

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101321\
 Data File : VW022767.D
 Acq On : 13 Oct 2021 17:26
 Operator : SY/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 14 02:15:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 14 02:12:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125901	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124608	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57743	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33361	3.851	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.565	69	34184	4.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.105	63	54578	3.212	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	3.925	46	80172	35.299	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.600%
24) Chloroform-d	4.352	84	78273	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.037	65	36720	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.053	84	149084	4.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.072	67	48676	4.431	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.320	98	125849	3.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.625	79	14855	4.076	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.095	63	71977	49.011	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.020%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	34587	4.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	50957	4.760	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	2056	0.224	ug/L	91
3) Chloromethane	1.237	50	2566	0.278	ug/L	99
5) Vinyl chloride	1.307	62	2465	0.259	ug/L #	57
6) Bromomethane	1.519	94	1533	0.258	ug/L	90
8) Chloroethane	1.581	64	1658	0.281	ug/L	88
9) Trichlorofluoromethane	1.751	101	3621	0.259	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2748	0.338	ug/L #	82
12) 1,1-Dichloroethene	2.118	96	2302	0.303	ug/L #	1
14) Carbon disulfide	2.294	76	5621	0.263	ug/L	99
16) Methylene chloride	2.507	84	5736	0.548	ug/L	98
17) Methyl tert-butyl Ether	2.777	73	3851	0.209	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	2153	0.260	ug/L	91
19) 1,1-Dichloroethane	3.191	63	3764	0.253	ug/L	94
22) cis-1,2-Dichloroethene	3.918	96	1889	0.218	ug/L	97
23) Bromochloromethane	4.272	128	404	0.105	ug/L	73
27) 1,2-Dichloroethane	5.153	62	2103	0.244	ug/L #	69
29) 1,1,1-Trichloroethane	4.606	97	3508	0.247	ug/L	97
30) Cyclohexane	4.683	56	2561	0.195	ug/L	94
31) Carbon tetrachloride	4.831	117	2932	0.237	ug/L	96

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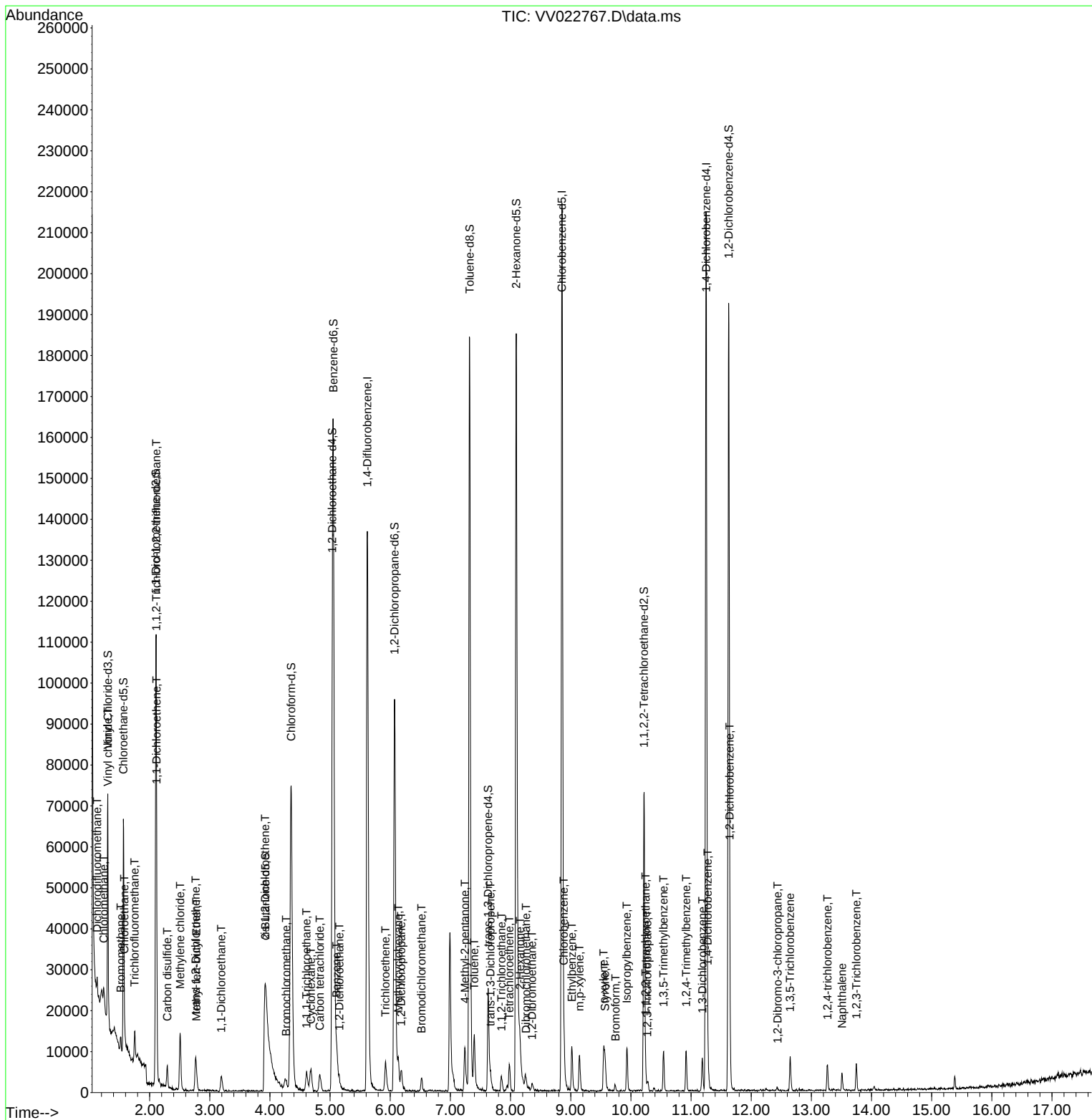
Instrument :
 MSVOA_V
 ClientSampleId :

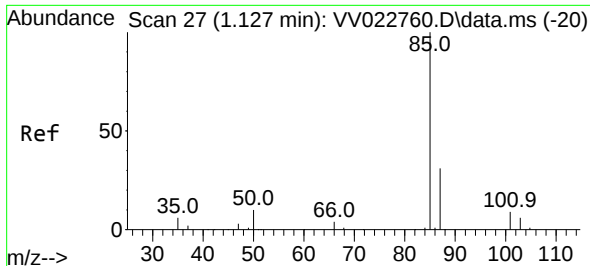
Quant Time: Oct 14 02:15:35 2021
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.108	78	7801	0.232	ug/L	100
34) Trichloroethene	5.921	95	2241	0.246	ug/L	95
35) Methylcyclohexane	6.133	83	2251	0.176	ug/L	93
37) 1,2-Dichloropropane	6.182	63	2266	0.281	ug/L #	84
38) Bromodichloromethane	6.519	83	2293	0.231	ug/L #	73
40) 4-Methyl-2-pentanone	7.239	43	8067	1.860	ug/L #	86
42) Toluene	7.397	91	9960	0.292	ug/L	93
44) trans-1,3-Dichloropropene	7.664	75	2194	0.252	ug/L	92
45) 1,1,2-Trichloroethane	7.847	97	1360	0.227	ug/L	90
47) Tetrachloroethene	7.979	164	1729	0.234	ug/L	97
48) 2-Hexanone	8.156	43	7601	2.397	ug/L #	85
49) Dibromochloromethane	8.256	129	1627	0.232	ug/L	83
50) 1,2-Dibromoethane	8.358	107	1300	0.232	ug/L #	99
51) Chlorobenzene	8.886	112	5395	0.241	ug/L	97
52) Ethylbenzene	9.018	91	7802	0.226	ug/L	96
53) m,p-xylene	9.146	106	2861	0.211	ug/L	81
54) o-xylene	9.548	106	2784	0.218	ug/L	91
55) Styrene	9.571	104	4355	0.198	ug/L	89
57) 1,1,2,2-Tetrachloroethane	10.246	83	1536	0.253	ug/L #	96
59) Bromoform	9.744	173	867	0.268	ug/L #	74
60) Isopropylbenzene	9.934	105	6721	0.229	ug/L	95
61) 1,2,3-Trichloropropane	10.275	75	1224	0.305	ug/L #	90
62) 1,3,5-Trimethylbenzene	10.542	105	5167	0.218	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	5400	0.228	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	3727	0.242	ug/L	94
65) 1,4-Dichlorobenzene	11.278	146	4156	0.266	ug/L	95
67) 1,2-Dichlorobenzene	11.644	146	4204	0.291	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	12.439	75	246	0.337	ug/L #	55
69) 1,3,5-Trichlorobenzene	12.648	180	3149	0.272	ug/L	89
70) 1,2,4-trichlorobenzene	13.268	180	2137	0.241	ug/L	97
71) Naphthalene	13.509	128	3606	0.256	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	2208	0.264	ug/L	97

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

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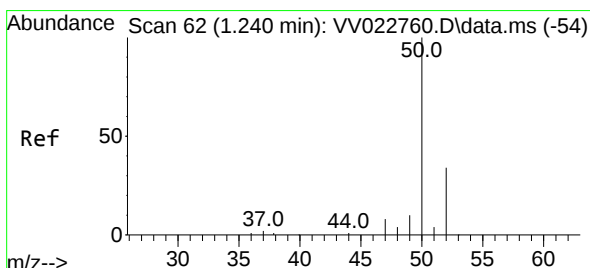
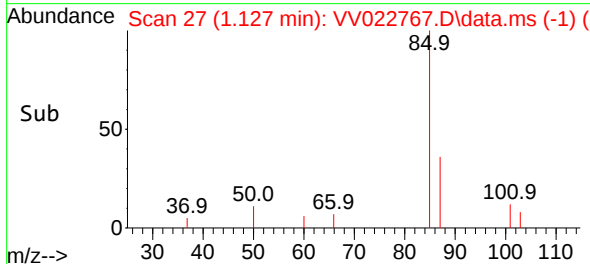
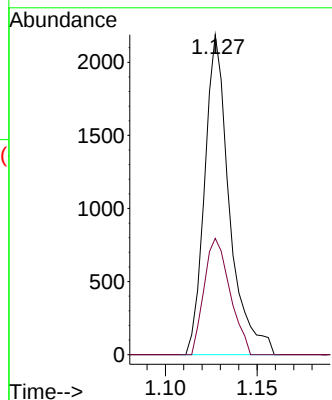
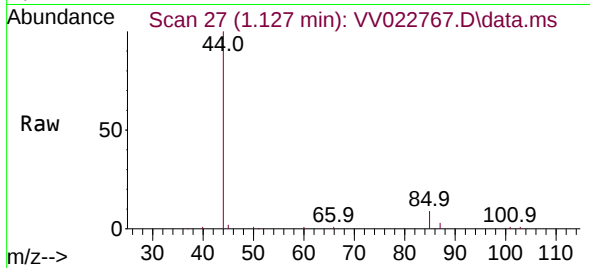




#2
 Dichlorodifluoromethane
 Concen: 0.224 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022767.D
 Acq: 13 Oct 2021 17:26

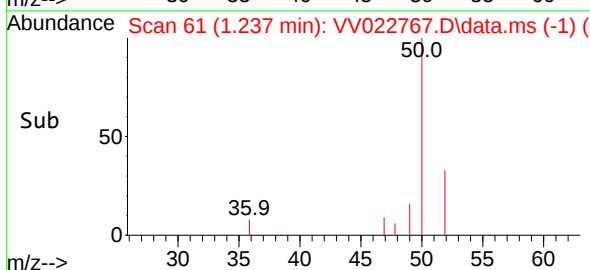
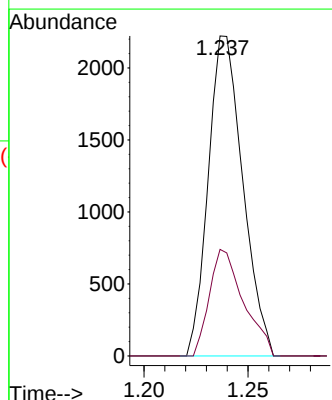
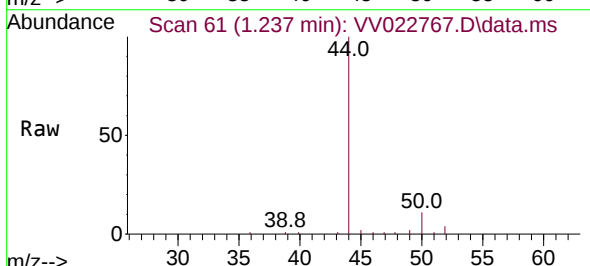
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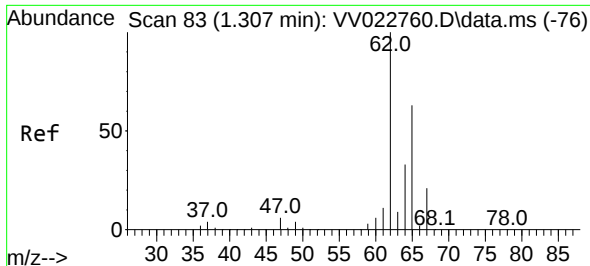
Tgt Ion: 85 Resp: 2056
 Ion Ratio Lower Upper
 85 100
 87 37.8 26.3 39.5



#3
 Chloromethane
 Concen: 0.278 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV022767.D
 Acq: 13 Oct 2021 17:26

Tgt Ion: 50 Resp: 2566
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.9 42.5

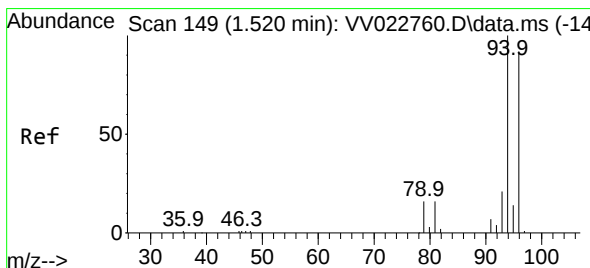
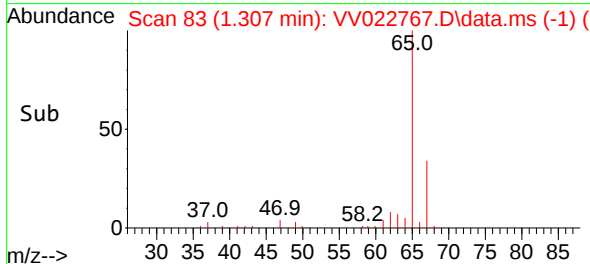
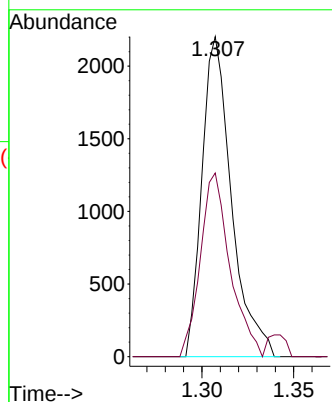
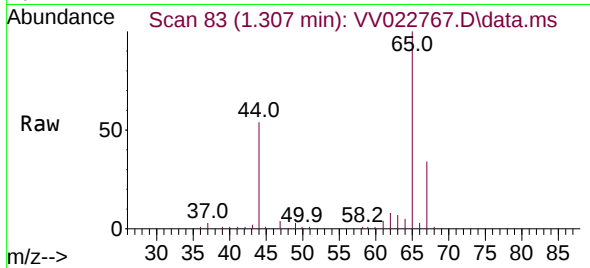




#5
 Vinyl chloride
 Concen: 0.259 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022767.D
 Acq: 13 Oct 2021 17:26

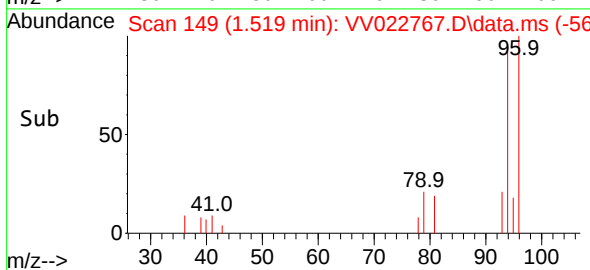
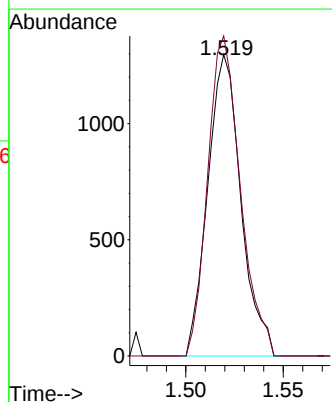
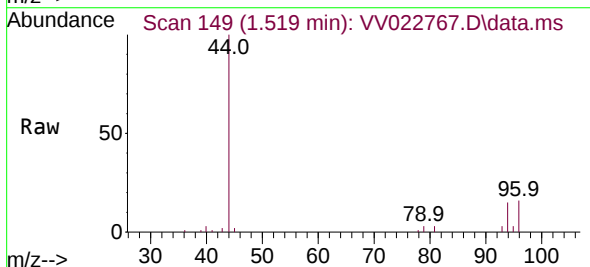
Instrument :
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 ClientSampled :

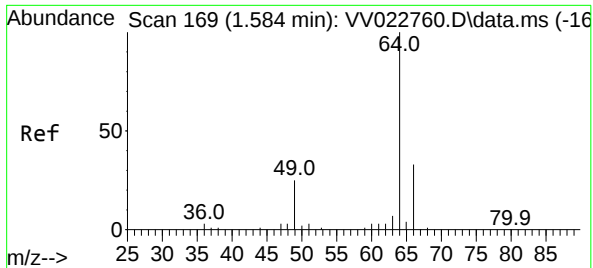
Tgt Ion: 62 Resp: 2465
 Ion Ratio Lower Upper
 62 100
 64 57.4 23.0 42.8#



#6
 Bromomethane
 Concen: 0.258 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV022767.D
 Acq: 13 Oct 2021 17:26

Tgt Ion: 94 Resp: 1533
 Ion Ratio Lower Upper
 94 100
 96 106.2 67.2 124.8

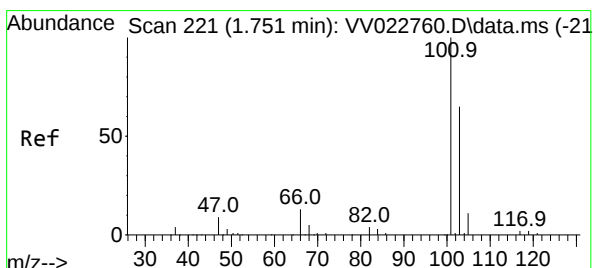
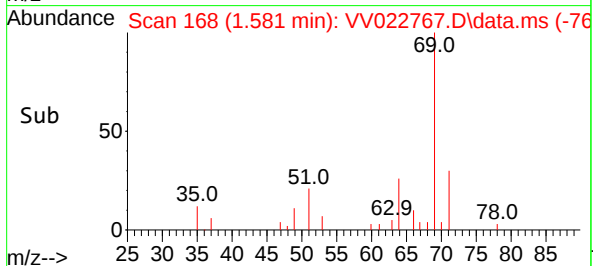
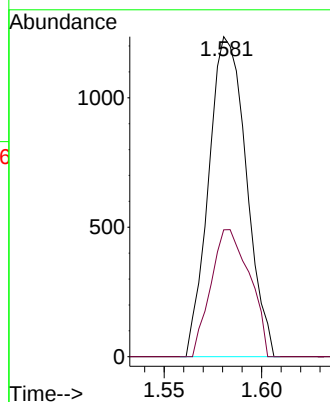
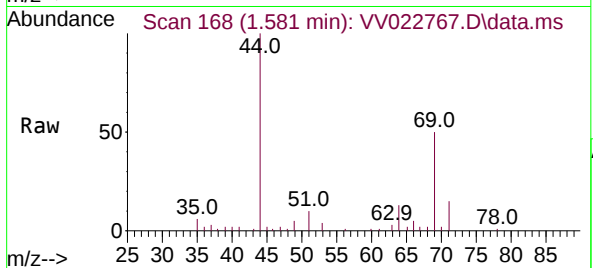




#8
Chloroethane
Concen: 0.281 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

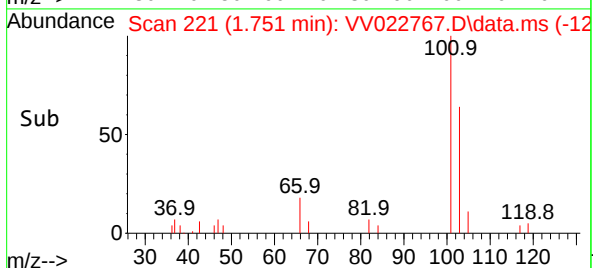
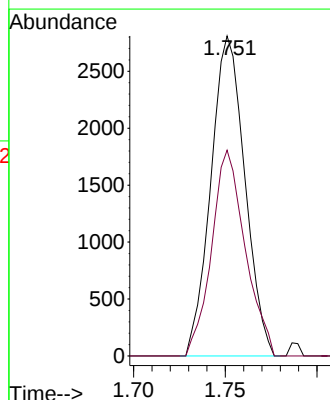
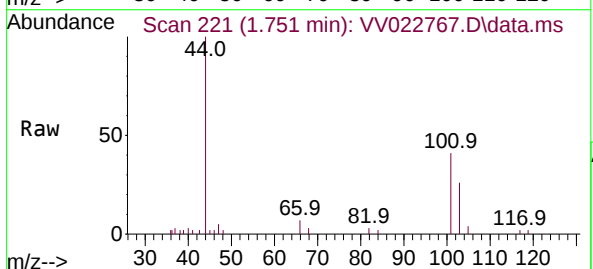
Instrument :
MSVOA_V
ClientSampled :

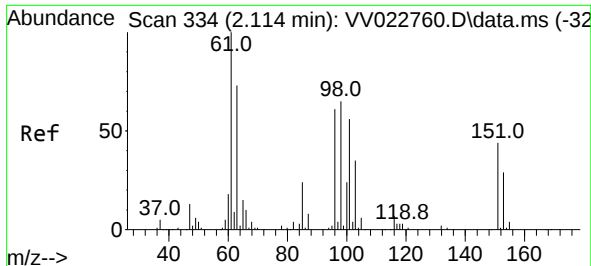
Tgt Ion: 64 Resp: 1658
Ion Ratio Lower Upper
64 100
66 39.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 0.259 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

Tgt Ion:101 Resp: 3621
Ion Ratio Lower Upper
101 100
103 63.6 50.3 75.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.338 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV022767.D

Acq: 13 Oct 2021 17:26

Tgt Ion:101 Resp: 2748

Ion Ratio Lower Upper

101 100

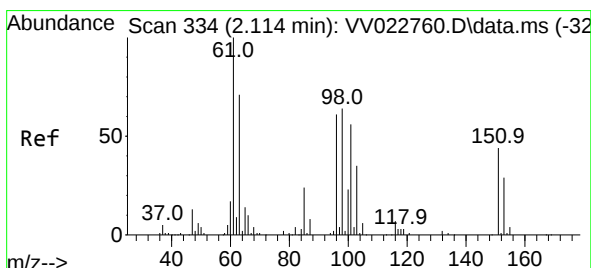
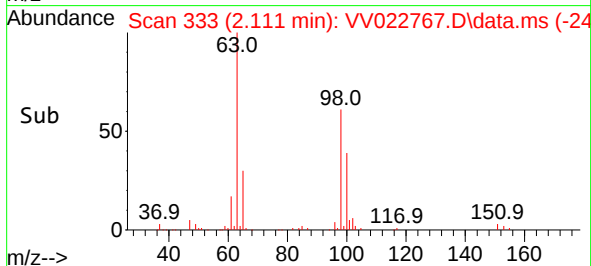
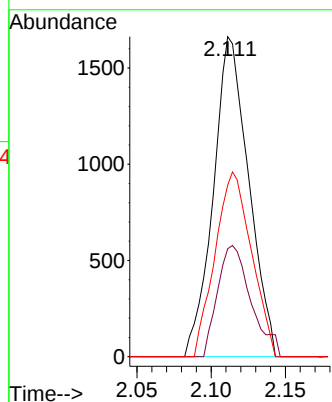
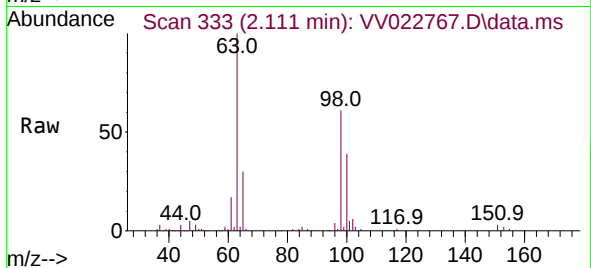
85 32.8 34.6 52.0#

151 59.4 60.9 91.3#

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 0.303 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV022767.D

Acq: 13 Oct 2021 17:26

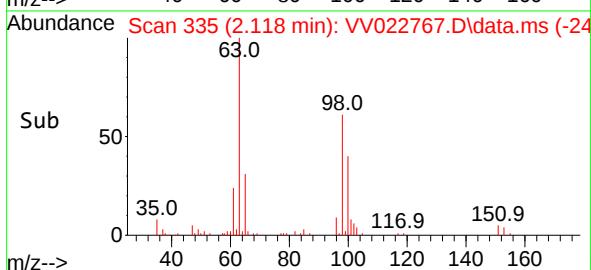
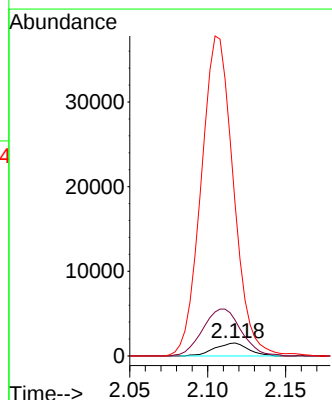
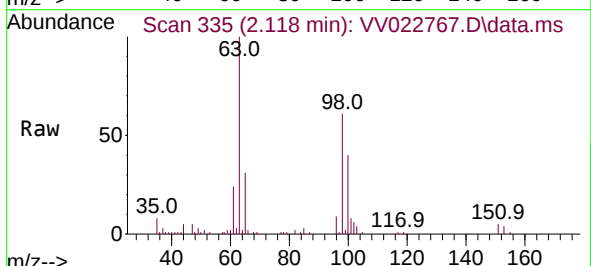
Tgt Ion: 96 Resp: 2302

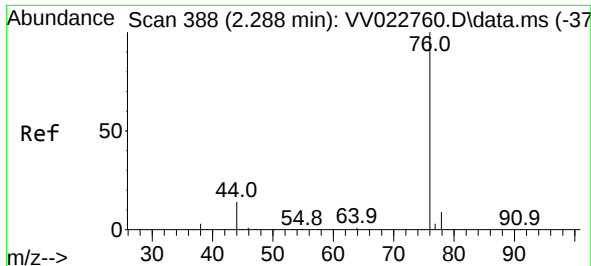
Ion Ratio Lower Upper

96 100

61 274.8 127.3 236.5#

63 1168.3 106.2 197.2#

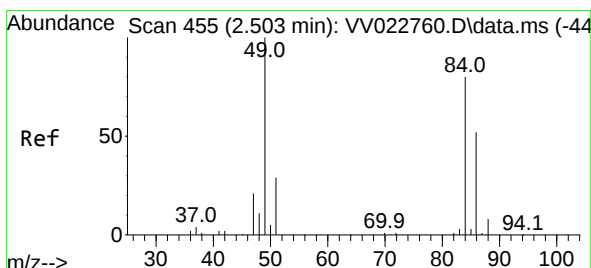
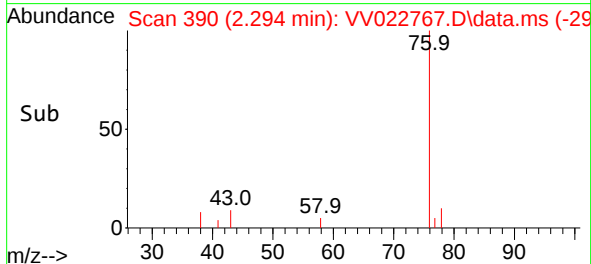
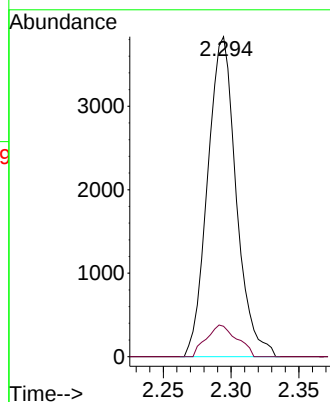
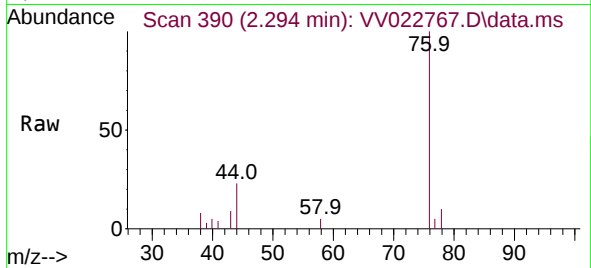




#14
Carbon disulfide
Concen: 0.263 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

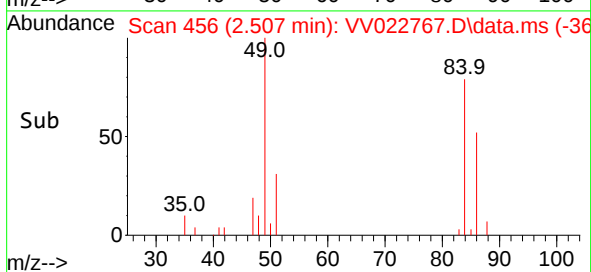
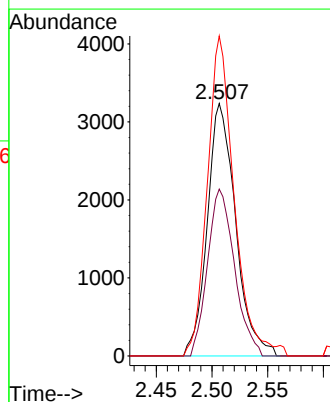
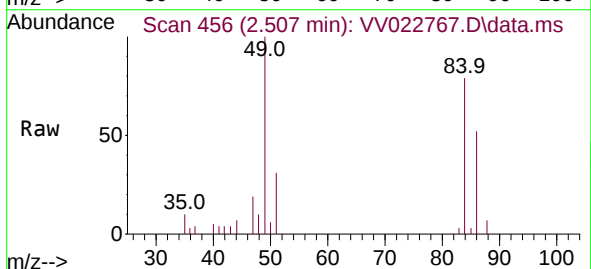
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MSVOA_V
ClientSampled :

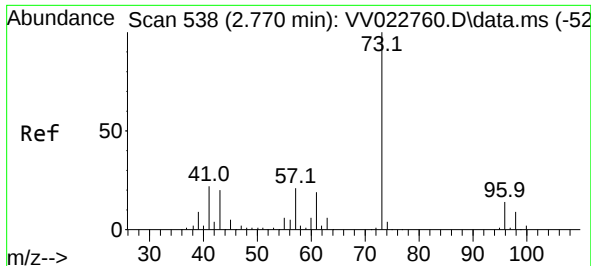
Tgt Ion: 76 Resp: 5621
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#16
Methylene chloride
Concen: 0.548 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

Tgt Ion: 84 Resp: 5736
Ion Ratio Lower Upper
84 100
86 66.1 45.8 85.2
49 126.7 90.3 167.7

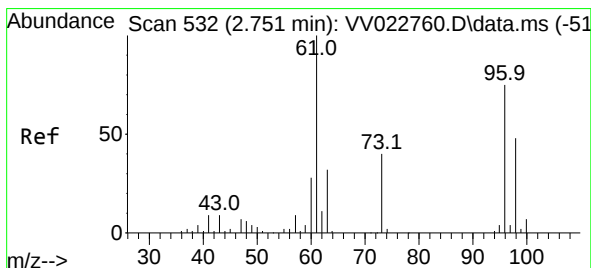
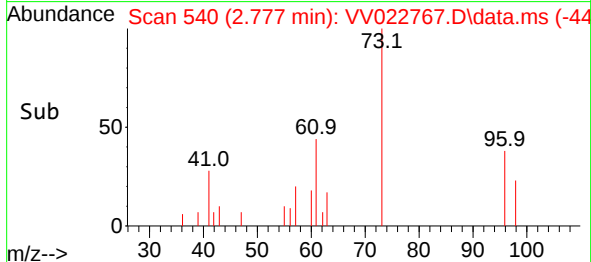
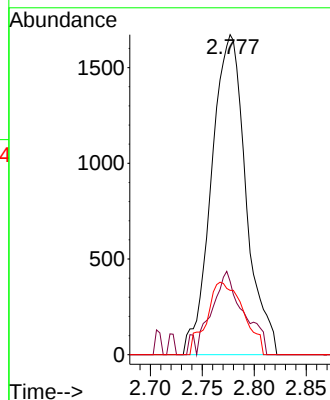
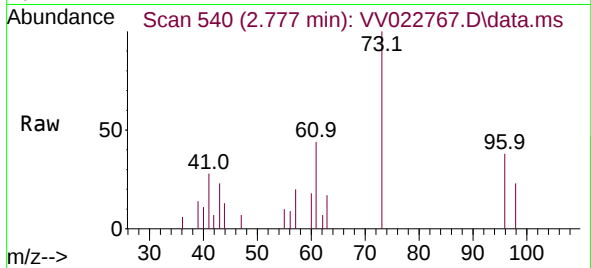




#17
Methyl tert-butyl Ether
Concen: 0.209 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.006 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

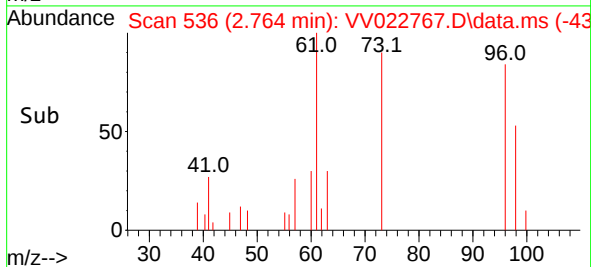
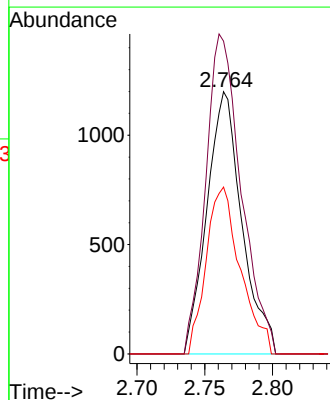
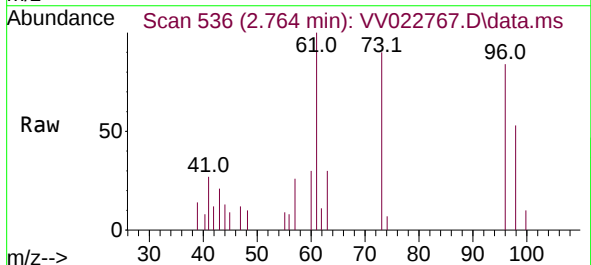
Instrument :
MSVOA_V
ClientSampleId :

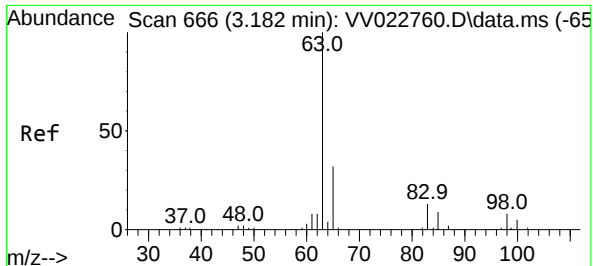
Tgt Ion: 73	Resp: 3851
Ion Ratio	Lower Upper
73 100	
43 23.9	17.1 25.7
57 24.1	17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 0.260 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.013 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

Tgt Ion: 96	Resp: 2153
Ion Ratio	Lower Upper
96 100	
61 119.3	94.5 175.5
98 63.6	44.2 82.0





#19

1,1-Dichloroethane

Concen: 0.253 ug/L

RT: 3.191 min Scan# 669

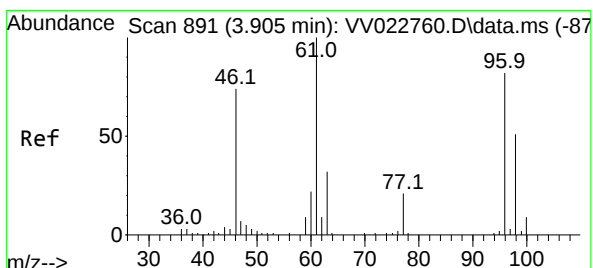
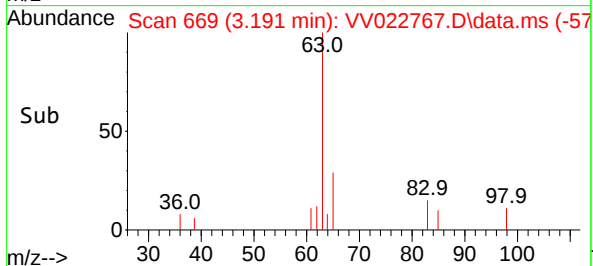
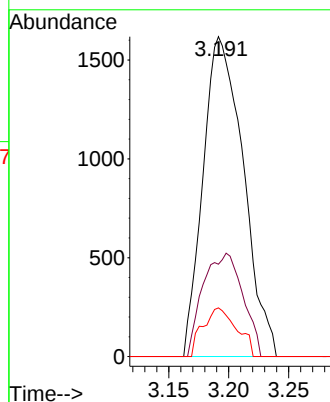
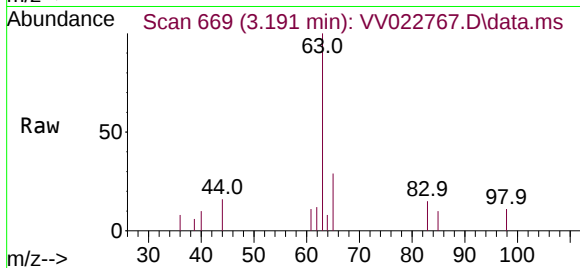
Delta R.T. 0.010 min

Lab File: VV022767.D

Acq: 13 Oct 2021 17:26

Tgt Ion:	63	Resp:	3764
Ion	Ratio	Lower	Upper
63	100		
65	28.9	23.5	43.7
83	15.2	10.1	18.7

Instrument :
MSVOA_V
ClientSampled :



#22

cis-1,2-Dichloroethene

Concen: 0.218 ug/L

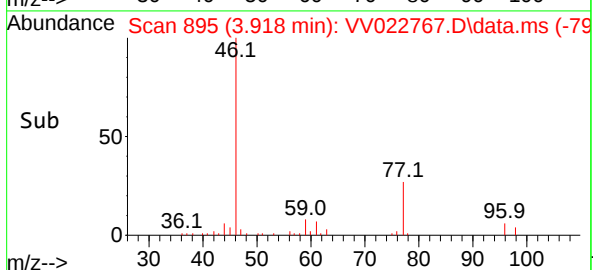
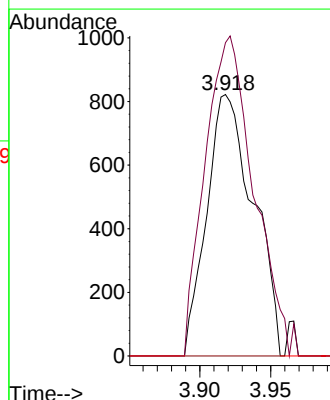
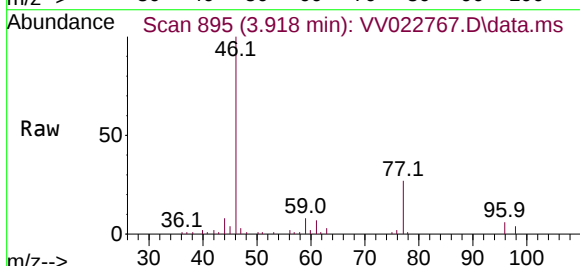
RT: 3.918 min Scan# 895

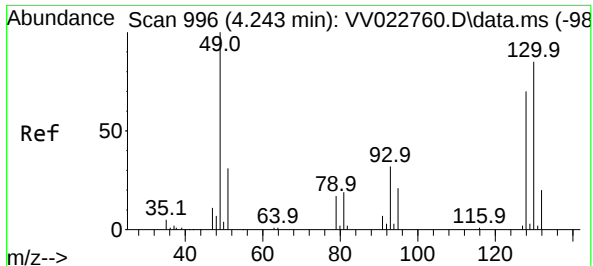
Delta R.T. 0.013 min

Lab File: VV022767.D

Acq: 13 Oct 2021 17:26

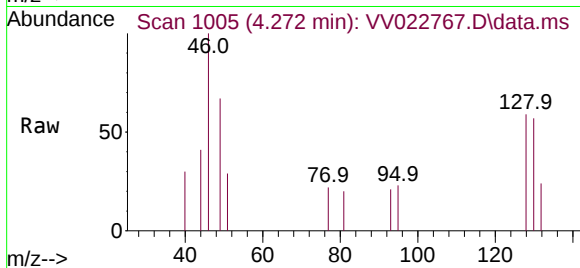
Tgt Ion:	96	Resp:	1889
Ion	Ratio	Lower	Upper
96	100		
61	119.8	86.0	159.6
68	0.0	0.0	0.0



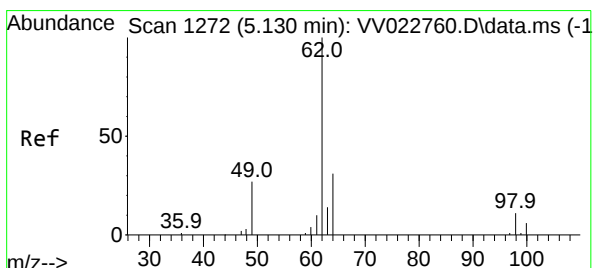
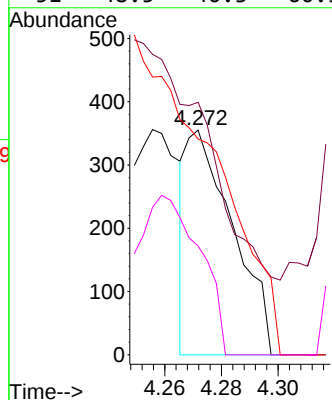
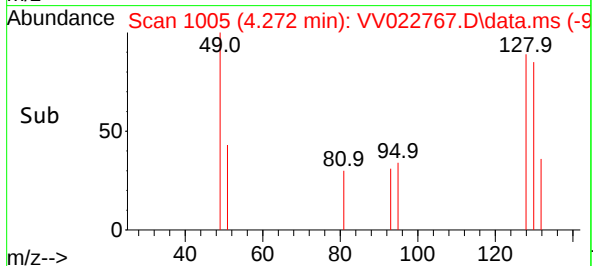


#23
Bromochloromethane
Concen: 0.105 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.029 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

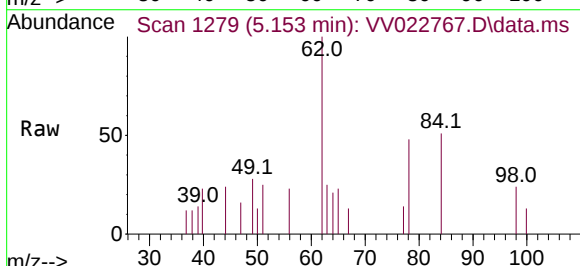
Instrument :
MSVOA_V
ClientSampleId :



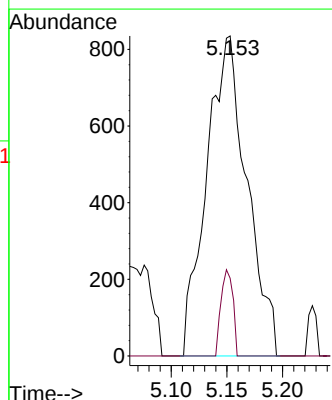
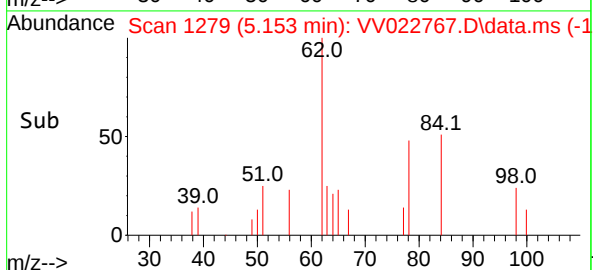
Tgt Ion:128 Resp: 404
Ion Ratio Lower Upper
128 100
49 112.4 106.9 198.5
130 96.1 91.9 170.7
51 48.5 40.3 60.5

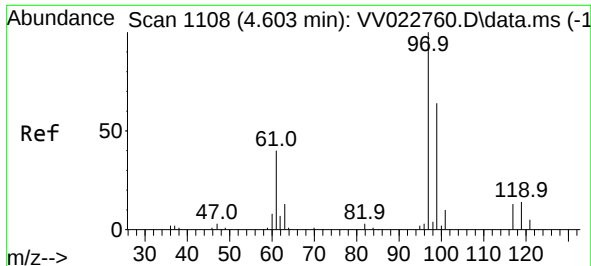


#27
1,2-Dichloroethane
Concen: 0.244 ug/L
RT: 5.153 min Scan# 1279
Delta R.T. 0.022 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26



Tgt Ion: 62 Resp: 2103
Ion Ratio Lower Upper
62 100
98 24.3 9.7 14.5#





#29

1,1,1-Trichloroethane

Concen: 0.247 ug/L

RT: 4.606 min Scan# 1109

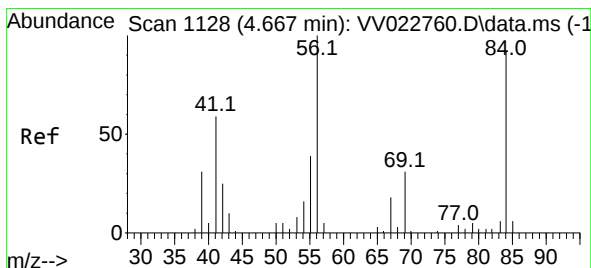
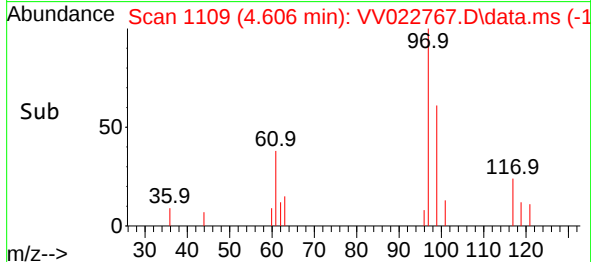
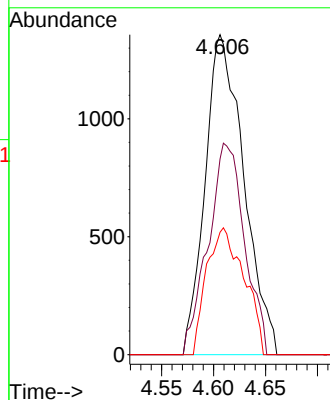
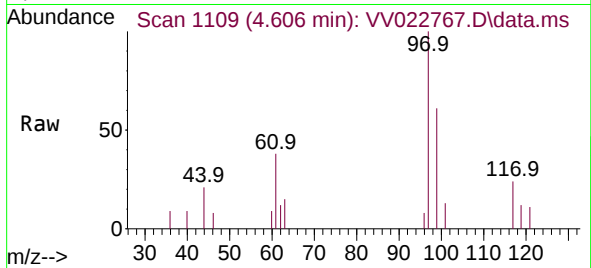
Delta R.T. 0.003 min

Lab File: VV022767.D

Acq: 13 Oct 2021 17:26

Tgt Ion: 97	Resp: 3508
Ion Ratio	Lower Upper
97 100	
99 62.5	51.2 76.8
61 38.3	33.2 49.8

Instrument :
MSVOA_V
ClientSampled :



#30

Cyclohexane

Concen: 0.195 ug/L

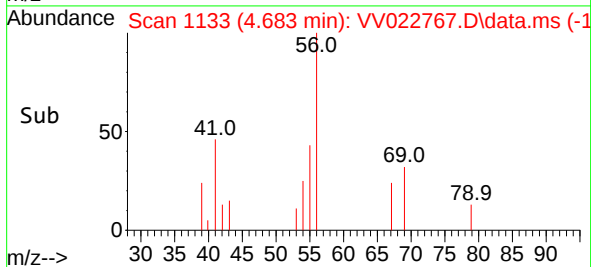
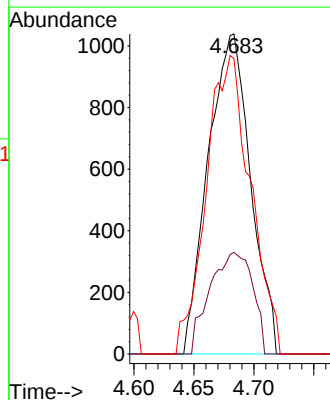
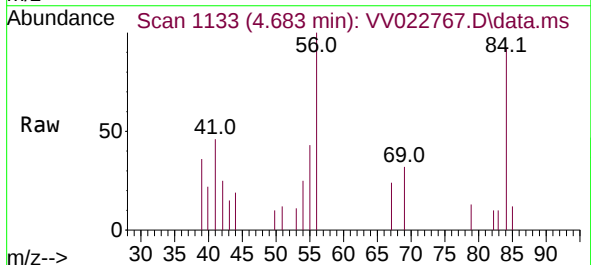
RT: 4.683 min Scan# 1133

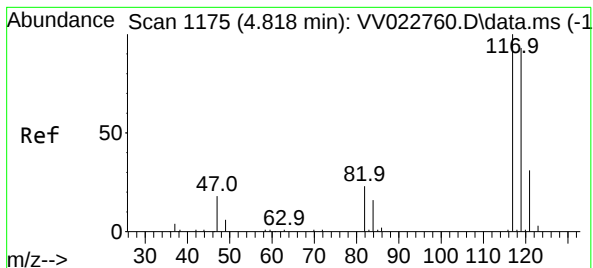
Delta R.T. 0.016 min

Lab File: VV022767.D

Acq: 13 Oct 2021 17:26

Tgt Ion: 56	Resp: 2561
Ion Ratio	Lower Upper
56 100	
69 32.0	24.9 37.3
84 97.1	72.5 108.7

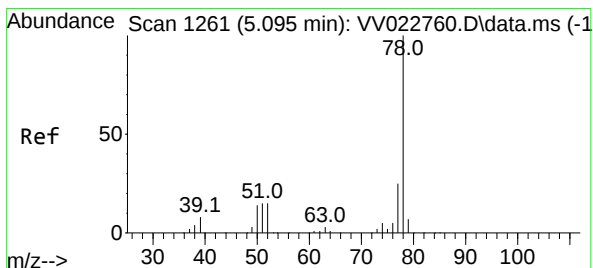
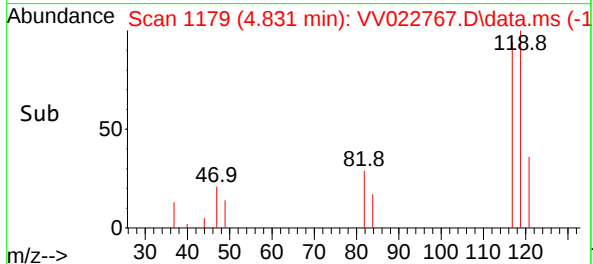
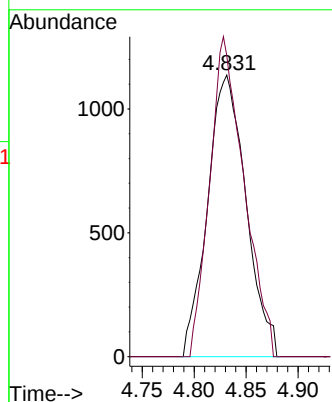
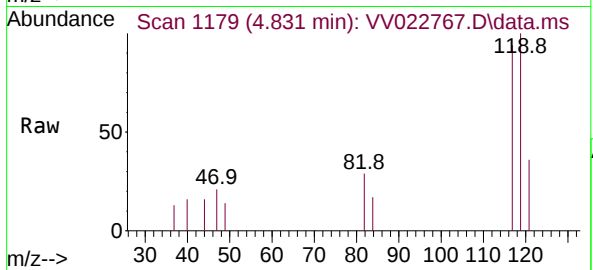




#31
Carbon tetrachloride
Concen: 0.237 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.013 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

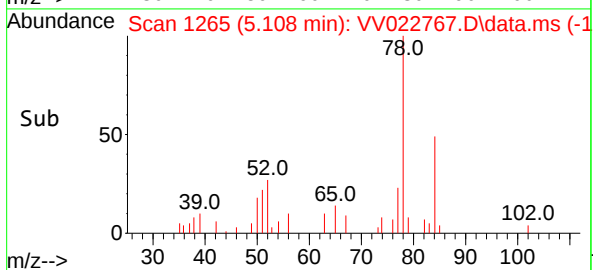
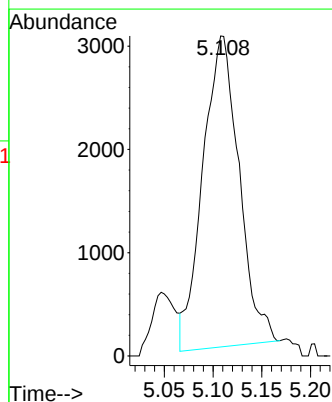
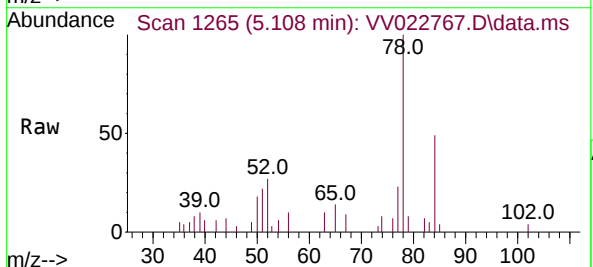
Instrument :
MSVOA_V
ClientSampled :

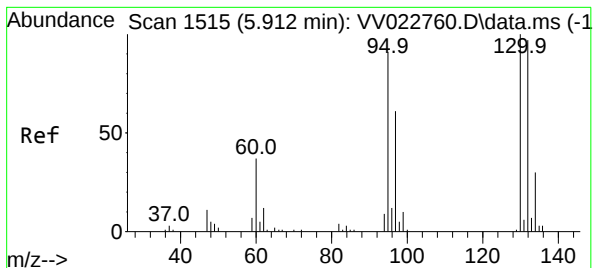
Tgt Ion:117 Resp: 2932
Ion Ratio Lower Upper
117 100
119 101.0 77.4 116.0



#33
Benzene
Concen: 0.232 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.013 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

Tgt Ion: 78 Resp: 7801



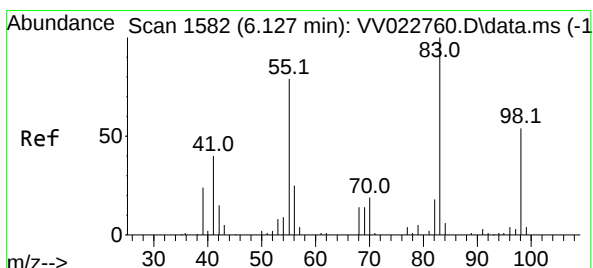
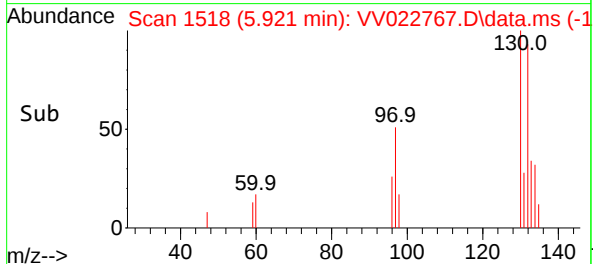
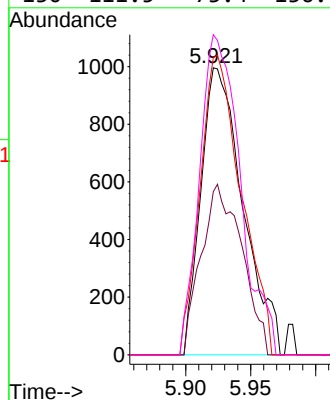
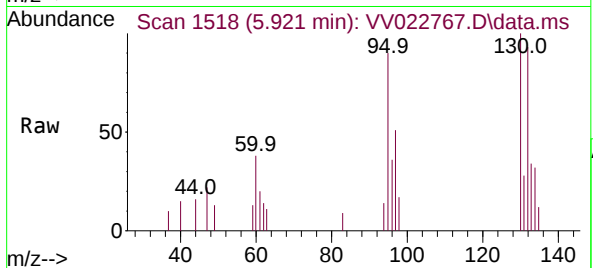


#34
Trichloroethene
Concen: 0.246 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 2241

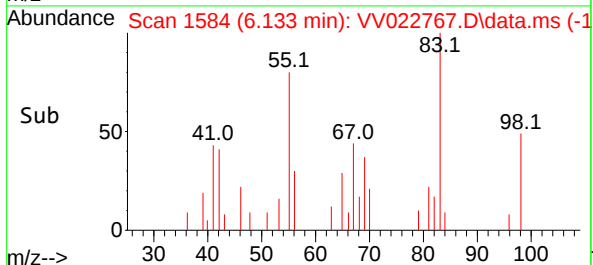
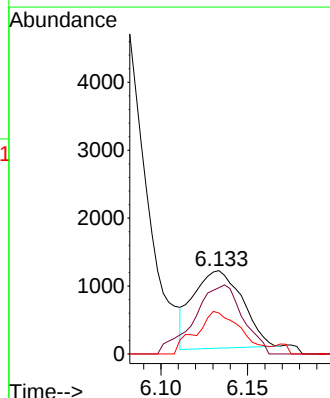
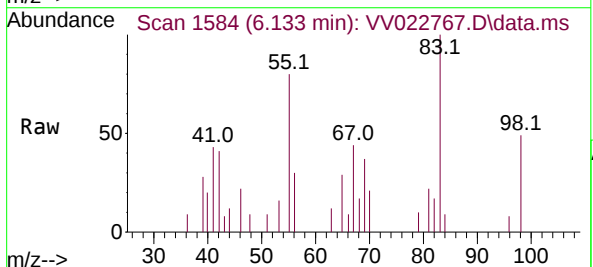
Ion	Ratio	Lower	Upper
95	100		
97	56.8	45.8	85.2
132	103.5	72.2	134.0
130	111.5	73.4	136.4

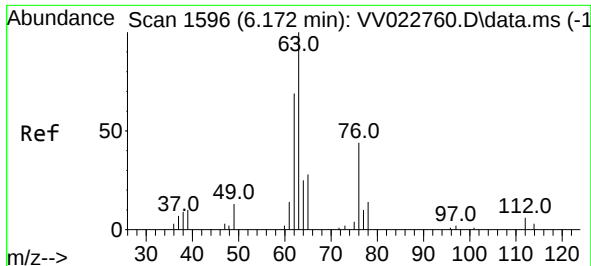


#35
Methylcyclohexane
Concen: 0.176 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

Tgt Ion: 83 Resp: 2251

Ion	Ratio	Lower	Upper
83	100		
55	87.6	63.8	95.6
98	50.2	42.1	63.1





#37

1,2-Dichloropropane

Concen: 0.281 ug/L

RT: 6.182 min Scan# 1599

Delta R.T. 0.010 min

Lab File: VV022767.D

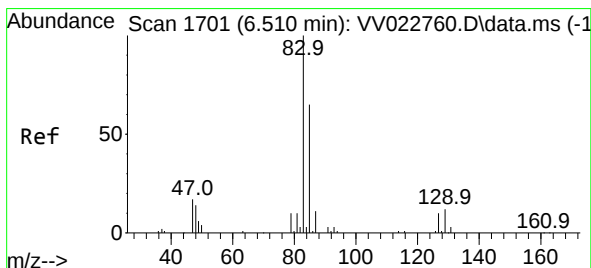
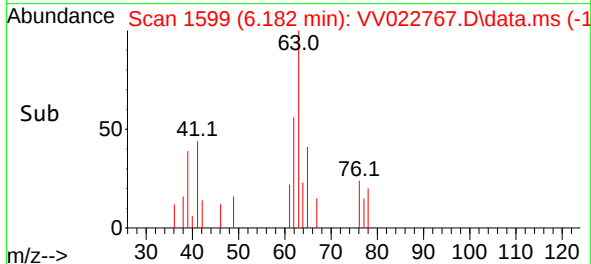
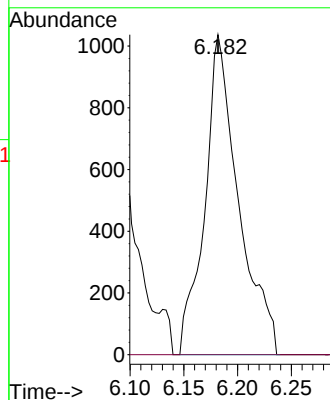
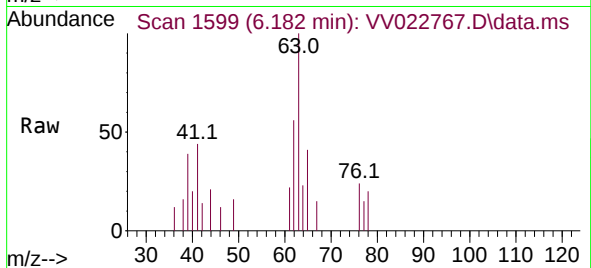
Acq: 13 Oct 2021 17:26

Tgt Ion: 63 Resp: 2266

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#



#38

Bromodichloromethane

Concen: 0.231 ug/L

RT: 6.519 min Scan# 1704

Delta R.T. 0.010 min

Lab File: VV022767.D

Acq: 13 Oct 2021 17:26

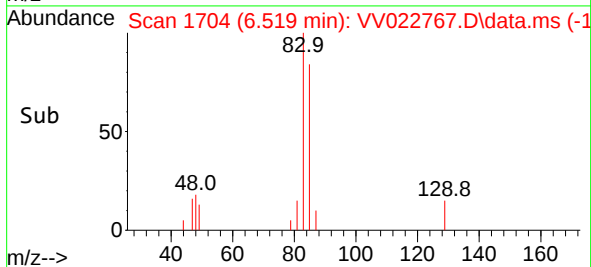
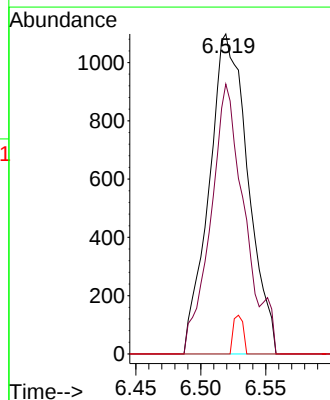
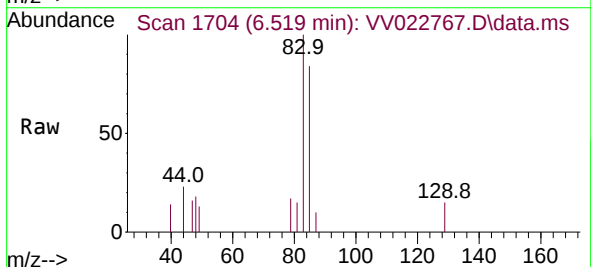
Tgt Ion: 83 Resp: 2293

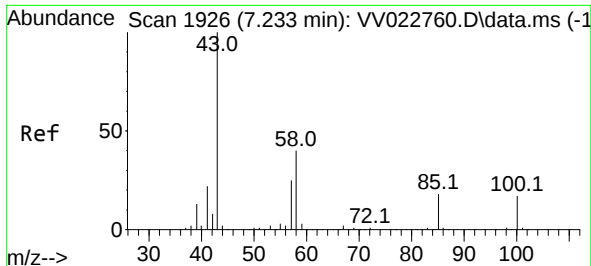
Ion Ratio Lower Upper

83 100

85 84.3 44.3 82.3#

127 0.0 7.7 11.5#

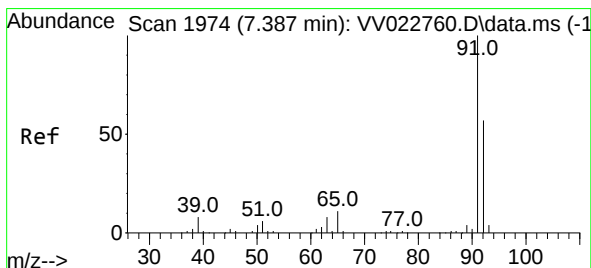
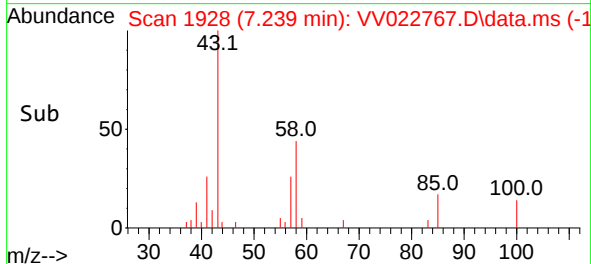
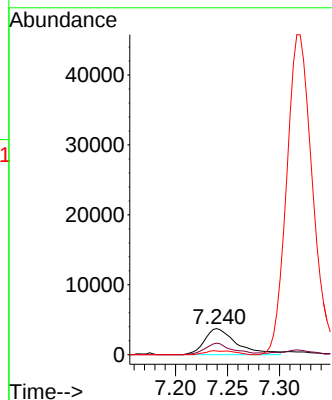
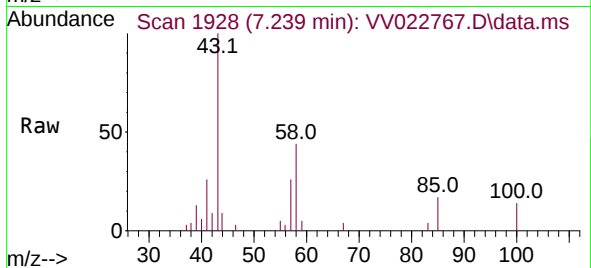




#40
4-Methyl-2-pentanone
Concen: 1.860 ug/L
RT: 7.239 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

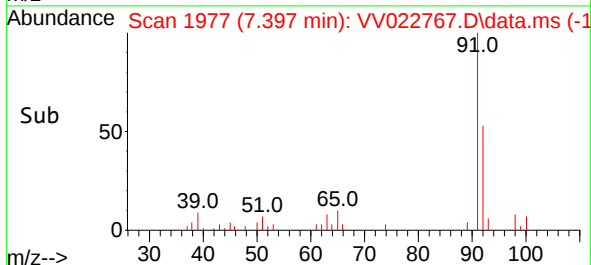
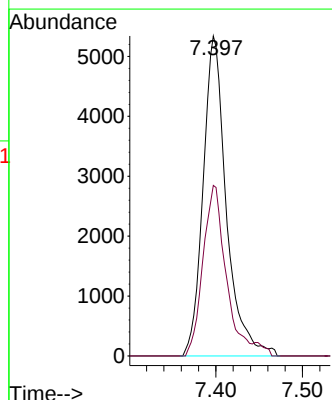
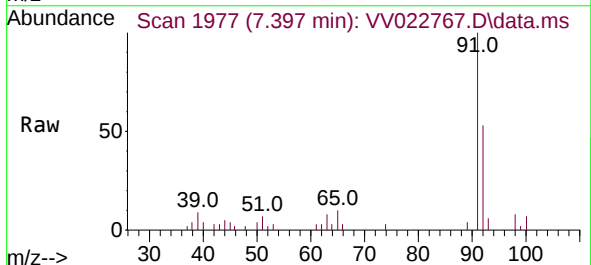
Instrument :
MSVOA_V
ClientSampled :

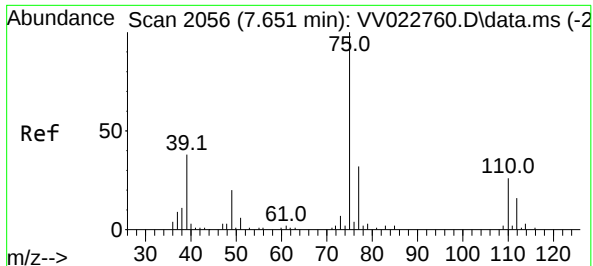
Tgt Ion: 43 Resp: 8067
Ion Ratio Lower Upper
43 100
58 38.9 32.0 48.0
100 0.0 14.2 21.2#



#42
Toluene
Concen: 0.292 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

Tgt Ion: 91 Resp: 9960
Ion Ratio Lower Upper
91 100
92 53.3 40.7 75.7

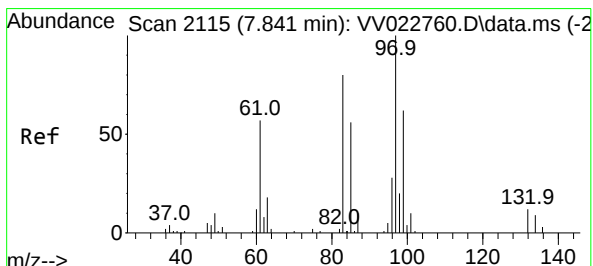
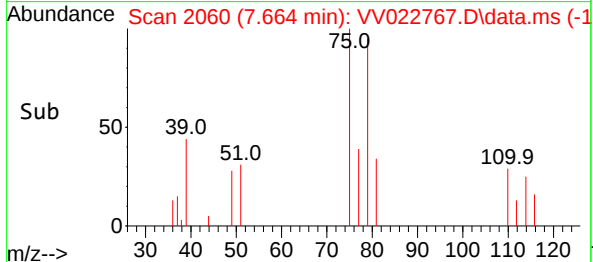
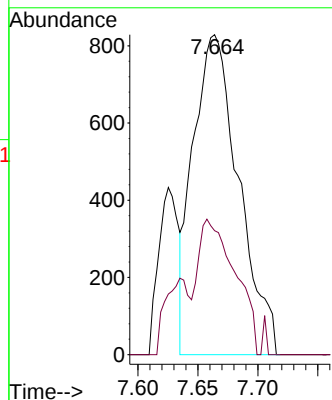
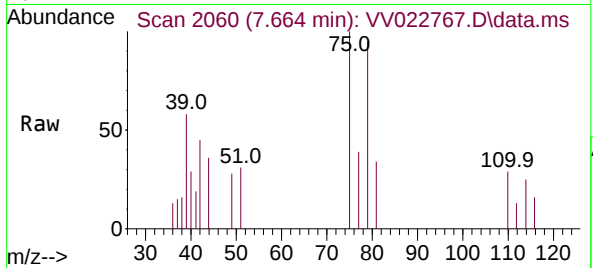




#44
trans-1,3-Dichloropropene
Concen: 0.252 ug/L
RT: 7.664 min Scan# 2060
Delta R.T. 0.013 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

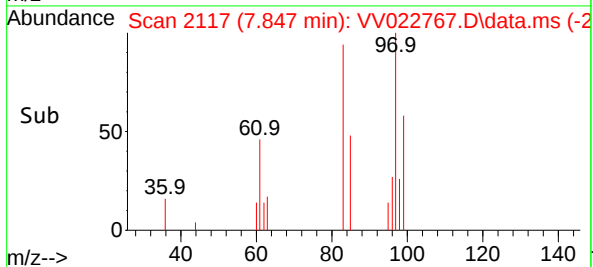
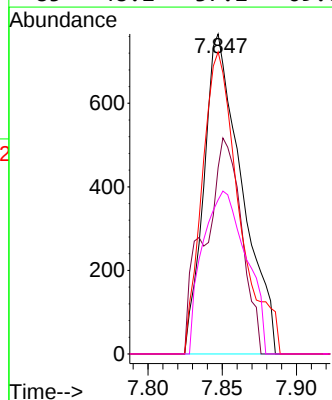
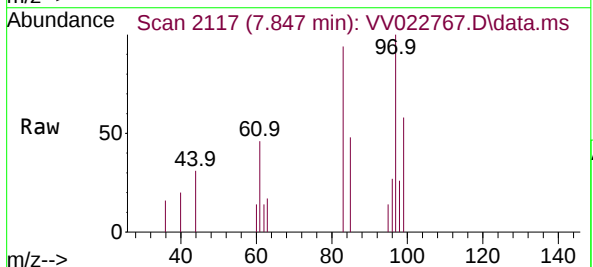
Instrument :
MSVOA_V
ClientSampled :

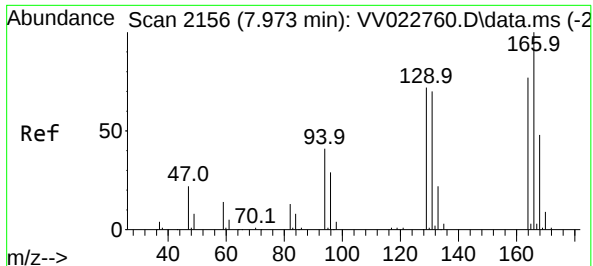
Tgt Ion: 75 Resp: 2194
Ion Ratio Lower Upper
75 100
77 38.7 23.9 44.5



#45
1,1,2-Trichloroethane
Concen: 0.227 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

Tgt Ion: 97 Resp: 1360
Ion Ratio Lower Upper
97 100
99 58.2 44.5 82.7
83 94.4 56.6 105.0
85 48.2 37.2 69.0





#47

Tetrachloroethene

Concen: 0.234 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV022767.D

Acq: 13 Oct 2021 17:26

Tgt Ion:164 Resp: 1729

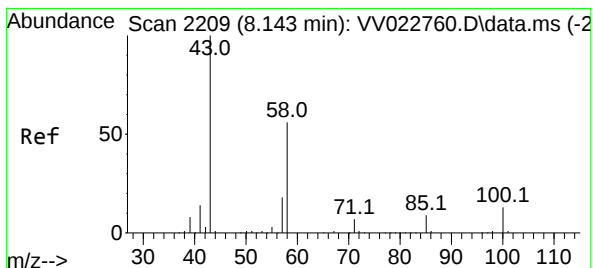
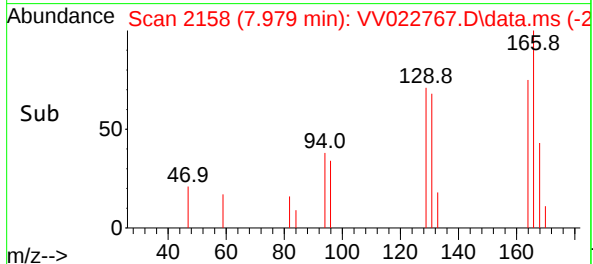
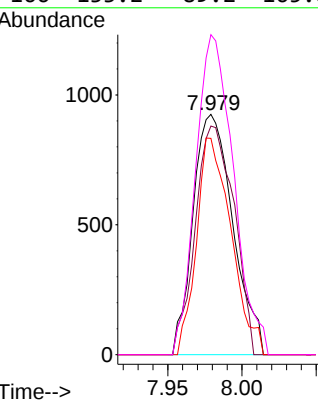
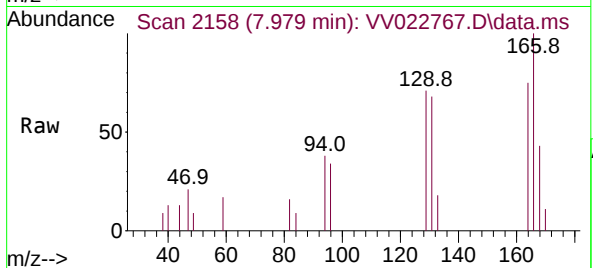
Ion Ratio Lower Upper

164 100

129 95.1 65.0 120.6

131 90.1 62.2 115.4

166 133.2 89.2 165.8



#48

2-Hexanone

Concen: 2.397 ug/L

RT: 8.156 min Scan# 2213

Delta R.T. 0.013 min

Lab File: VV022767.D

Acq: 13 Oct 2021 17:26

Tgt Ion: 43 Resp: 7601

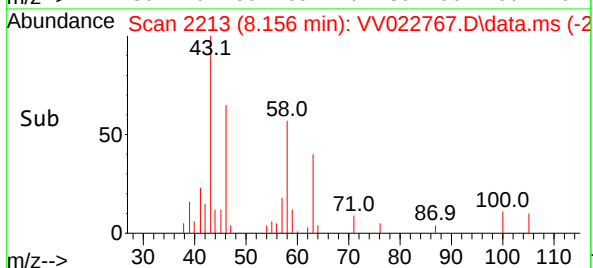
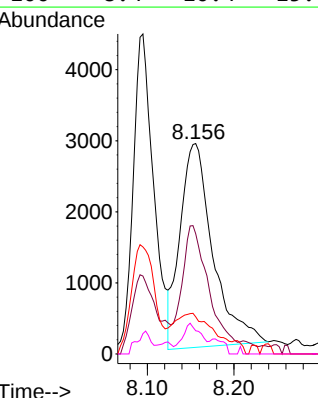
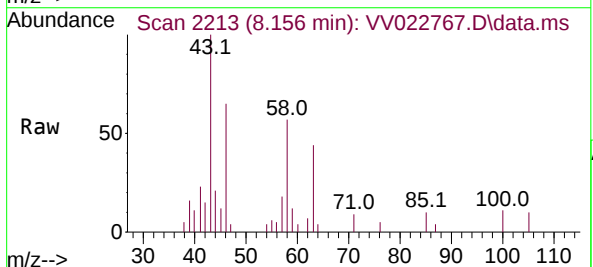
Ion Ratio Lower Upper

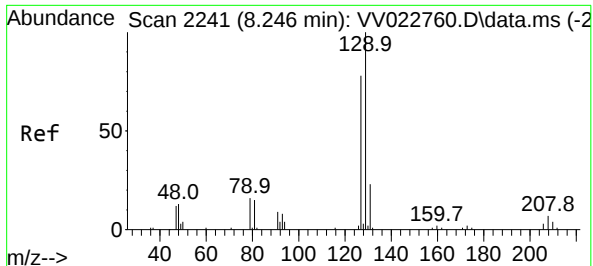
43 100

58 45.1 47.4 71.0#

57 16.1 15.3 22.9

100 8.4 10.4 15.6#





#49

Dibromochloromethane

Concen: 0.232 ug/L

RT: 8.256 min Scan# 2244

Delta R.T. 0.010 min

Lab File: VV022767.D

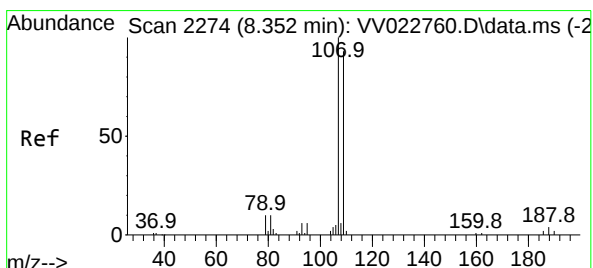
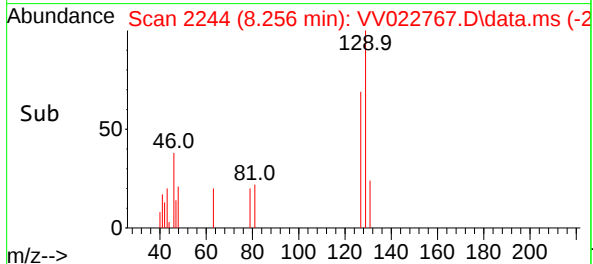
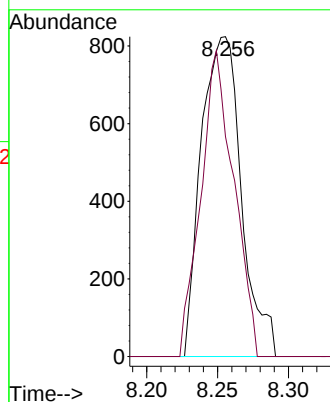
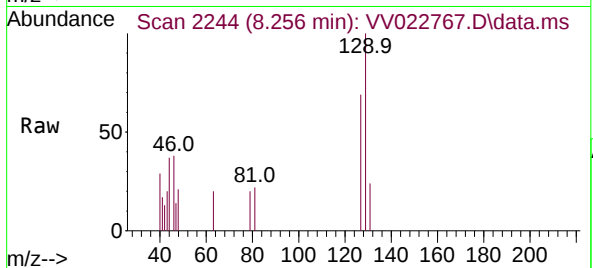
Acq: 13 Oct 2021 17:26

Tgt Ion:129 Resp: 1627

Ion Ratio Lower Upper

129 100

127 68.8 59.1 109.9



#50

1,2-Dibromoethane

Concen: 0.232 ug/L

RT: 8.358 min Scan# 2276

Delta R.T. 0.006 min

Lab File: VV022767.D

Acq: 13 Oct 2021 17:26

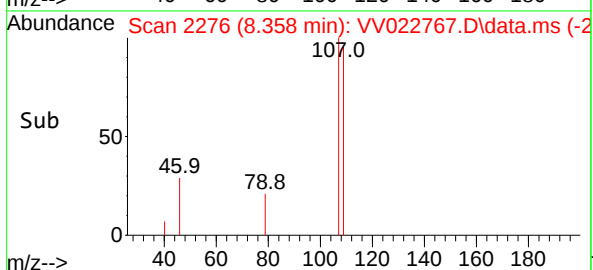
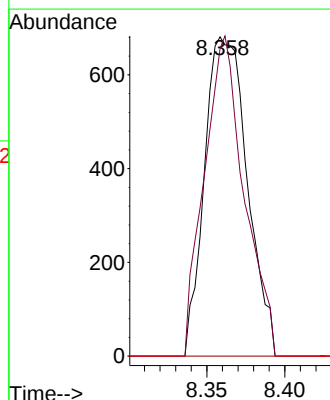
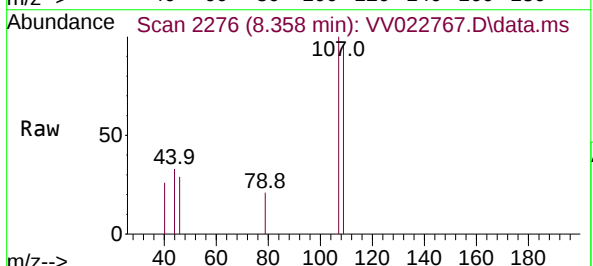
Tgt Ion:107 Resp: 1300

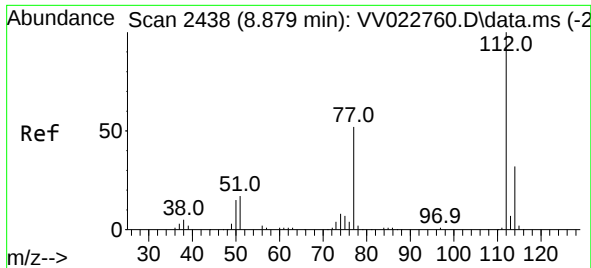
Ion Ratio Lower Upper

107 100

109 96.3 67.1 124.5

188 0.0 3.4 5.0#

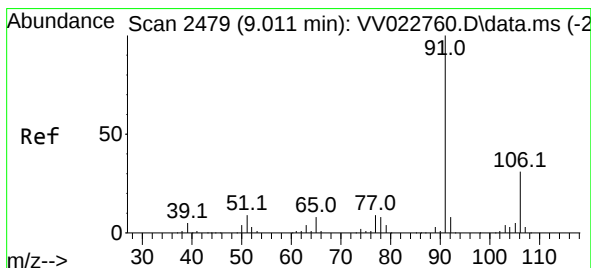
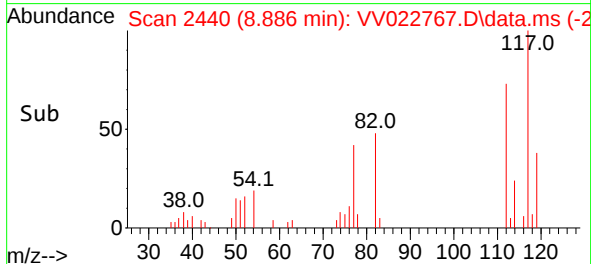
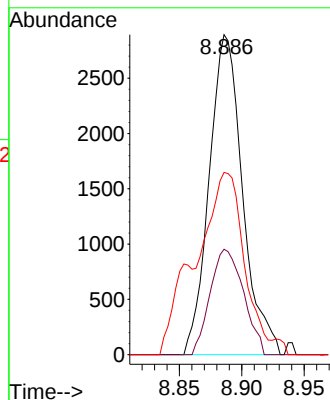
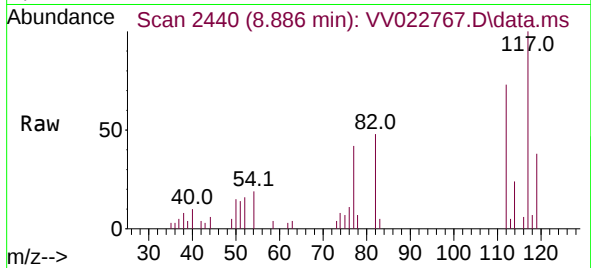




#51
Chlorobenzene
Concen: 0.241 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.006 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

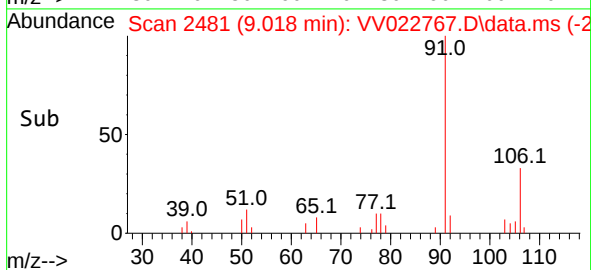
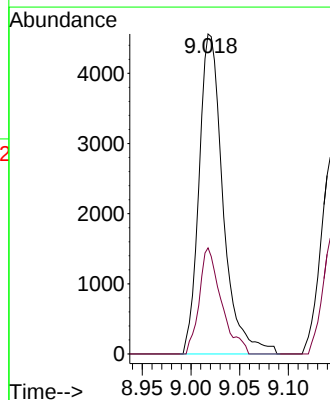
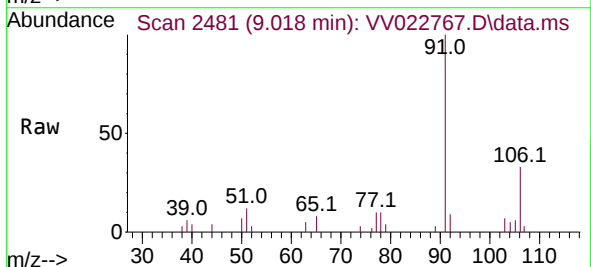
Instrument :
MSVOA_V
ClientSampleId :

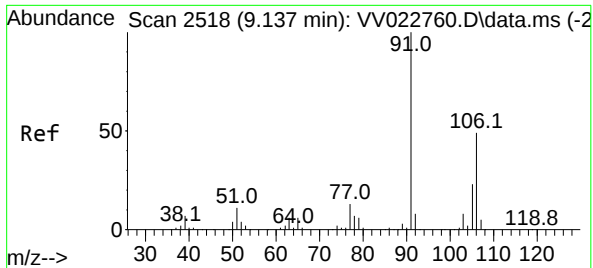
Tgt Ion:	112	Resp:	5395
Ion Ratio	Lower	Upper	
112	100		
114	32.9	21.6	40.2
77	56.9	43.7	65.5



#52
Ethylbenzene
Concen: 0.226 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

Tgt Ion:	91	Resp:	7802
Ion Ratio	Lower	Upper	
91	100		
106	33.1	21.6	40.2

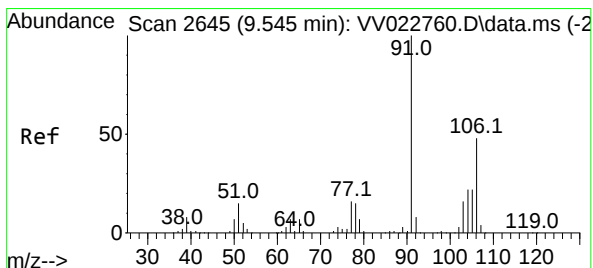
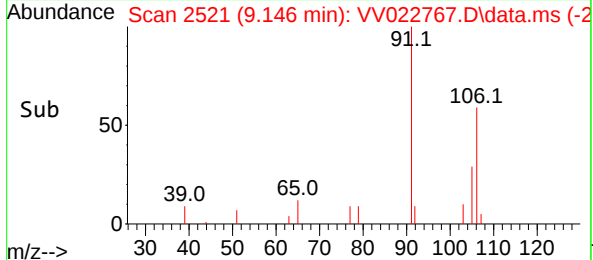
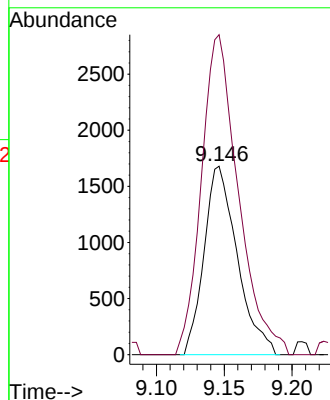
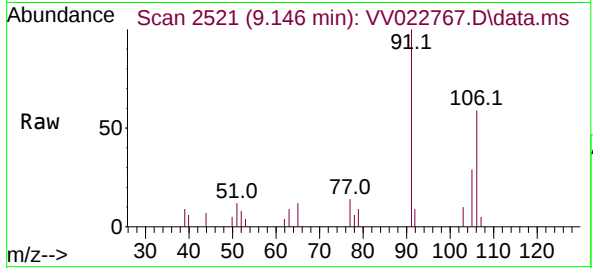




#53
m,p-xylene
Concen: 0.211 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.010 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

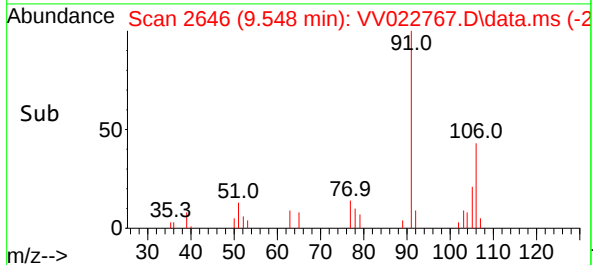
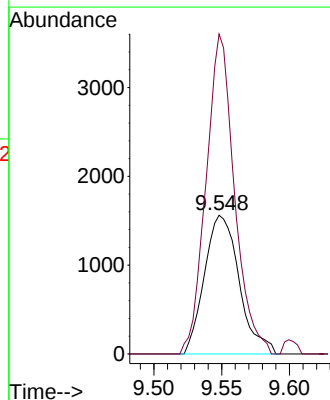
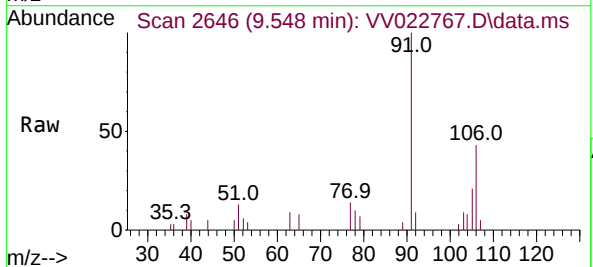
Instrument :
MSVOA_V
ClientSampled :

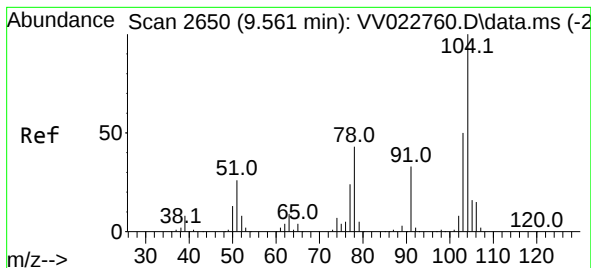
Tgt Ion:106 Resp: 2861
Ion Ratio Lower Upper
106 100
91 169.9 138.7 257.5



#54
o-xylene
Concen: 0.218 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

Tgt Ion:106 Resp: 2784
Ion Ratio Lower Upper
106 100
91 230.7 151.1 280.7





#55

Styrene

Concen: 0.198 ug/L

RT: 9.571 min Scan# 2653

Delta R.T. 0.010 min

Lab File: VV022767.D

Acq: 13 Oct 2021 17:26

Tgt Ion:104 Resp: 4355

Ion Ratio Lower Upper

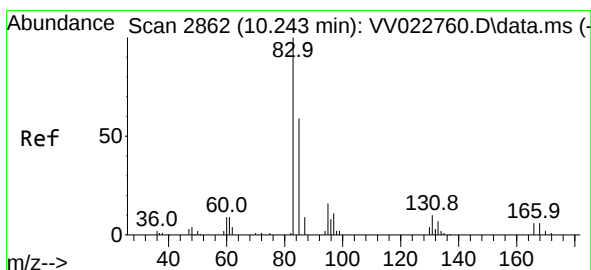
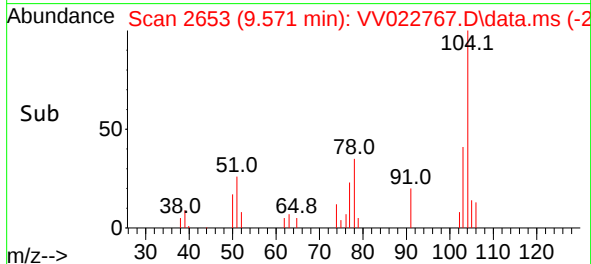
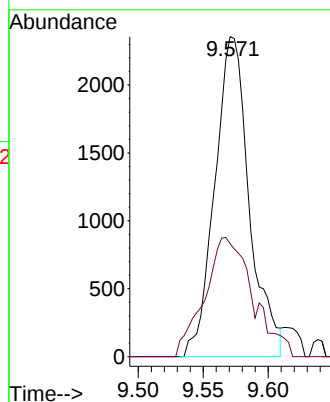
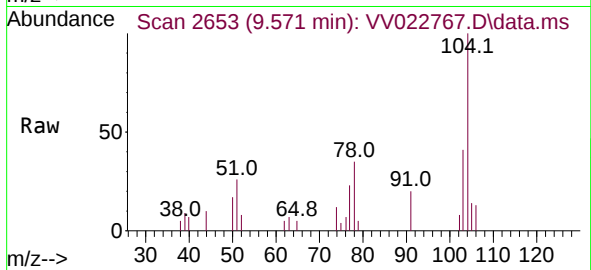
104 100

78 35.3 29.5 54.7

Instrument :

MSVOA_V

ClientSampled :



#57

1,1,2,2-Tetrachloroethane

Concen: 0.253 ug/L

RT: 10.246 min Scan# 2863

Delta R.T. 0.003 min

Lab File: VV022767.D

Acq: 13 Oct 2021 17:26

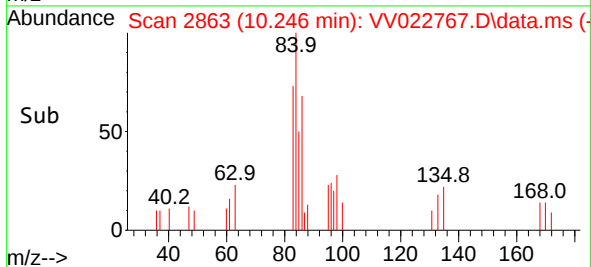
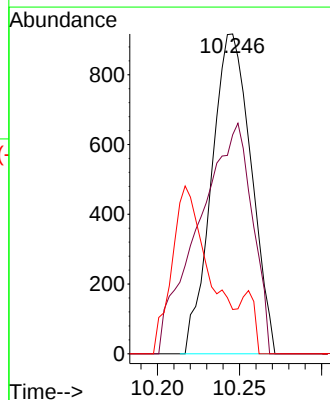
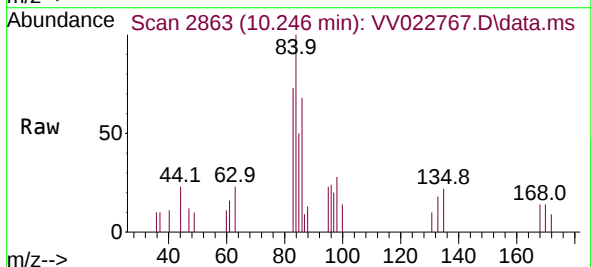
Tgt Ion: 83 Resp: 1536

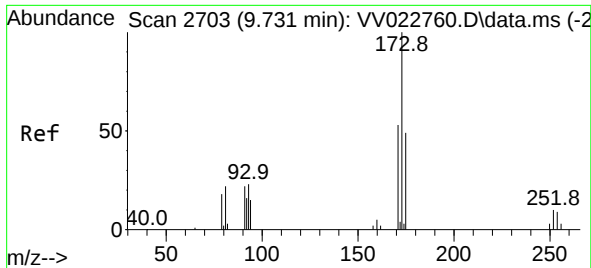
Ion Ratio Lower Upper

83 100

85 68.5 46.0 85.4

131 13.8 8.4 12.6#

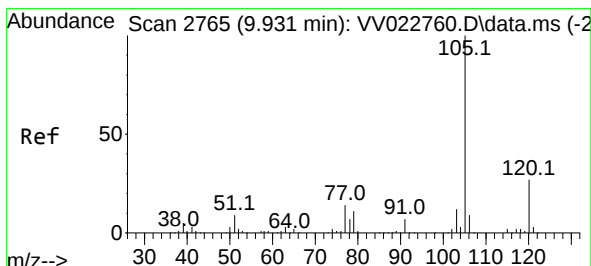
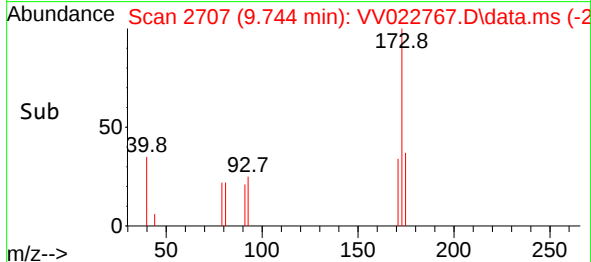
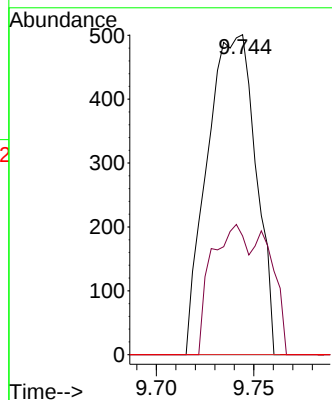
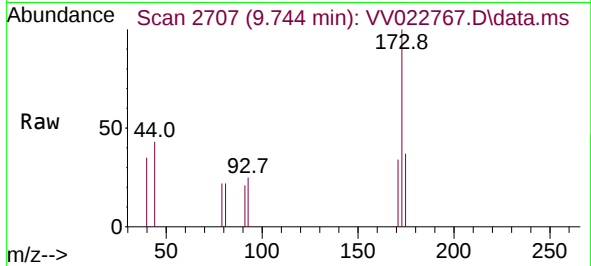




#59
Bromoform
Concen: 0.268 ug/L
RT: 9.744 min Scan# 2707
Delta R.T. 0.013 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

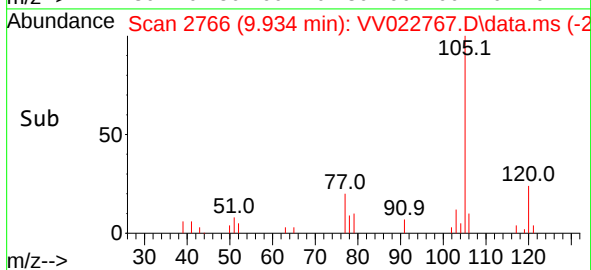
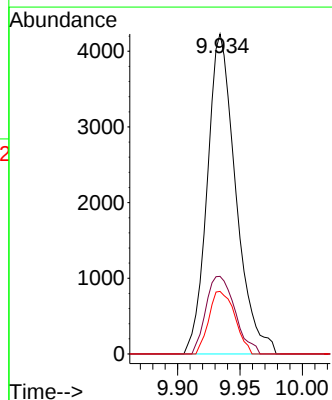
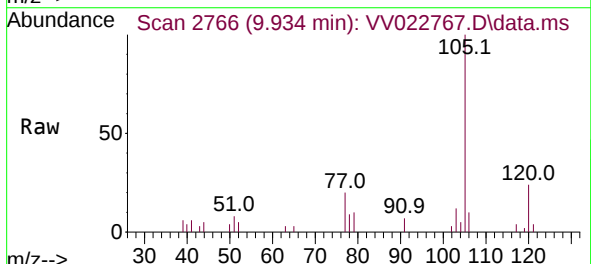
Instrument :
MSVOA_V
ClientSampled :

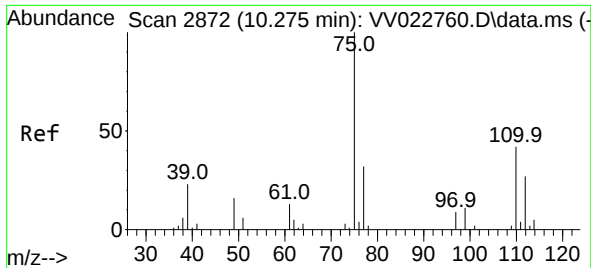
Tgt Ion:173 Resp: 867
Ion Ratio Lower Upper
173 100
175 30.2 38.3 57.5#
254 0.0 7.1 10.7#



#60
Isopropylbenzene
Concen: 0.229 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

Tgt Ion:105 Resp: 6721
Ion Ratio Lower Upper
105 100
120 24.7 21.8 32.8
77 17.8 12.5 18.7

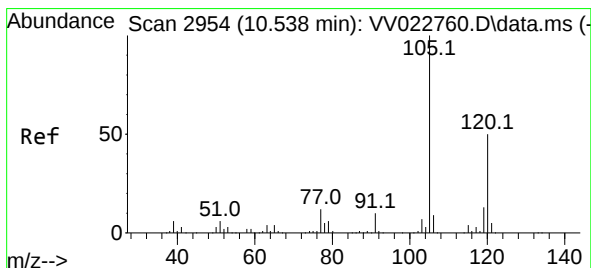
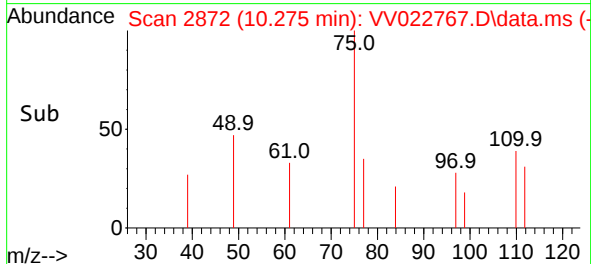
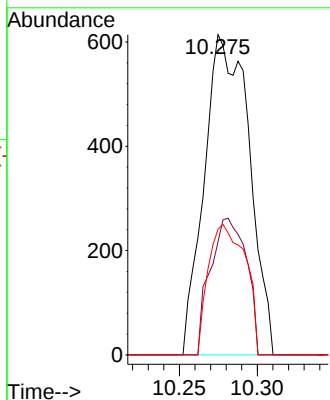
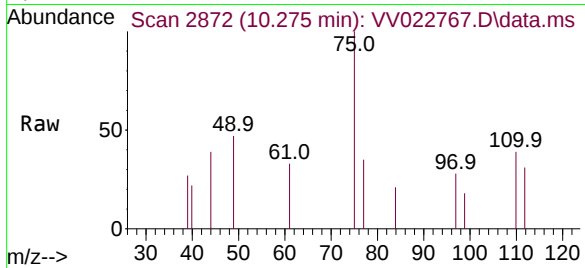




#61
1,2,3-Trichloropropane
Concen: 0.305 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

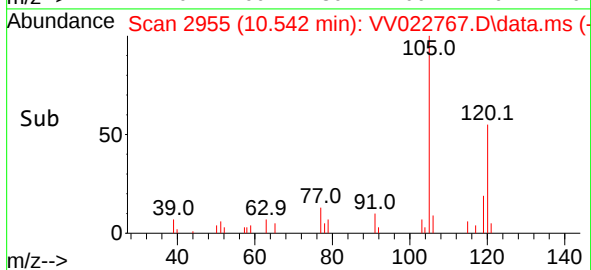
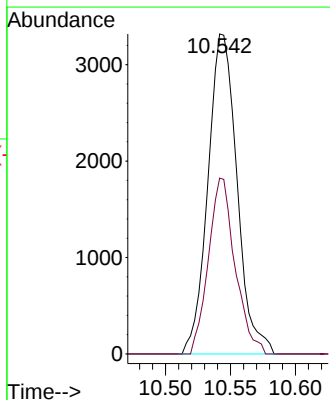
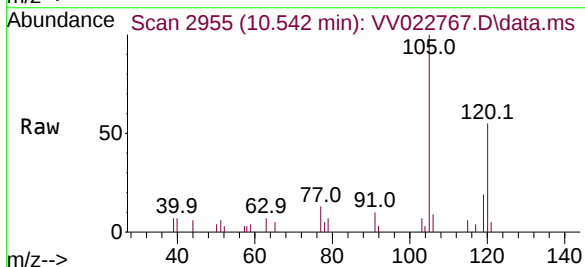
Instrument :
MSVOA_V
ClientSampleId :

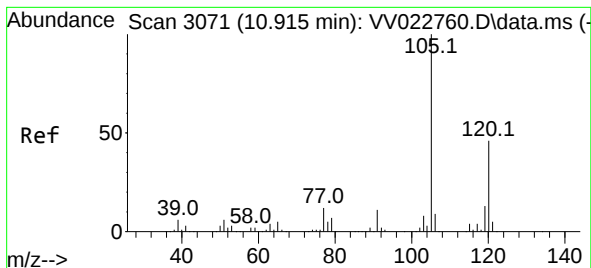
Tgt Ion:	75	Resp:	1224
Ion Ratio	Lower	Upper	
75	100		
77	34.3	25.4	38.2
110	33.7	34.2	51.4#



#62
1,3,5-Trimethylbenzene
Concen: 0.218 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

Tgt Ion:	105	Resp:	5167
Ion Ratio	Lower	Upper	
105	100		
120	50.2	39.4	59.2





#63

1,2,4-Trimethylbenzene

Concen: 0.228 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

Lab File: VV022767.D

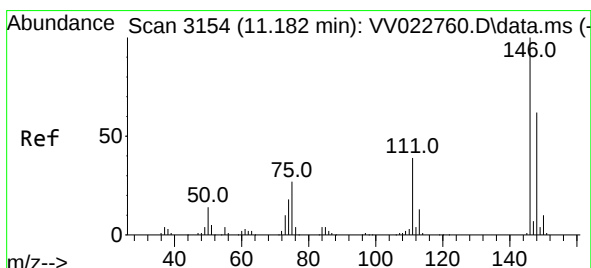
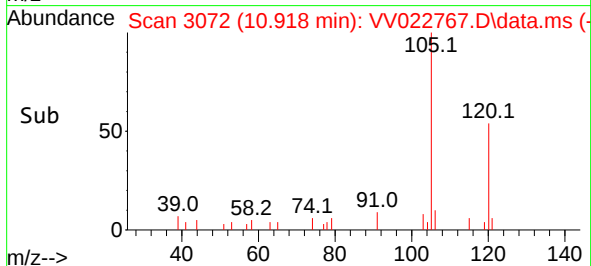
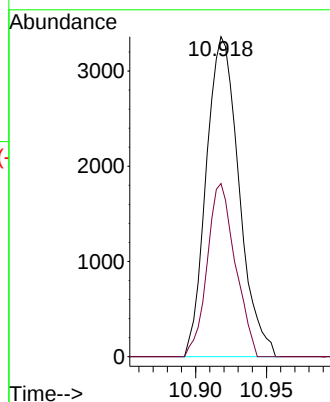
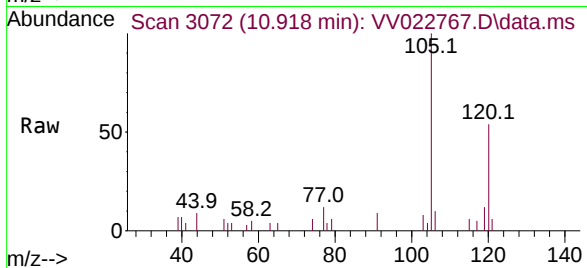
Acq: 13 Oct 2021 17:26

Tgt Ion:105 Resp: 5400

Ion Ratio Lower Upper

105 100

120 46.4 37.3 55.9



#64

1,3-Dichlorobenzene

Concen: 0.242 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.006 min

Lab File: VV022767.D

Acq: 13 Oct 2021 17:26

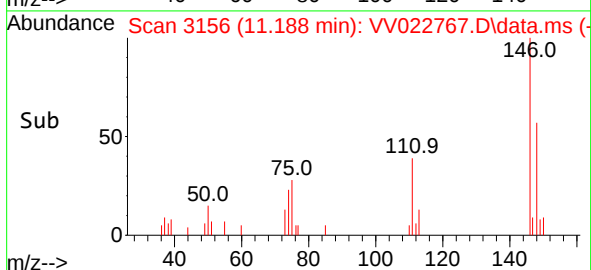
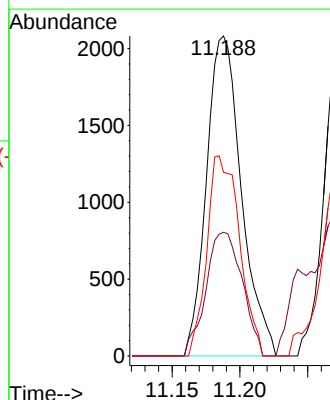
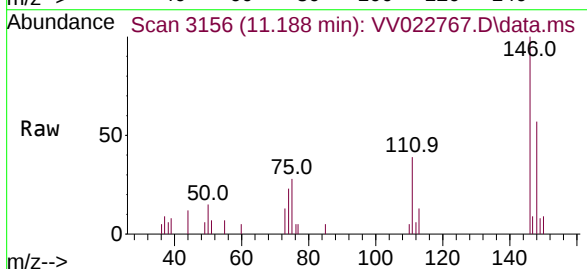
Tgt Ion:146 Resp: 3727

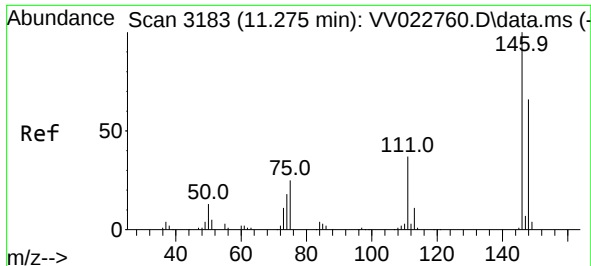
Ion Ratio Lower Upper

146 100

111 38.7 26.7 49.5

148 57.4 45.1 83.9

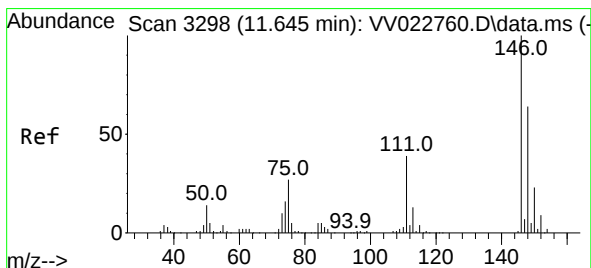
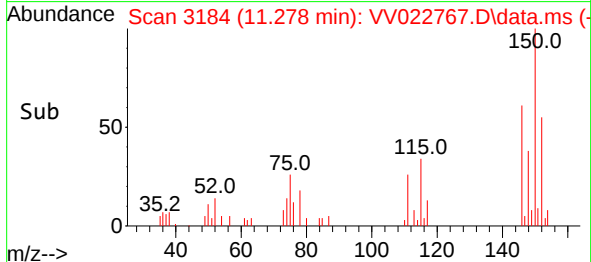
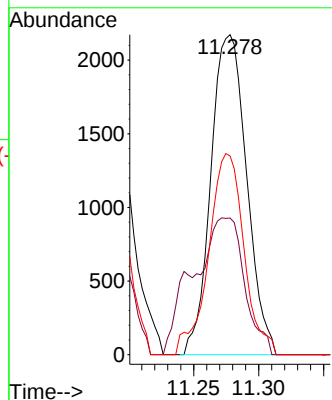
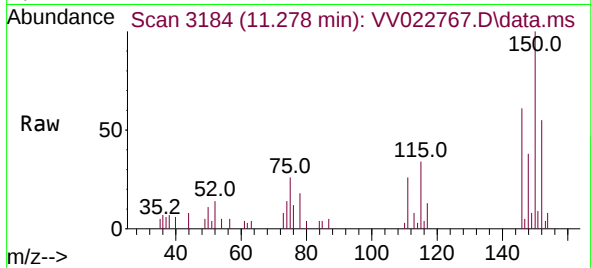




#65
1,4-Dichlorobenzene
Concen: 0.266 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

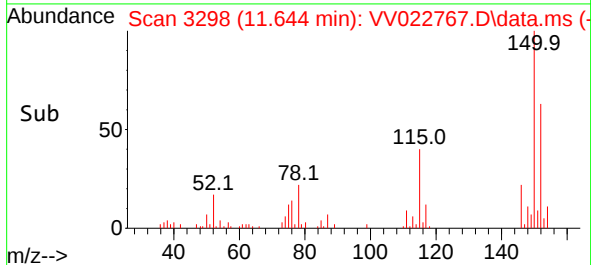
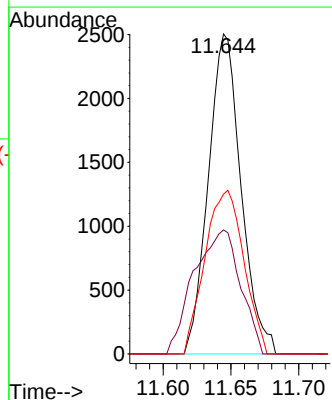
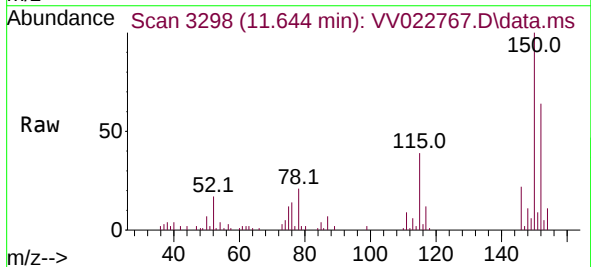
Instrument :
MSVOA_V
ClientSampleId :

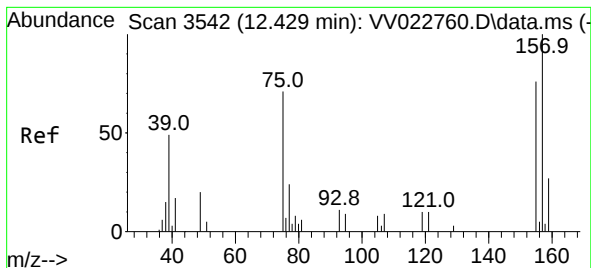
Tgt Ion:146 Resp: 4156
Ion Ratio Lower Upper
146 100
111 42.7 25.6 47.4
148 62.1 44.9 83.5



#67
1,2-Dichlorobenzene
Concen: 0.291 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

Tgt Ion:146 Resp: 4204
Ion Ratio Lower Upper
146 100
111 38.8 32.3 48.5
148 49.9 52.1 78.1#

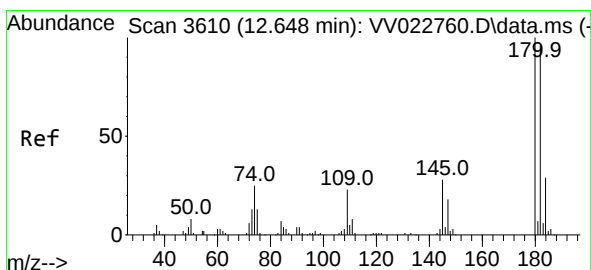
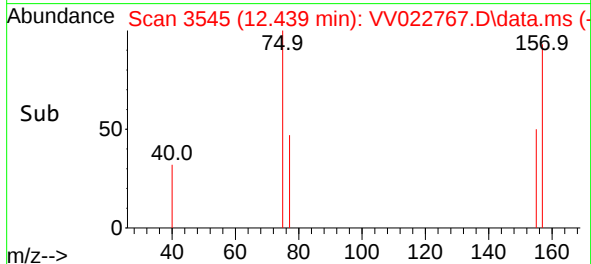
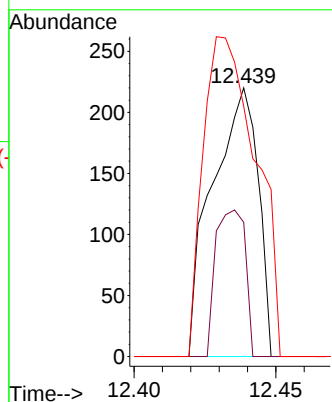
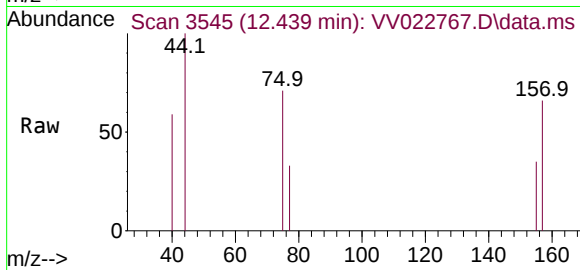




#68
1,2-Dibromo-3-chloropropane
Concen: 0.337 ug/L
RT: 12.439 min Scan# 3545
Delta R.T. 0.010 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

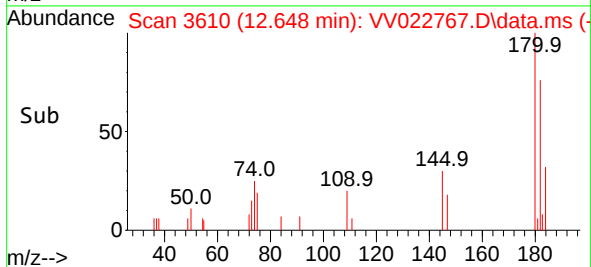
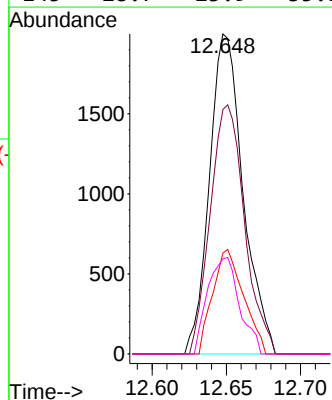
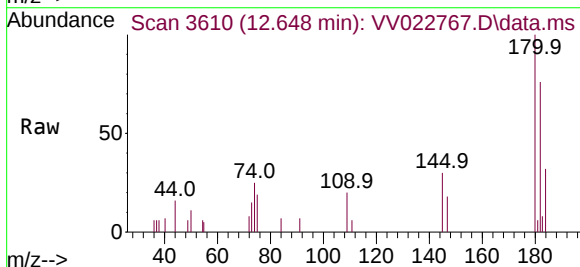
Instrument :
MSVOA_V
ClientSampleId :

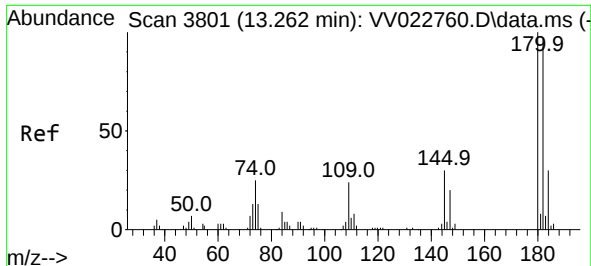
Tgt Ion: 75 Resp: 246
Ion Ratio Lower Upper
75 100
155 50.0 82.4 123.6#
157 93.2 114.1 171.1#



#69
1,3,5-Trichlorobenzene
Concen: 0.272 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

Tgt Ion:180 Resp: 3149
Ion Ratio Lower Upper
180 100
182 79.4 77.0 115.6
184 30.0 24.5 36.7
145 28.7 23.9 35.9

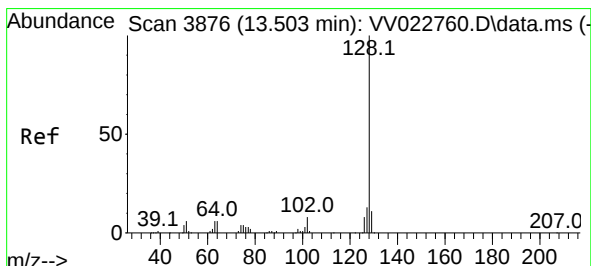
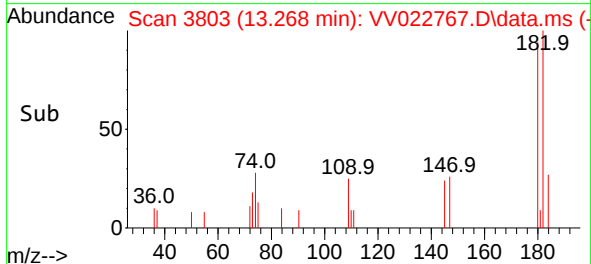
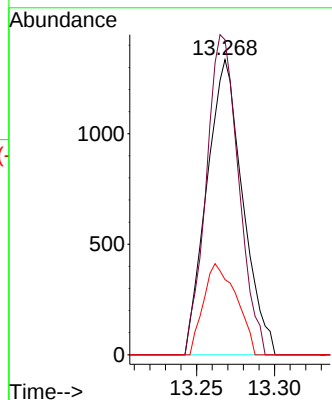
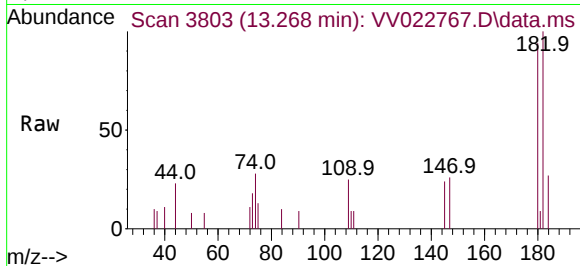




#70
1,2,4-trichlorobenzene
Concen: 0.241 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.006 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

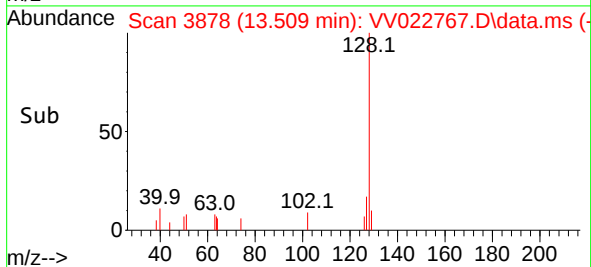
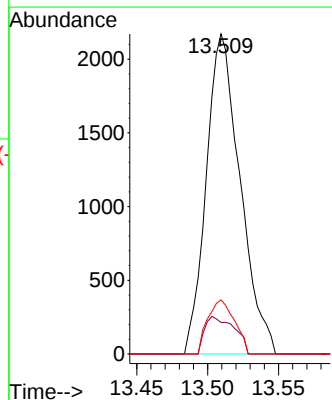
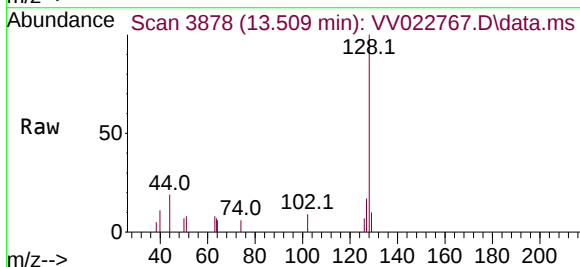
Instrument :
MSVOA_V
ClientSampleId :

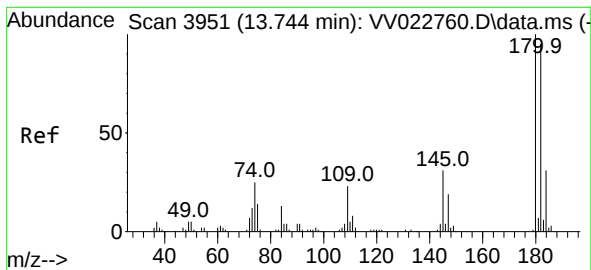
Tgt Ion:180 Resp: 2137
Ion Ratio Lower Upper
180 100
182 97.8 76.0 114.0
145 28.3 24.1 36.1



#71
Naphthalene
Concen: 0.256 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV022767.D
Acq: 13 Oct 2021 17:26

Tgt Ion:128 Resp: 3606
Ion Ratio Lower Upper
128 100
129 10.3 9.3 13.9
127 13.4 10.8 16.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.264 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.003 min
 Lab File: VV022767.D
 Acq: 13 Oct 2021 17:26

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:180 Resp: 2208

Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.5	113.3
145	27.7	24.7	37.1

