

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081621\
 Data File : VW021779.D
 Acq On : 16 Aug 2021 09:30
 Operator : SY/MD
 Sample : VSTD00538
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 17 03:50:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 17 03:48:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	163410	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	150943	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	72638	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	10982	8.301	ug/L	0.00
7) Chloroethane-d5	1.564	69	8306	8.488	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	17070	7.168	ug/L	0.00
21) 2-Butanone-d5	3.902	46	8662	12.863	ug/L	0.03
24) Chloroform-d	4.352	84	17210	7.349	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	10120	6.960	ug/L	0.00
32) Benzene-d6	5.053	84	36233	8.955	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	11726	9.582	ug/L	0.00
41) Toluene-d8	7.320	98	32780	8.489	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	5062	7.752	ug/L	0.00
47) 2-Hexanone-d5	8.101	63	4497	9.751	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.220	84	10918	6.135	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	12048	8.400	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	9109	5.737	ug/L	93
3) Chloromethane	1.243	50	9320	6.584	ug/L	96
5) Vinyl chloride	1.310	62	9024	6.293	ug/L	97
6) Bromomethane	1.516	94	6135	6.353	ug/L	95
8) Chloroethane	1.581	64	5695	6.652	ug/L	95
9) Trichlorofluoromethane	1.751	101	11703	4.797	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	7003	5.629	ug/L	98
12) 1,1-Dichloroethene	2.114	96	6407	5.634	ug/L #	68
13) Acetone	2.159	43	12023	18.596	ug/L #	100
14) Carbon disulfide	2.291	76	22893	6.980	ug/L	98
15) Methyl Acetate	2.433	43	8000	7.400	ug/L	92
16) Methylene chloride	2.503	84	9401	7.509	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	7696	6.725	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	22674	6.449	ug/L	98
19) 1,1-Dichloroethane	3.188	63	14103	6.839	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	8243	6.698	ug/L	99
22) 2-Butanone	3.982	43	4580	5.910	ug/L #	61
23) Bromochloromethane	4.252	128	4345	6.234	ug/L	95
25) Chloroform	4.378	83	13939	6.125	ug/L	95
27) 1,2-Dichloroethane	5.137	62	9639	5.422	ug/L	97
29) Cyclohexane	4.677	56	12161	7.549	ug/L #	88
30) 1,1,1-Trichloroethane	4.609	97	12707	6.311	ug/L #	86
31) Carbon tetrachloride	4.825	117	10168	5.552	ug/L	99
33) Benzene	5.101	78	29294	6.736	ug/L	100
34) Trichloroethene	5.918	95	9435	7.841	ug/L	98
35) Methylcyclohexane	6.127	83	12415	6.919	ug/L	97
37) 1,2-Dichloropropane	6.178	63	7528	7.042	ug/L #	97
38) Bromodichloromethane	6.513	83	9864	6.111	ug/L	95
39) cis-1,3-Dichloropropene	7.034	75	10624	6.180	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	17940	13.483	ug/L	98
42) Toluene	7.394	91	30811	6.536	ug/L	97
44) trans-1,3-Dichloropropene	7.657	75	10207	5.806	ug/L	96

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

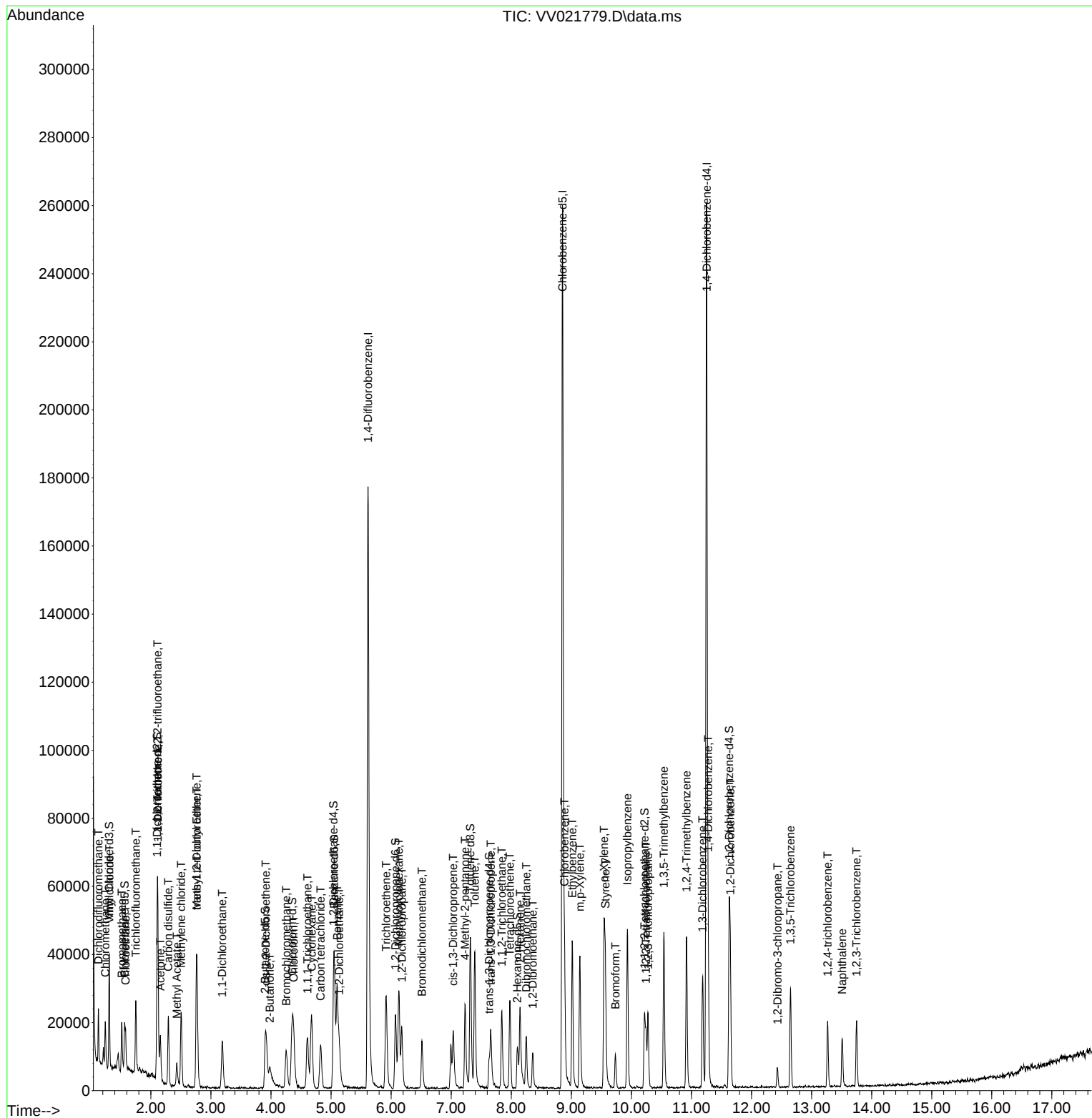
45) 1,1,2-Trichloroethane	7.844	97	7797	6.789	ug/L	98
46) Tetrachloroethene	7.979	164	6208	5.955	ug/L	87
48) 2-Hexanone	8.146	43	15242	14.651	ug/L	96
49) Dibromochloromethane	8.249	129	7587	5.498	ug/L	93
50) 1,2-Dibromoethane	8.358	107	7616	6.146	ug/L #	93
51) Chlorobenzene	8.886	112	19951	6.179	ug/L	97
52) Ethylbenzene	9.018	91	32129	6.205	ug/L	97
53) m,p-Xylene	9.143	106	11786	5.975	ug/L	100
54) o-Xylene	9.545	106	12227	6.279	ug/L	97
55) Styrene	9.567	104	17634	5.377	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	7913	4.431	ug/L #	96
59) Bromoform	9.735	173	4801	5.298	ug/L	97
60) Isopropylbenzene	9.934	105	31884	7.113	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	8812	6.980	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	25563	6.743	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	25085	6.606	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	14821	6.676	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	15551	6.836	ug/L	96
67) 1,2-Dichlorobenzene	11.648	146	15529	6.778	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	1571	4.303	ug/L	87
69) 1,3,5-Trichlorobenzene	12.648	180	9808	5.748	ug/L	97
70) 1,2,4-trichlorobenzene	13.268	180	6279	4.469	ug/L	97
71) Naphthalene	13.509	128	12284	3.132	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	6135	4.333	ug/L	96

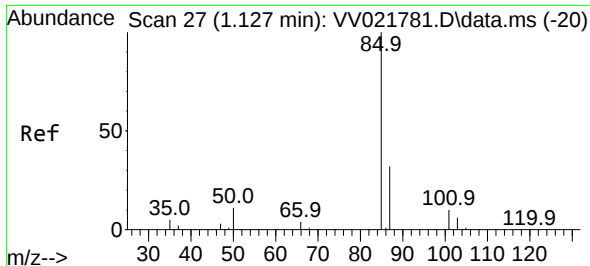
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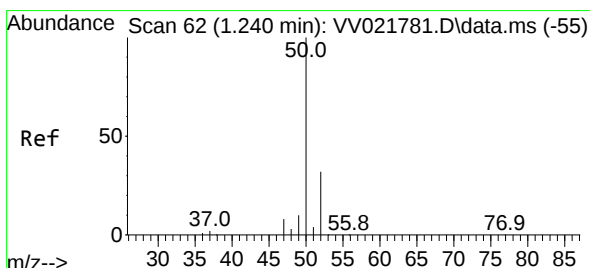
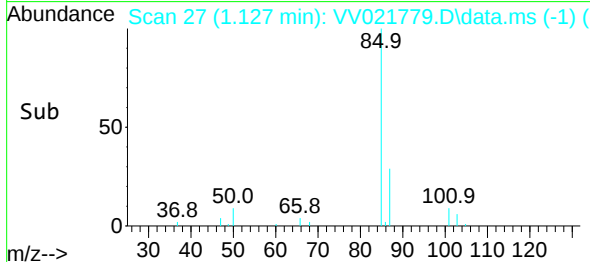
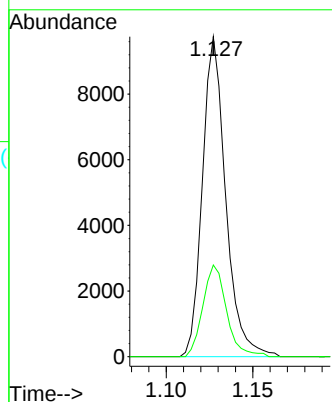
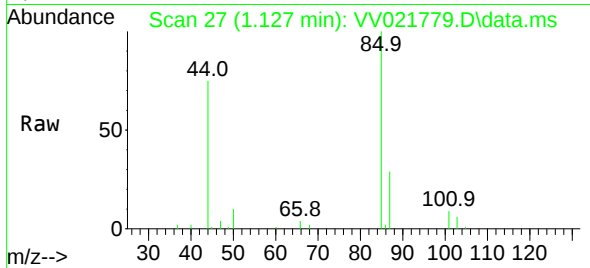




#2
 Dichlorodifluoromethane
 Concen: 5.737 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021779.D
 Acq: 16 Aug 2021 09:30

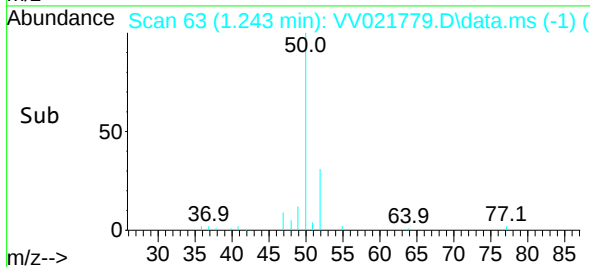
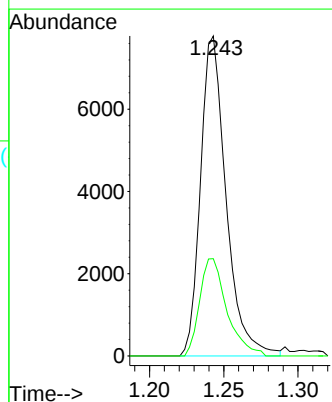
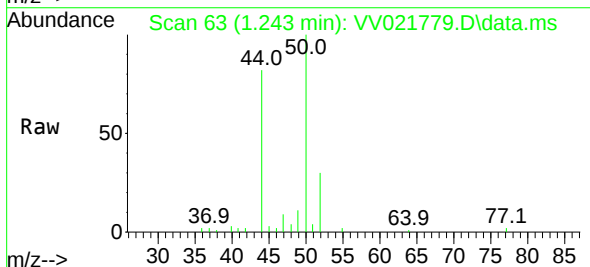
Instrument :
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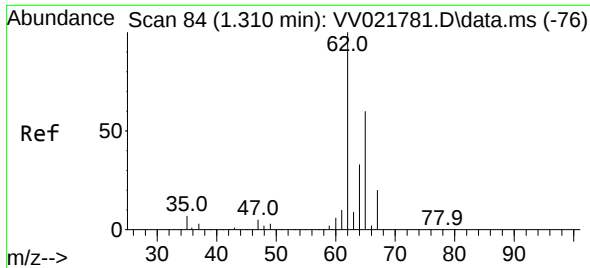
Tgt Ion: 85 Resp: 9109
 Ion Ratio Lower Upper
 85 100
 87 28.9 26.1 39.1



#3
 Chloromethane
 Concen: 6.584 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV021779.D
 Acq: 16 Aug 2021 09:30

Tgt Ion: 50 Resp: 9320
 Ion Ratio Lower Upper
 50 100
 52 30.4 22.7 42.1

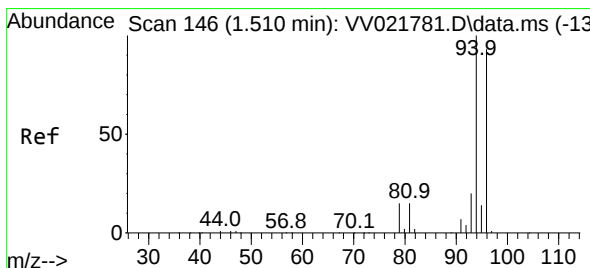
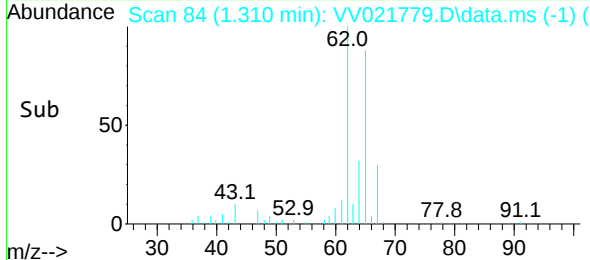
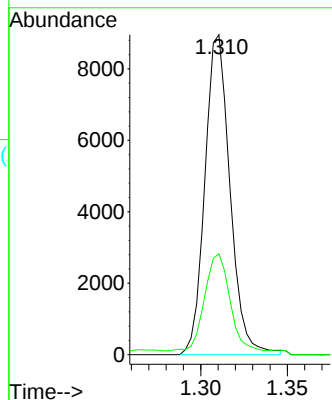
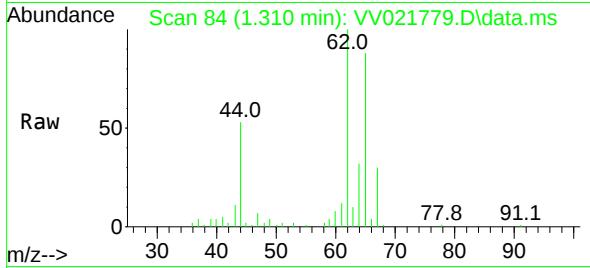




#5
 Vinyl chloride
 Concen: 6.293 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021779.D
 Acq: 16 Aug 2021 09:30

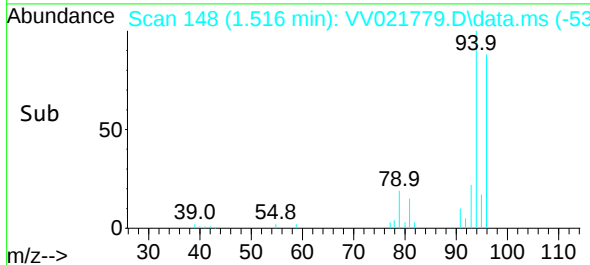
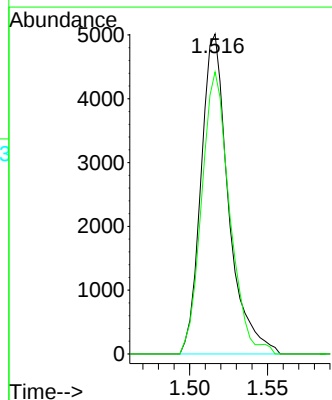
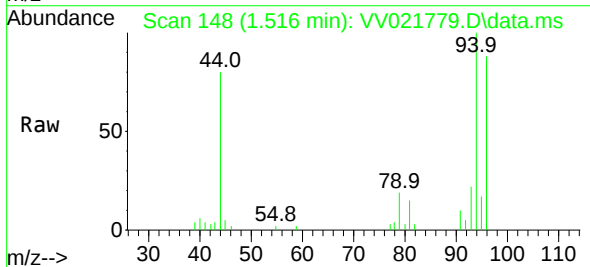
Instrument :
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 ClientSampled :

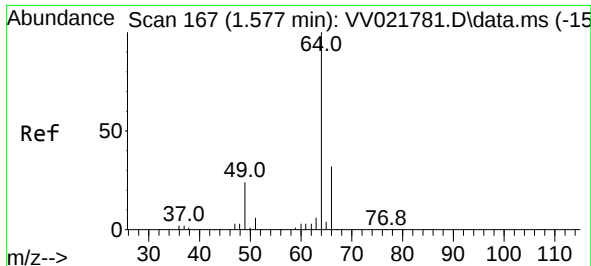
Tgt Ion: 62 Resp: 9024
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.4 43.4



#6
 Bromomethane
 Concen: 6.353 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VV021779.D
 Acq: 16 Aug 2021 09:30

Tgt Ion: 94 Resp: 6135
 Ion Ratio Lower Upper
 94 100
 96 88.1 64.8 120.3

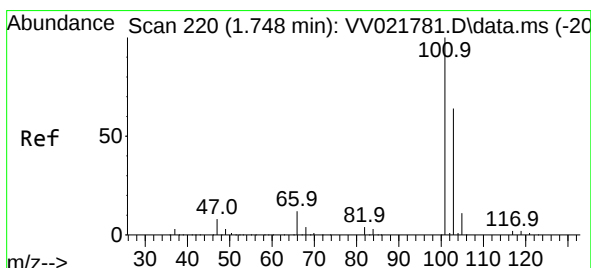
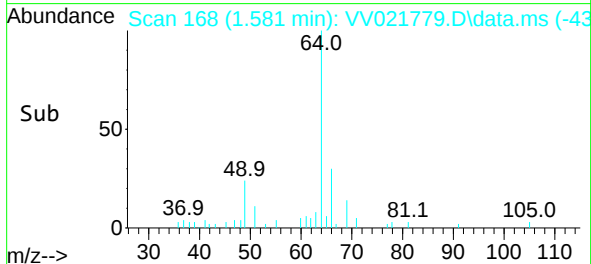
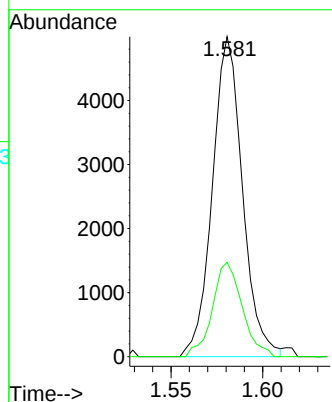
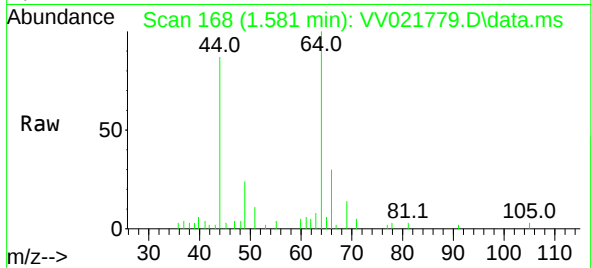




#8
Chloroethane
Concen: 6.652 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

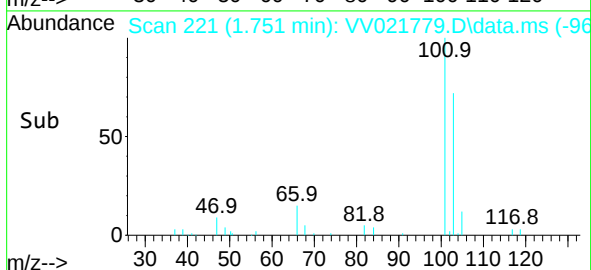
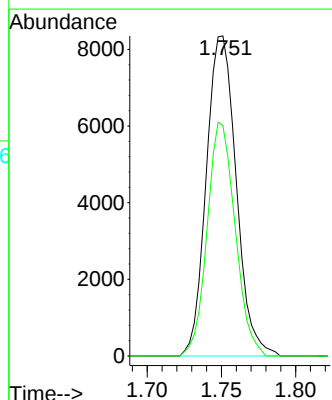
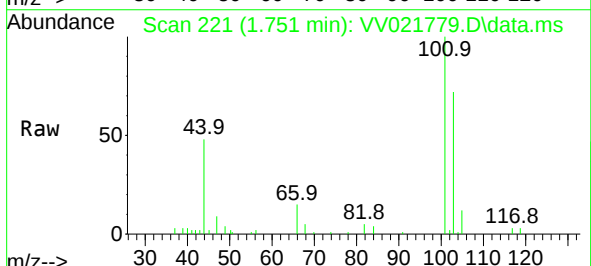
Instrument :
MSVOA_V
ClientSampled :

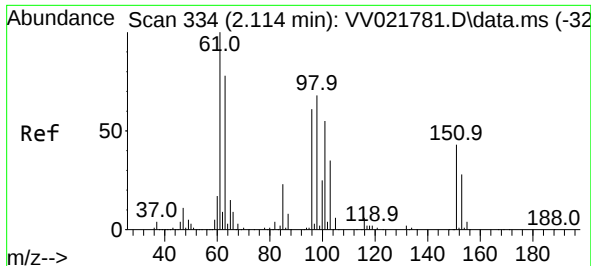
Tgt Ion: 64 Resp: 5695
Ion Ratio Lower Upper
64 100
66 29.5 22.6 42.0



#9
Trichlorofluoromethane
Concen: 4.797 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion: 101 Resp: 11703
Ion Ratio Lower Upper
101 100
103 68.2 51.8 77.8

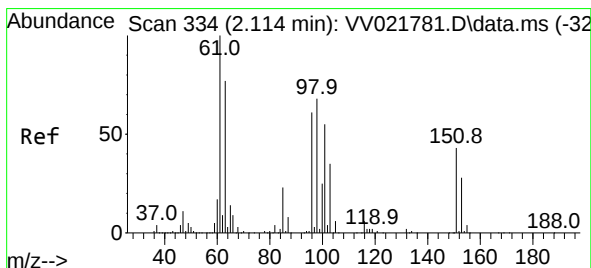
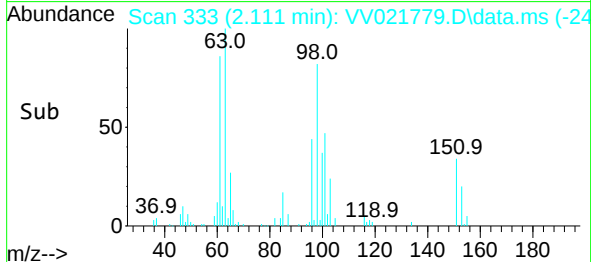
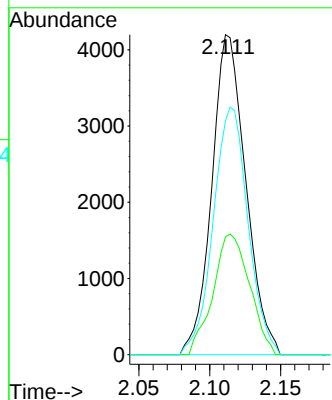
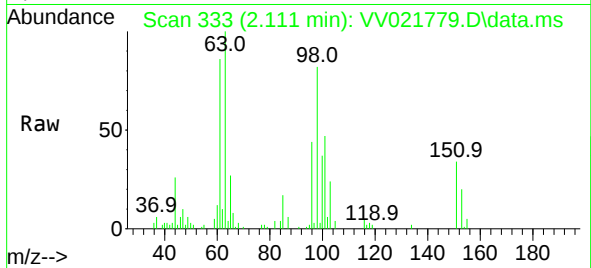




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.629 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV021779.D
 Acq: 16 Aug 2021 09:30

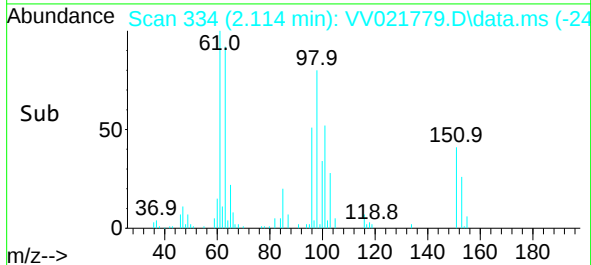
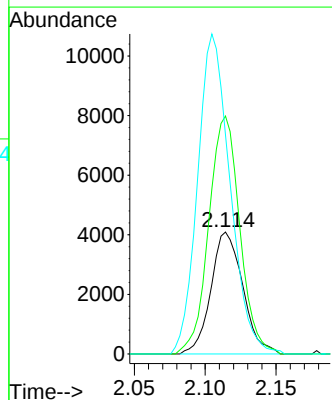
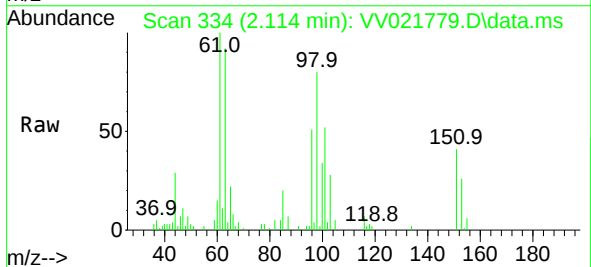
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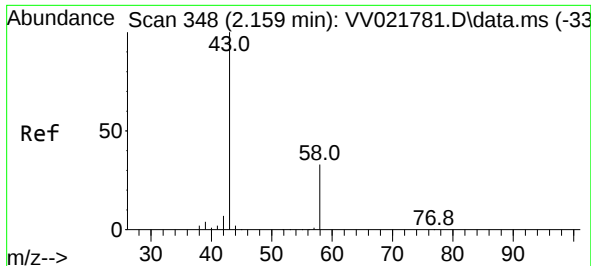
Tgt Ion:101 Resp: 7003
 Ion Ratio Lower Upper
 101 100
 85 40.6 33.4 50.2
 151 79.1 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 5.634 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV021779.D
 Acq: 16 Aug 2021 09:30

Tgt Ion: 96 Resp: 6407
 Ion Ratio Lower Upper
 96 100
 61 195.2 115.5 214.5
 63 179.8 90.3 167.7#

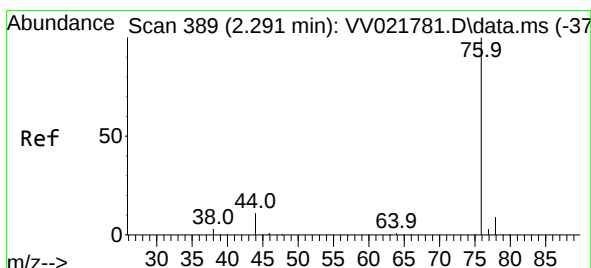
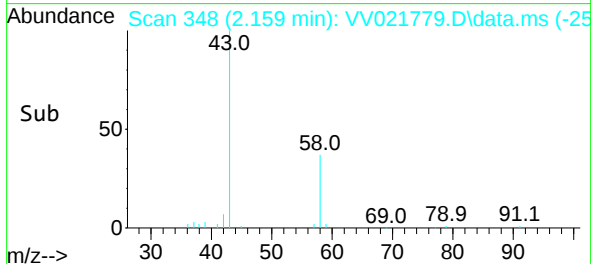
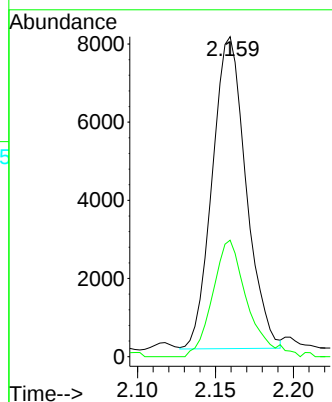
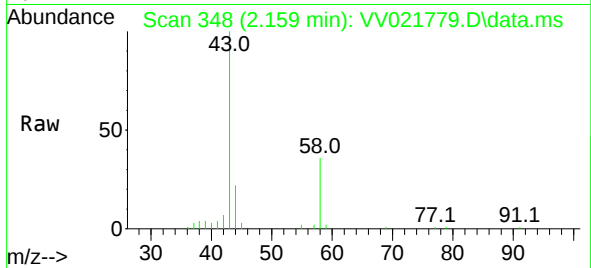




#13
Acetone
Concen: 18.596 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.000 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

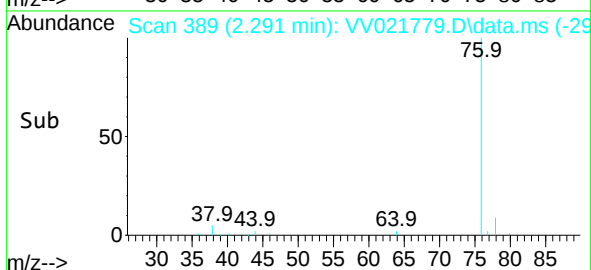
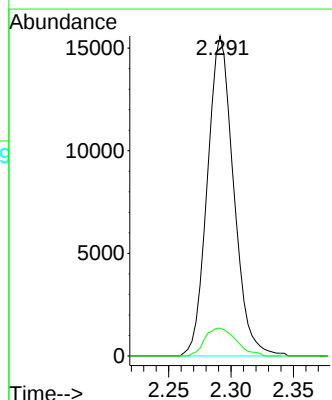
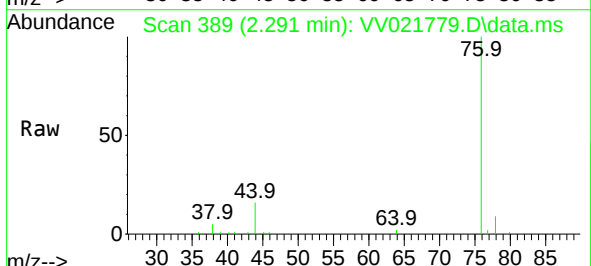
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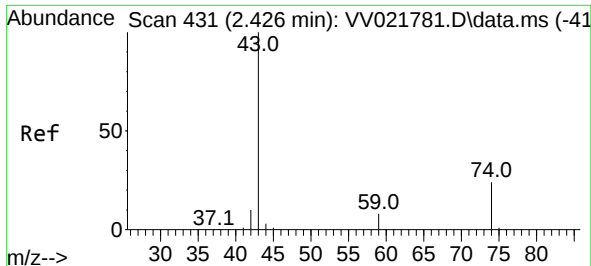
Tgt Ion: 43 Resp: 12023
Ion Ratio Lower Upper
43 100
58 37.0 0.0 0.0#



#14
Carbon disulfide
Concen: 6.980 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion: 76 Resp: 22893
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

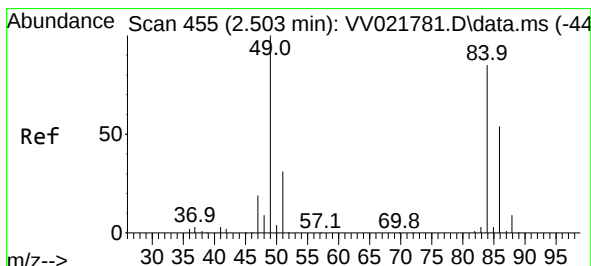
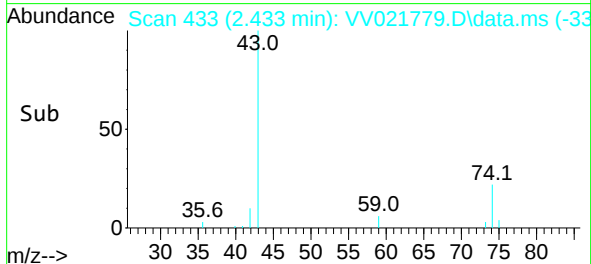
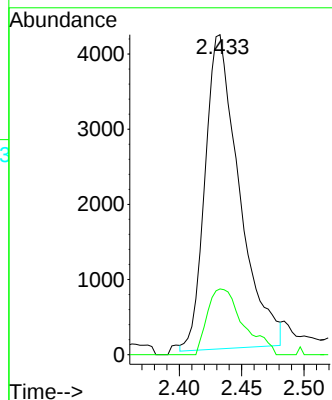
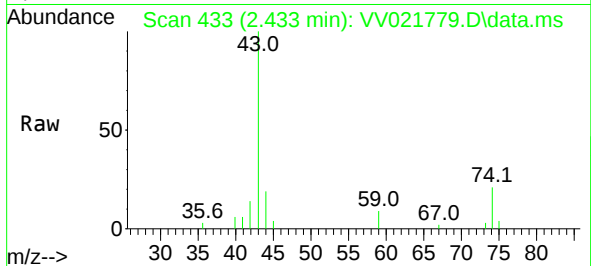




#15
Methyl Acetate
Concen: 7.400 ug/L
RT: 2.433 min Scan# 433
Delta R.T. 0.006 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

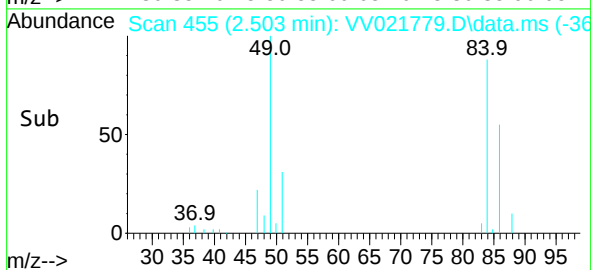
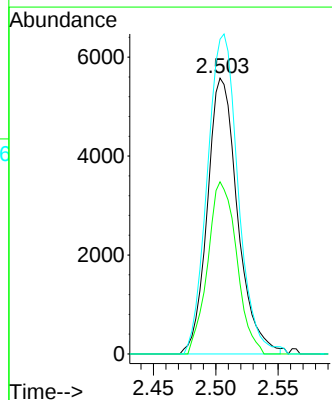
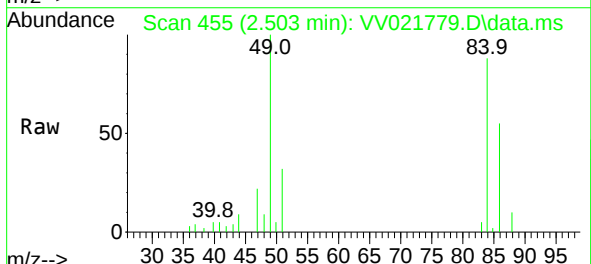
Instrument :
MSVOA_V
ClientSampled :

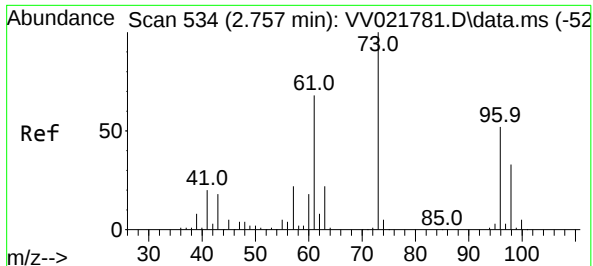
Tgt Ion: 43 Resp: 8000
Ion Ratio Lower Upper
43 100
74 20.0 19.0 28.6



#16
Methylene chloride
Concen: 7.509 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion: 84 Resp: 9401
Ion Ratio Lower Upper
84 100
86 62.4 44.7 83.1
49 114.1 82.5 153.3



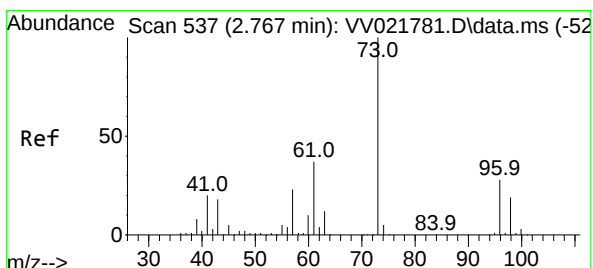
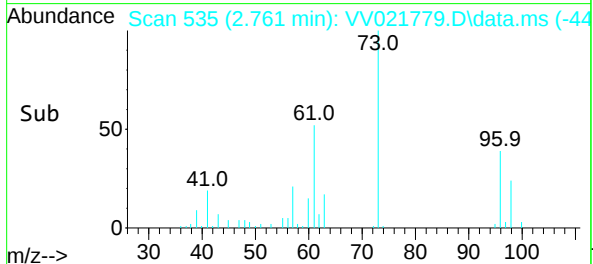
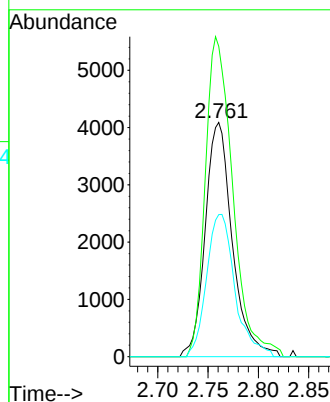
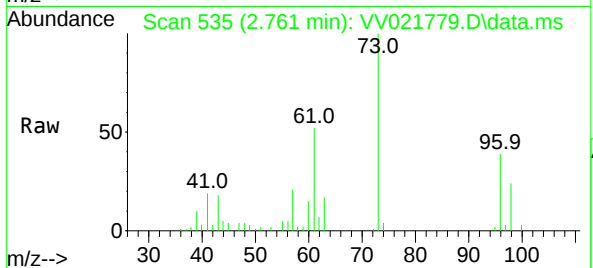


#17

trans-1,2-Dichloroethene
Concen: 6.725 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Instrument :
MSVOA_V
ClientSampled :

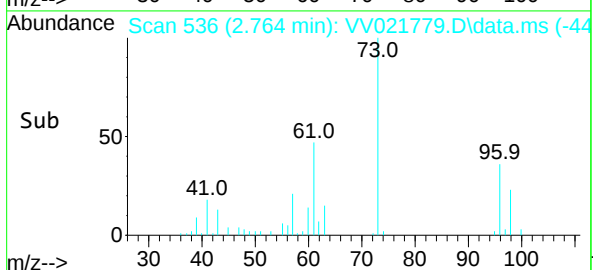
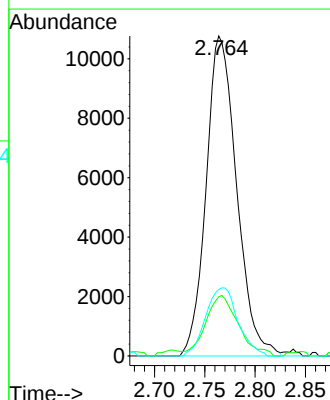
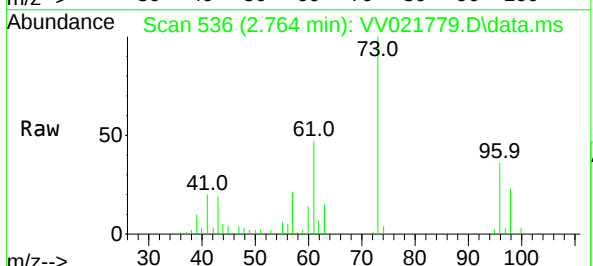
Tgt Ion: 96 Resp: 7696
Ion Ratio Lower Upper
96 100
61 132.5 90.4 168.0
98 60.7 44.4 82.5

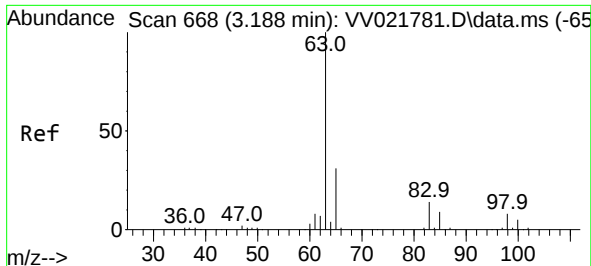


#18

Methyl tert-butyl Ether
Concen: 6.449 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion: 73 Resp: 22674
Ion Ratio Lower Upper
73 100
43 16.8 14.2 21.4
57 22.5 17.7 26.5

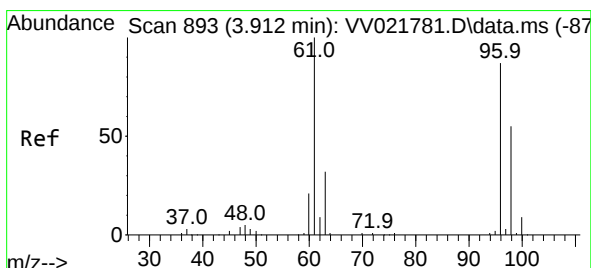
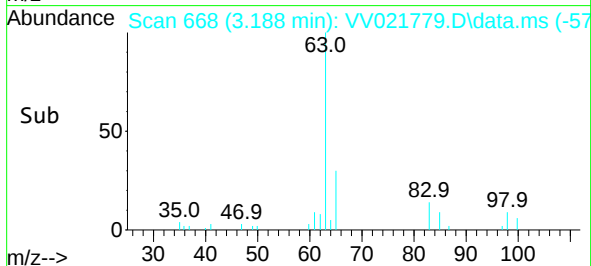
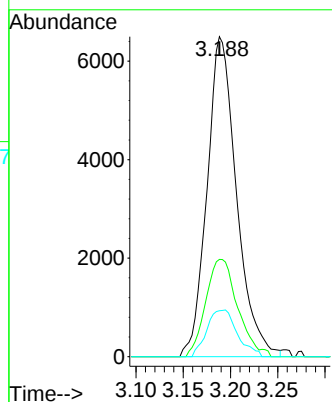
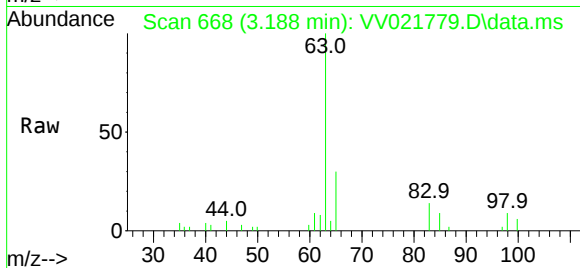




#19
1,1-Dichloroethane
Concen: 6.839 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

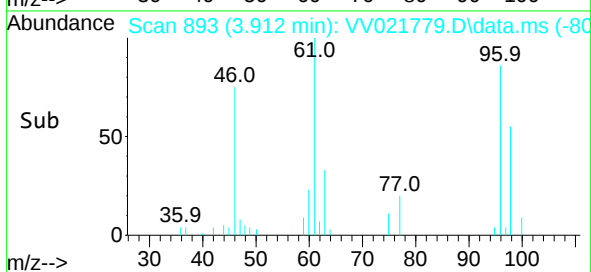
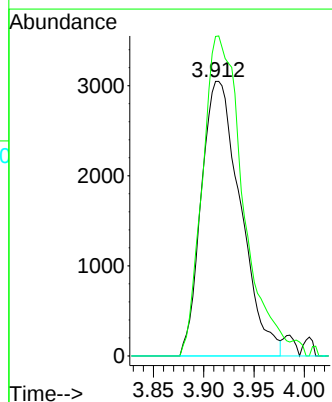
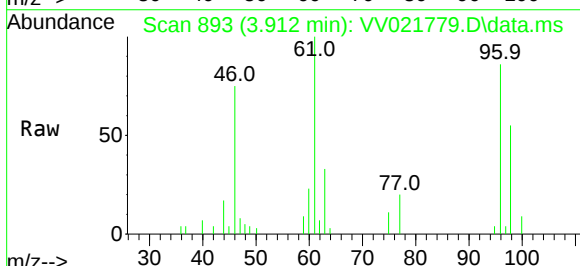
Instrument :
MSVOA_V
ClientSampled :

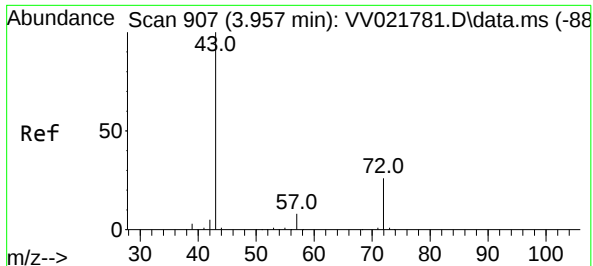
Tgt Ion:	63	Resp:	14103
Ion	Ratio	Lower	Upper
63	100		
65	30.4	21.8	40.6
83	14.4	9.6	17.8



#20
cis-1,2-Dichloroethene
Concen: 6.698 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion:	96	Resp:	8243
Ion	Ratio	Lower	Upper
96	100		
61	116.4	81.0	150.4
68	0.0	0.0	0.0

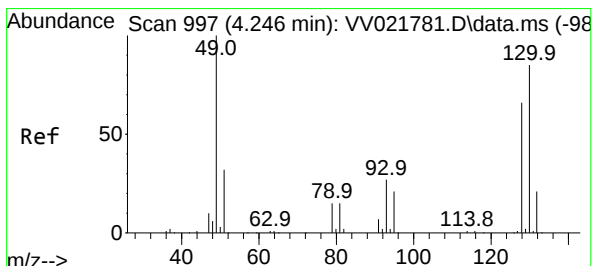
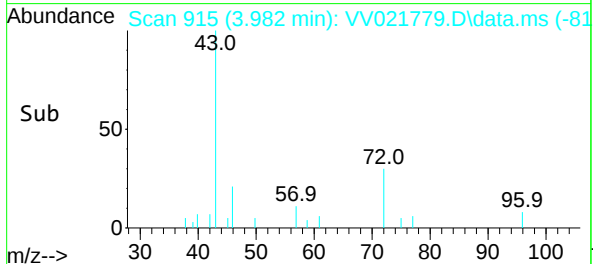
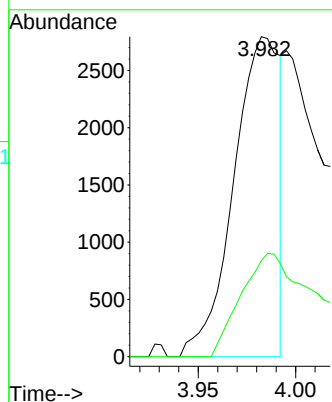
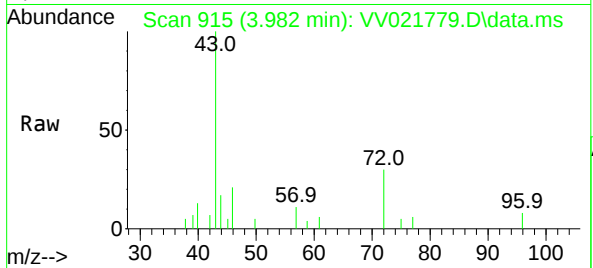




#22
2-Butanone
Concen: 5.910 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.026 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

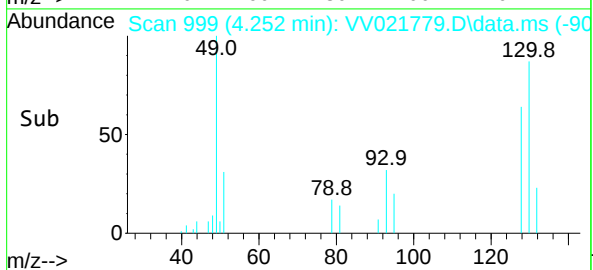
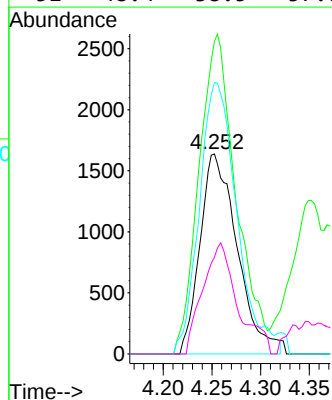
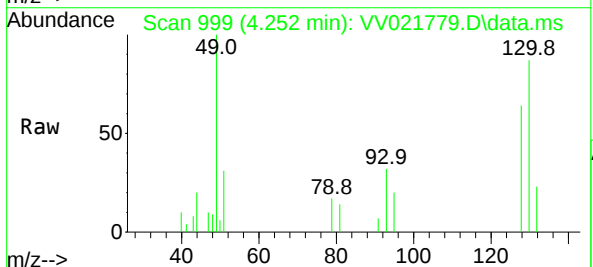
Instrument :
MSVOA_V
ClientSampled :

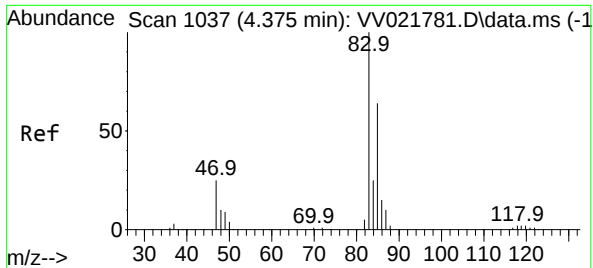
Tgt Ion: 43 Resp: 4580
Ion Ratio Lower Upper
43 100
72 47.5 13.6 40.8#



#23
Bromochloromethane
Concen: 6.234 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion: 128 Resp: 4345
Ion Ratio Lower Upper
128 100
49 156.3 105.6 196.0
130 135.7 89.5 166.1
51 48.4 38.5 57.7





#25

Chloroform

Concen: 6.125 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV021779.D

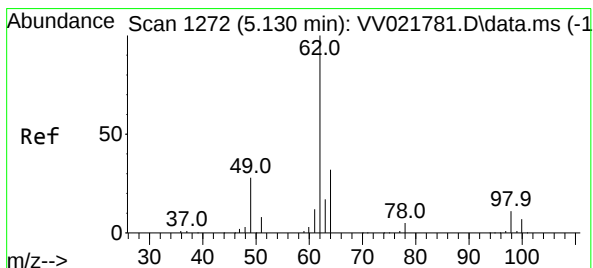
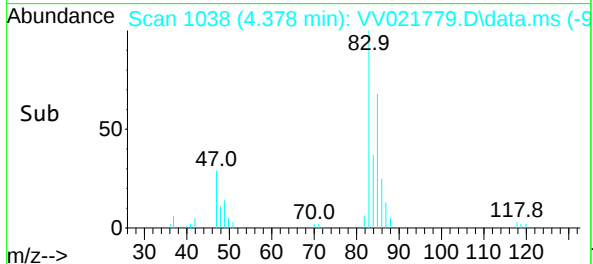
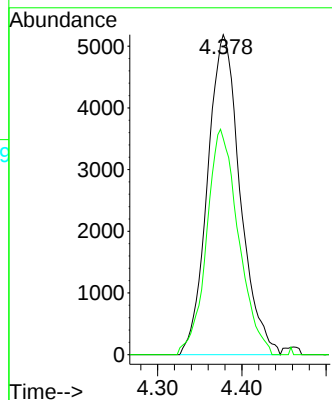
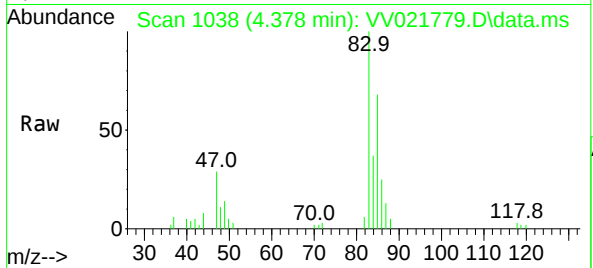
Acq: 16 Aug 2021 09:30

Tgt Ion: 83 Resp: 13939

Ion Ratio Lower Upper

83 100

85 67.6 44.8 83.2



#27

1,2-Dichloroethane

Concen: 5.422 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV021779.D

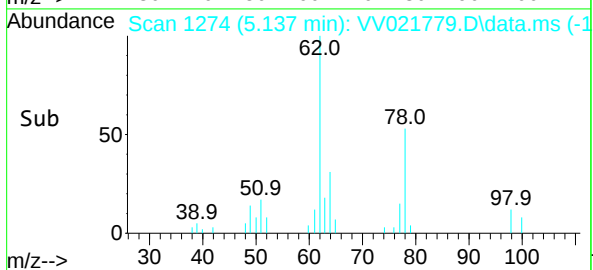
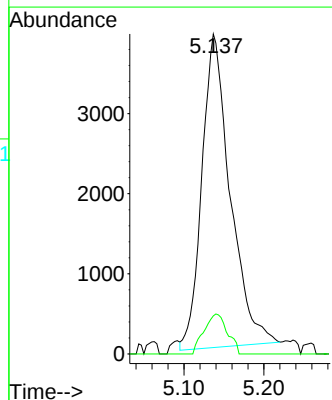
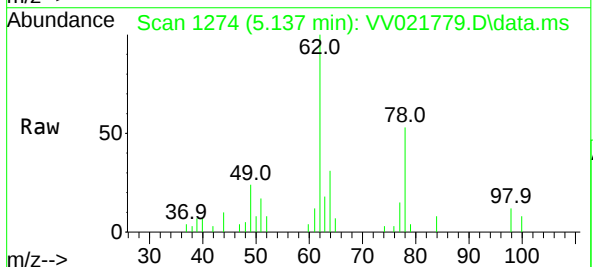
Acq: 16 Aug 2021 09:30

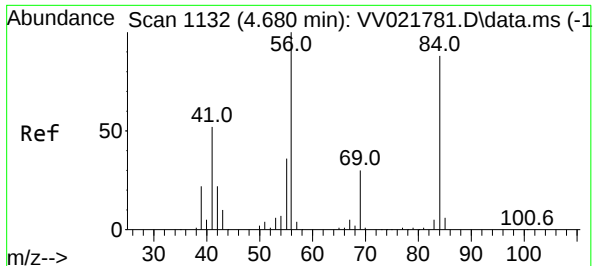
Tgt Ion: 62 Resp: 9639

Ion Ratio Lower Upper

62 100

98 11.9 8.6 13.0





#29

Cyclohexane

Concen: 7.549 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

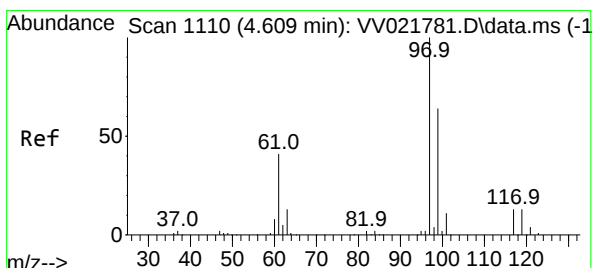
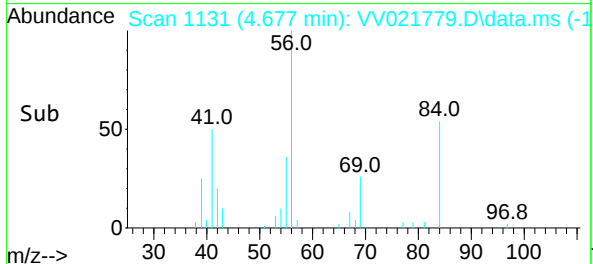
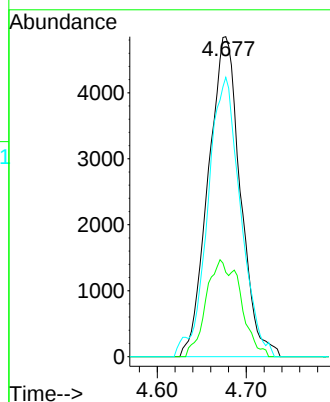
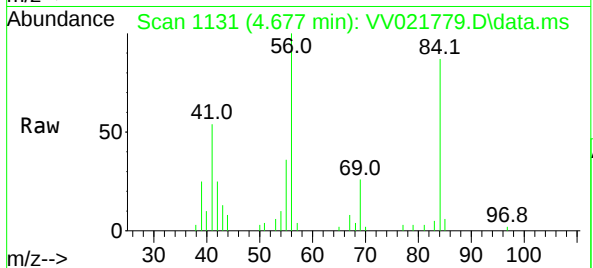
Lab File: VV021779.D

Acq: 16 Aug 2021 09:30

Tgt Ion: 56 Resp: 12161

Ion	Ratio	Lower	Upper
56	100		
69	20.5	24.9	37.3#
84	82.0	72.6	109.0

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 6.311 ug/L

RT: 4.609 min Scan# 1110

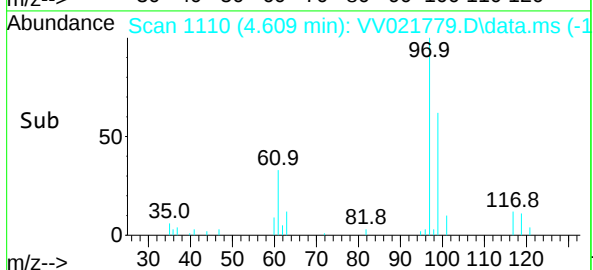
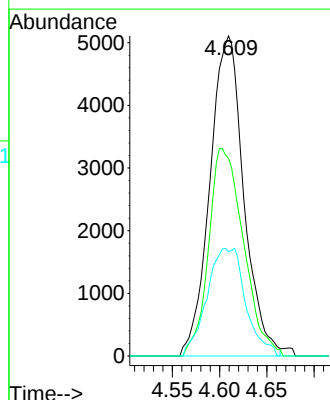
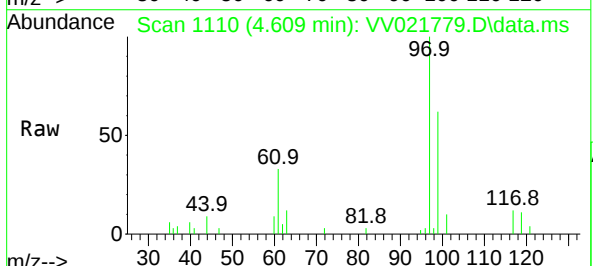
Delta R.T. 0.000 min

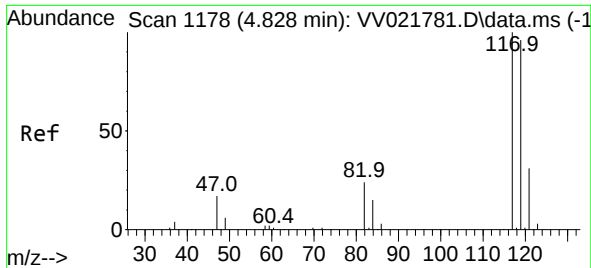
Lab File: VV021779.D

Acq: 16 Aug 2021 09:30

Tgt Ion: 97 Resp: 12707

Ion	Ratio	Lower	Upper
97	100		
99	66.7	51.0	76.4
61	22.2	32.3	48.5#

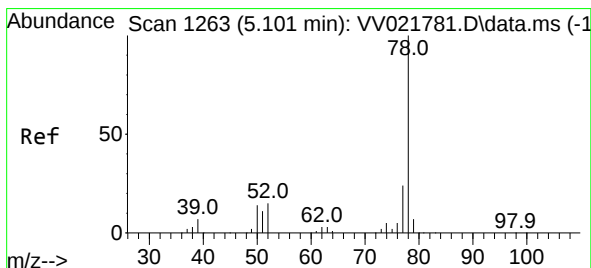
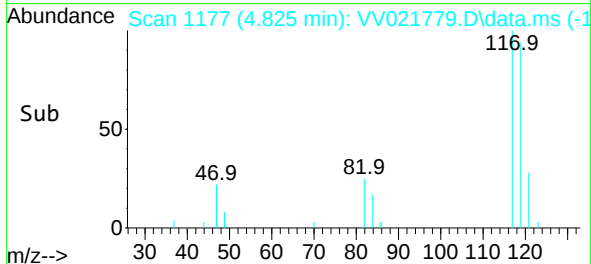
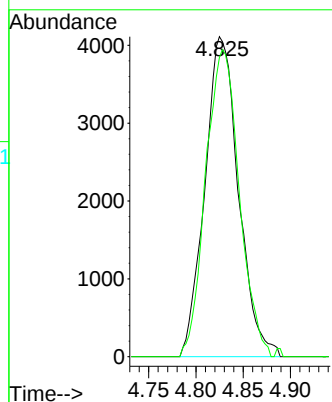
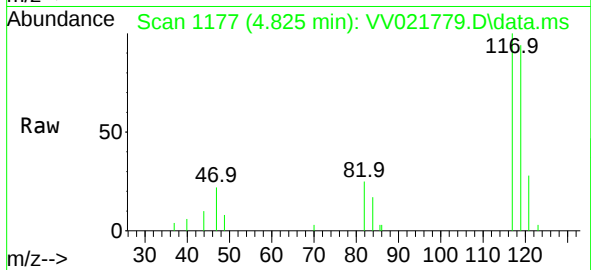




#31
Carbon tetrachloride
Concen: 5.552 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

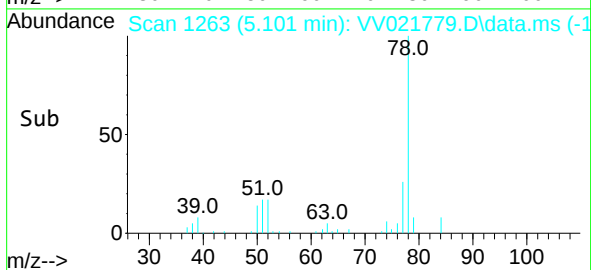
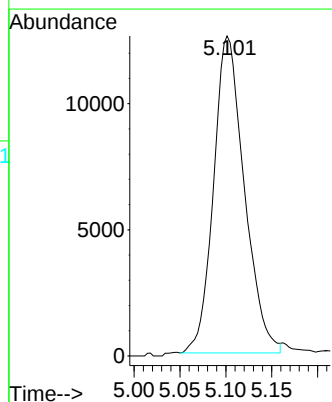
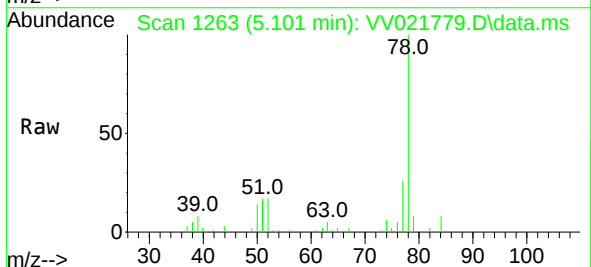
Instrument :
MSVOA_V
ClientSampled :

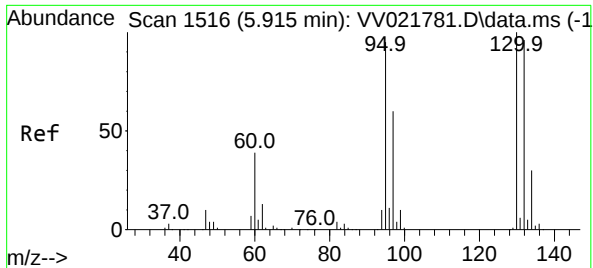
Tgt Ion:117 Resp: 10168
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7



#33
Benzene
Concen: 6.736 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion: 78 Resp: 29294



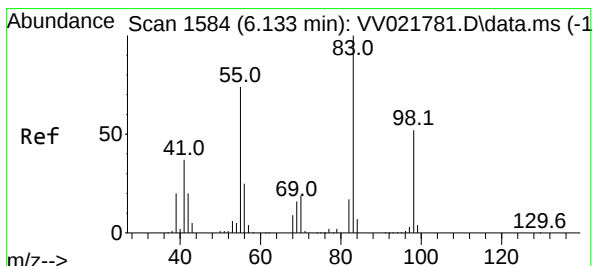
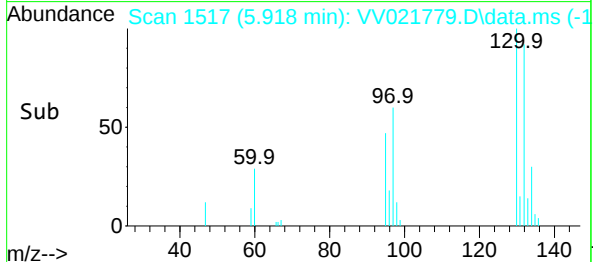
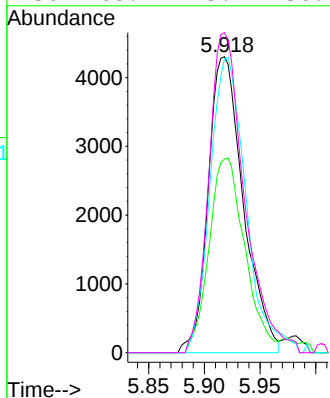
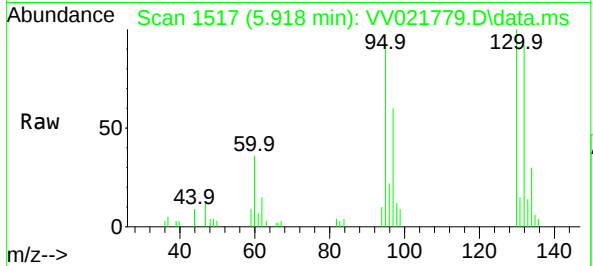


#34
Trichloroethene
Concen: 7.841 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 9435

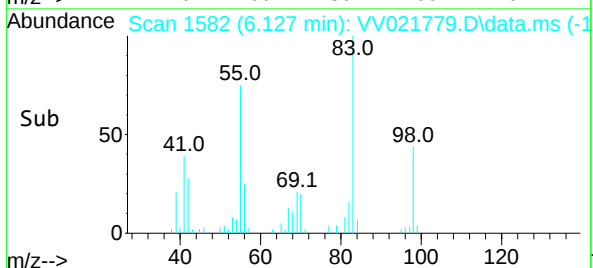
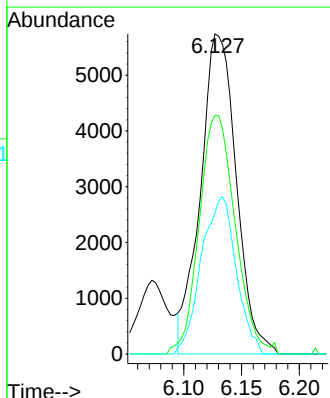
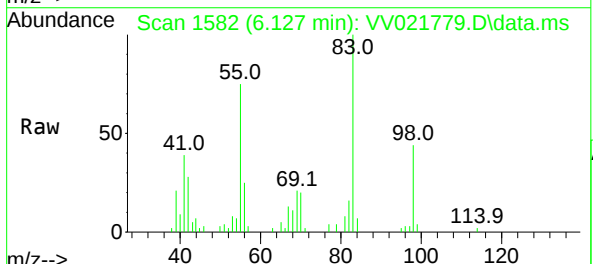
Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.1	81.9
132	99.3	70.2	130.4
130	108.1	73.4	136.4

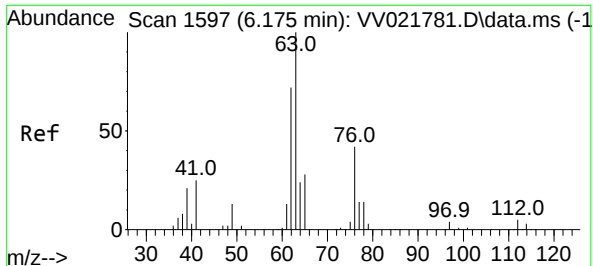


#35
Methylcyclohexane
Concen: 6.919 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.006 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion: 83 Resp: 12415

Ion	Ratio	Lower	Upper
83	100		
55	74.6	57.9	86.9
98	47.7	39.9	59.9



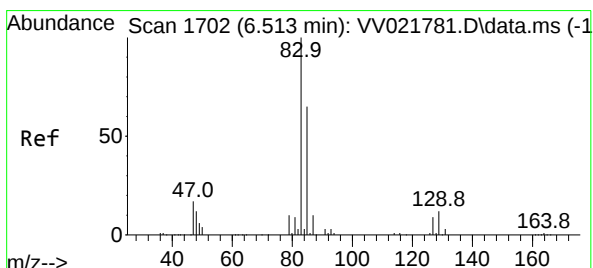
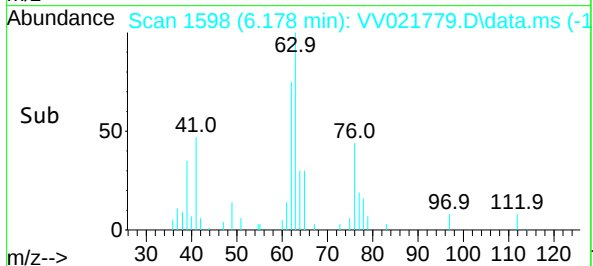
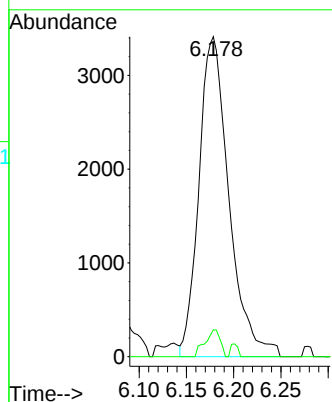
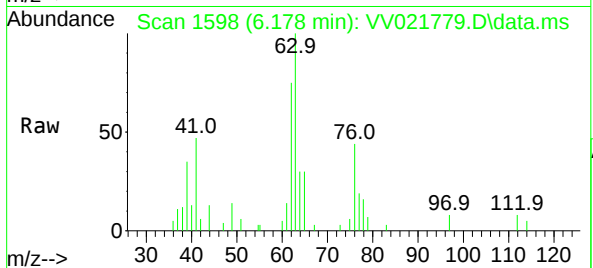


#37

1,2-Dichloropropane
Concen: 7.042 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Instrument :
MSVOA_V
ClientSampleId :

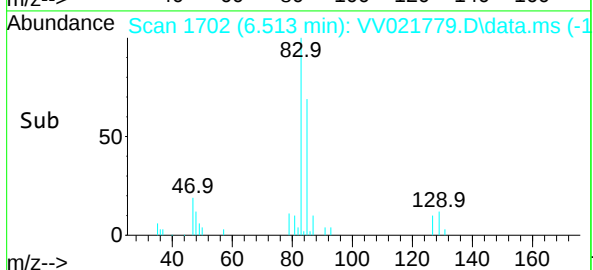
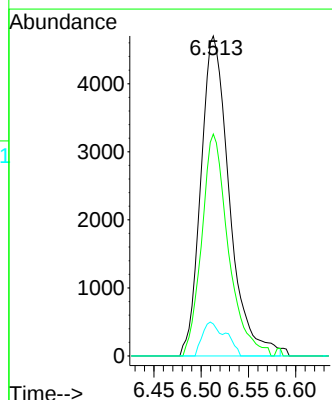
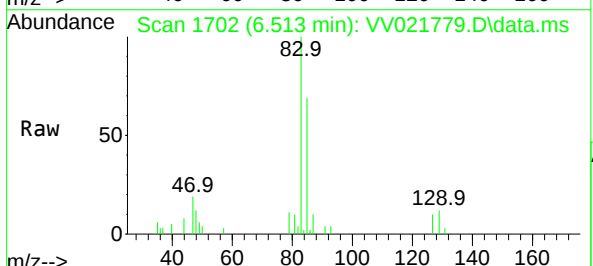
Tgt Ion: 63 Resp: 7528
Ion Ratio Lower Upper
63 100
112 3.6 3.8 5.6#

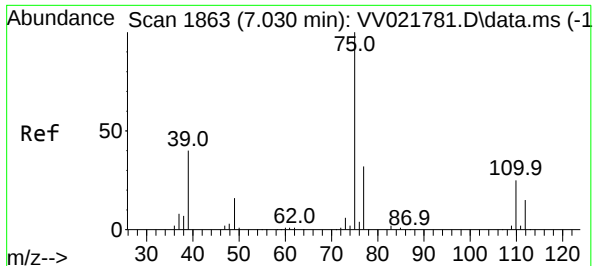


#38

Bromodichloromethane
Concen: 6.111 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion: 83 Resp: 9864
Ion Ratio Lower Upper
83 100
85 69.4 45.7 84.9
127 10.0 7.4 11.2



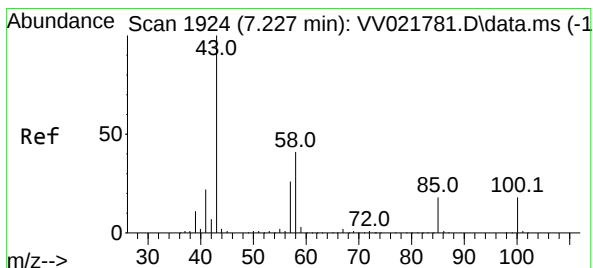
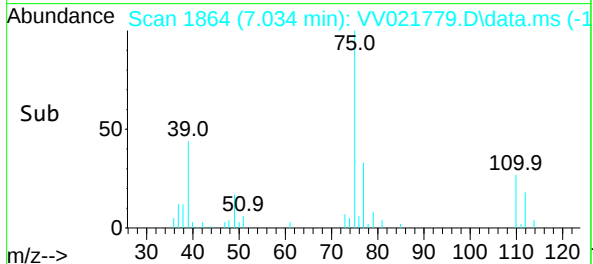
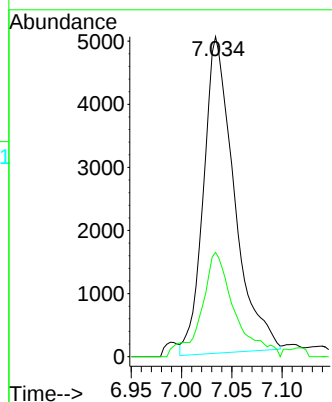
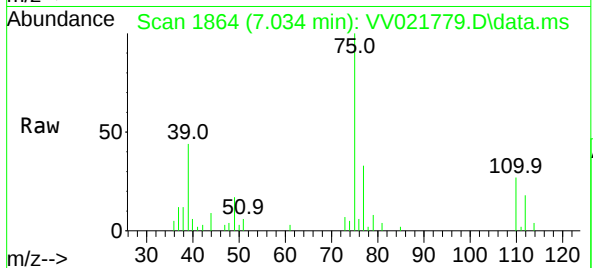


#39

cis-1,3-Dichloropropene
Concen: 6.180 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Instrument :
MSVOA_V
ClientSampled :

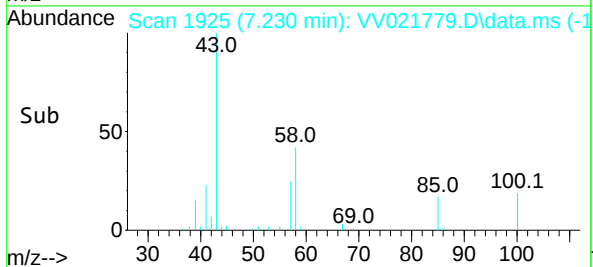
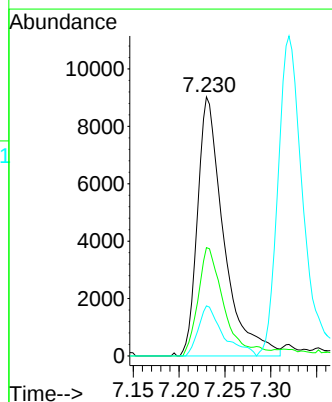
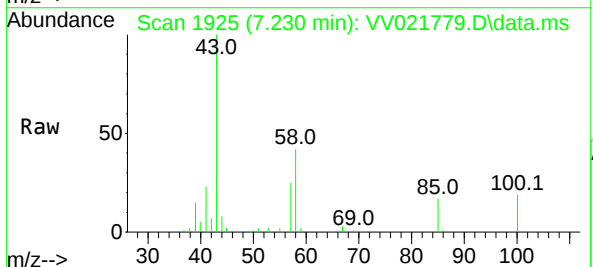
Tgt Ion: 75 Resp: 10624
Ion Ratio Lower Upper
75 100
77 32.6 22.5 41.9

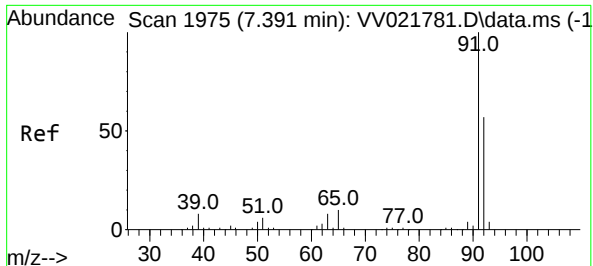


#40

4-Methyl-2-pentanone
Concen: 13.483 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion: 43 Resp: 17940
Ion Ratio Lower Upper
43 100
58 39.6 32.9 49.3
100 18.2 14.0 21.0

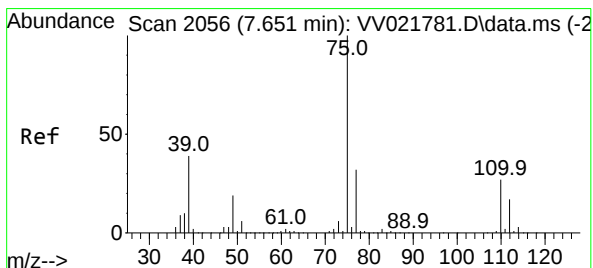
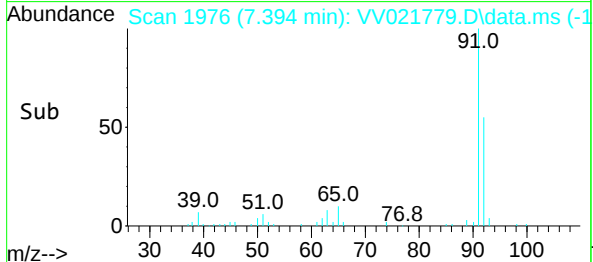
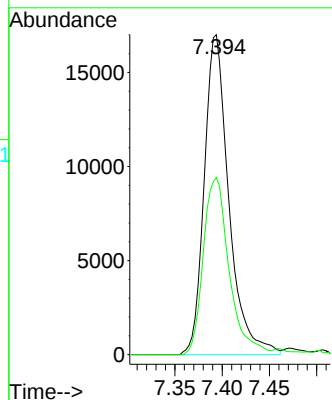
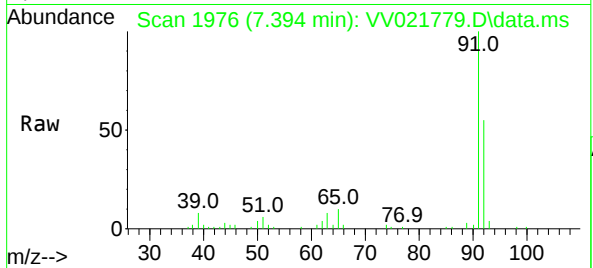




#42
Toluene
Concen: 6.536 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

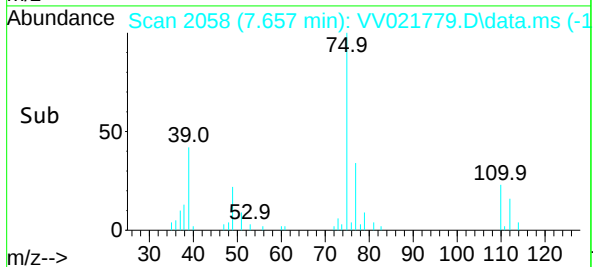
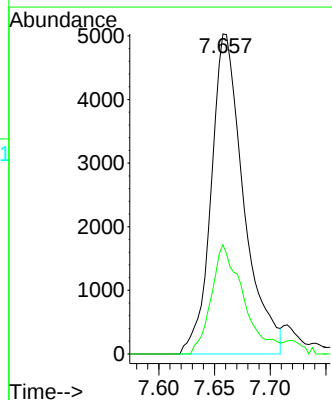
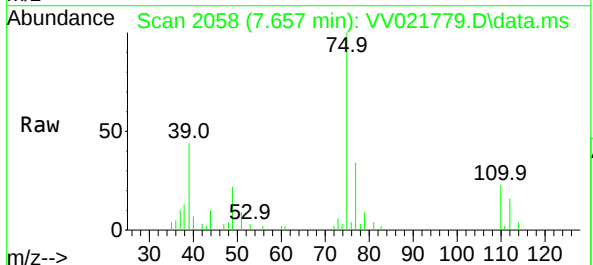
Instrument :
MSVOA_V
ClientSampled :

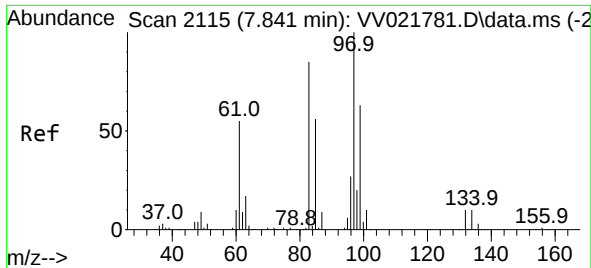
Tgt Ion: 91 Resp: 30811
Ion Ratio Lower Upper
91 100
92 55.4 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 5.806 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion: 75 Resp: 10207
Ion Ratio Lower Upper
75 100
77 34.1 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 6.789 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. 0.003 min

Lab File: VV021779.D

Acq: 16 Aug 2021 09:30

Tgt Ion: 97 Resp: 7797

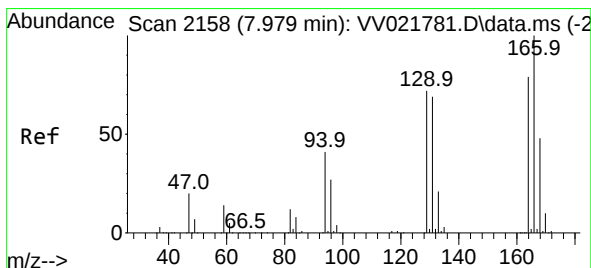
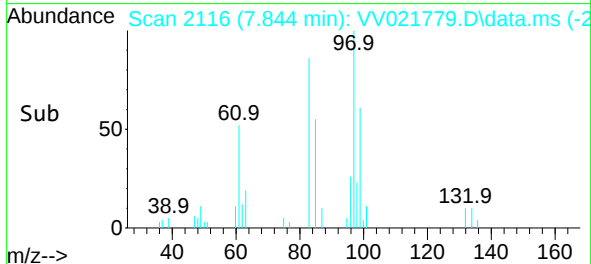
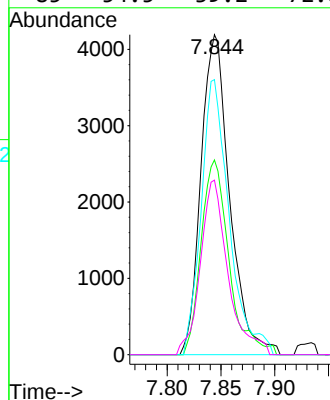
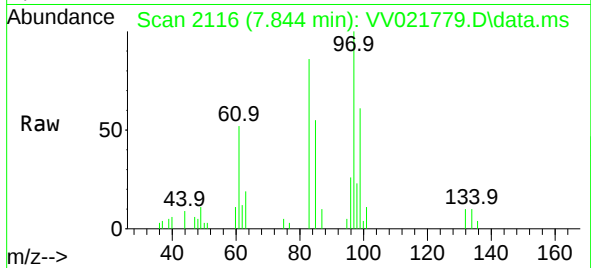
Ion Ratio Lower Upper

97 100

99 60.9 44.2 82.0

83 86.0 59.2 110.0

85 54.5 39.2 72.8



#46

Tetrachloroethene

Concen: 5.955 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.000 min

Lab File: VV021779.D

Acq: 16 Aug 2021 09:30

Tgt Ion: 164 Resp: 6208

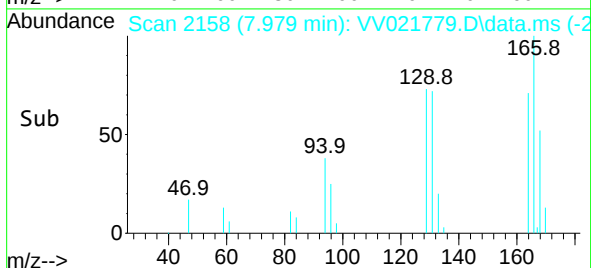
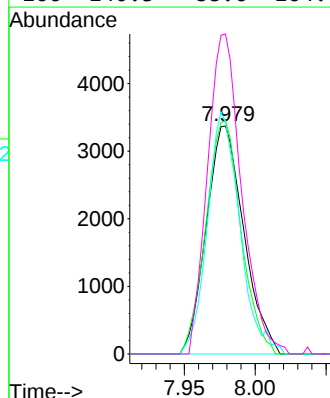
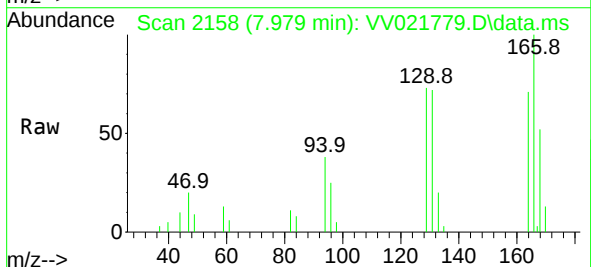
Ion Ratio Lower Upper

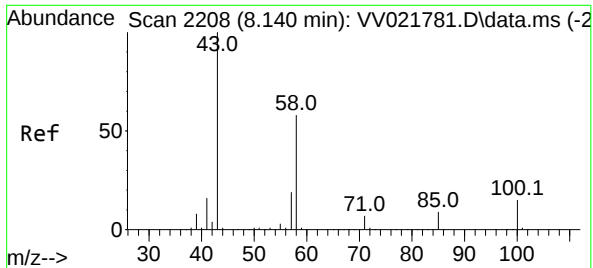
164 100

129 102.4 63.7 118.3

131 101.5 61.5 114.3

166 140.3 88.6 164.6

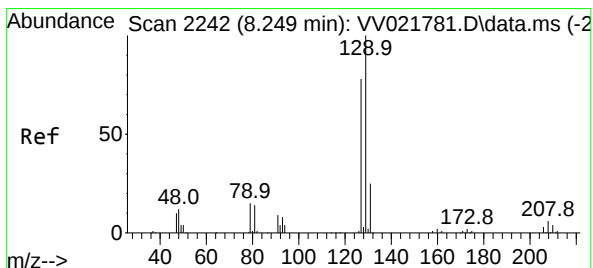
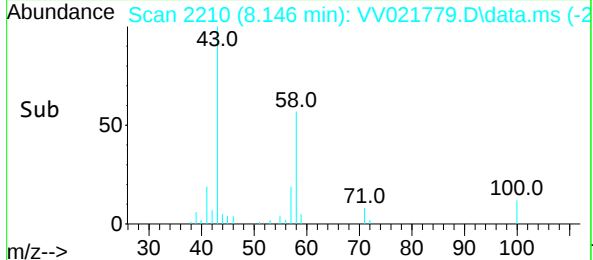
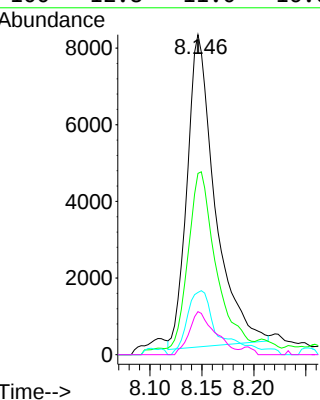
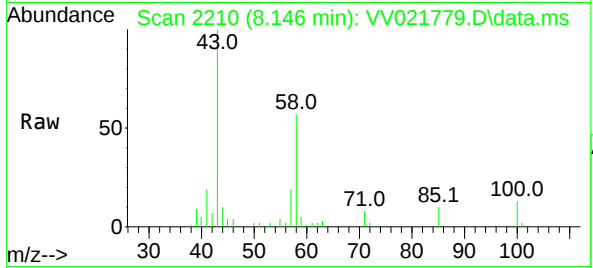




#48
2-Hexanone
Concen: 14.651 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

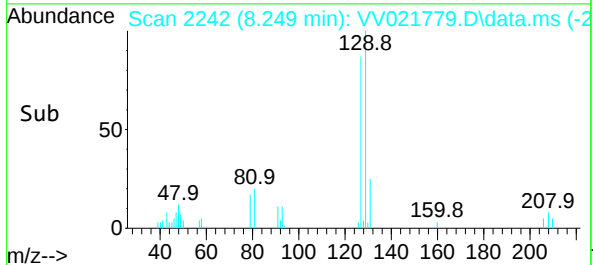
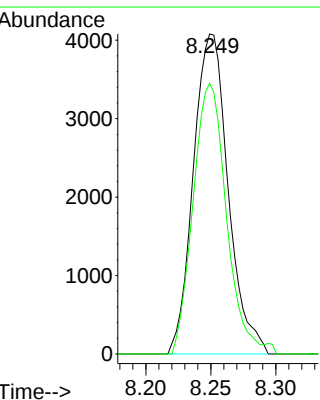
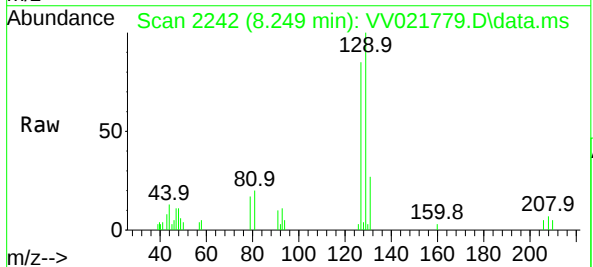
Instrument :
MSVOA_V
ClientSampleId :

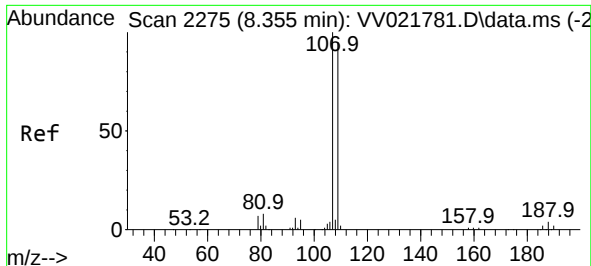
Tgt Ion:	43	Resp:	15242
Ion	Ratio	Lower	Upper
43	100		
58	59.6	45.4	68.2
57	21.3	15.3	22.9
100	12.8	11.0	16.6



#49
Dibromochloromethane
Concen: 5.498 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

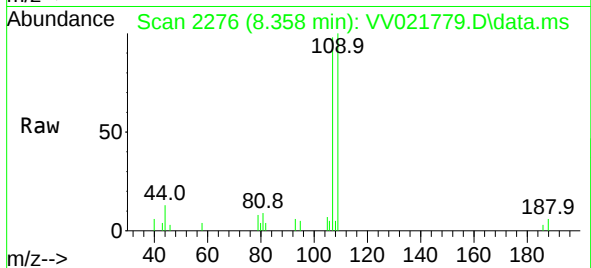
Tgt Ion:	129	Resp:	7587
Ion	Ratio	Lower	Upper
129	100		
127	84.6	54.9	101.9



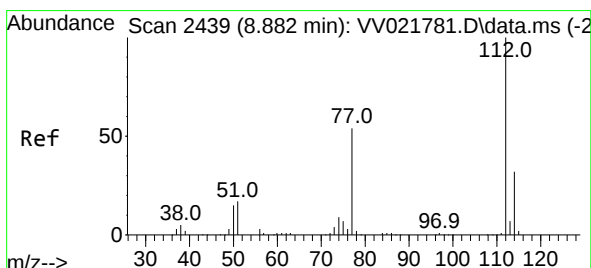
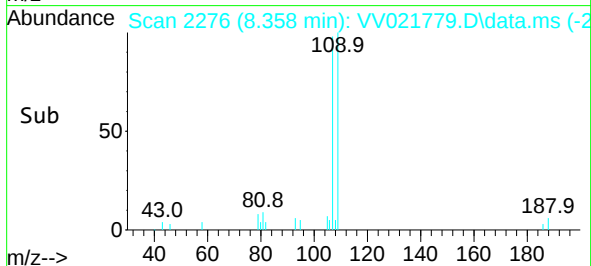
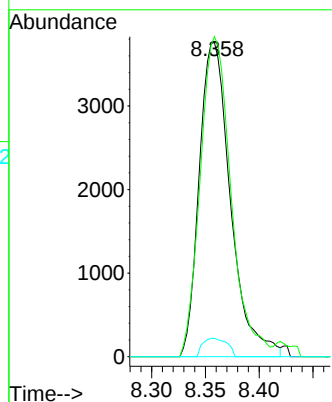


#50
1,2-Dibromoethane
Concen: 6.146 ug/L
RT: 8.358 min Scan# 2276
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Instrument :
MSVOA_V
ClientSampleId :

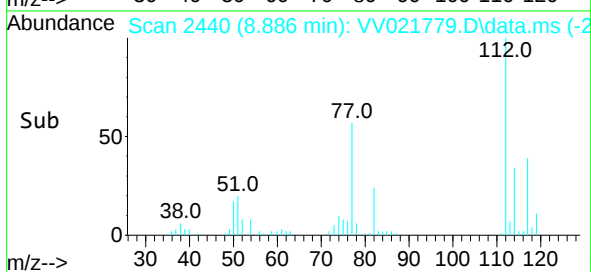
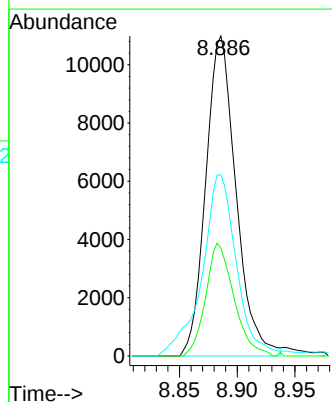
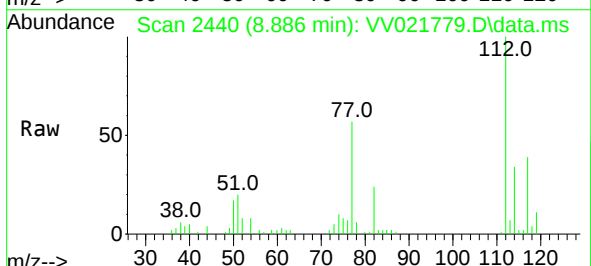


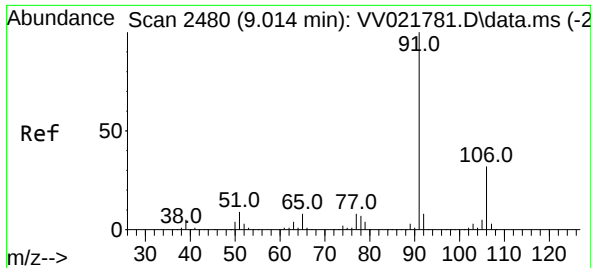
Tgt Ion:107 Resp: 7616
Ion Ratio Lower Upper
107 100
109 101.9 66.3 123.1
188 5.9 3.0 4.4#



#51
Chlorobenzene
Concen: 6.179 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion:112 Resp: 19951
Ion Ratio Lower Upper
112 100
114 33.7 22.2 41.2
77 56.6 43.7 65.5

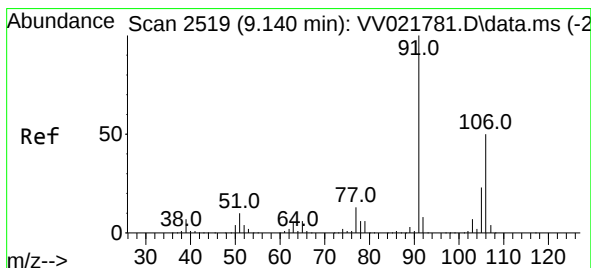
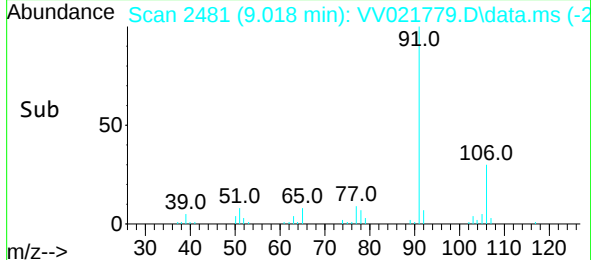
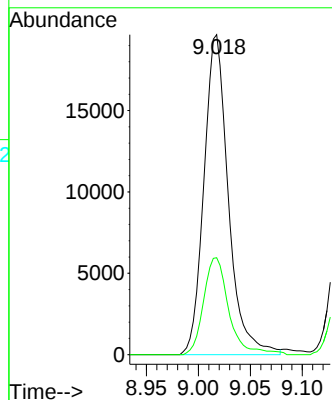
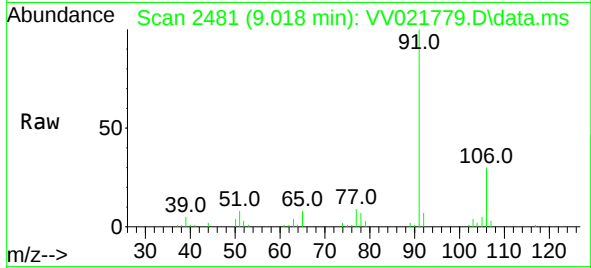




#52
Ethylbenzene
Concen: 6.205 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

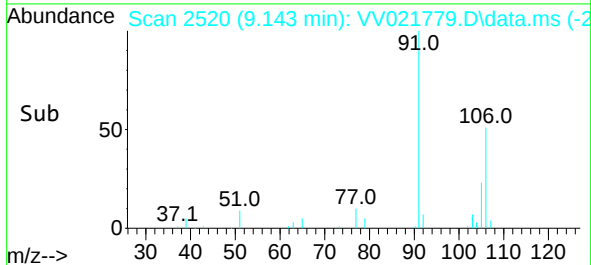
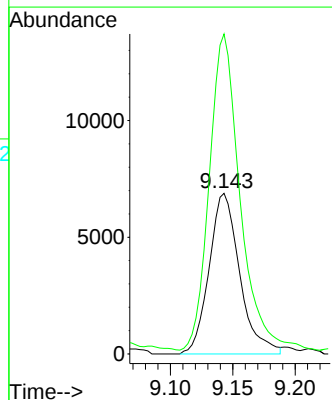
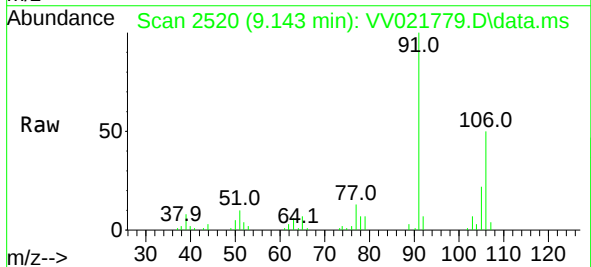
Instrument :
MSVOA_V
ClientSampled :

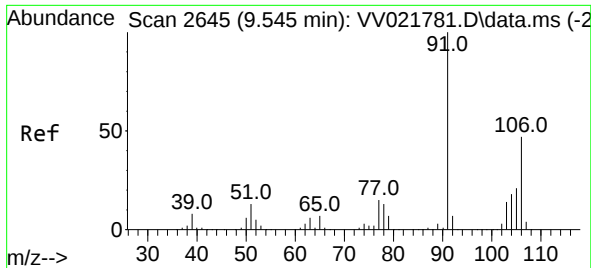
Tgt Ion: 91 Resp: 32129
Ion Ratio Lower Upper
91 100
106 30.3 22.2 41.2



#53
m,p-Xylene
Concen: 5.975 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion: 106 Resp: 11786
Ion Ratio Lower Upper
106 100
91 199.2 139.2 258.6

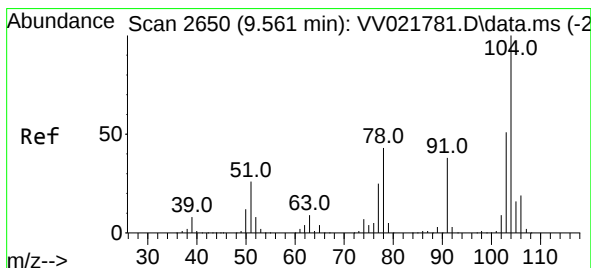
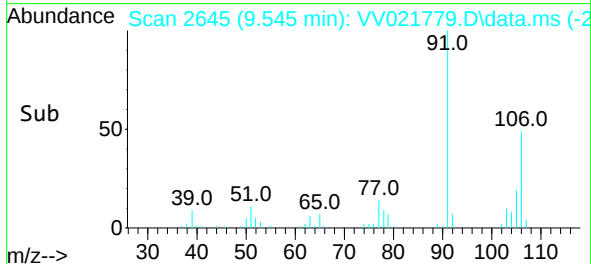
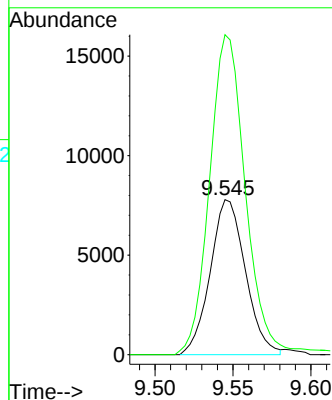
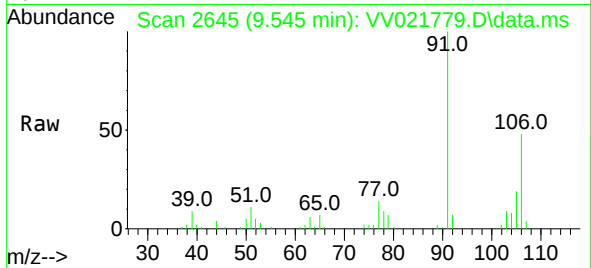




#54
o-Xylene
Concen: 6.279 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

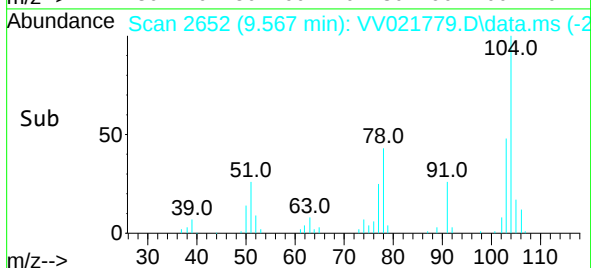
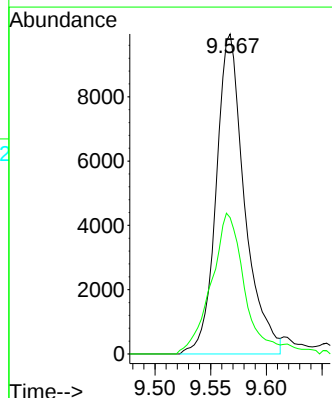
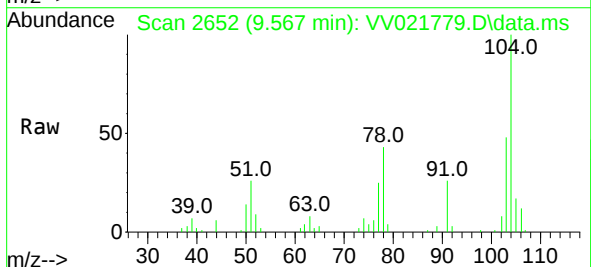
Instrument :
MSVOA_V
ClientSampleId :

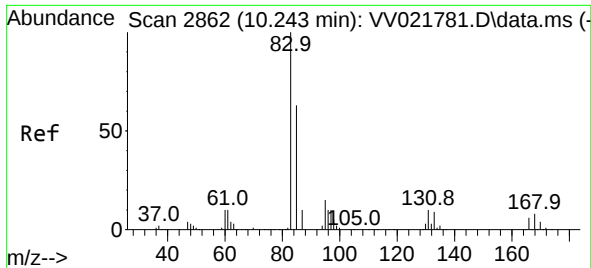
Tgt Ion:106 Resp: 12227
Ion Ratio Lower Upper
106 100
91 206.4 148.1 275.0



#55
Styrene
Concen: 5.377 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.006 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion:104 Resp: 17634
Ion Ratio Lower Upper
104 100
78 42.6 30.2 56.2

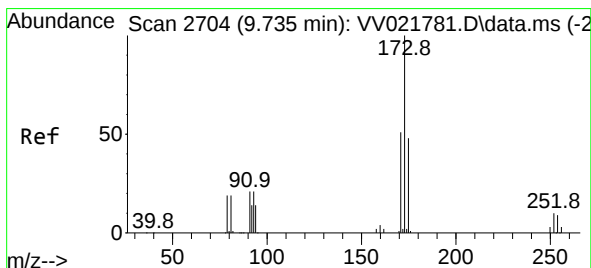
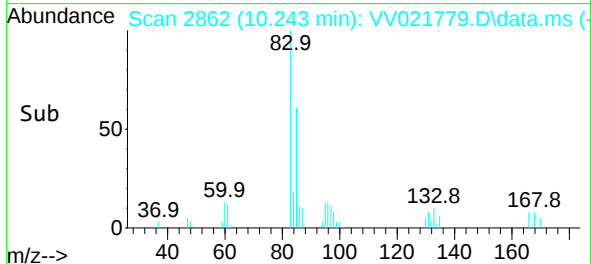
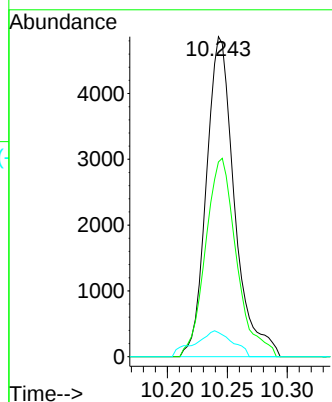
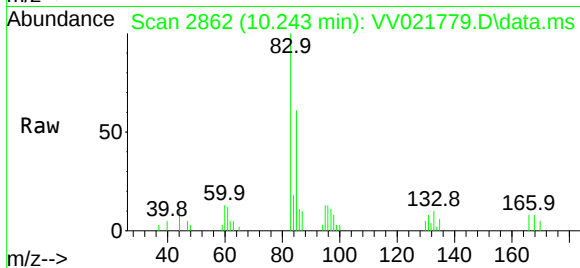




#57
1,1,2,2-Tetrachloroethane
Concen: 4.431 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

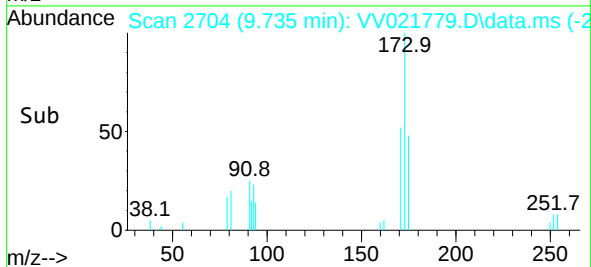
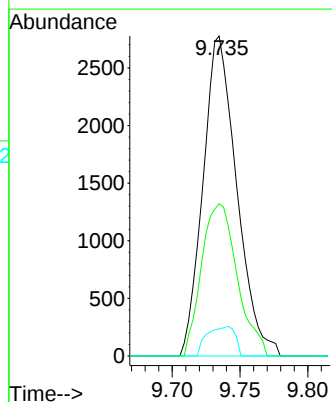
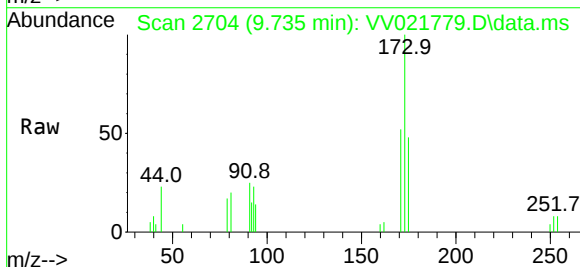
Instrument :
MSVOA_V
ClientSampleId :

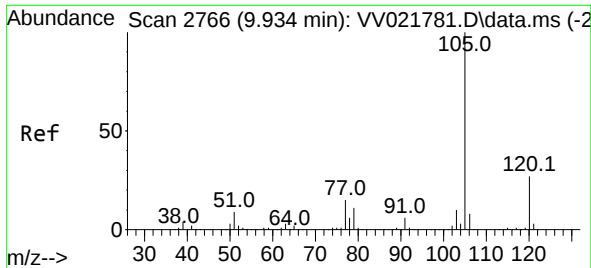
Tgt Ion:	83	Resp:	7913
Ion	Ratio	Lower	Upper
83	100		
85	60.8	44.4	82.5
131	7.5	7.9	11.9#



#59
Bromoform
Concen: 5.298 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion:	173	Resp:	4801
Ion	Ratio	Lower	Upper
173	100		
175	50.3	38.6	58.0
254	7.7	7.2	10.8

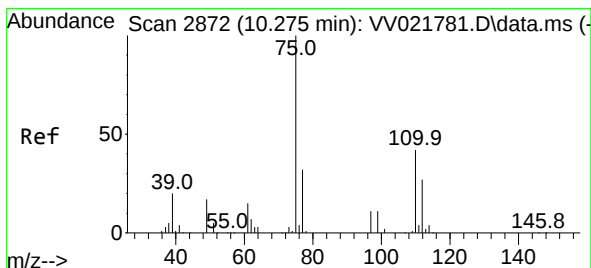
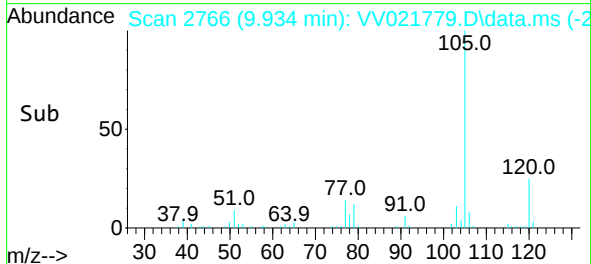
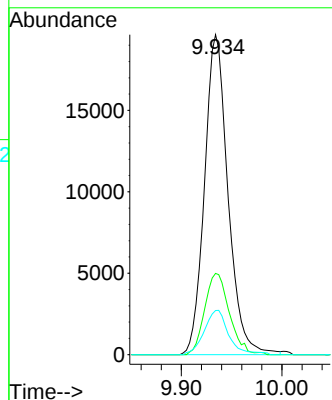
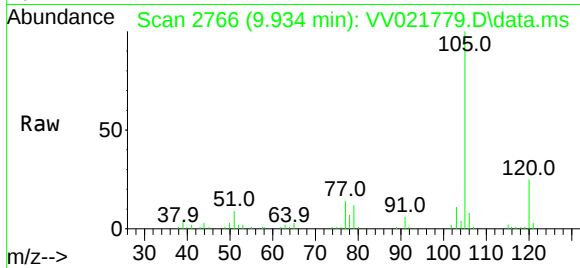




#60
Isopropylbenzene
Concen: 7.113 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

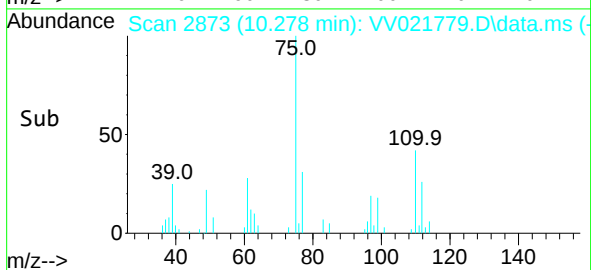
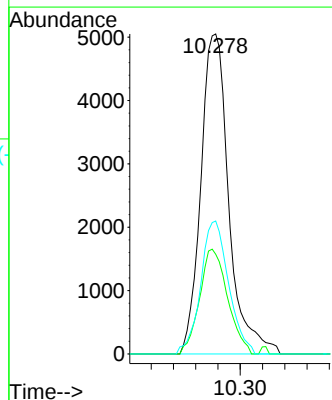
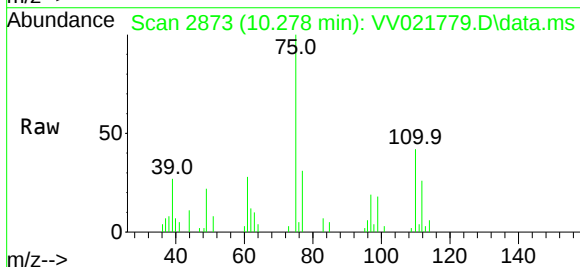
Instrument :
MSVOA_V
ClientSampleId :

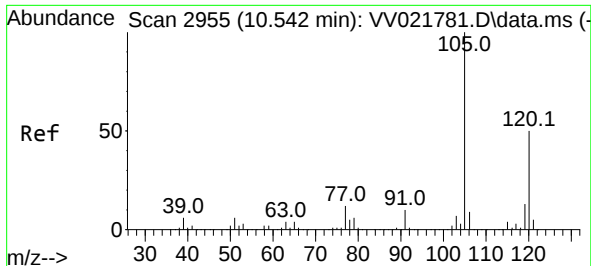
Tgt Ion:	105	Resp:	31884
Ion Ratio	Lower	Upper	
105	100		
120	26.4	21.3	31.9
77	14.4	11.8	17.8



#61
1,2,3-Trichloropropane
Concen: 6.980 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion:	75	Resp:	8812
Ion Ratio	Lower	Upper	
75	100		
77	32.8	25.5	38.3
110	41.5	33.4	50.2

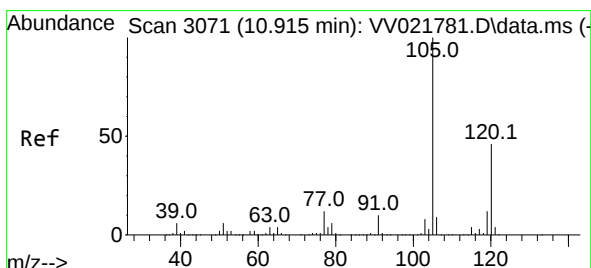
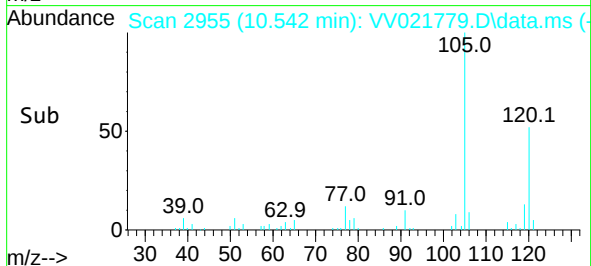
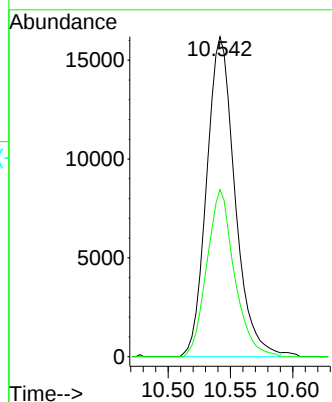
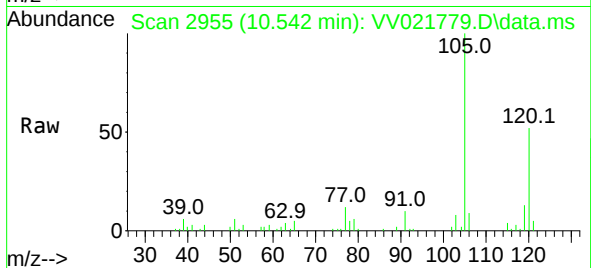




#62
1,3,5-Trimethylbenzene
Concen: 6.743 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

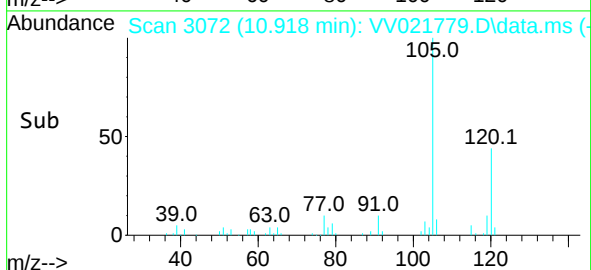
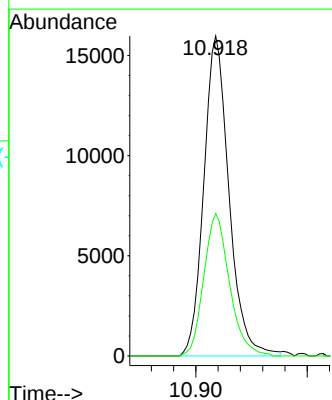
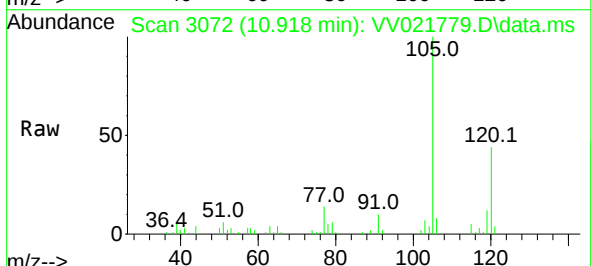
Instrument :
MSVOA_V
ClientSampled :

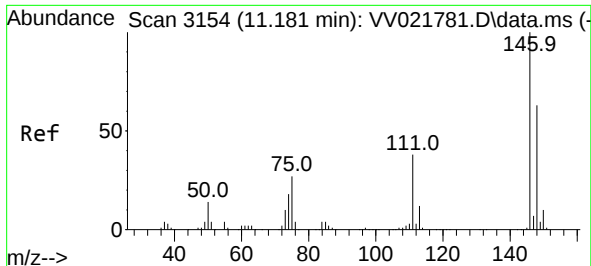
Tgt Ion:105 Resp: 25563
Ion Ratio Lower Upper
105 100
120 50.8 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 6.606 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion:105 Resp: 25085
Ion Ratio Lower Upper
105 100
120 45.4 37.3 55.9

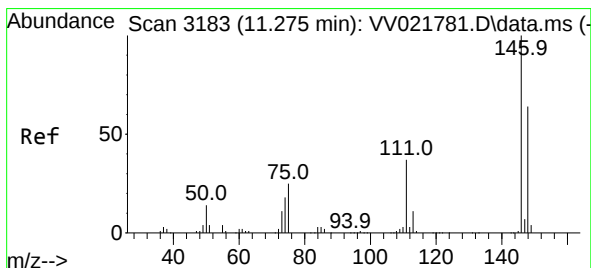
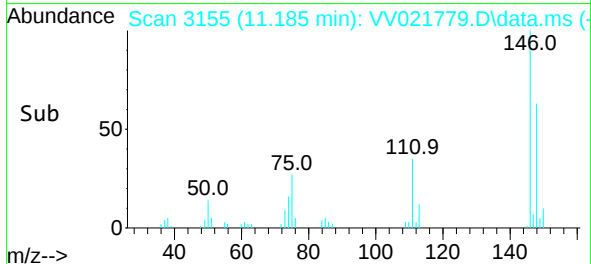
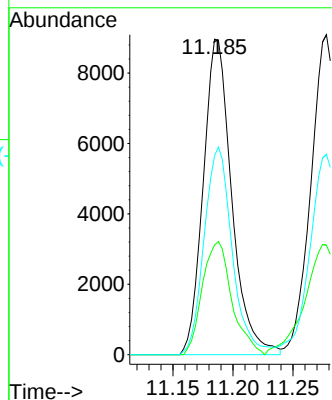
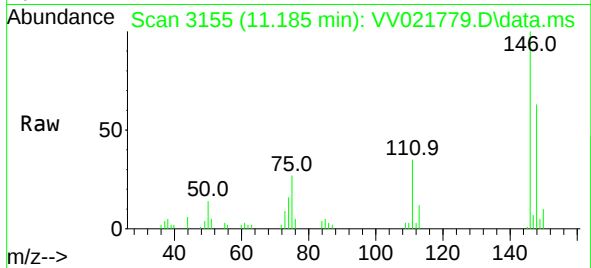




#64
1,3-Dichlorobenzene
Concen: 6.676 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

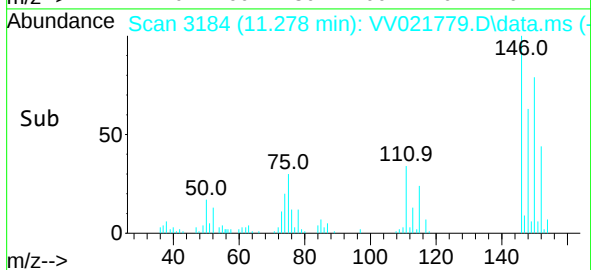
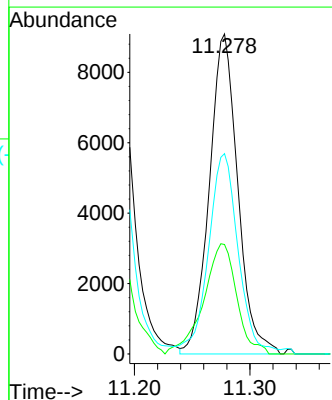
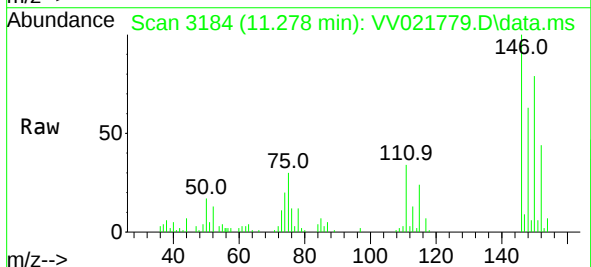
Instrument :
MSVOA_V
ClientSampleId :

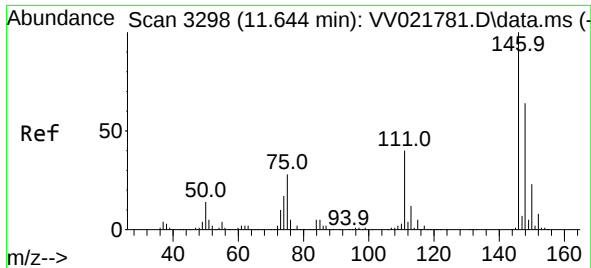
Tgt Ion:146 Resp: 14821
Ion Ratio Lower Upper
146 100
111 34.8 26.5 49.1
148 63.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 6.836 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion:146 Resp: 15551
Ion Ratio Lower Upper
146 100
111 34.2 26.2 48.6
148 62.6 45.1 83.9

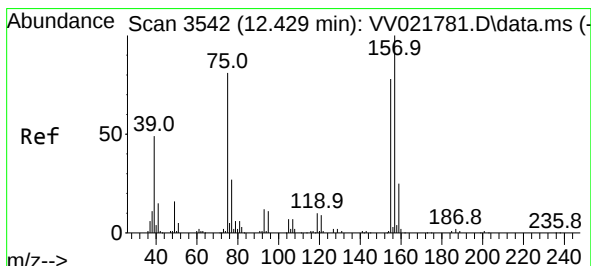
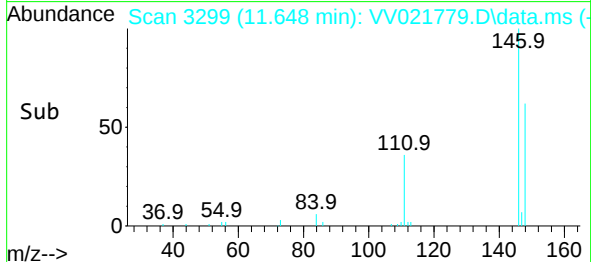
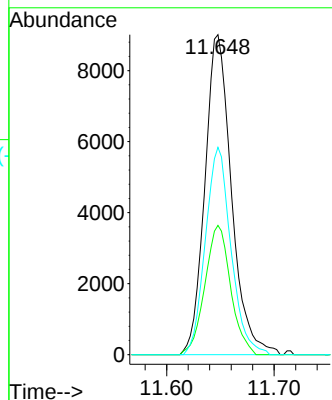
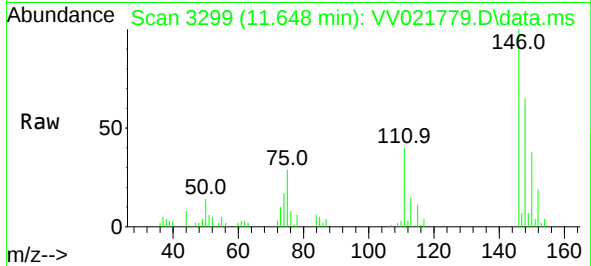




#67
1,2-Dichlorobenzene
Concen: 6.778 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

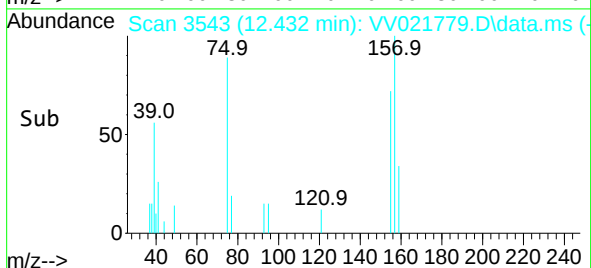
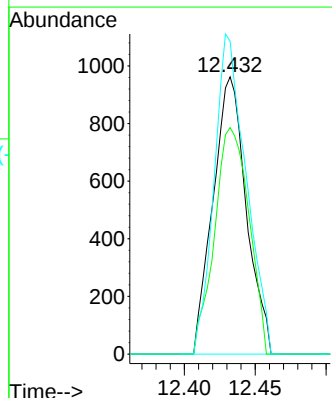
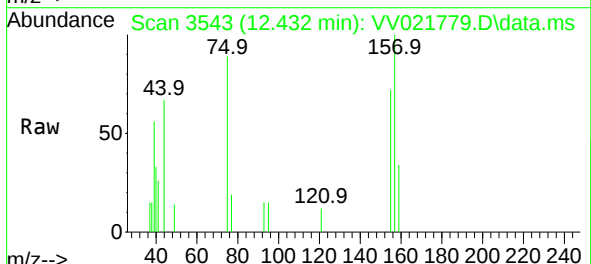
Instrument :
MSVOA_V
ClientSampled :

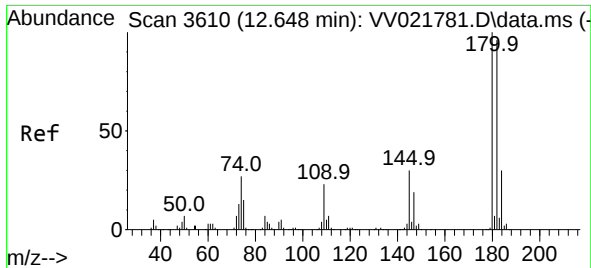
Tgt Ion:146 Resp: 15529
Ion Ratio Lower Upper
146 100
111 40.4 31.8 47.8
148 64.8 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.303 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion: 75 Resp: 1571
Ion Ratio Lower Upper
75 100
155 81.7 77.8 116.8
157 112.9 99.4 149.0

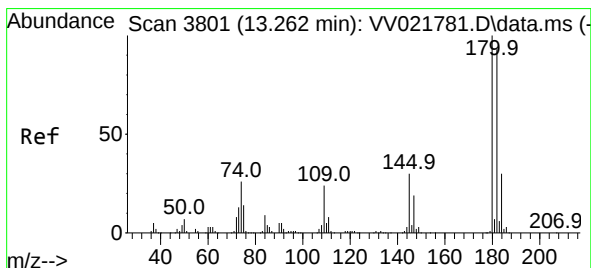
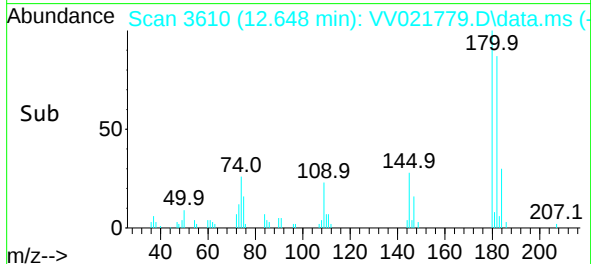
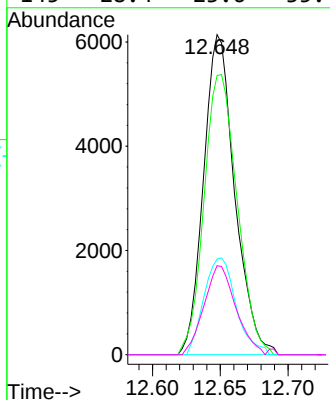
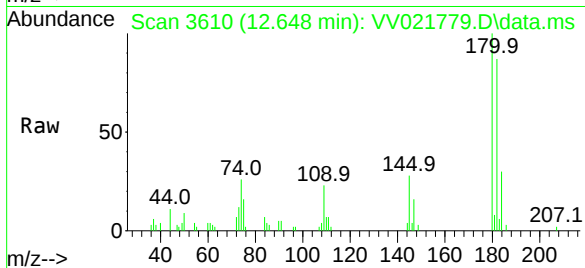




#69
1,3,5-Trichlorobenzene
Concen: 5.748 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

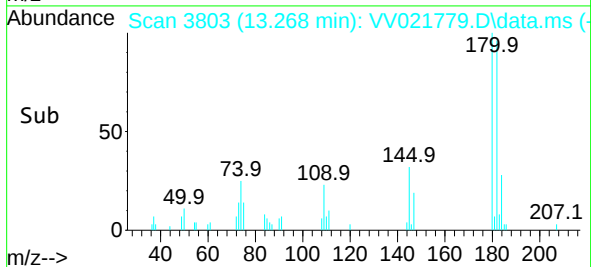
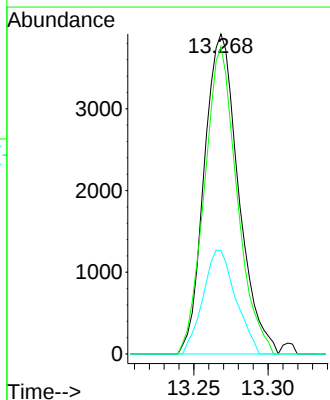
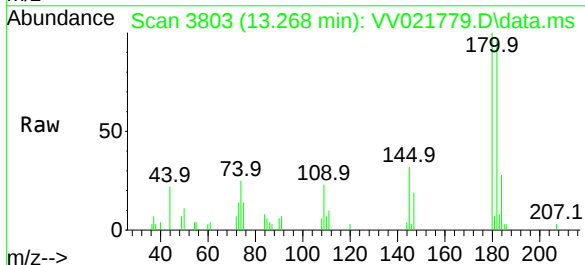
Instrument :
MSVOA_V
ClientSampleId :

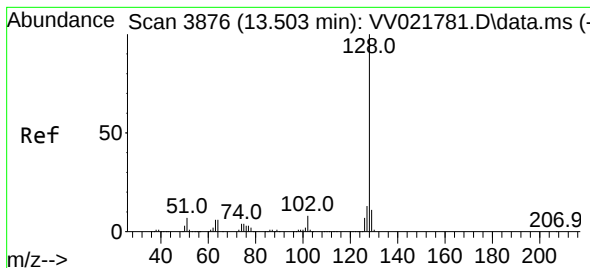
Tgt Ion:	180	Resp:	9808
Ion Ratio	Lower	Upper	
180	100		
182	93.1	76.8	115.2
184	31.2	24.1	36.1
145	28.4	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 4.469 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.006 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion:	180	Resp:	6279
Ion Ratio	Lower	Upper	
180	100		
182	91.2	75.8	113.6
145	31.0	23.9	35.9

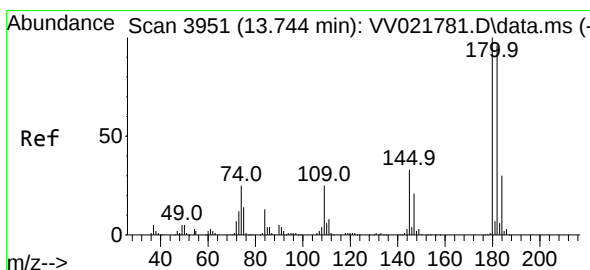
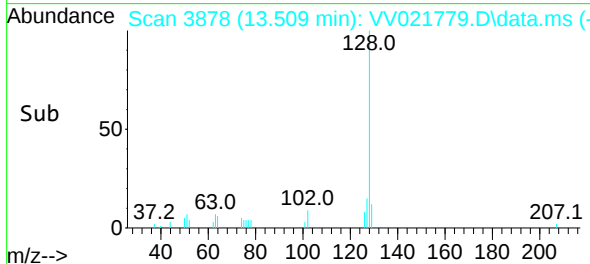
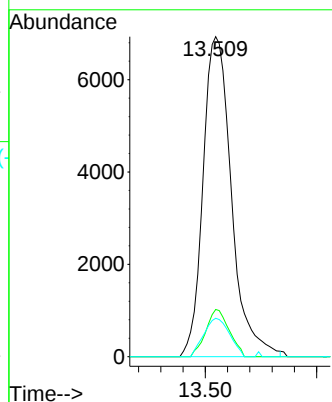
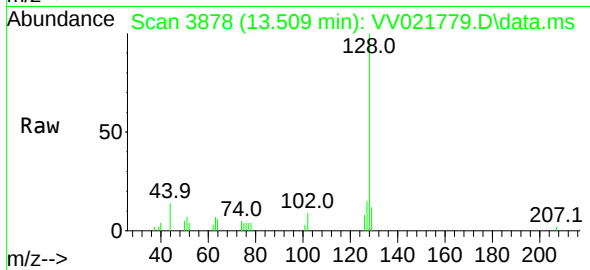




#71
Naphthalene
Concen: 3.132 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128	Resp:	12284
Ion Ratio	Lower	Upper
128	100	
127	12.1	10.0 15.0
129	10.8	8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 4.333 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021779.D
Acq: 16 Aug 2021 09:30

Tgt Ion:180	Resp:	6135
Ion Ratio	Lower	Upper
180	100	
182	100.2	76.2 114.2
145	31.1	25.6 38.4

