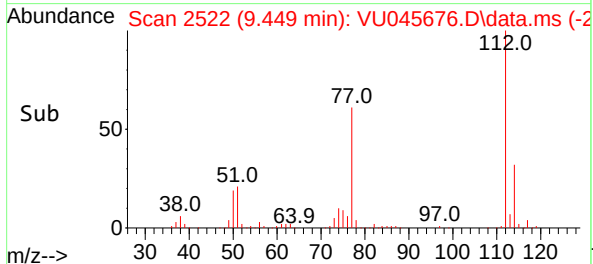
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



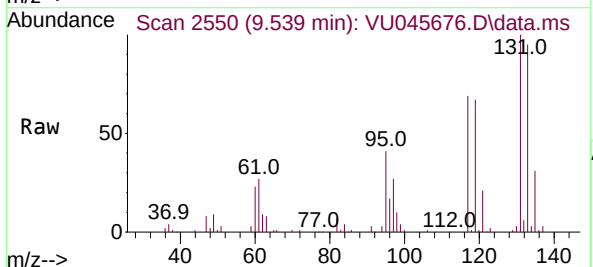
Tgt Ion:112 Resp: 20963
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

Manual Integrations
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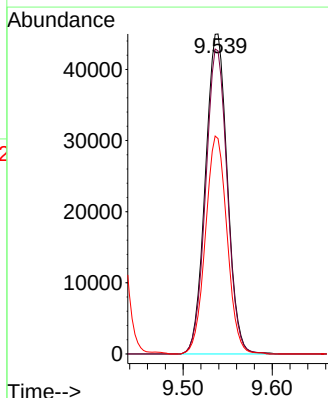
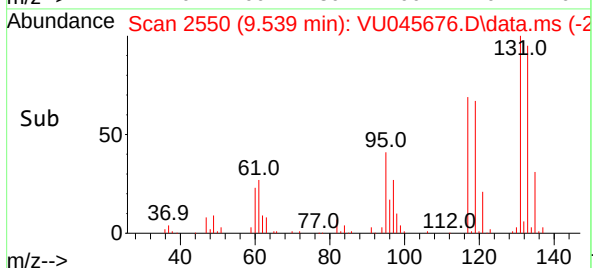
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

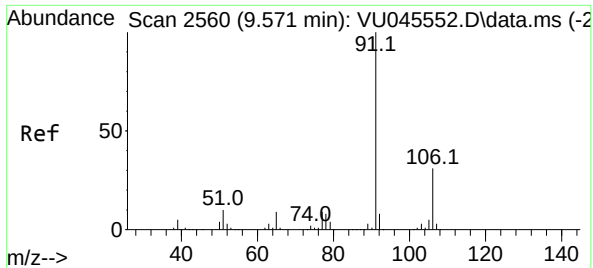


#66
1,1,1,2-Tetrachloroethane
Concen: 50.315 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28



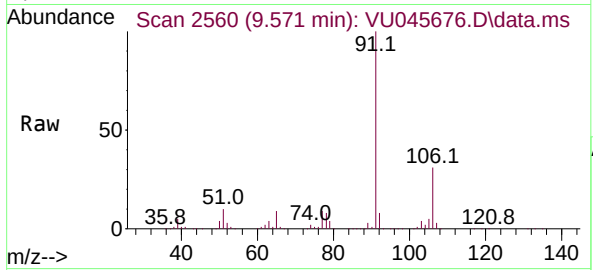
Tgt Ion:131 Resp: 76893
Ion Ratio Lower Upper
131 100
133 93.8 47.9 143.6
119 67.1 34.5 103.6





#67
Ethyl Benzene
Concen: 50.252 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

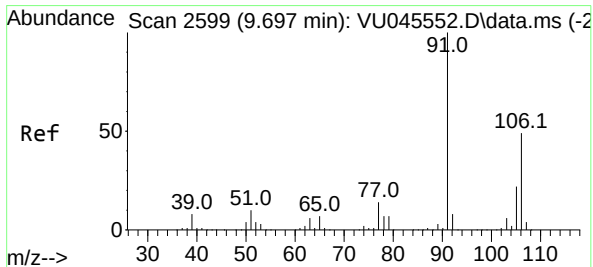
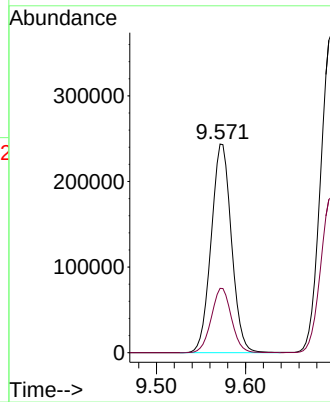
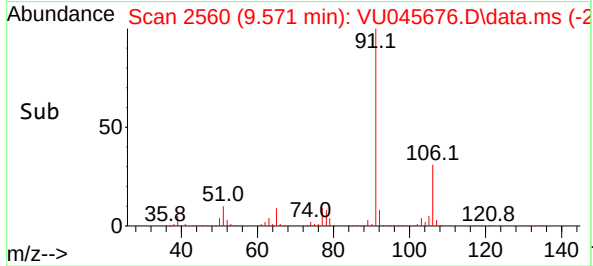
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 385619
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8

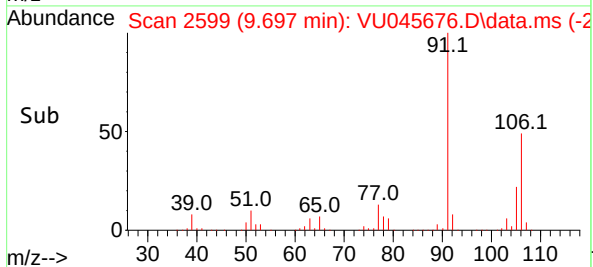
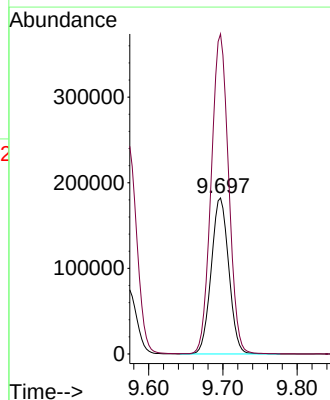
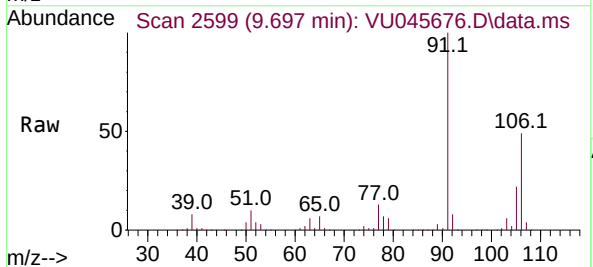
Manual Integrations
APPROVED

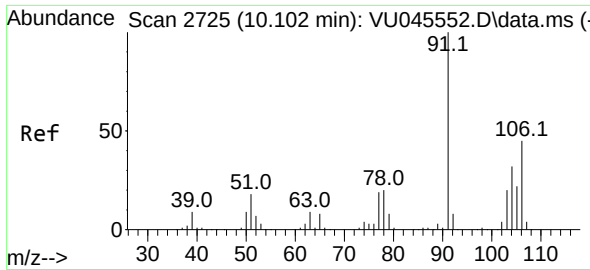
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#68
m/p-Xylenes
Concen: 103.149 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

Tgt Ion:106 Resp: 298510
Ion Ratio Lower Upper
106 100
91 204.2 164.7 247.1





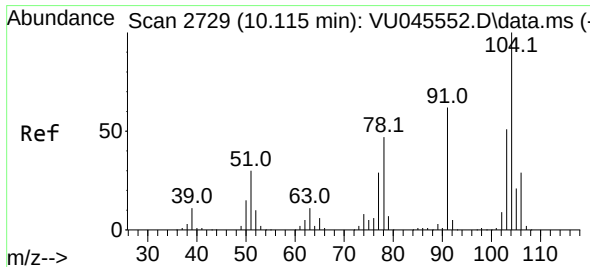
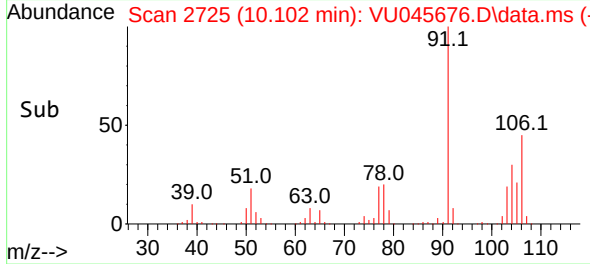
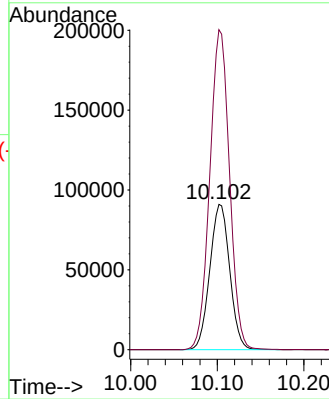
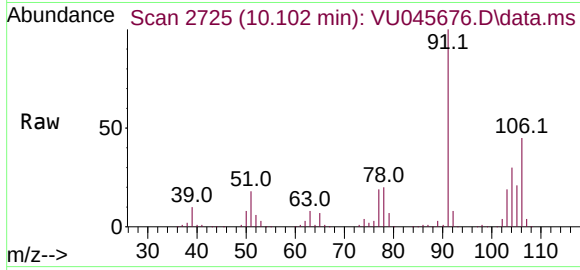
#69
o-Xylene
Concen: 51.642 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 145297
Ion Ratio Lower Upper
106 100
91 218.0 108.7 326.3

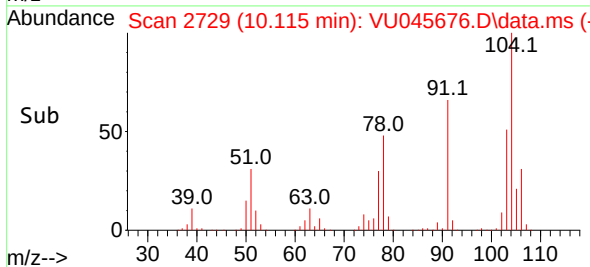
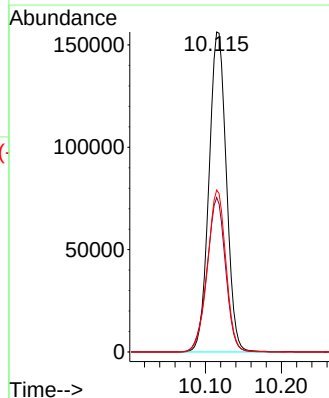
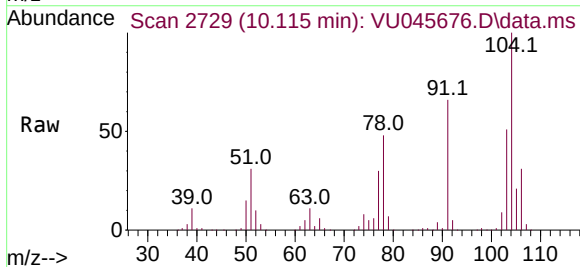
Manual Integrations
APPROVED

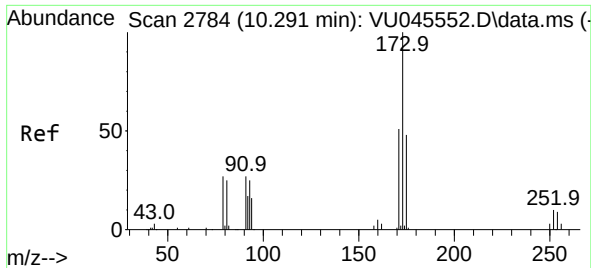
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#70
Styrene
Concen: 52.237 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

Tgt Ion:104 Resp: 248640
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.6
103 53.6 43.8 65.6





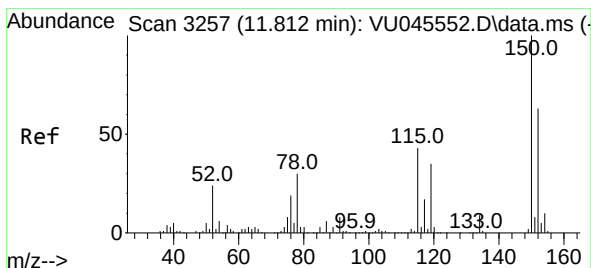
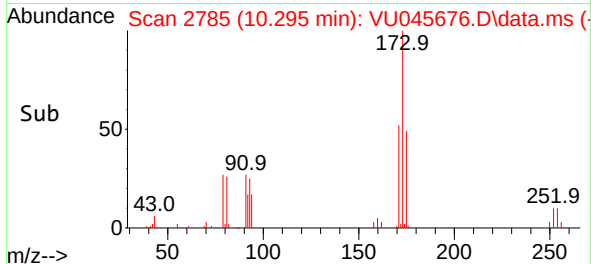
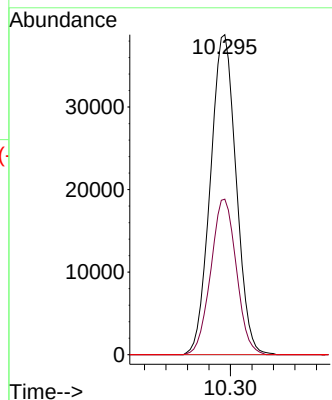
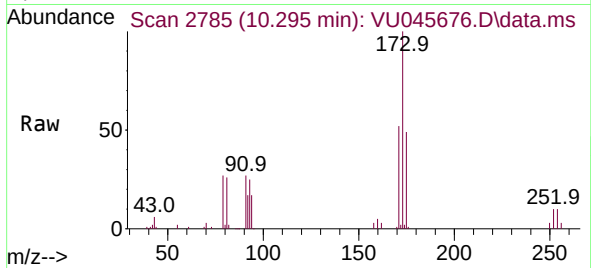
#71
Bromoform
Concen: 44.863 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 64404
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.2
254 0.0 0.0 0.0

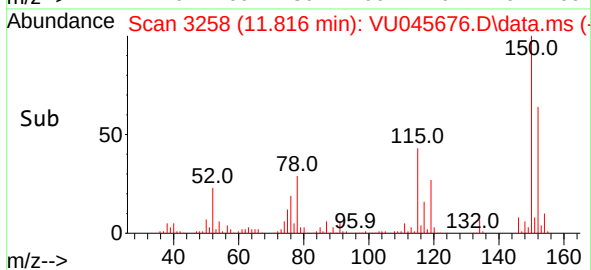
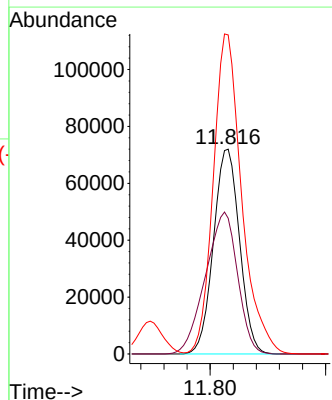
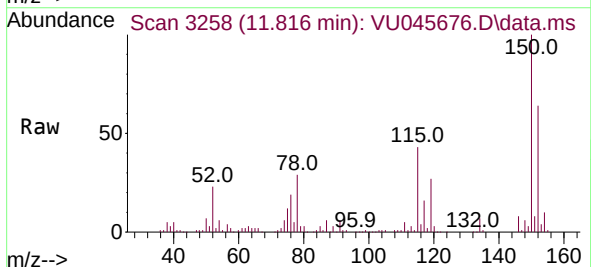
Manual Integrations
APPROVED

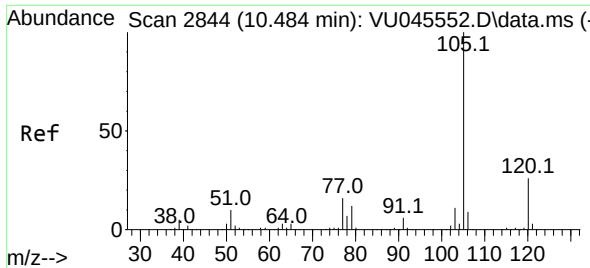
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

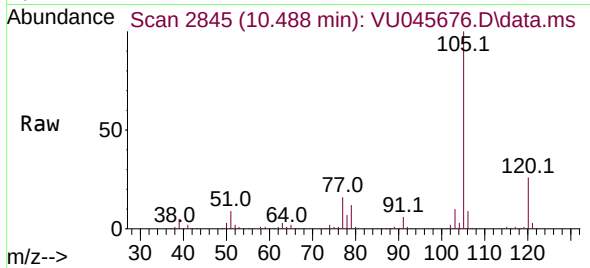
Tgt Ion:152 Resp: 112653
Ion Ratio Lower Upper
152 100
115 85.4 42.7 128.1
150 170.4 0.0 346.8





#73
Isopropylbenzene
Concen: 52.146 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

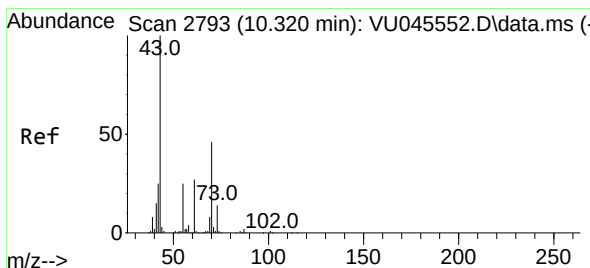
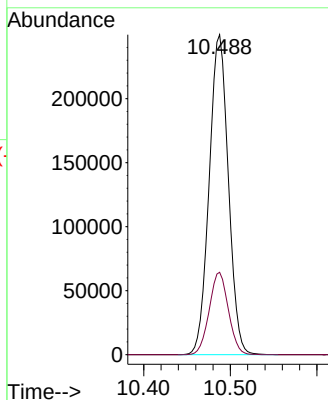
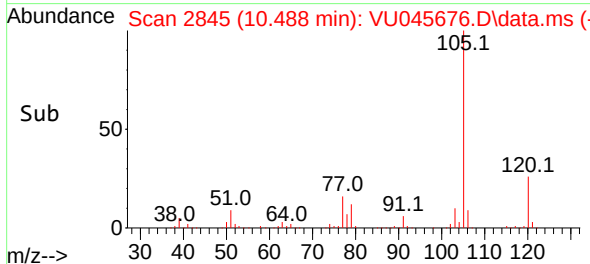
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 383820
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

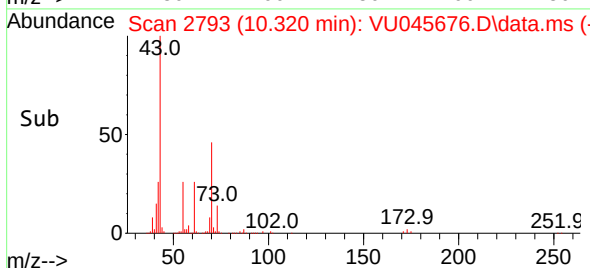
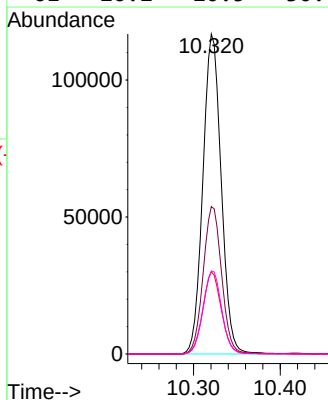
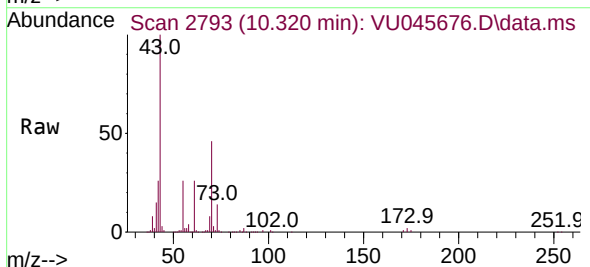
Manual Integrations
APPROVED

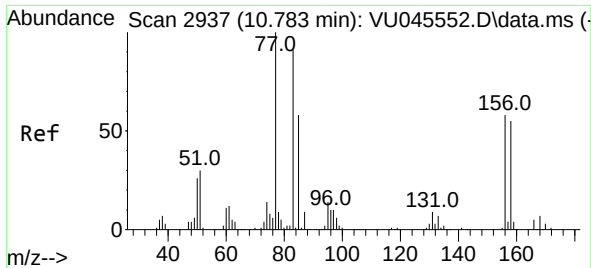
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#74
N-ethyl acetate
Concen: 51.693 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

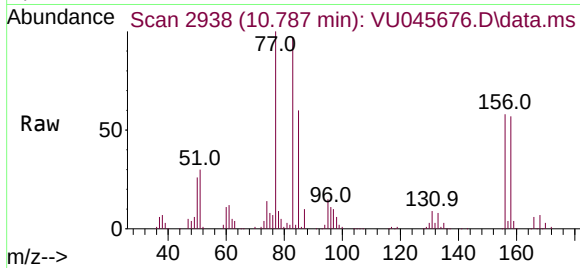
Tgt Ion: 43 Resp: 171648
Ion Ratio Lower Upper
43 100
70 46.4 36.9 55.3
55 26.0 20.6 31.0
61 26.2 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.685 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

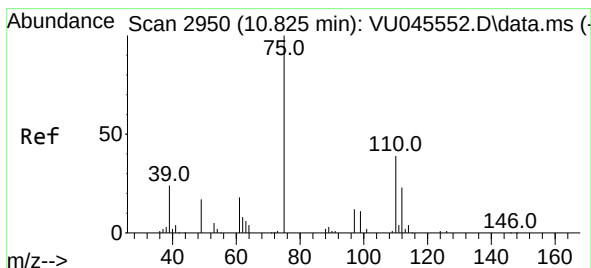
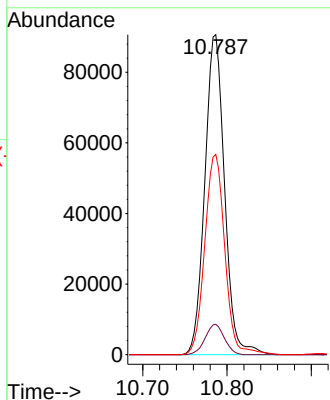
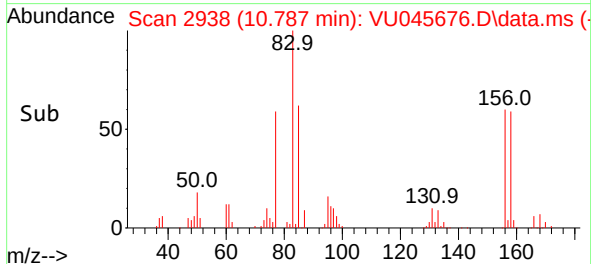
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 14781
Ion Ratio Lower Upper
83 100
131 9.2 4.4 13.2
85 63.6 31.9 95.9

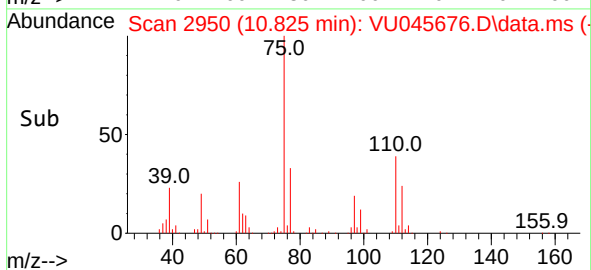
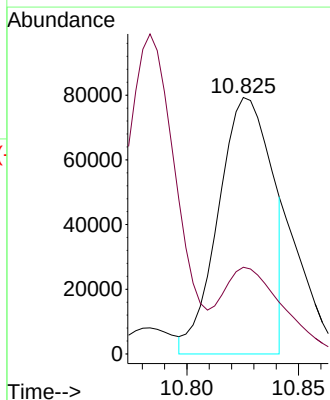
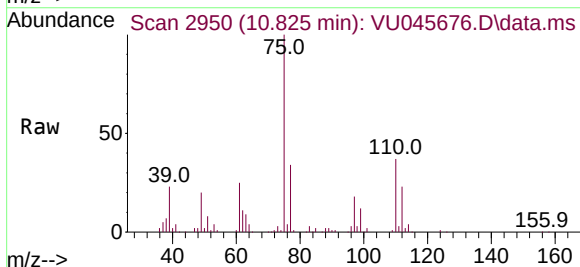
Manual Integrations
APPROVED

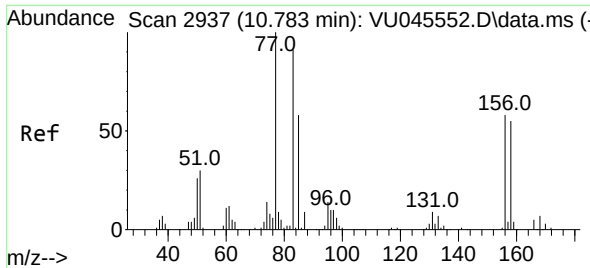
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#76
1,2,3-Trichloropropane
Concen: 38.581 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

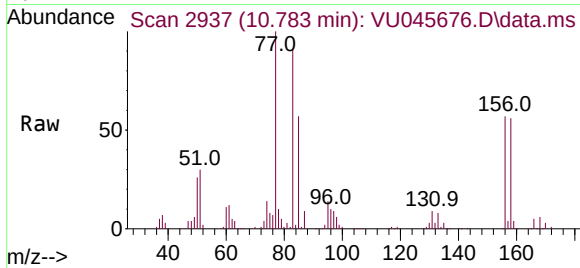
Tgt Ion: 75 Resp: 131803
Ion Ratio Lower Upper
75 100
77 39.2 17.1 51.3





#77
Bromobenzene
Concen: 50.462 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

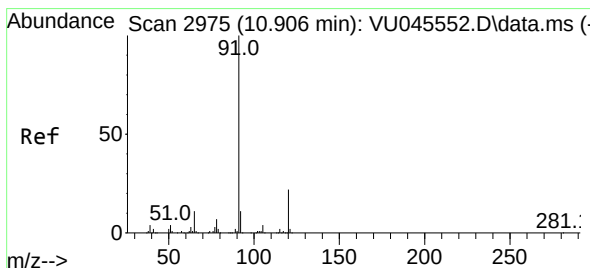
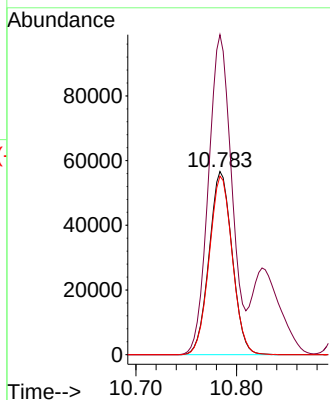
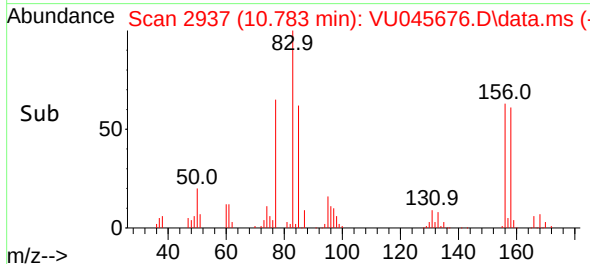
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



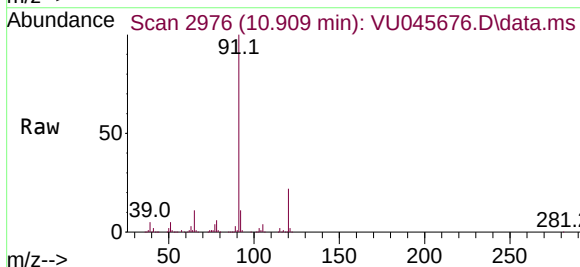
Tgt Ion:156 Resp: 9018
Ion Ratio Lower Upper
156 100
77 176.3 91.1 273.4
158 97.6 47.9 143.6

Manual Integrations
APPROVED

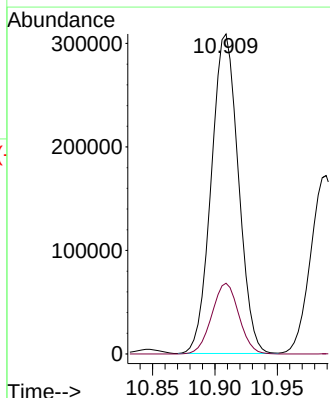
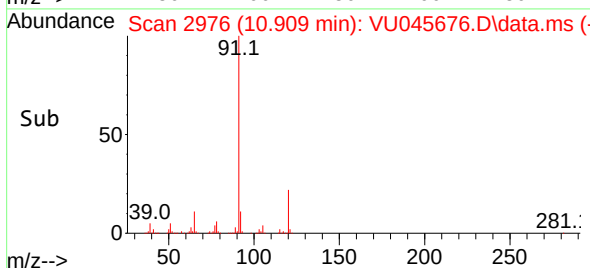
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

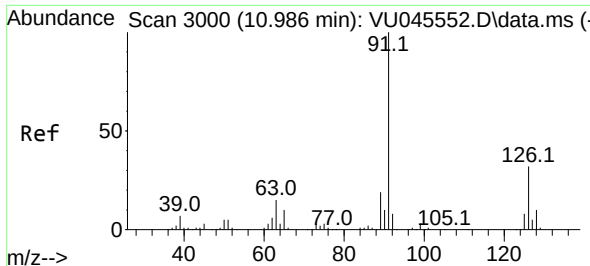


#78
n-propylbenzene
Concen: 51.027 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28



Tgt Ion: 91 Resp: 467461
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.7





#79

2-Chlorotoluene

Concen: 50.579 ug/l

RT: 10.989 min Scan# 3000

Delta R.T. 0.003 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 27375

Ion Ratio Lower Upper

91 100

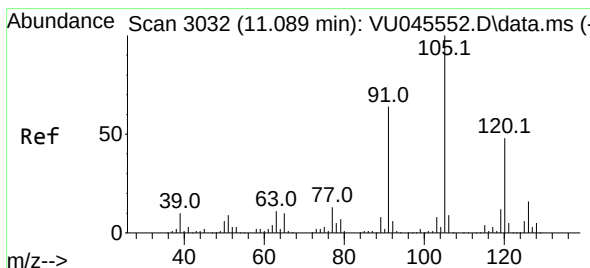
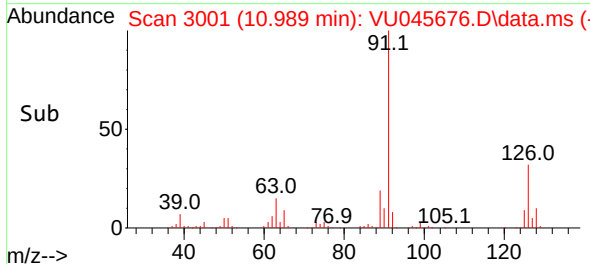
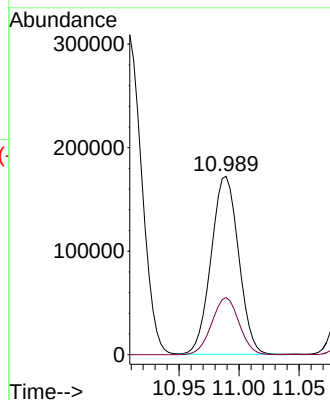
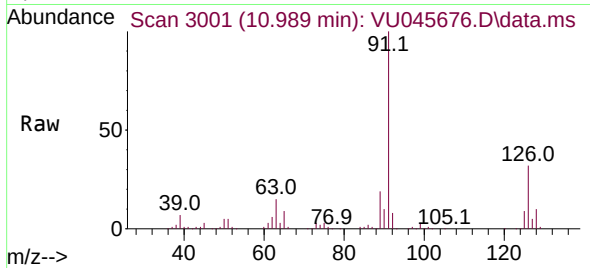
126 31.9 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#80

1,3,5-Trimethylbenzene

Concen: 51.563 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VU045676.D

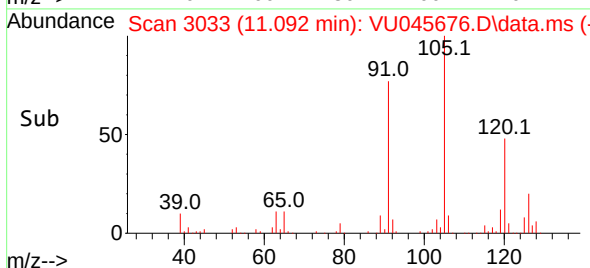
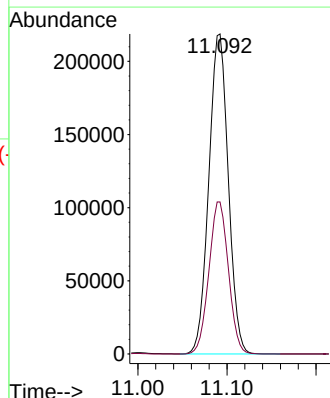
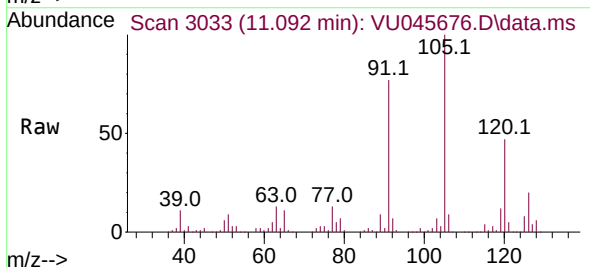
Acq: 09 Nov 2021 22:28

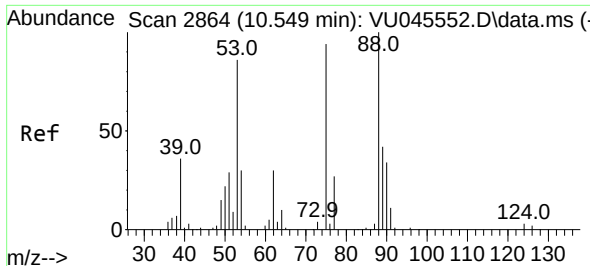
Tgt Ion:105 Resp: 331603

Ion Ratio Lower Upper

105 100

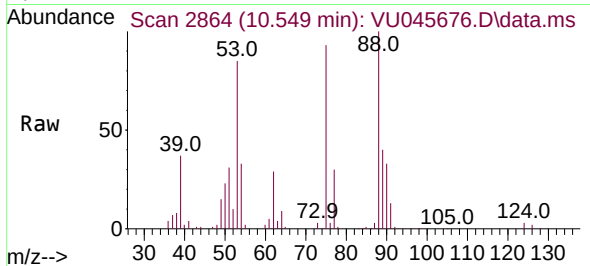
120 47.6 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 40.466 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

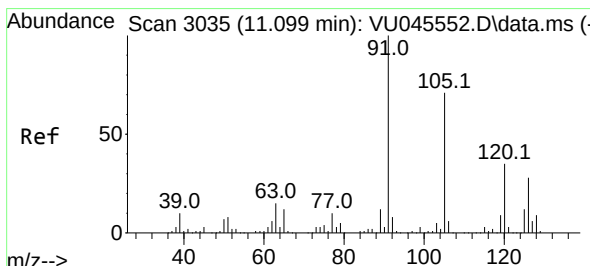
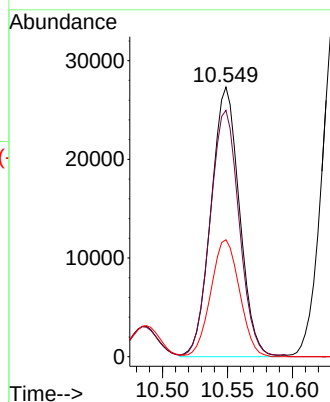
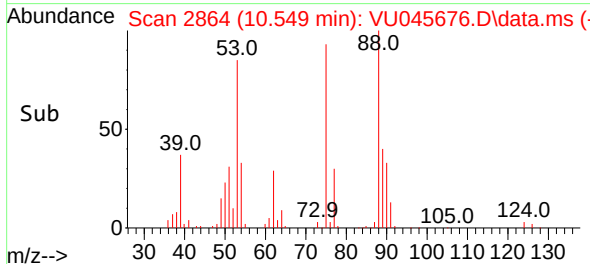
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4156
Ion Ratio Lower Upper
75 100
53 93.5 76.2 114.4
89 43.8 34.0 51.0

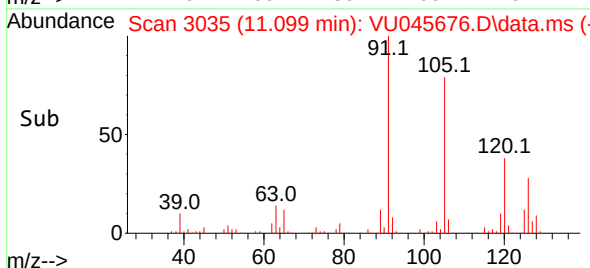
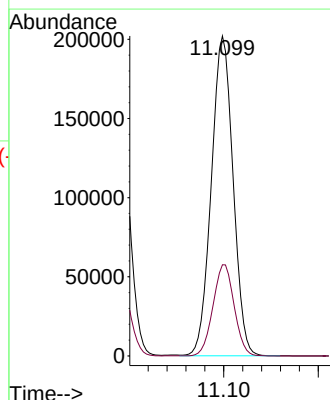
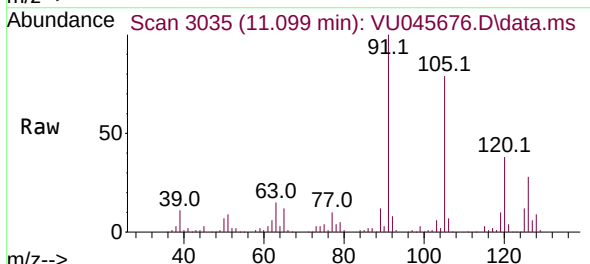
Manual Integrations
APPROVED

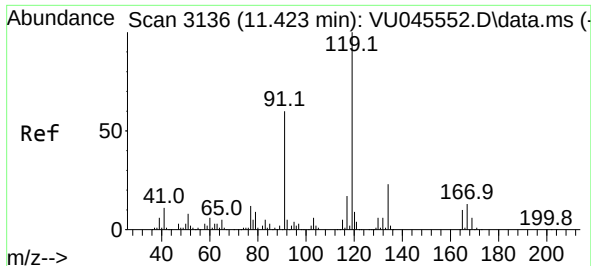
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#82
4-Chlorotoluene
Concen: 50.715 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

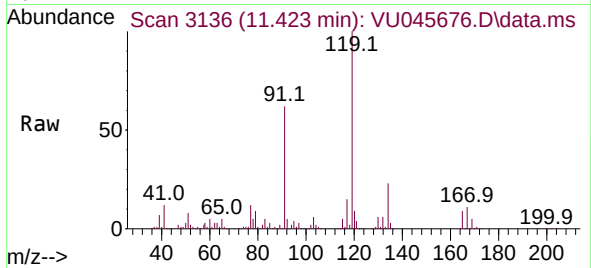
Tgt Ion: 91 Resp: 321916
Ion Ratio Lower Upper
91 100
126 27.9 13.8 41.4





#83
tert-Butylbenzene
Concen: 51.585 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

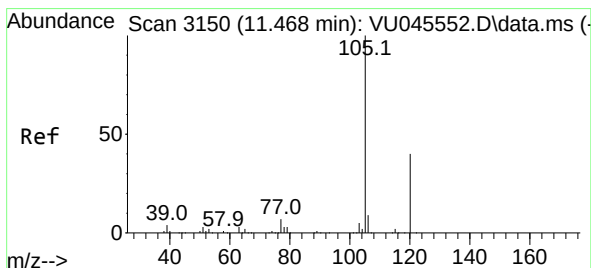
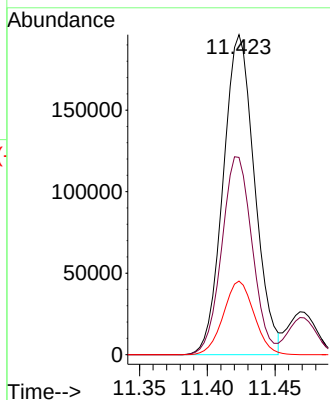
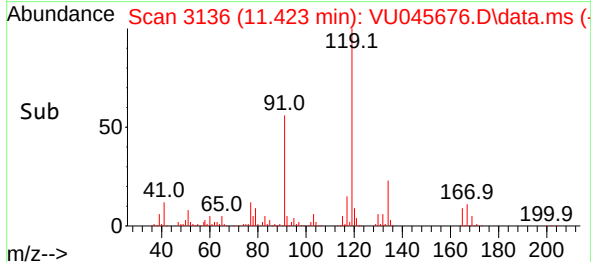
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 31623
Ion Ratio Lower Upper
119 100
91 60.4 30.5 91.5
134 22.5 11.5 34.5

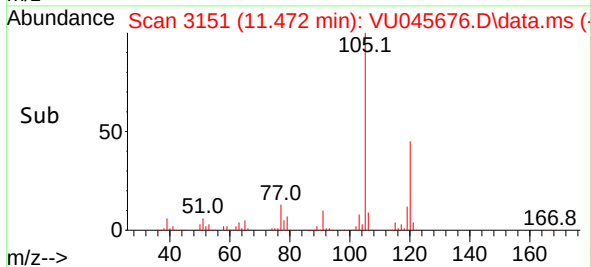
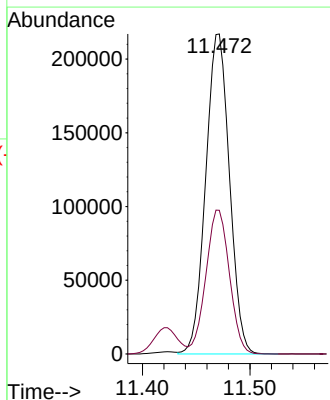
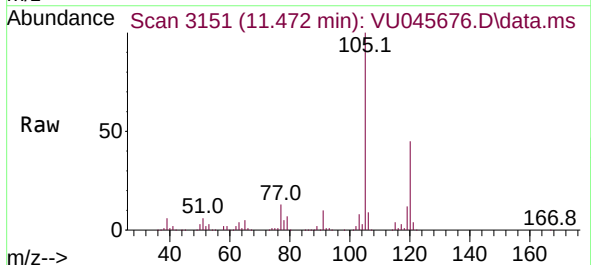
Manual Integrations
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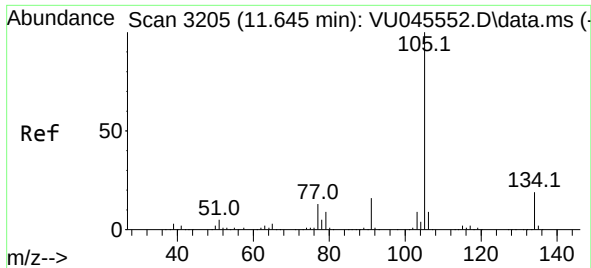
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#84
1,2,4-Trimethylbenzene
Concen: 52.112 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

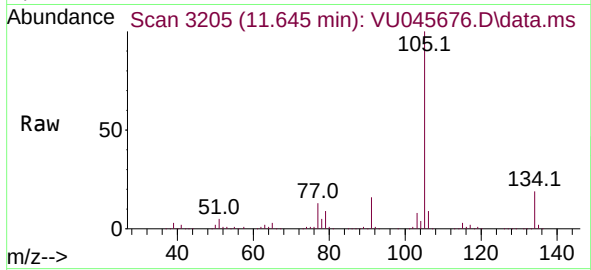
Tgt Ion:105 Resp: 333084
Ion Ratio Lower Upper
105 100
120 44.5 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 51.430 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU045676.D
 Acq: 09 Nov 2021 22:28

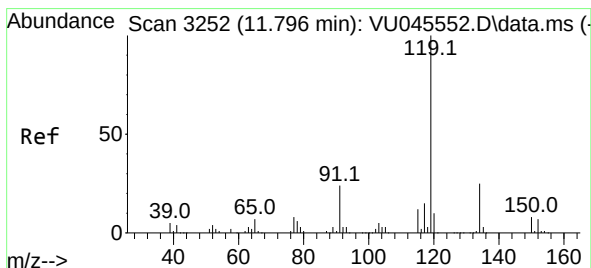
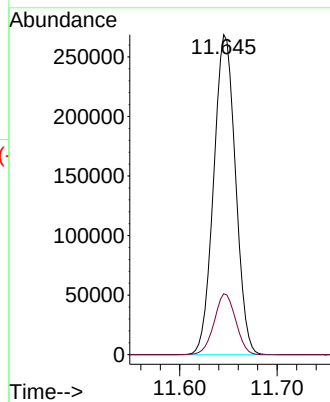
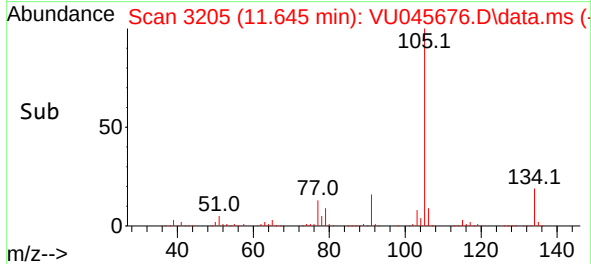
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



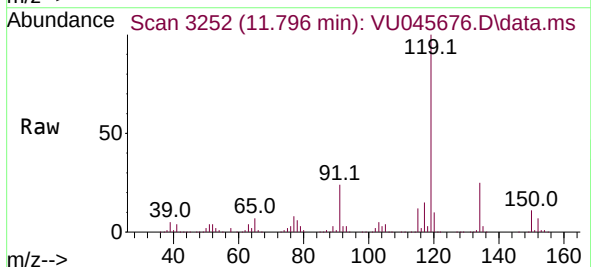
Tgt Ion:105 Resp: 41814
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.3

Manual Integrations
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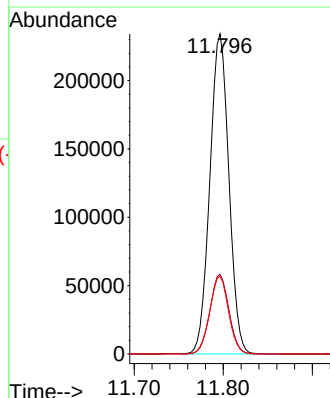
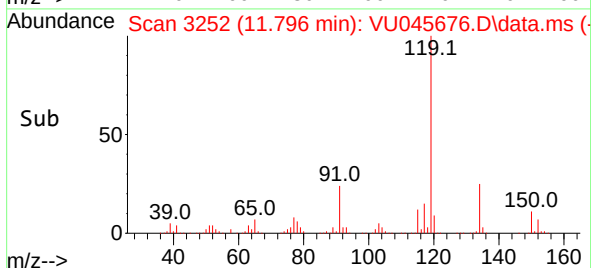
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

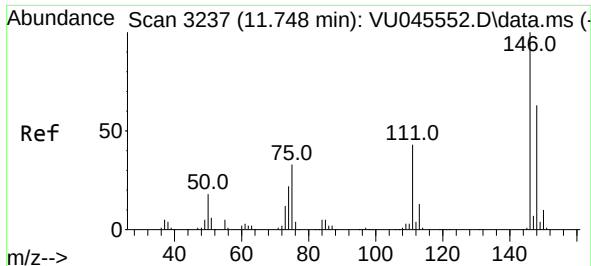


#86
 p-Isopropyltoluene
 Concen: 51.023 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045676.D
 Acq: 09 Nov 2021 22:28



Tgt Ion:119 Resp: 346656
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.7 38.1
 91 24.1 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 48.167 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 17368

Ion Ratio Lower Upper

146 100

111 43.1 21.3 63.9

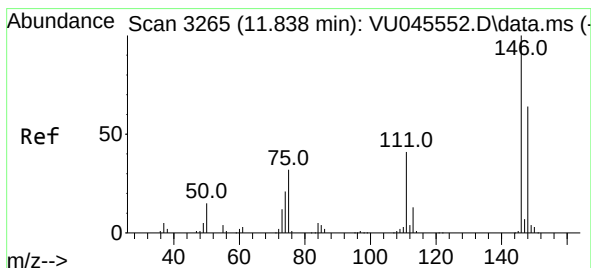
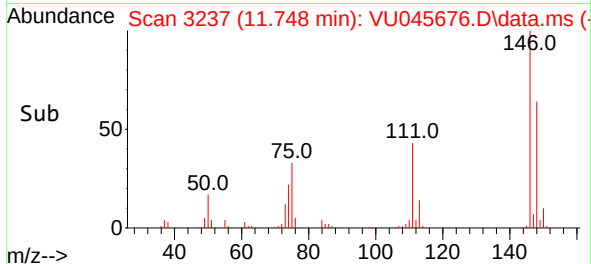
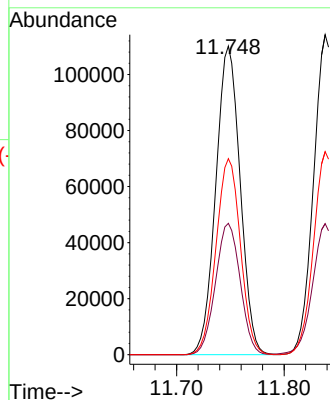
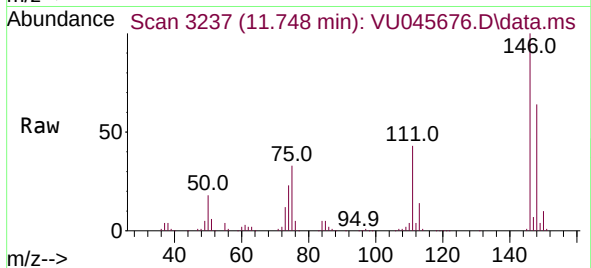
148 63.7 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#88

1,4-Dichlorobenzene

Concen: 47.958 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU045676.D

Acq: 09 Nov 2021 22:28

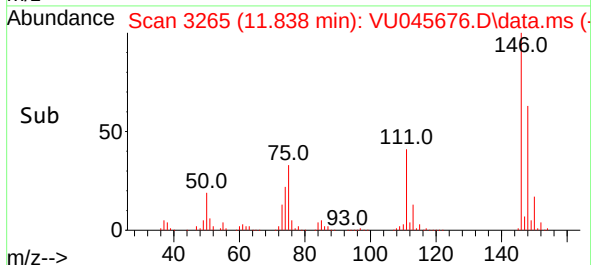
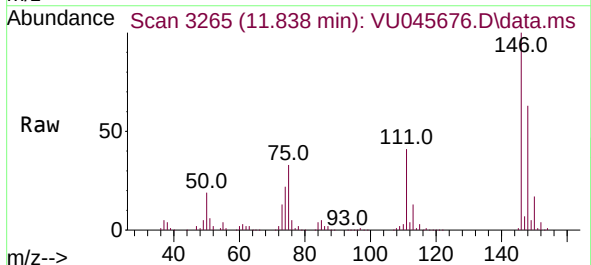
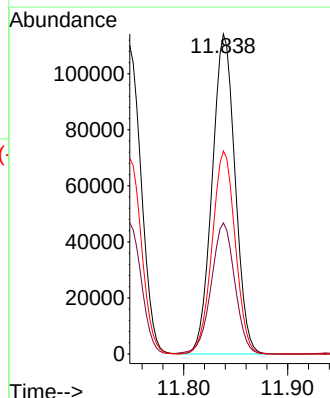
Tgt Ion:146 Resp: 174896

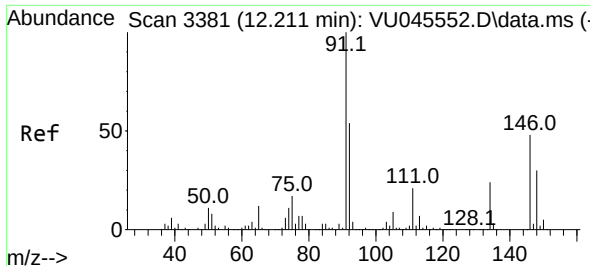
Ion Ratio Lower Upper

146 100

111 42.1 20.6 61.9

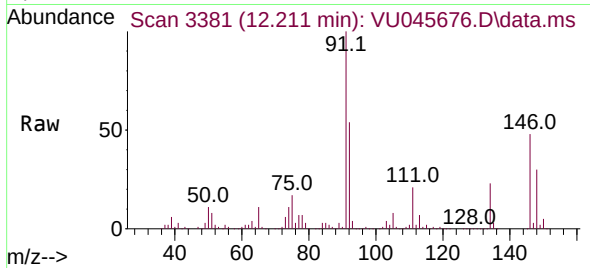
148 64.0 31.9 95.7





#89
n-Butylbenzene
Concen: 48.802 ug/l
RT: 12.211 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

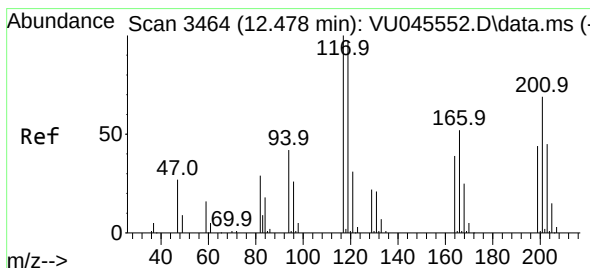
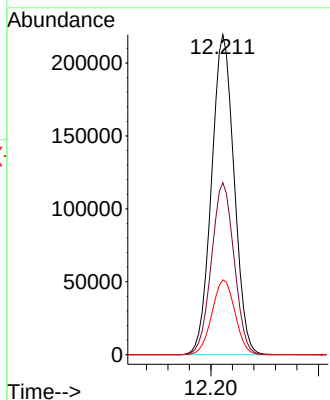
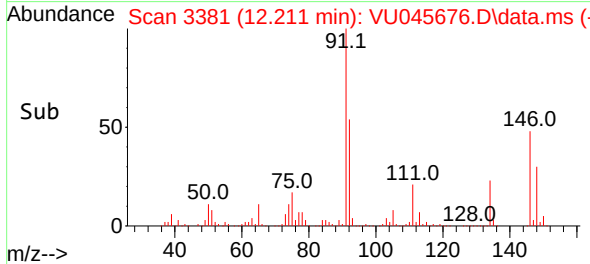
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 31939
Ion Ratio Lower Upper
91 100
92 54.0 27.1 81.2
134 24.0 11.8 35.4

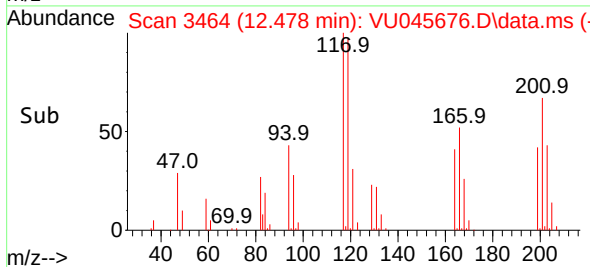
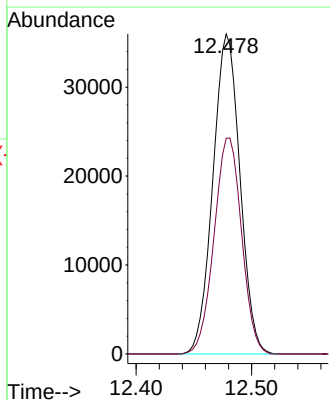
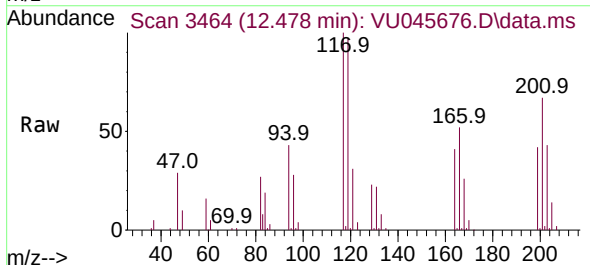
Manual Integrations
APPROVED

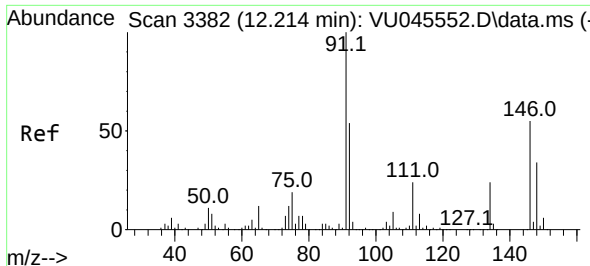
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#90
Hexachloroethane
Concen: 47.779 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

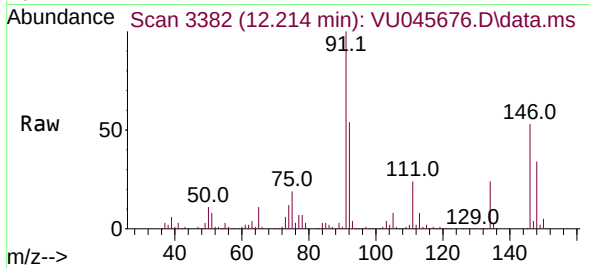
Tgt Ion:117 Resp: 58560
Ion Ratio Lower Upper
117 100
201 68.7 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 49.720 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

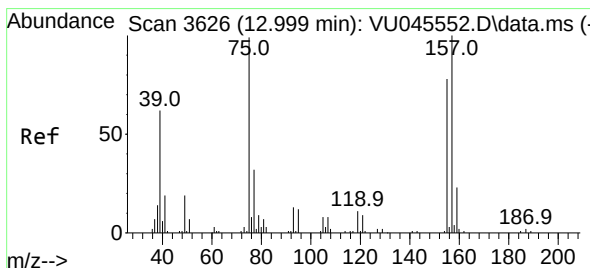
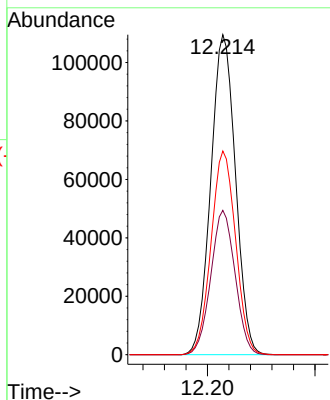
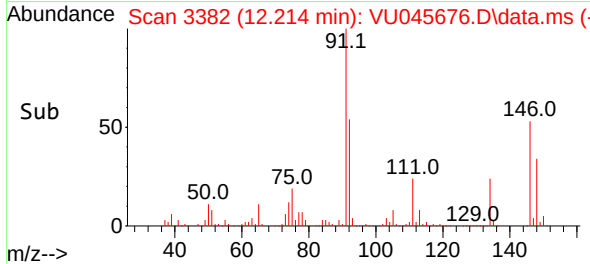
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



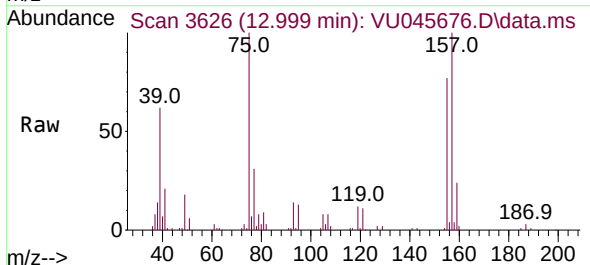
Tgt Ion:146 Resp: 174420
Ion Ratio Lower Upper
146 100
111 44.4 21.9 65.5
148 63.4 32.1 96.3

Manual Integrations
APPROVED

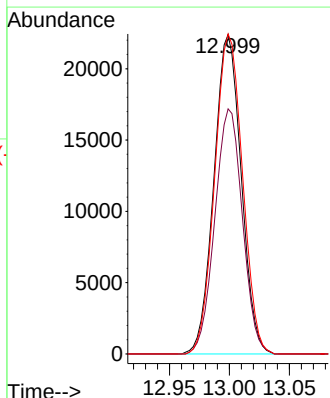
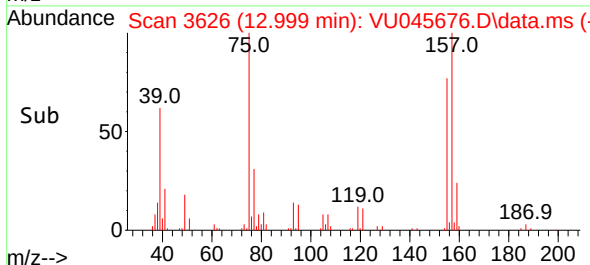
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

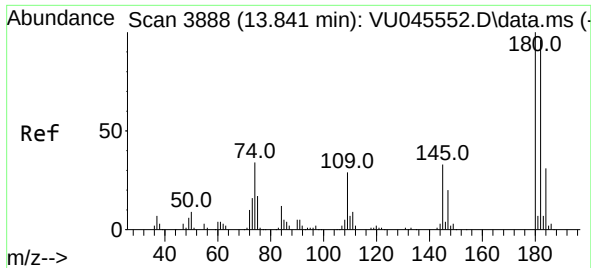


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.395 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28



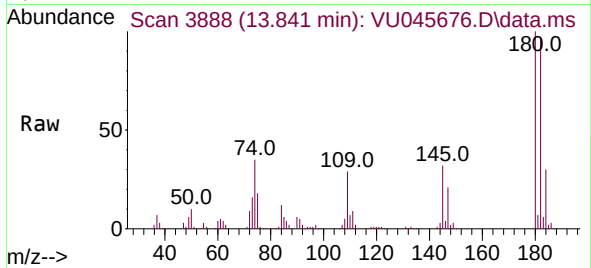
Tgt Ion: 75 Resp: 35366
Ion Ratio Lower Upper
75 100
155 77.7 37.8 113.3
157 102.0 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 47.468 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

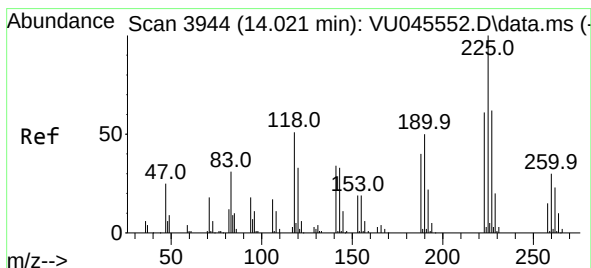
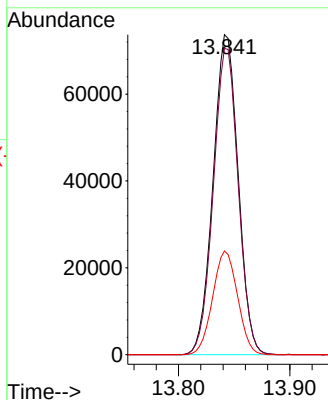
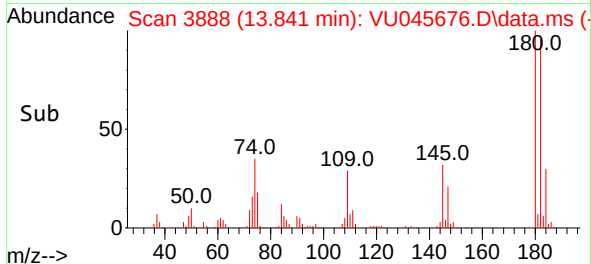
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



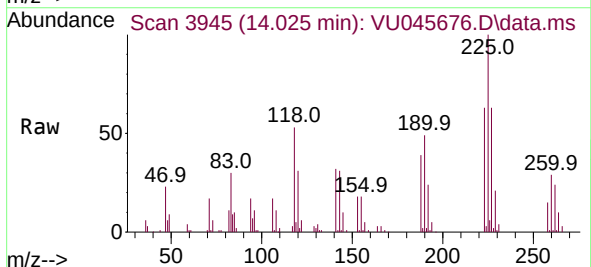
Tgt Ion:180 Resp: 115139
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.2
145 32.2 15.6 46.7

Manual Integrations
APPROVED

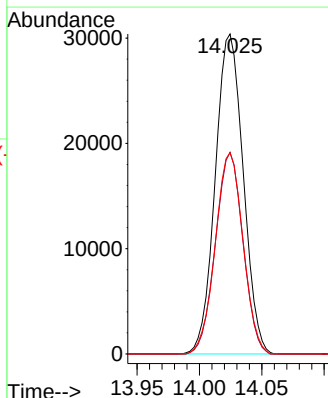
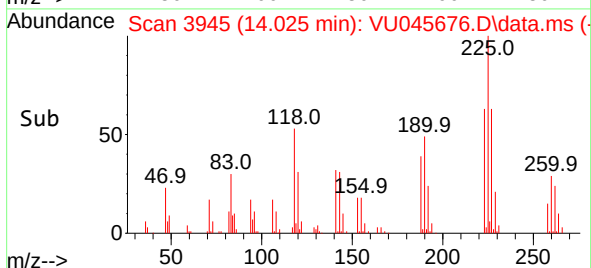
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

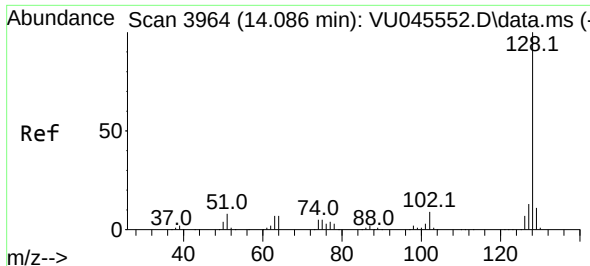


#94
Hexachlorobutadiene
Concen: 45.375 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28



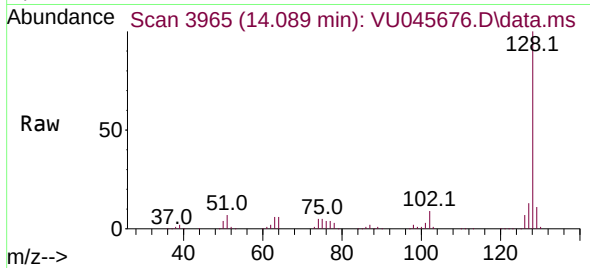
Tgt Ion:225 Resp: 47510
Ion Ratio Lower Upper
225 100
223 61.7 32.0 96.2
227 62.4 31.1 93.5





#95
Naphthalene
Concen: 48.009 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28

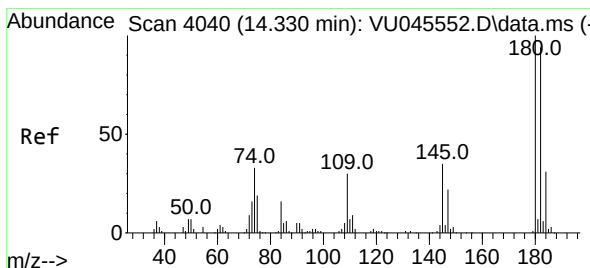
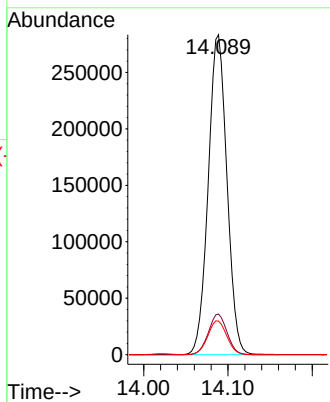
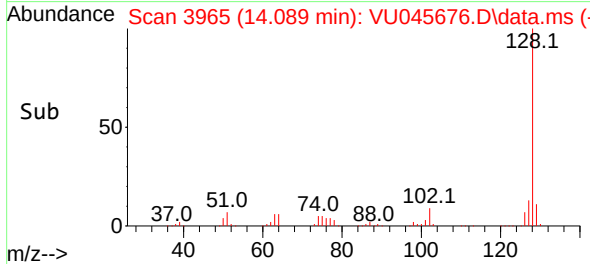
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



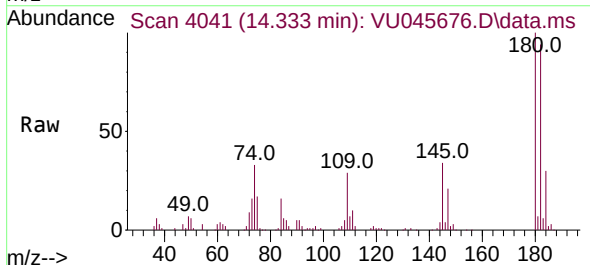
Tgt Ion:128 Resp: 437411
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#96
1,2,3-Trichlorobenzene
Concen: 49.449 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045676.D
Acq: 09 Nov 2021 22:28



Tgt Ion:180 Resp: 119138
Ion Ratio Lower Upper
180 100
182 94.9 47.7 143.1
145 35.0 16.7 50.0

