

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081621\
 Data File : VW021781.D
 Acq On : 16 Aug 2021 10:18
 Operator : SY/MD
 Sample : VSTD05040
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 17 03:51:37 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	5.619	114	467169	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	441185	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	234347	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	174393	46.108	ug/L	0.00
7) Chloroethane-d5	1.558	69	131091	46.858	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	287106	42.169	ug/L	0.00
21) 2-Butanone-d5	3.876	46	218241	113.363	ug/L	0.00
24) Chloroform-d	4.349	84	308897	46.139	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	175837	42.302	ug/L	0.00
32) Benzene-d6	5.050	84	612548	51.793	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	191601	53.564	ug/L	0.00
41) Toluene-d8	7.317	98	571582	50.642	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	94940	49.746	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	130797	97.034	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	245663	47.230	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	229825	49.664	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	195846	43.147	ug/L	100
3) Chloromethane	1.240	50	202833	50.121	ug/L	100
5) Vinyl chloride	1.310	62	200039	48.795	ug/L	100
6) Bromomethane	1.510	94	128857	46.672	ug/L	100
8) Chloroethane	1.577	64	120334	49.164	ug/L	100
9) Trichlorofluoromethane	1.748	101	275613	39.520	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	158782	44.641	ug/L	100
12) 1,1-Dichloroethene	2.114	96	150455	46.276	ug/L	100
13) Acetone	2.159	43	227071	122.848	ug/L #	100
14) Carbon disulfide	2.291	76	525905	56.086	ug/L	100
15) Methyl Acetate	2.426	43	202828	65.625	ug/L	100
16) Methylene chloride	2.503	84	198605	55.487	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	184380	56.353	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	571867	56.897	ug/L	100
19) 1,1-Dichloroethane	3.188	63	329165	55.837	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	204835	58.221	ug/L	100
22) 2-Butanone	3.957	43	312350	140.980	ug/L	100
23) Bromochloromethane	4.246	128	108508	54.458	ug/L	100
25) Chloroform	4.375	83	338180	51.983	ug/L	100
27) 1,2-Dichloroethane	5.130	62	244394	48.090	ug/L	100
29) Cyclohexane	4.680	56	297182	63.119	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	303524	51.577	ug/L	100
31) Carbon tetrachloride	4.828	117	263836	49.289	ug/L	100
33) Benzene	5.101	78	746958	58.762	ug/L	100
34) Trichloroethene	5.915	95	207244	58.923	ug/L	100
35) Methylcyclohexane	6.133	83	309724	59.056	ug/L	100
37) 1,2-Dichloropropane	6.175	63	187061	59.866	ug/L	100
38) Bromodichloromethane	6.513	83	248269	52.620	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	297238	59.152	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	525651	135.166	ug/L	100
42) Toluene	7.391	91	799703	58.042	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	286629	55.777	ug/L	100

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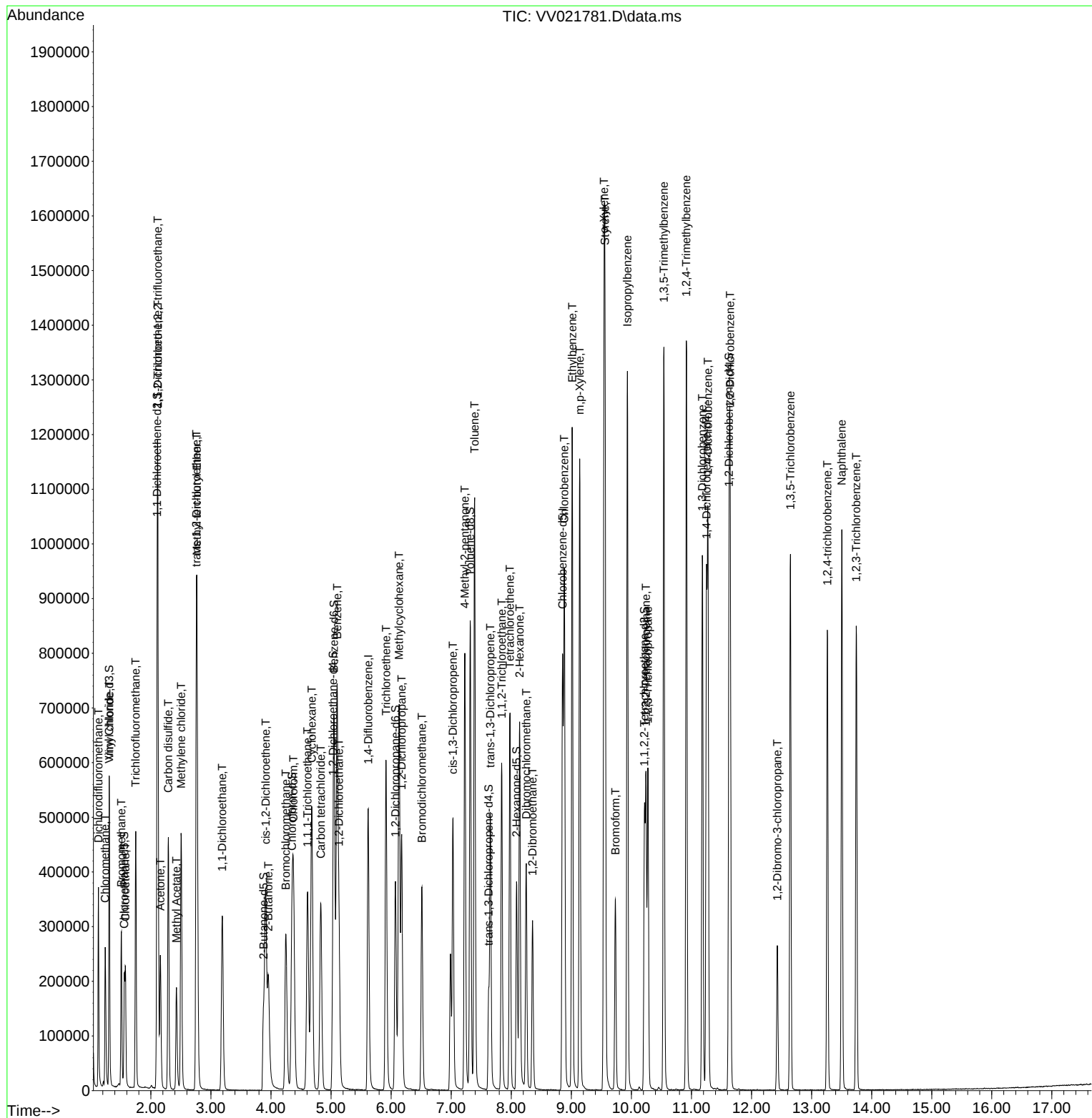
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	190306	56.695	ug/L	100
46) Tetrachloroethene	7.979	164	158338	51.964	ug/L	100
48) 2-Hexanone	8.140	43	414608	136.346	ug/L	100
49) Dibromochloromethane	8.249	129	215065	53.323	ug/L	100
50) 1,2-Dibromoethane	8.355	107	205984	56.867	ug/L	100
51) Chlorobenzene	8.882	112	520495	55.156	ug/L	100
52) Ethylbenzene	9.014	91	855769	56.547	ug/L	100
53) m,p-Xylene	9.140	106	330516	57.325	ug/L	100
54) o-Xylene	9.545	106	331171	58.183	ug/L	100
55) Styrene	9.561	104	563854	58.820	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	274628	52.612	ug/L	100
59) Bromoform	9.735	173	159702	54.625	ug/L	100
60) Isopropylbenzene	9.934	105	862078	59.615	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	234303	57.522	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	729435	59.638	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	747032	60.977	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	415550	58.015	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	412111	56.149	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	419033	56.688	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	60720	51.548	ug/L	100
69) 1,3,5-Trichlorobenzene	12.648	180	303626	55.155	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	260691	57.510	ug/L	100
71) Naphthalene	13.503	128	790629	62.479	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	261031	57.139	ug/L	100

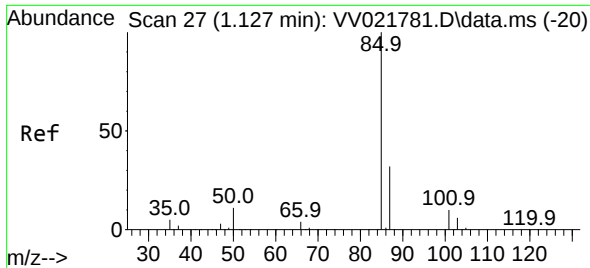
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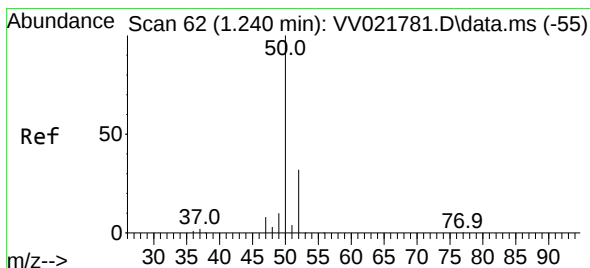
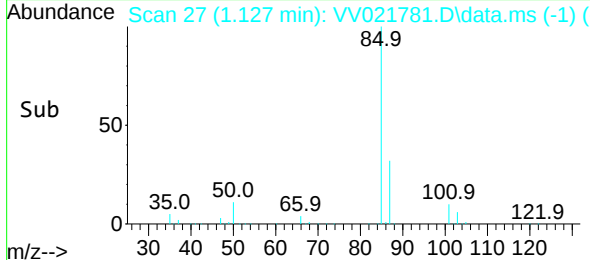
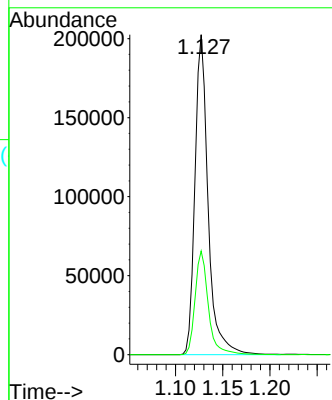
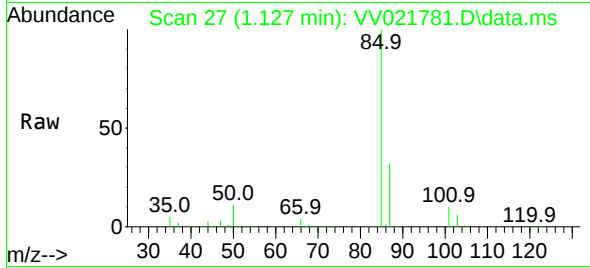




#2
 Dichlorodifluoromethane
 Concen: 43.147 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021781.D
 Acq: 16 Aug 2021 10:18

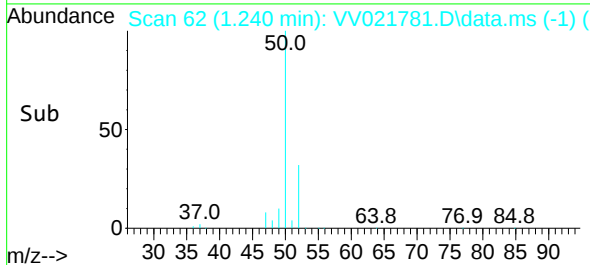
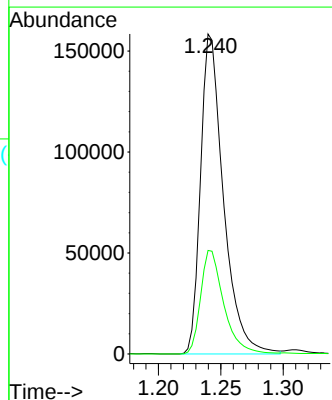
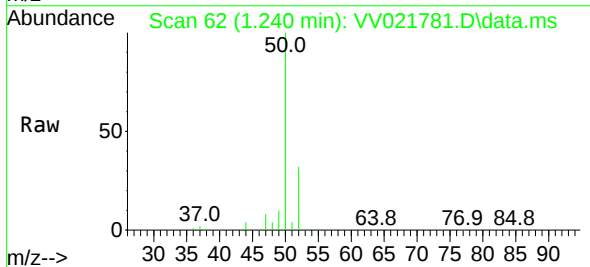
Instrument :
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 ClientSampled :

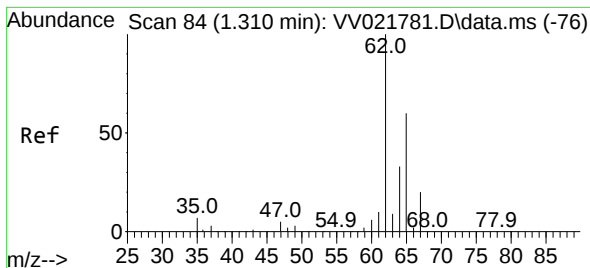
Tgt Ion: 85 Resp: 195846
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.1 39.1



#3
 Chloromethane
 Concen: 50.121 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021781.D
 Acq: 16 Aug 2021 10:18

Tgt Ion: 50 Resp: 202833
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.7 42.1

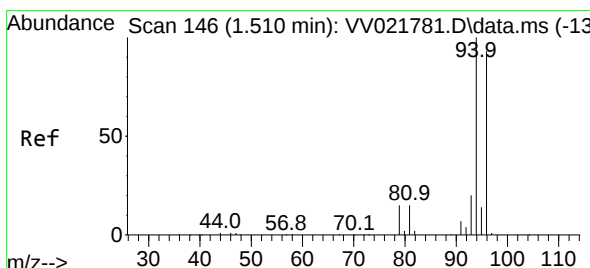
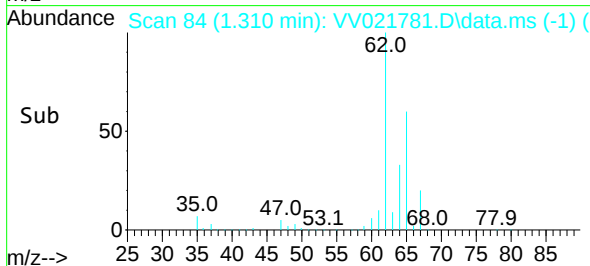
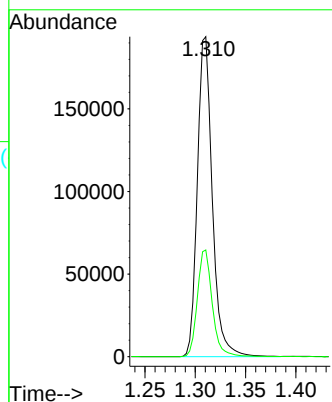
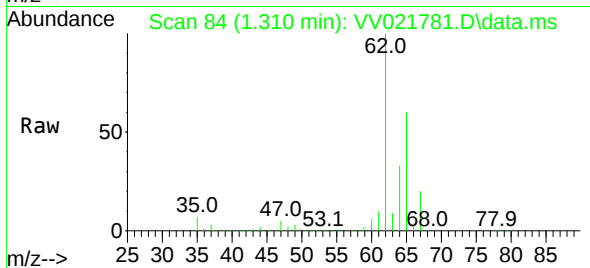




#5
 Vinyl chloride
 Concen: 48.795 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021781.D
 Acq: 16 Aug 2021 10:18

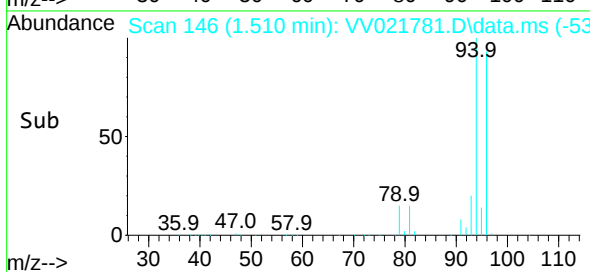
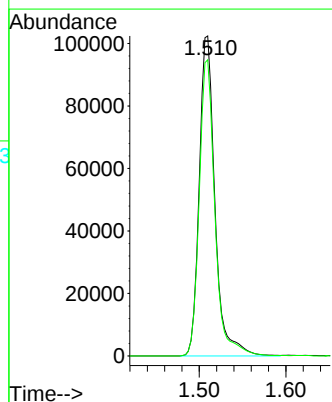
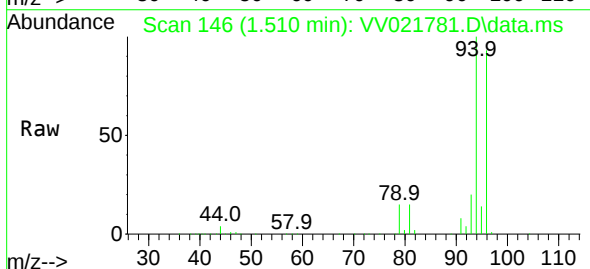
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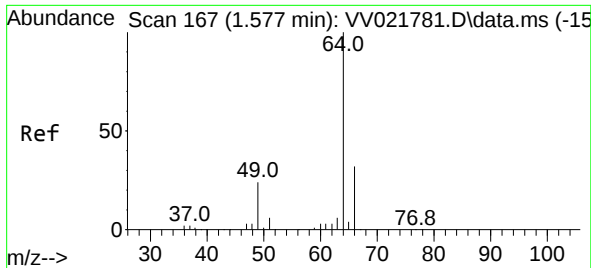
Tgt Ion: 62 Resp: 200039
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.4



#6
 Bromomethane
 Concen: 46.672 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. 0.000 min
 Lab File: VV021781.D
 Acq: 16 Aug 2021 10:18

Tgt Ion: 94 Resp: 128857
 Ion Ratio Lower Upper
 94 100
 96 92.5 64.8 120.3

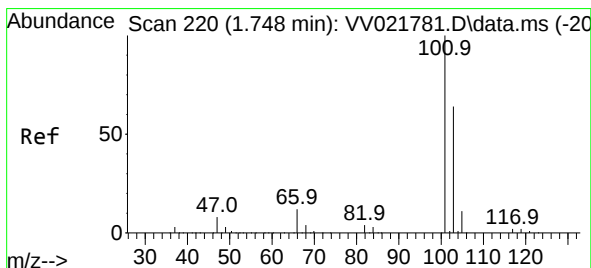
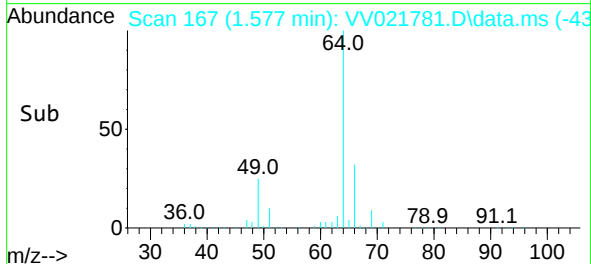
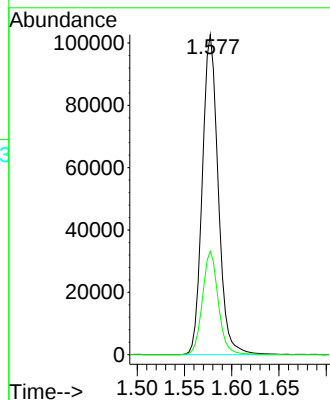
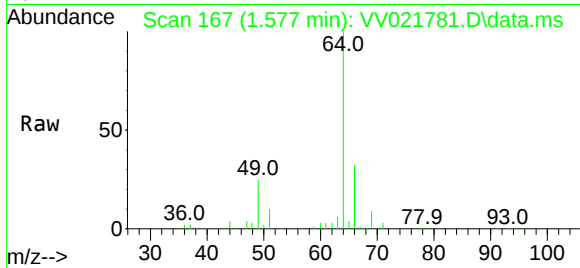




#8
Chloroethane
Concen: 49.164 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

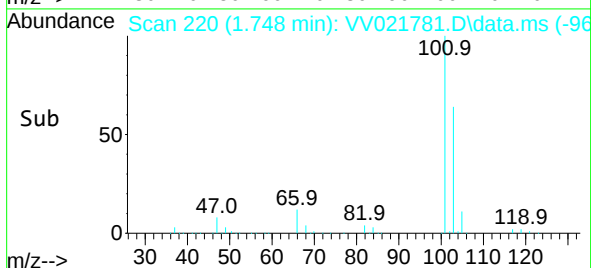
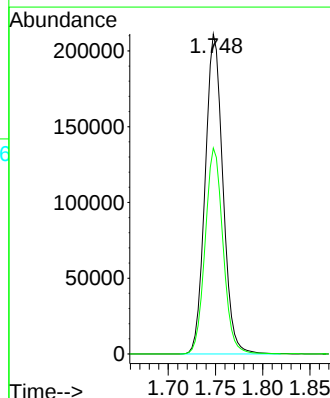
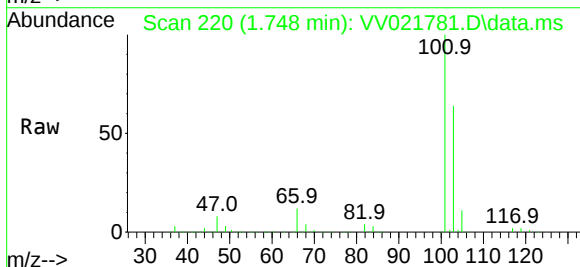
Instrument :
MSVOA_V
ClientSampled :

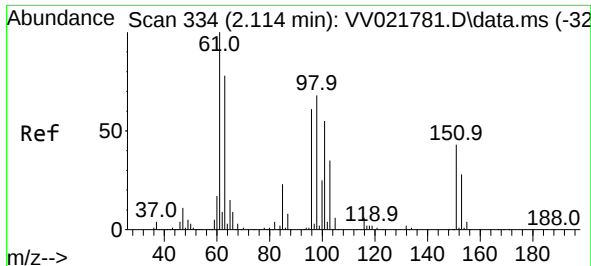
Tgt Ion: 64 Resp: 120334
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 39.520 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

Tgt Ion:101 Resp: 275613
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

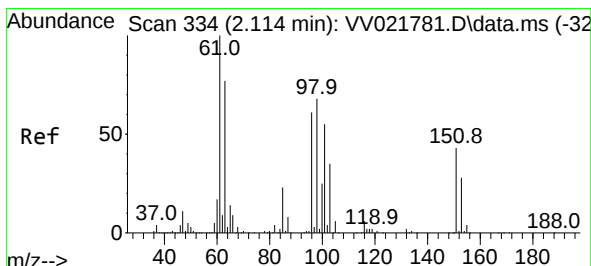
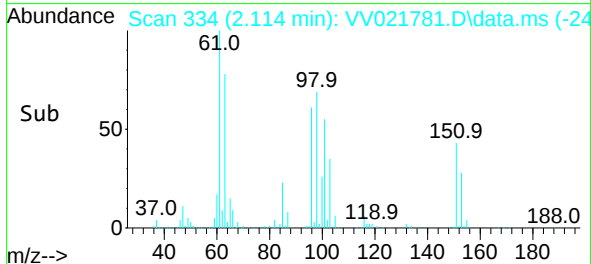
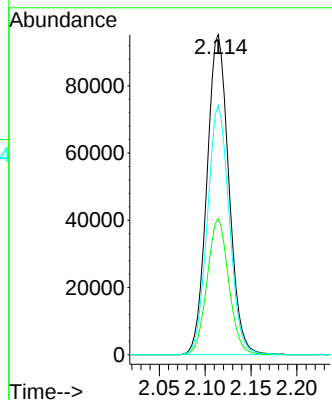
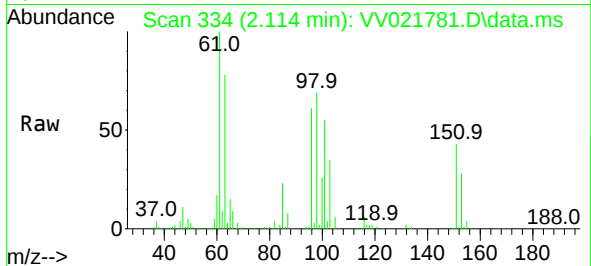




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.641 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV021781.D
 Acq: 16 Aug 2021 10:18

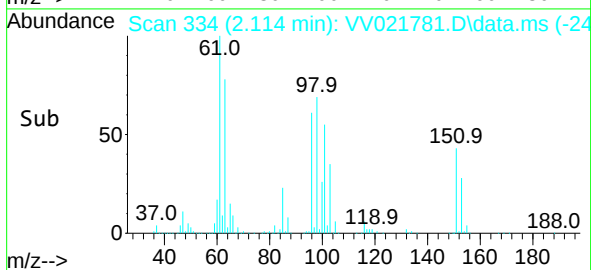
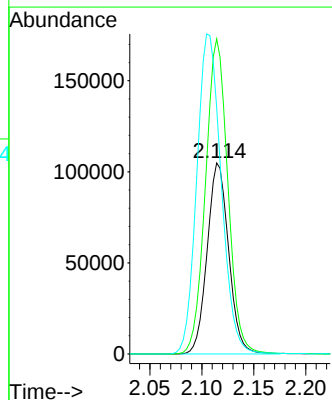
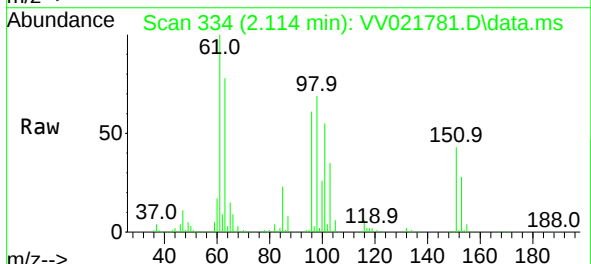
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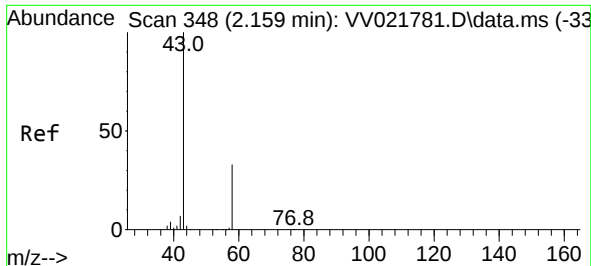
Tgt Ion:101 Resp: 158782
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.4 50.2
 151 77.7 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 46.276 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV021781.D
 Acq: 16 Aug 2021 10:18

Tgt Ion: 96 Resp: 150455
 Ion Ratio Lower Upper
 96 100
 61 165.0 115.5 214.5
 63 129.0 90.3 167.7

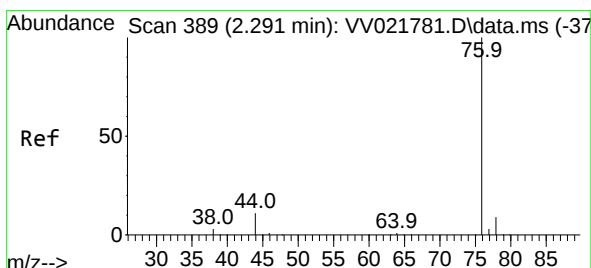
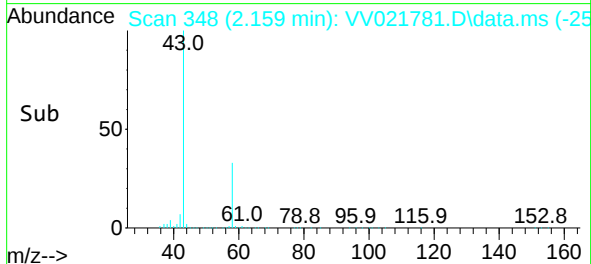
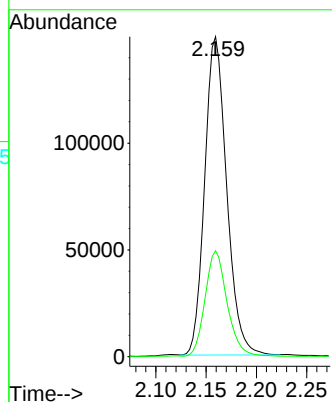
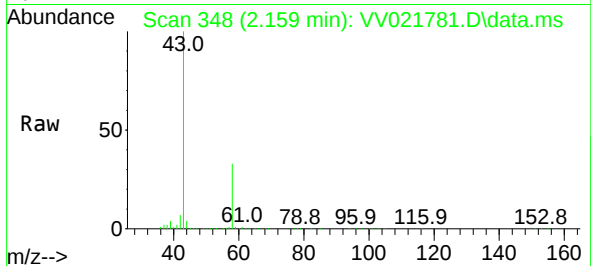




#13
Acetone
Concen: 122.848 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

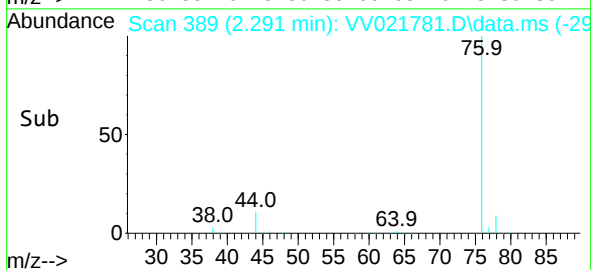
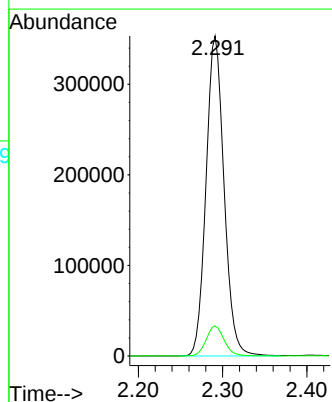
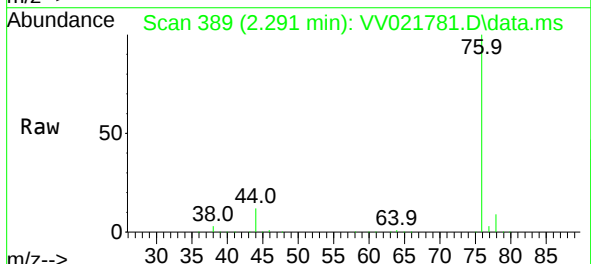
Instrument :
MSVOA_V
ClientSampled :

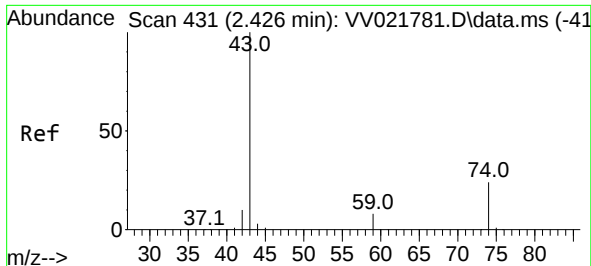
Tgt Ion: 43 Resp: 227071
Ion Ratio Lower Upper
43 100
58 33.3 0.0 0.0#



#14
Carbon disulfide
Concen: 56.086 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

Tgt Ion: 76 Resp: 525905
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

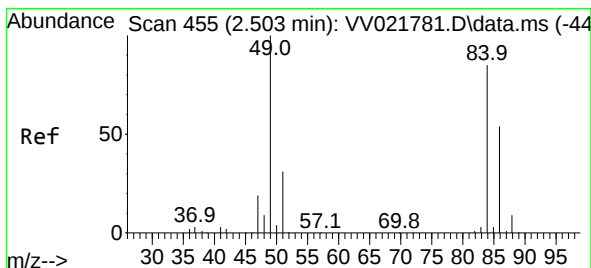
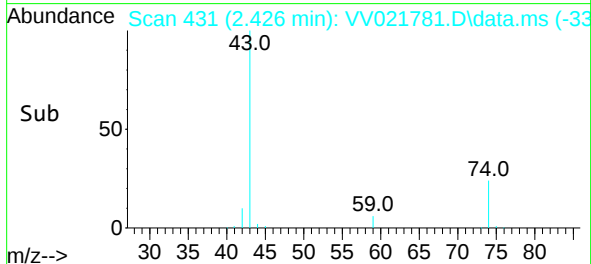
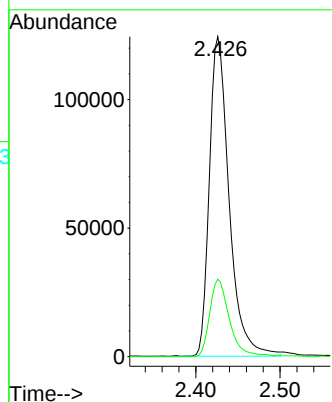
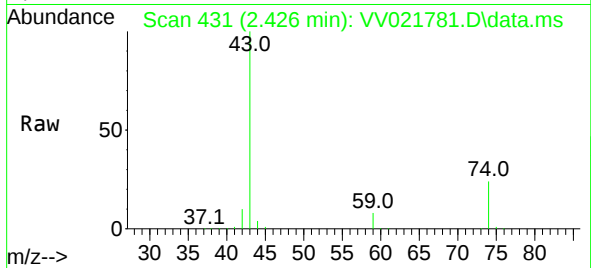




#15
Methyl Acetate
Concen: 65.625 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

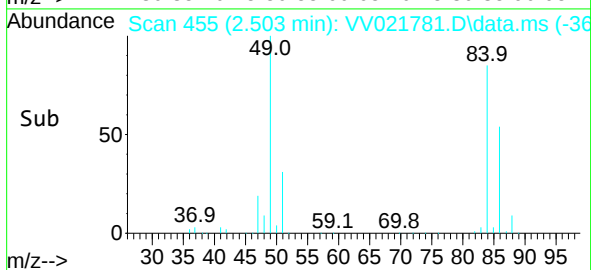
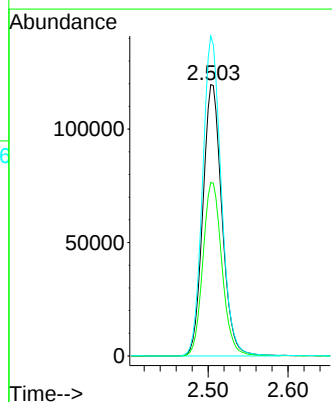
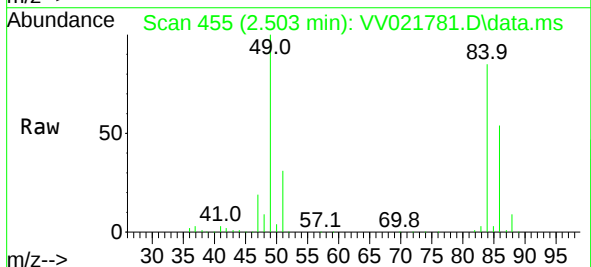
Instrument :
MSVOA_V
ClientSampled :

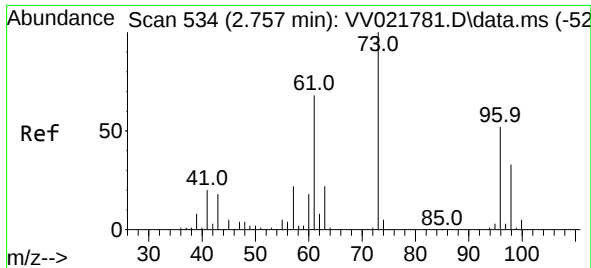
Tgt Ion: 43 Resp: 202828
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.6



#16
Methylene chloride
Concen: 55.487 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

Tgt Ion: 84 Resp: 198605
Ion Ratio Lower Upper
84 100
86 63.9 44.7 83.1
49 117.9 82.5 153.3



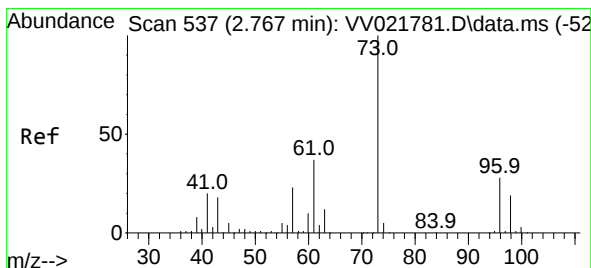
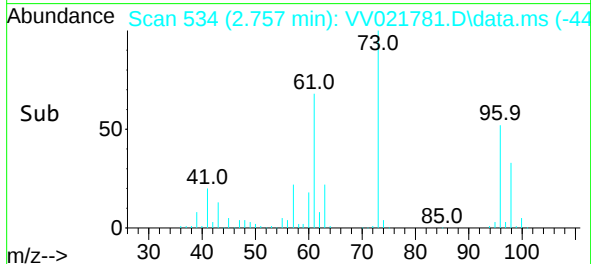
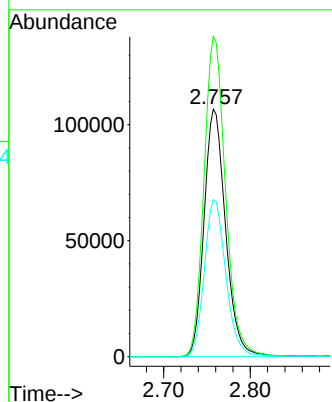
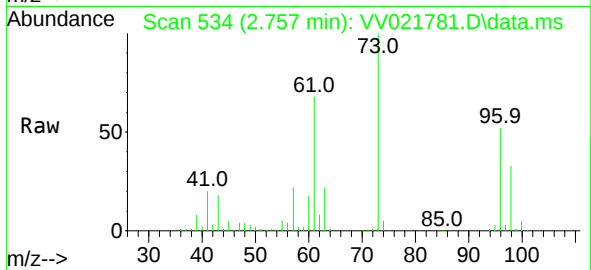


#17
 trans-1,2-Dichloroethene
 Concen: 56.353 ug/L
 RT: 2.757 min Scan# 534
 Delta R.T. 0.000 min
 Lab File: VV021781.D
 Acq: 16 Aug 2021 10:18

Instrument :
 MSVOA_V
 ClientSampled :

Tgt Ion: 96 Resp: 184380

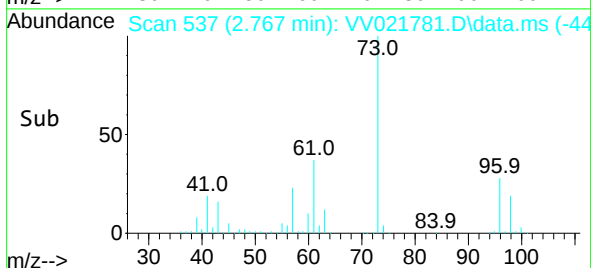
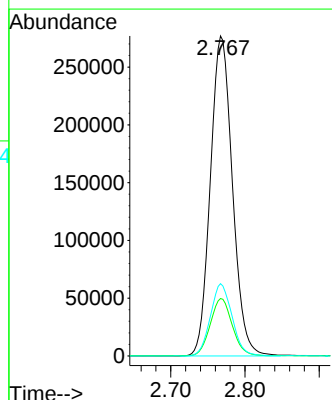
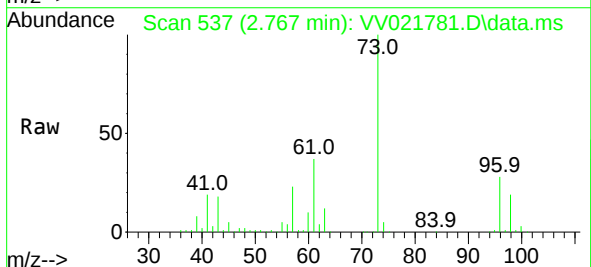
Ion	Ratio	Lower	Upper
96	100		
61	129.2	90.4	168.0
98	63.5	44.4	82.5

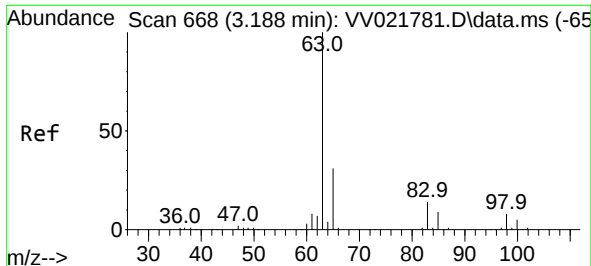


#18
 Methyl tert-butyl Ether
 Concen: 56.897 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.000 min
 Lab File: VV021781.D
 Acq: 16 Aug 2021 10:18

Tgt Ion: 73 Resp: 571867

Ion	Ratio	Lower	Upper
73	100		
43	17.8	14.2	21.4
57	22.1	17.7	26.5





#19

1,1-Dichloroethane

Concen: 55.837 ug/L

RT: 3.188 min Scan# 668

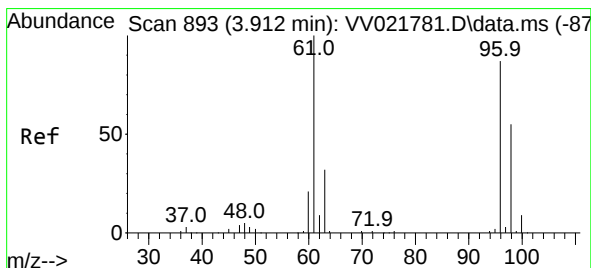
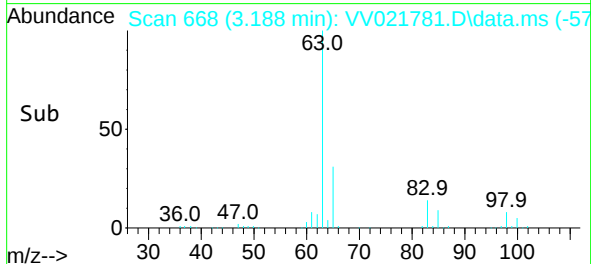
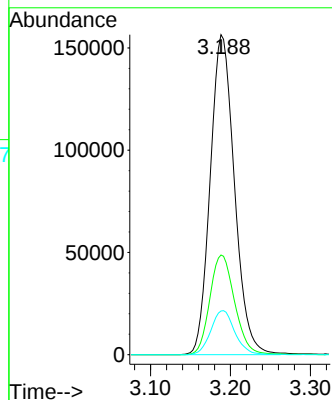
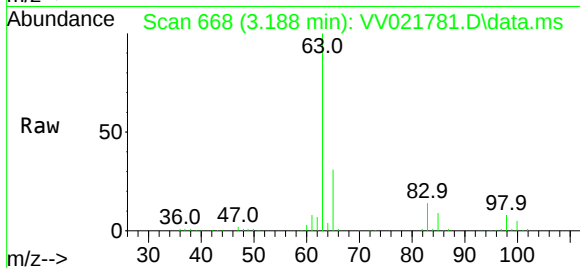
Delta R.T. 0.000 min

Lab File: VV021781.D

Acq: 16 Aug 2021 10:18

Tgt Ion: 63 Resp: 329165

Ion	Ratio	Lower	Upper
63	100		
65	31.2	21.8	40.6
83	13.7	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 58.221 ug/L

RT: 3.912 min Scan# 893

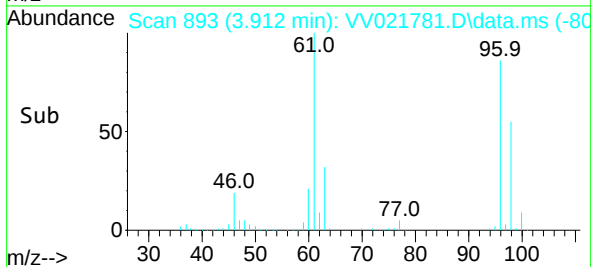
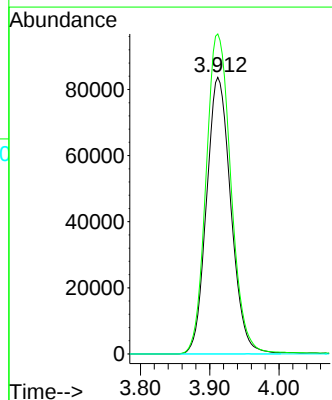
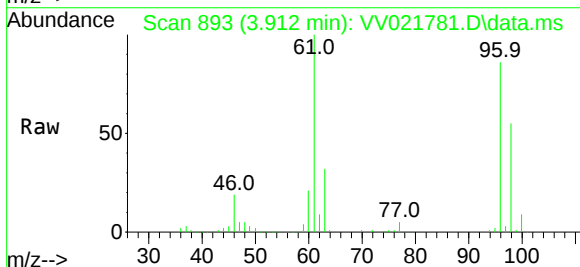
Delta R.T. 0.000 min

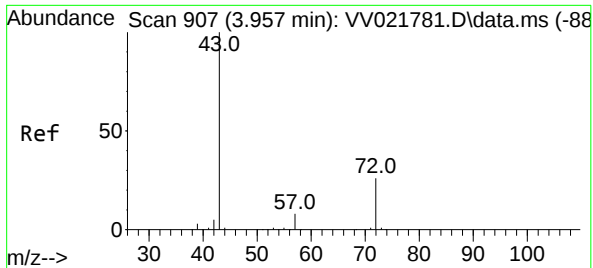
Lab File: VV021781.D

Acq: 16 Aug 2021 10:18

Tgt Ion: 96 Resp: 204835

Ion	Ratio	Lower	Upper
96	100		
61	115.7	81.0	150.4
68	0.0	0.0	0.0

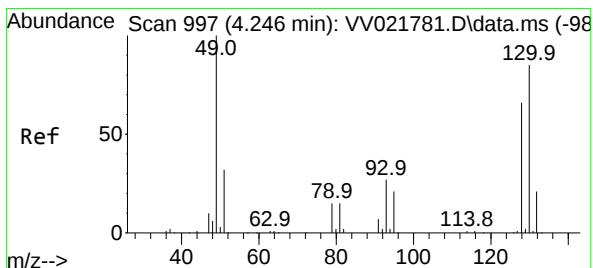
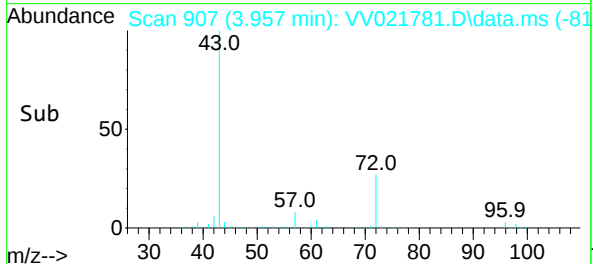
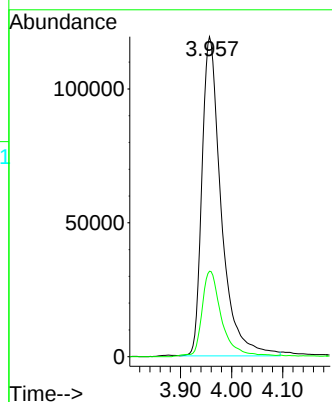
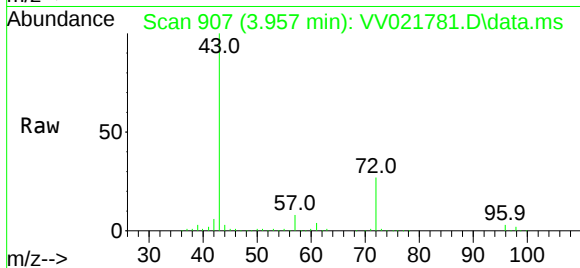




#22
2-Butanone
Concen: 140.980 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

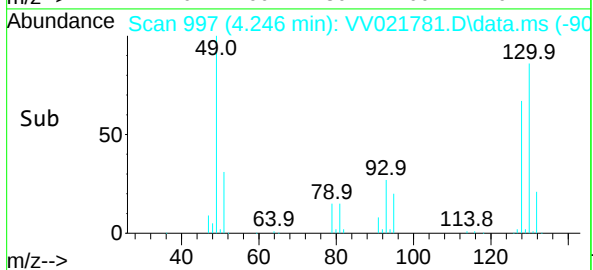
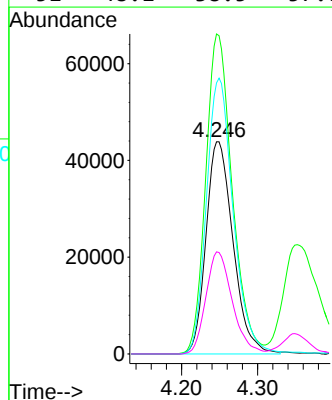
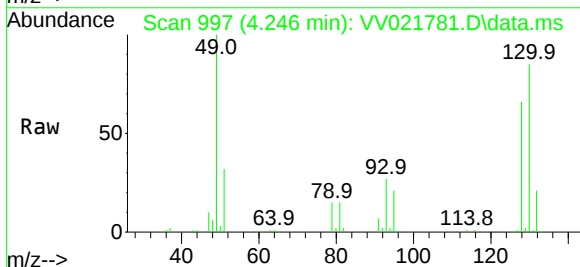
Instrument :
MSVOA_V
ClientSampled :

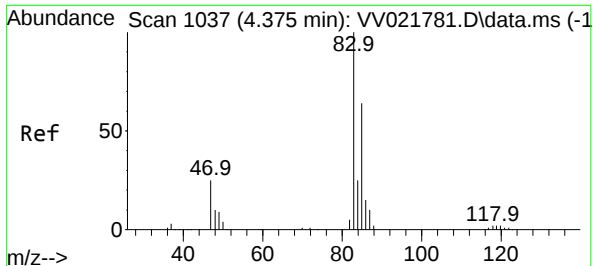
Tgt Ion: 43 Resp: 312350
Ion Ratio Lower Upper
43 100
72 27.2 13.6 40.8



#23
Bromochloromethane
Concen: 54.458 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

Tgt Ion: 128 Resp: 108508
Ion Ratio Lower Upper
128 100
49 150.8 105.6 196.0
130 127.8 89.5 166.1
51 48.1 38.5 57.7





#25

Chloroform

Concen: 51.983 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV021781.D

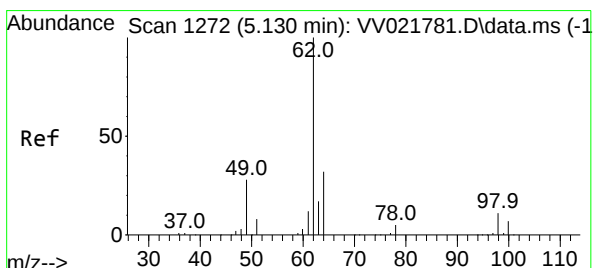
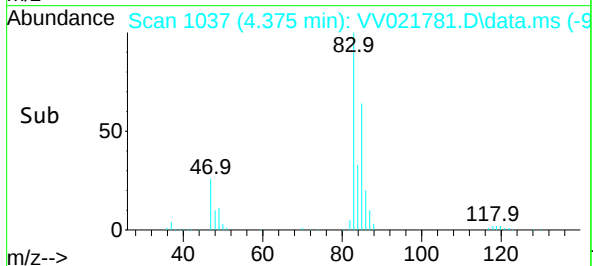
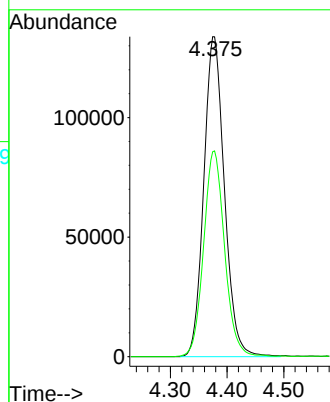
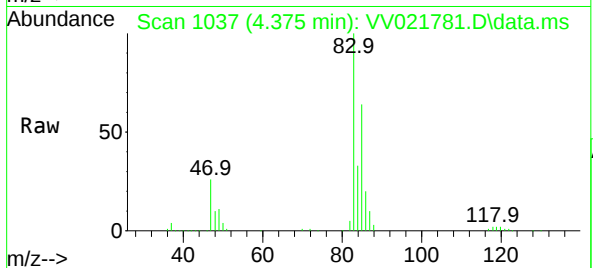
Acq: 16 Aug 2021 10:18

Tgt Ion: 83 Resp: 338180

Ion Ratio Lower Upper

83 100

85 64.0 44.8 83.2



#27

1,2-Dichloroethane

Concen: 48.090 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV021781.D

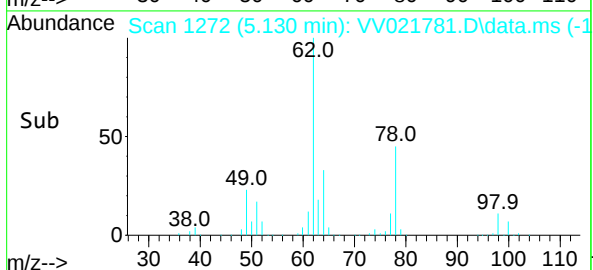
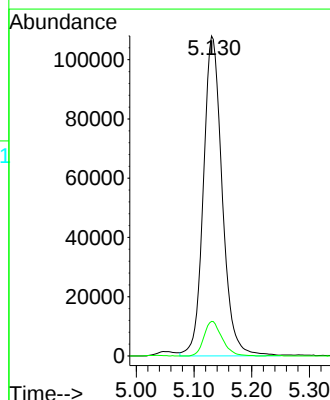
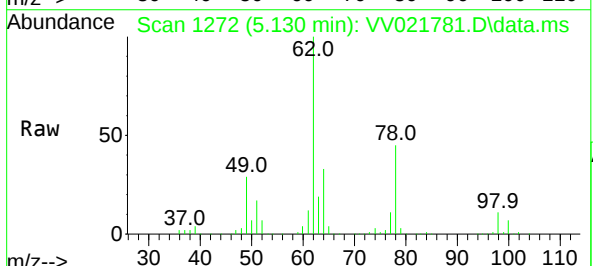
Acq: 16 Aug 2021 10:18

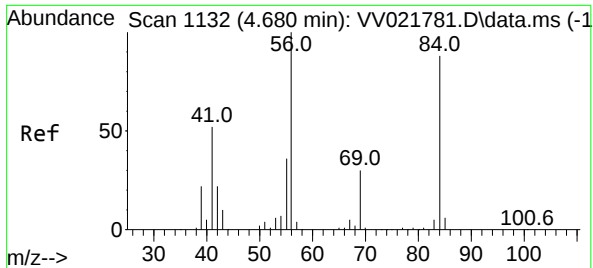
Tgt Ion: 62 Resp: 244394

Ion Ratio Lower Upper

62 100

98 10.8 8.6 13.0





#29

Cyclohexane

Concen: 63.119 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

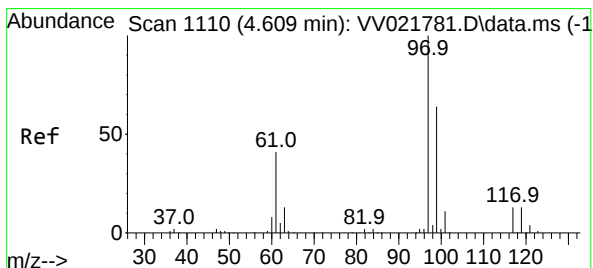
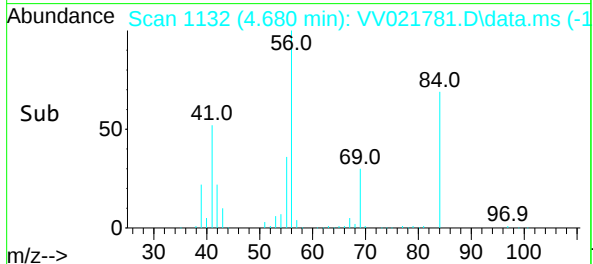
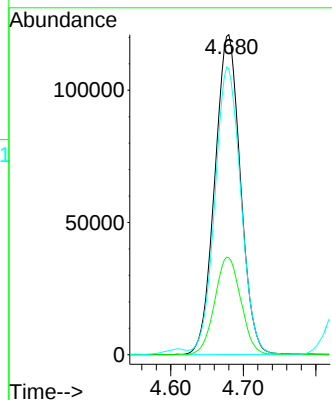
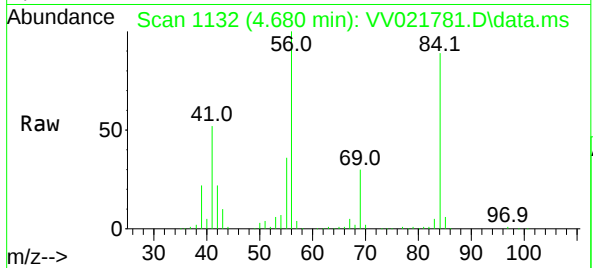
Lab File: VV021781.D

Acq: 16 Aug 2021 10:18

Tgt Ion: 56 Resp: 297182

Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.9	37.3
84	90.8	72.6	109.0

Instrument :
MSVOA_V
ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 51.577 ug/L

RT: 4.609 min Scan# 1110

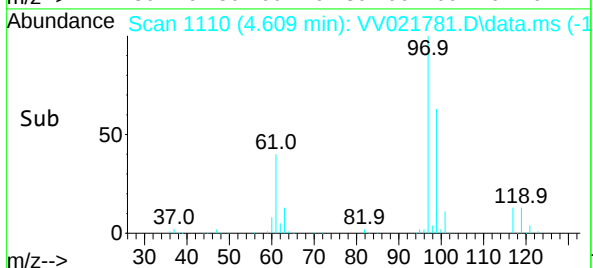
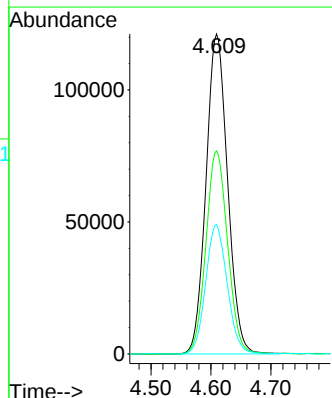
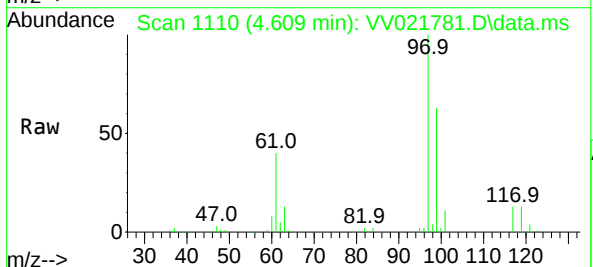
Delta R.T. 0.000 min

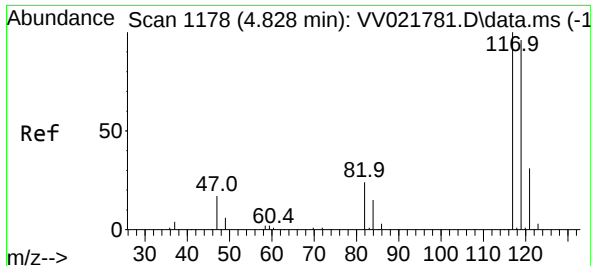
Lab File: VV021781.D

Acq: 16 Aug 2021 10:18

Tgt Ion: 97 Resp: 303524

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.4
61	40.4	32.3	48.5

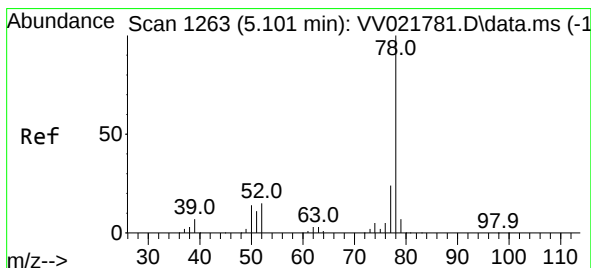
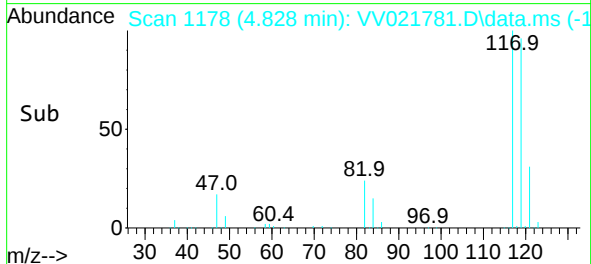
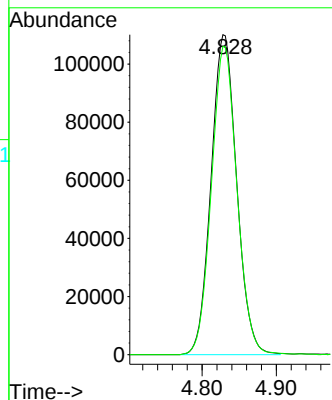
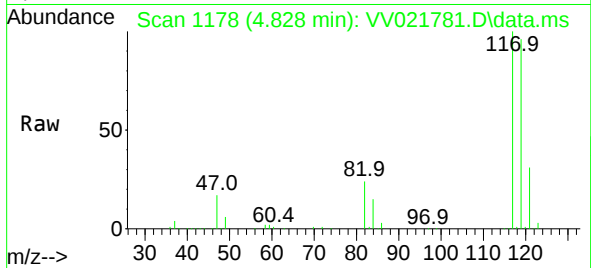




#31
Carbon tetrachloride
Concen: 49.289 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

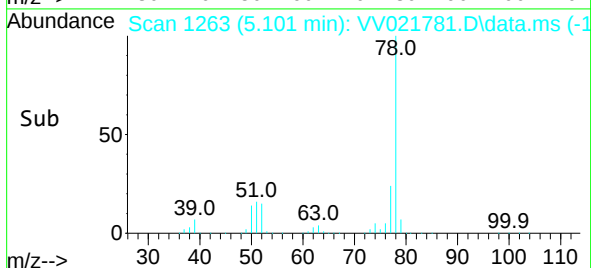
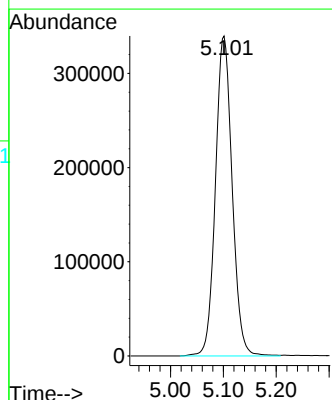
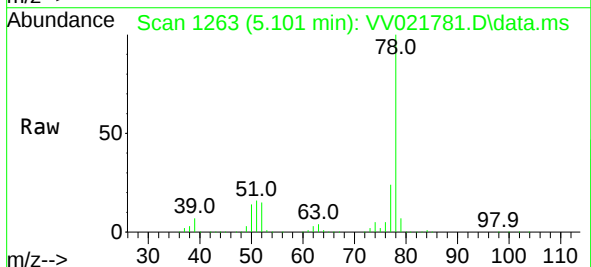
Instrument :
MSVOA_V
ClientSampled :

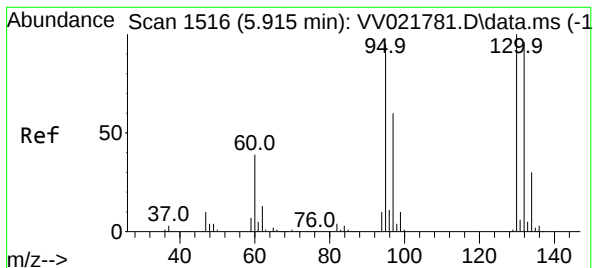
Tgt Ion:117 Resp: 263836
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7



#33
Benzene
Concen: 58.762 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

Tgt Ion: 78 Resp: 746958





#34

Trichloroethene

Concen: 58.923 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV021781.D

Acq: 16 Aug 2021 10:18

Tgt Ion: 95 Resp: 207244

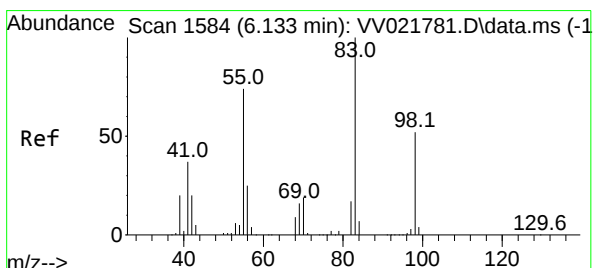
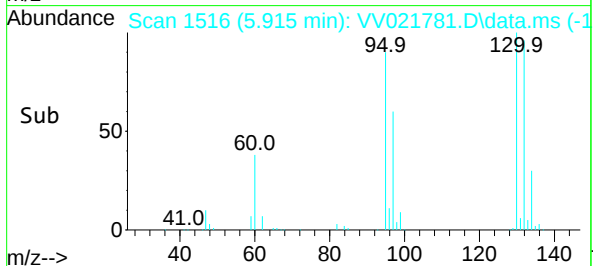
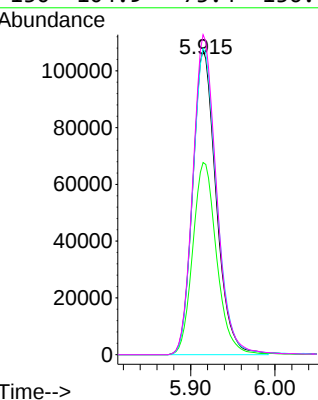
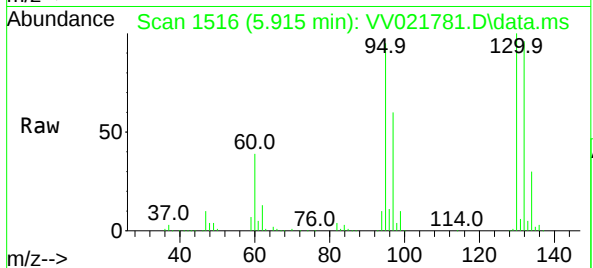
Ion Ratio Lower Upper

95 100

97 63.0 44.1 81.9

132 100.3 70.2 130.4

130 104.9 73.4 136.4



#35

Methylcyclohexane

Concen: 59.056 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.000 min

Lab File: VV021781.D

Acq: 16 Aug 2021 10:18

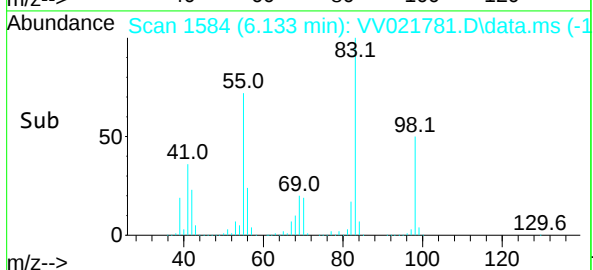
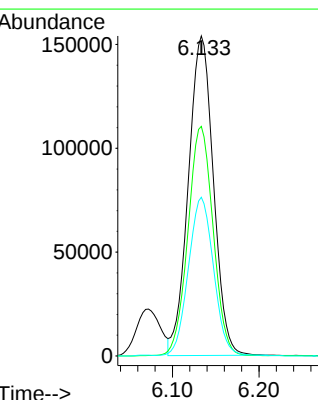
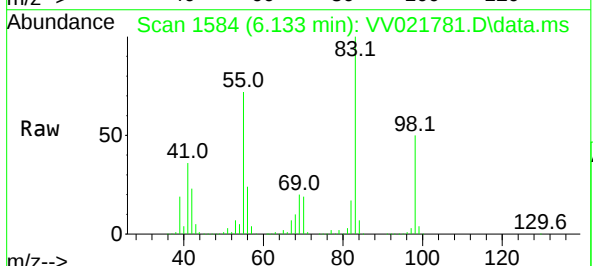
Tgt Ion: 83 Resp: 309724

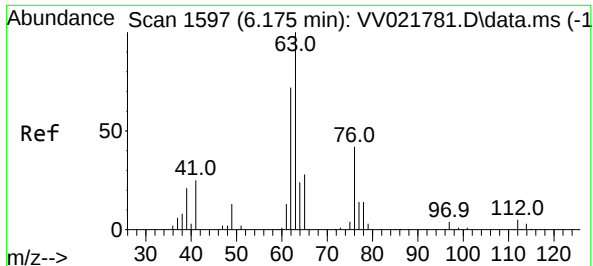
Ion Ratio Lower Upper

83 100

55 72.4 57.9 86.9

98 49.9 39.9 59.9

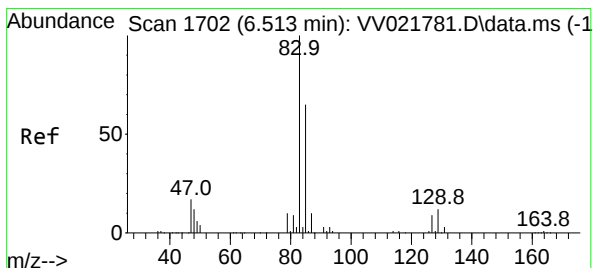
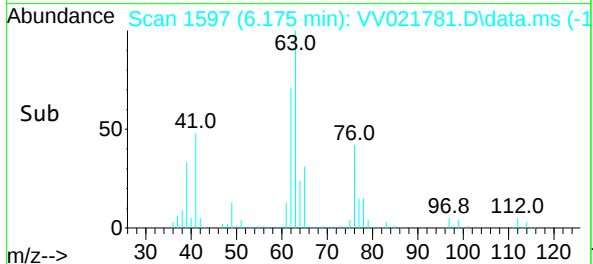
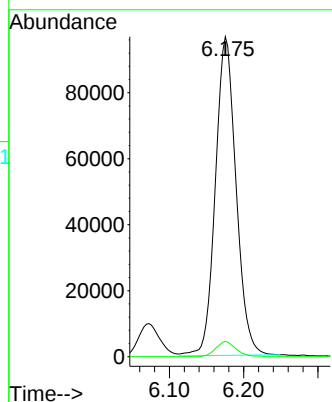
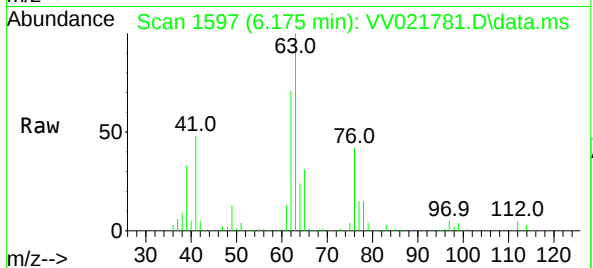




#37
1,2-Dichloropropane
Concen: 59.866 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

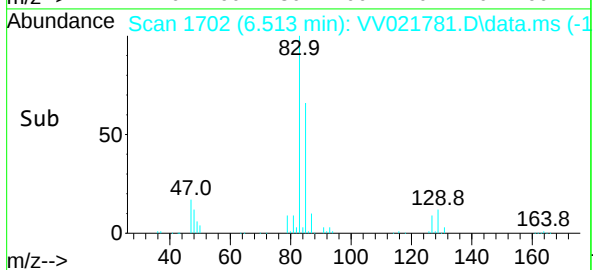
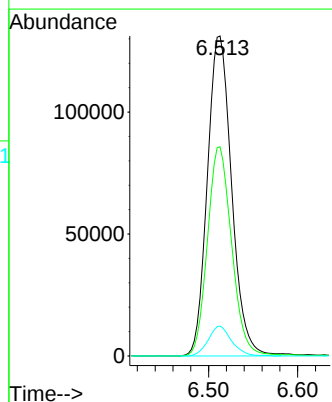
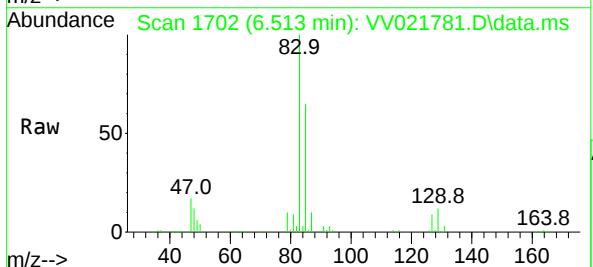
Instrument :
MSVOA_V
ClientSampled :

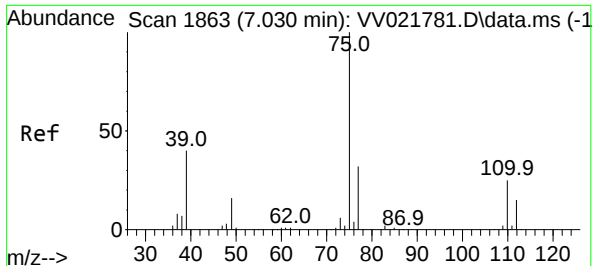
Tgt Ion: 63 Resp: 187061
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 52.620 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

Tgt Ion: 83 Resp: 248269
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9
127 9.3 7.4 11.2

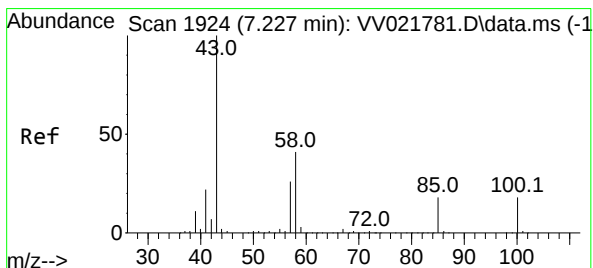
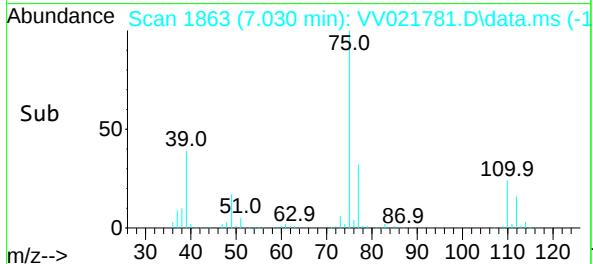
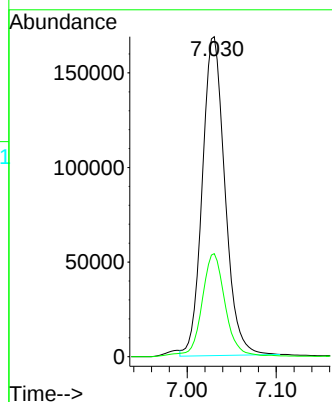
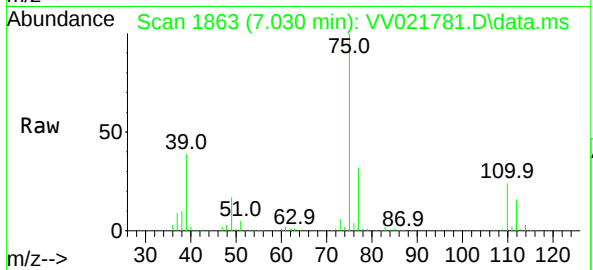




#39
 cis-1,3-Dichloropropene
 Concen: 59.152 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VV021781.D
 Acq: 16 Aug 2021 10:18

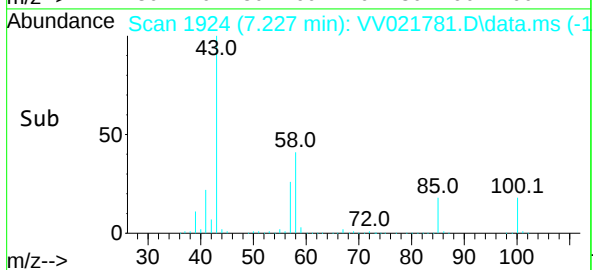
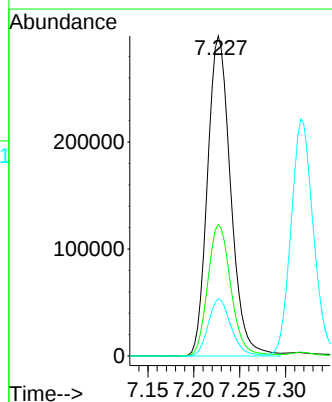
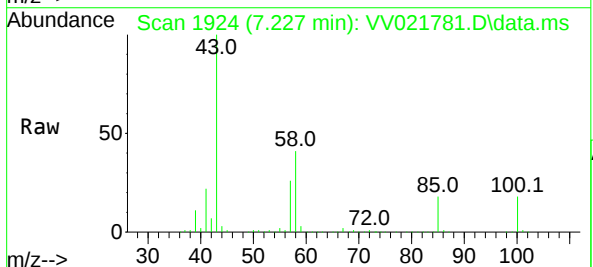
Instrument :
 MSVOA_V
 ClientSampled :

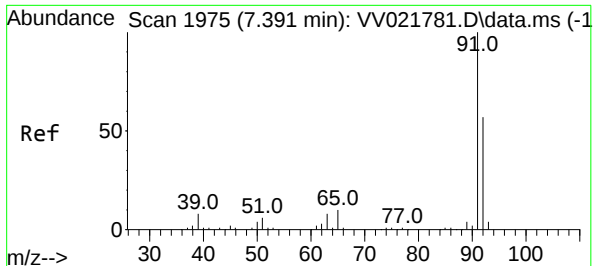
Tgt Ion: 75 Resp: 297238
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 135.166 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV021781.D
 Acq: 16 Aug 2021 10:18

Tgt Ion: 43 Resp: 525651
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.9 49.3
 100 17.5 14.0 21.0

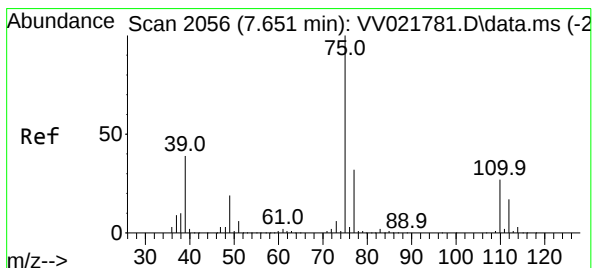
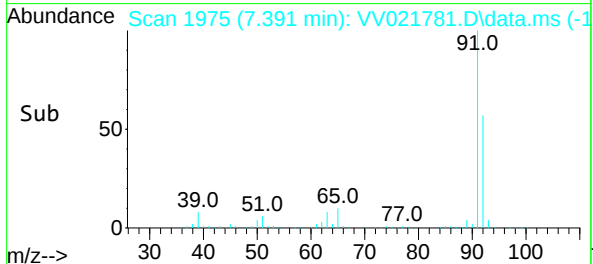
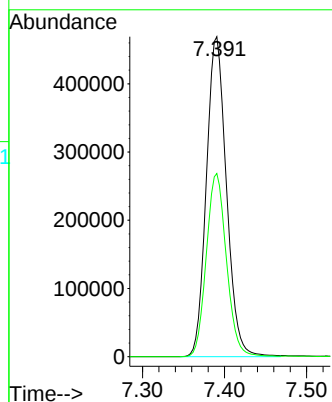
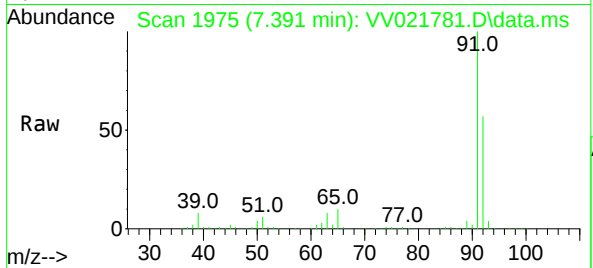




#42
Toluene
Concen: 58.042 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

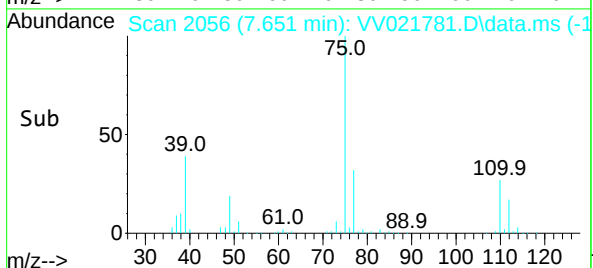
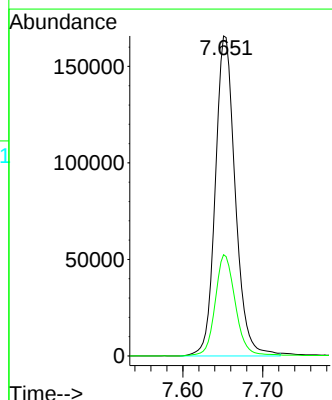
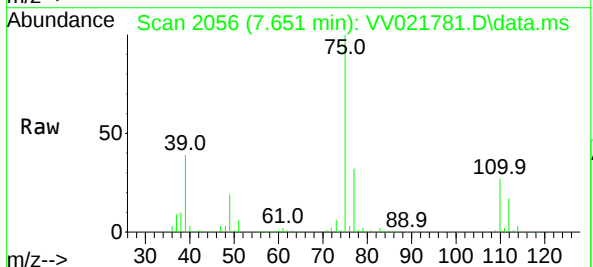
Instrument :
MSVOA_V
ClientSampled :

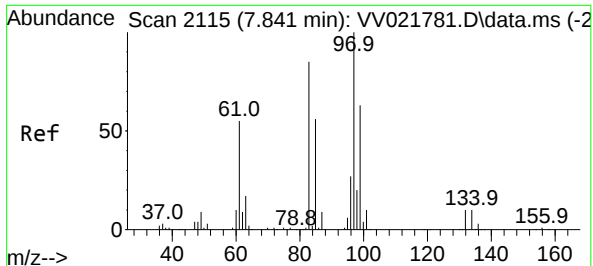
Tgt Ion: 91 Resp: 799703
Ion Ratio Lower Upper
91 100
92 57.3 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 55.777 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

Tgt Ion: 75 Resp: 286629
Ion Ratio Lower Upper
75 100
77 31.7 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 56.695 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VV021781.D

Acq: 16 Aug 2021 10:18

Tgt Ion: 97 Resp: 190306

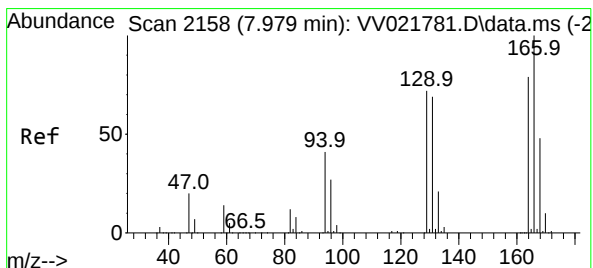
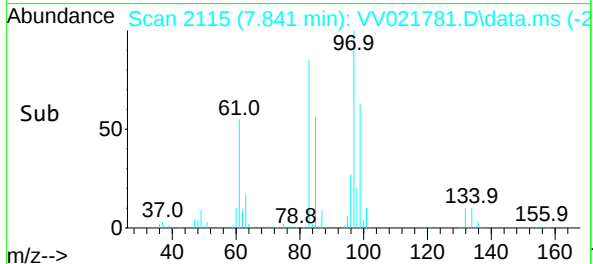
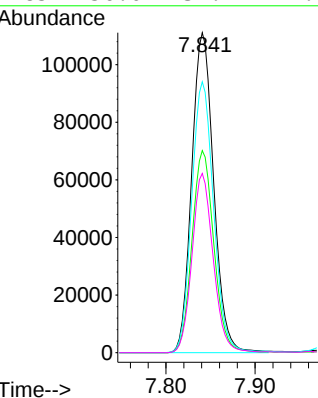
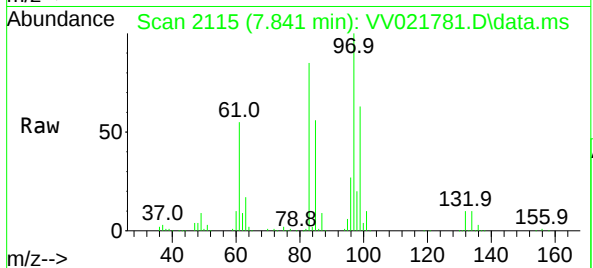
Ion Ratio Lower Upper

97 100

99 63.1 44.2 82.0

83 84.6 59.2 110.0

85 56.0 39.2 72.8



#46

Tetrachloroethene

Concen: 51.964 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.000 min

Lab File: VV021781.D

Acq: 16 Aug 2021 10:18

Tgt Ion: 164 Resp: 158338

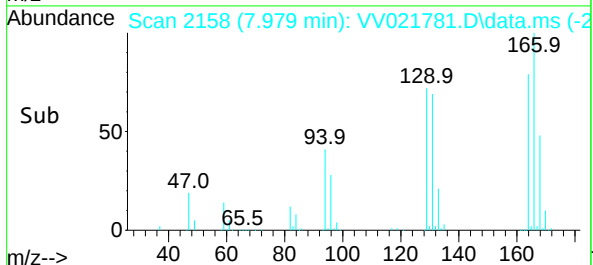
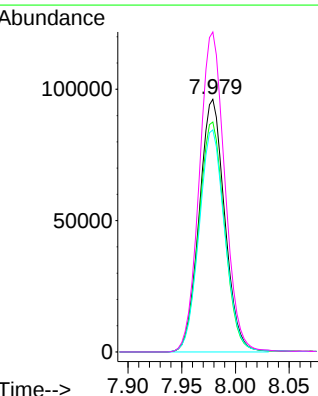
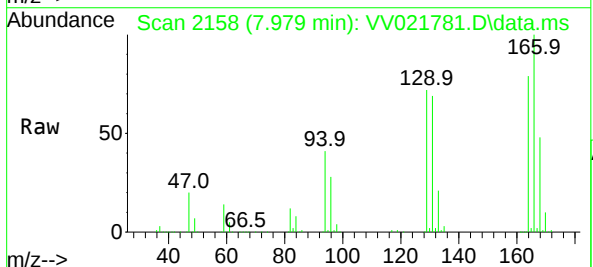
Ion Ratio Lower Upper

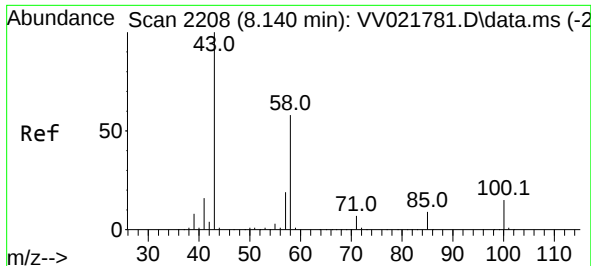
164 100

129 91.0 63.7 118.3

131 87.9 61.5 114.3

166 126.6 88.6 164.6

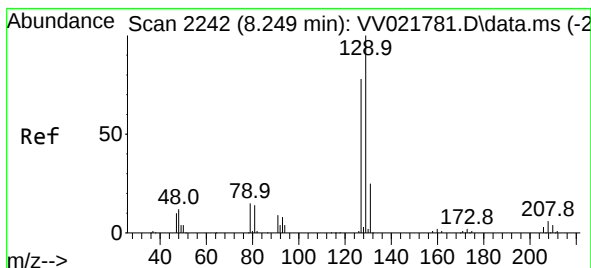
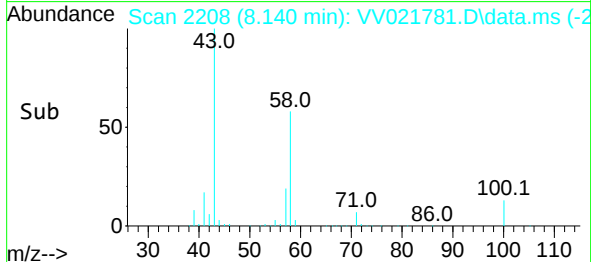
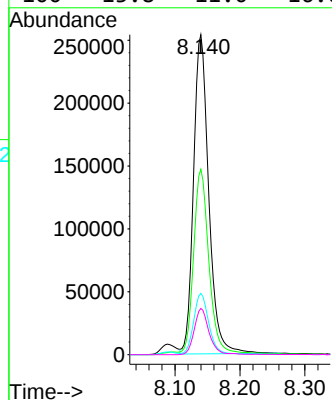
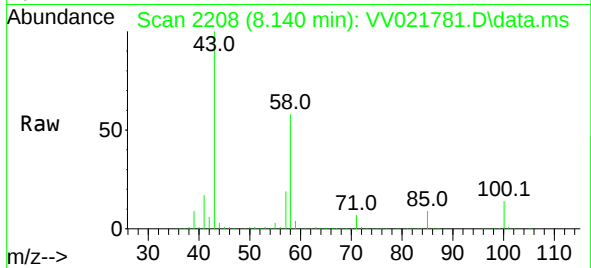




#48
2-Hexanone
Concen: 136.346 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

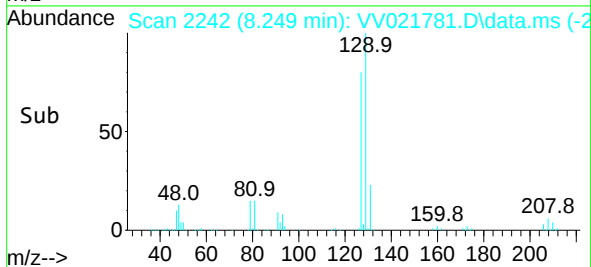
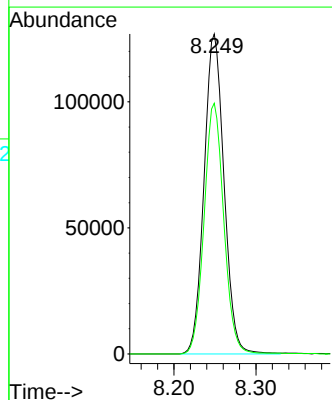
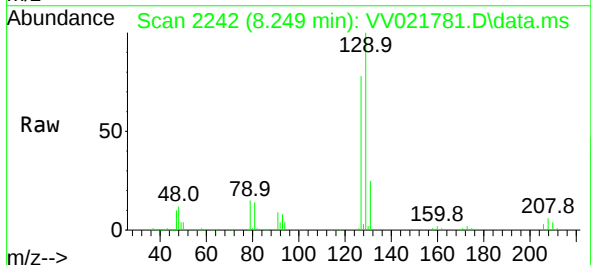
Instrument :
MSVOA_V
ClientSampled :

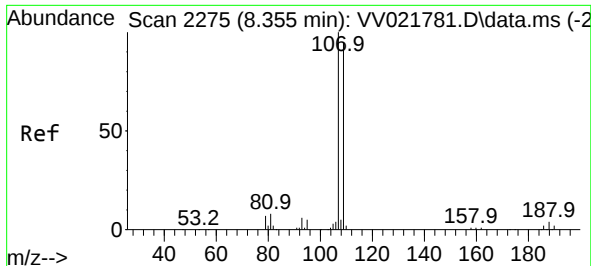
Tgt Ion:	43	Resp:	414608
Ion	Ratio	Lower	Upper
43	100		
58	56.8	45.4	68.2
57	19.1	15.3	22.9
100	13.8	11.0	16.6



#49
Dibromochloromethane
Concen: 53.323 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

Tgt Ion:	129	Resp:	215065
Ion	Ratio	Lower	Upper
129	100		
127	78.4	54.9	101.9





#50

1,2-Dibromoethane

Concen: 56.867 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.000 min

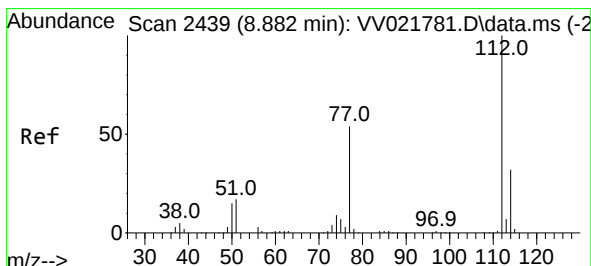
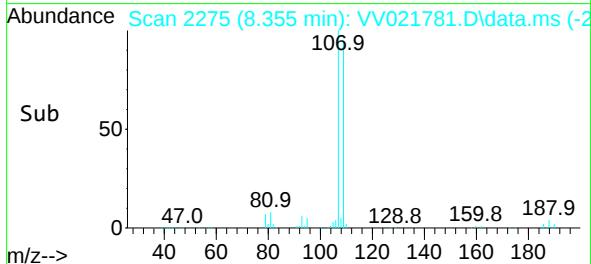
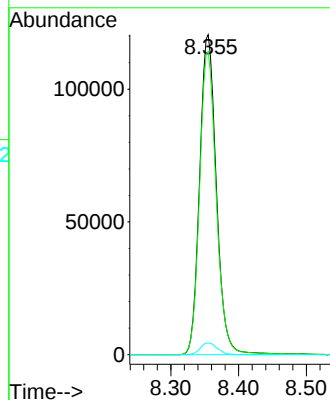
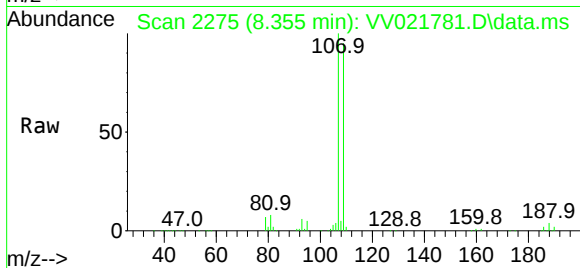
Lab File: VV021781.D

Acq: 16 Aug 2021 10:18

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:107 Resp: 205984

Ion	Ratio	Lower	Upper
107	100		
109	94.7	66.3	123.1
188	3.7	3.0	4.4



#51

Chlorobenzene

Concen: 55.156 ug/L

RT: 8.882 min Scan# 2439

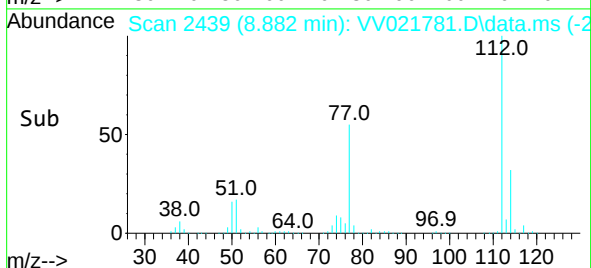
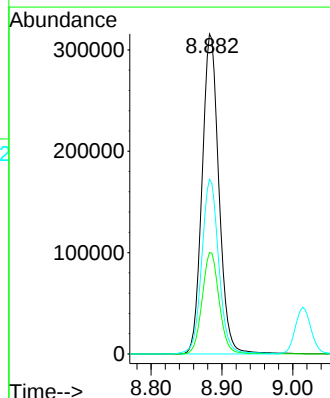
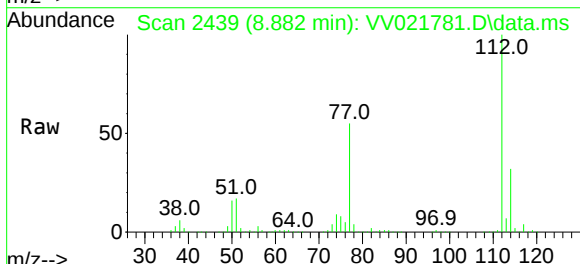
Delta R.T. 0.000 min

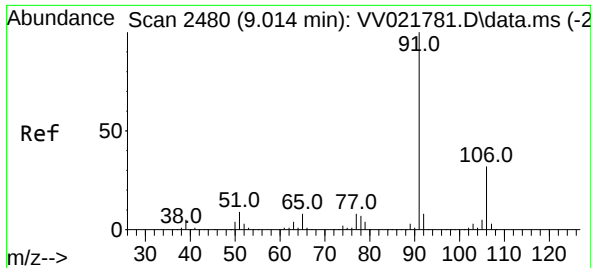
Lab File: VV021781.D

Acq: 16 Aug 2021 10:18

Tgt Ion:112 Resp: 520495

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.2	41.2
77	54.6	43.7	65.5

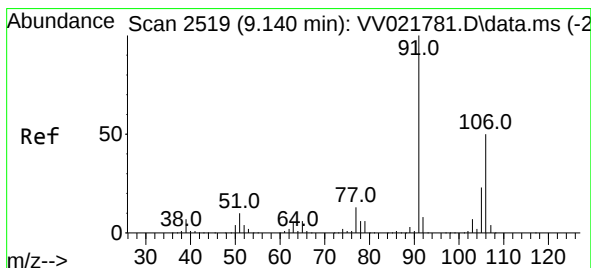
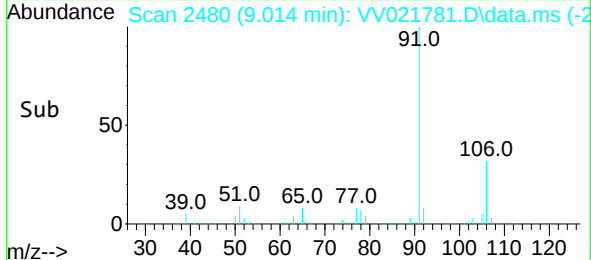
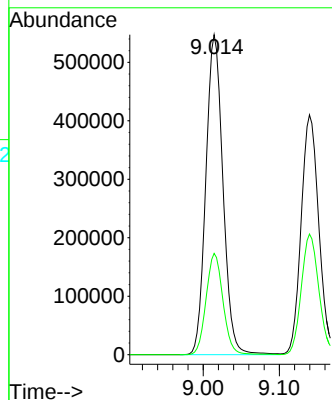
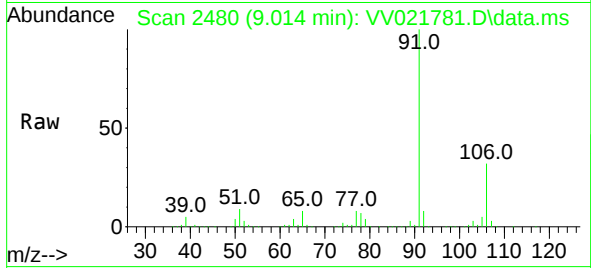




#52
Ethylbenzene
Concen: 56.547 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

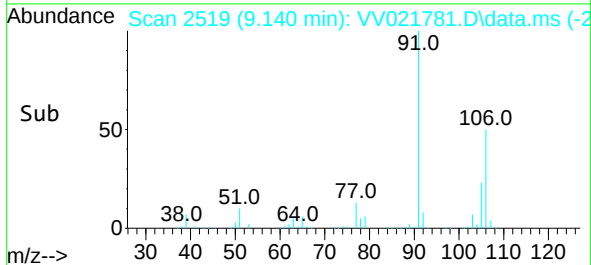
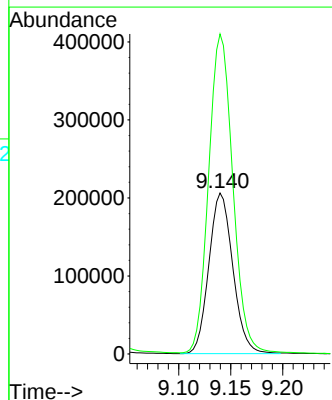
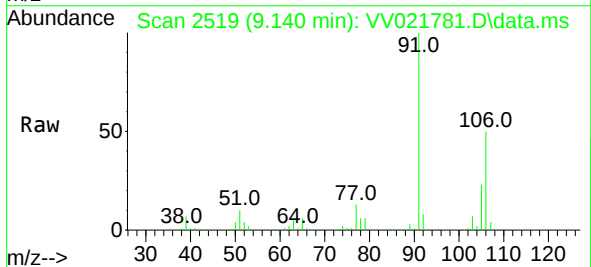
Instrument :
MSVOA_V
ClientSampled :

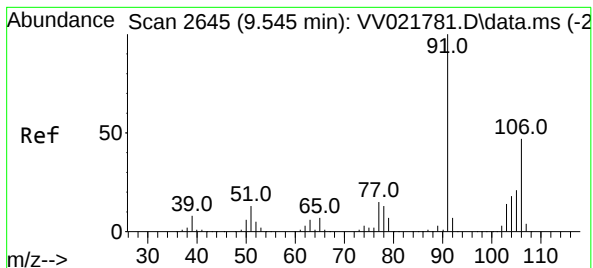
Tgt Ion: 91 Resp: 855769
Ion Ratio Lower Upper
91 100
106 31.7 22.2 41.2



#53
m,p-Xylene
Concen: 57.325 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

Tgt Ion: 106 Resp: 330516
Ion Ratio Lower Upper
106 100
91 198.9 139.2 258.6





#54

o-Xylene

Concen: 58.183 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. 0.000 min

Lab File: VV021781.D

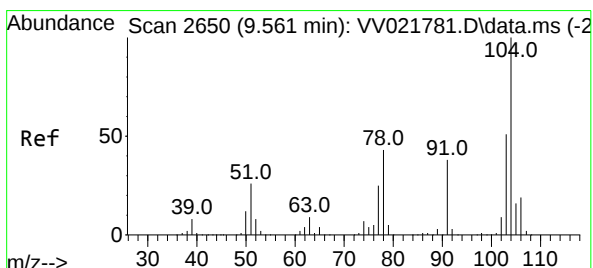
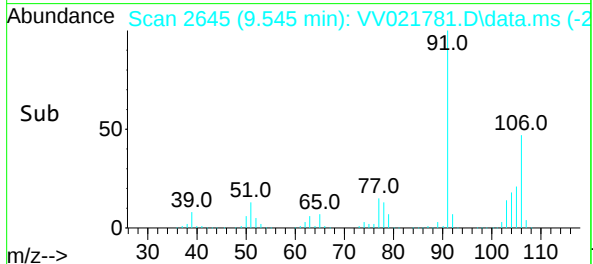
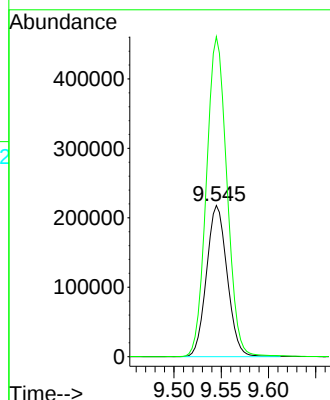
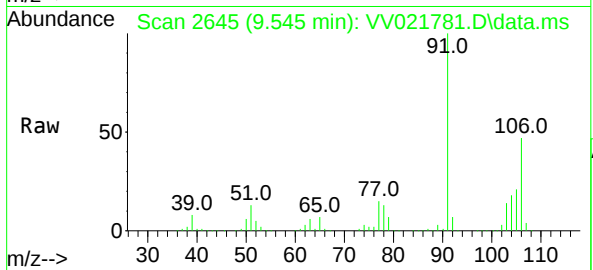
Acq: 16 Aug 2021 10:18

Tgt Ion:106 Resp: 331171

Ion Ratio Lower Upper

106 100

91 211.5 148.1 275.0



#55

Styrene

Concen: 58.820 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.000 min

Lab File: VV021781.D

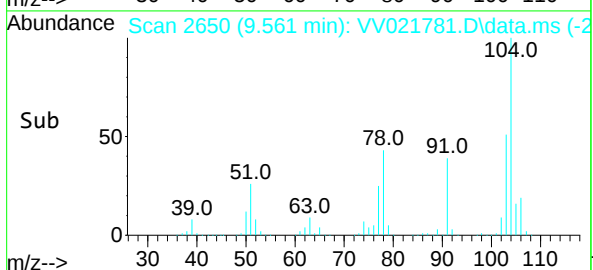
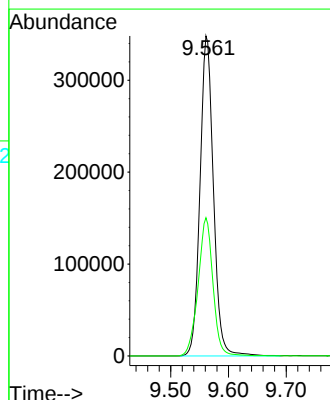
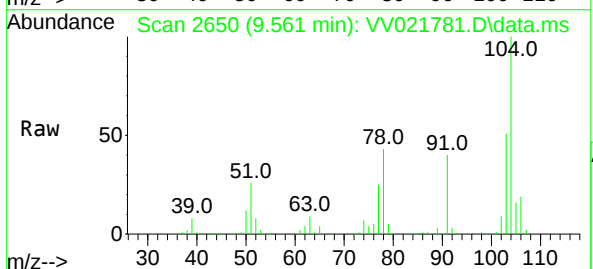
Acq: 16 Aug 2021 10:18

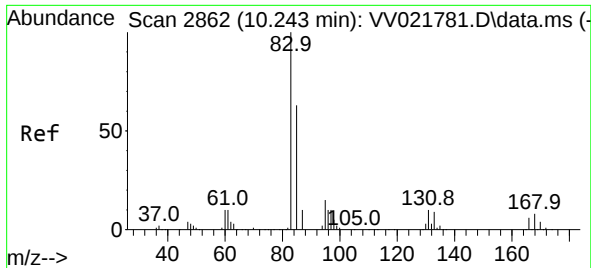
Tgt Ion:104 Resp: 563854

Ion Ratio Lower Upper

104 100

78 43.2 30.2 56.2

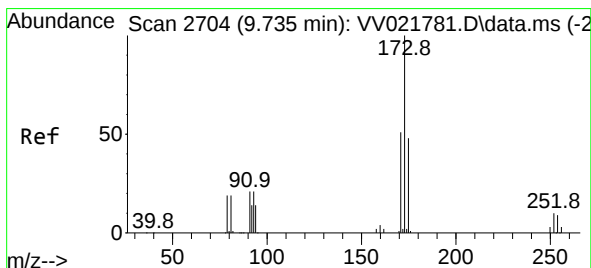
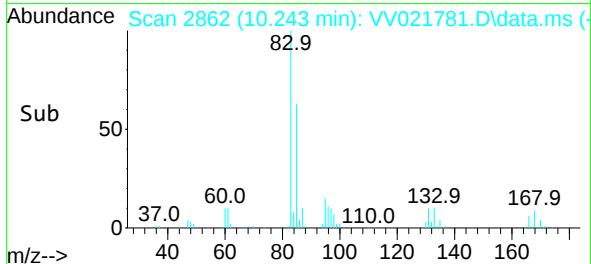
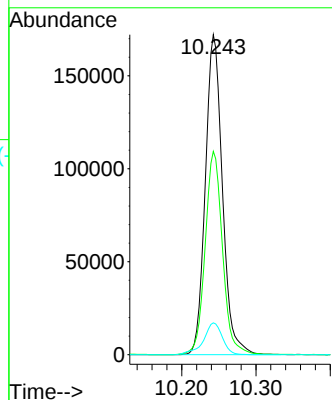
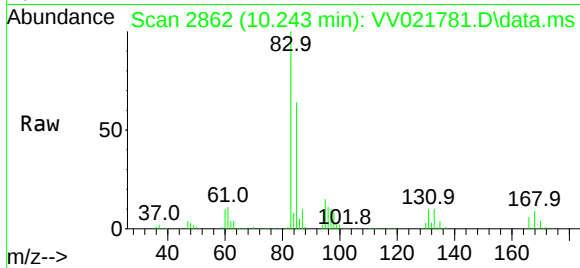




#57
 1,1,2,2-Tetrachloroethane
 Concen: 52.612 ug/L
 RT: 10.243 min Scan# 2862
 Delta R.T. 0.000 min
 Lab File: VV021781.D
 Acq: 16 Aug 2021 10:18

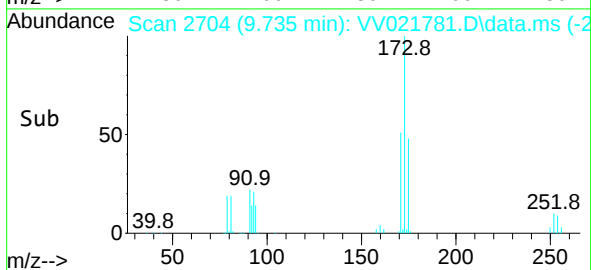
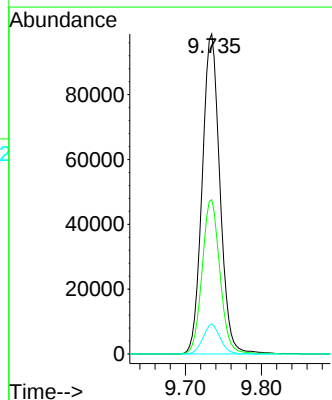
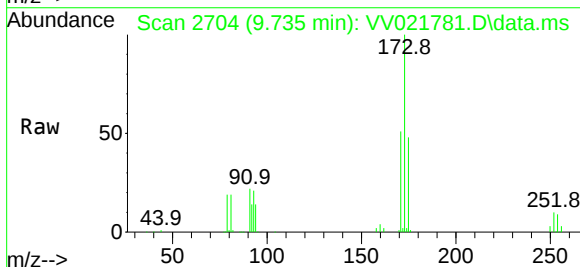
Instrument :
 MSVOA_V
 ClientSampleId :

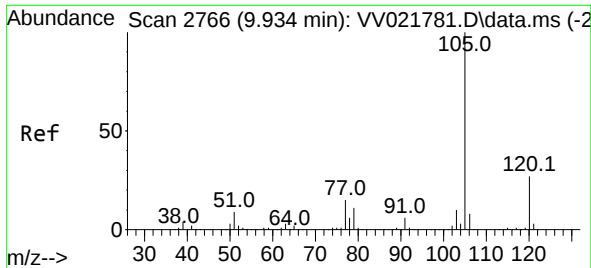
Tgt Ion:	83	Resp:	274628
Ion	Ratio	Lower	Upper
83	100		
85	63.5	44.4	82.5
131	9.9	7.9	11.9



#59
 Bromoform
 Concen: 54.625 ug/L
 RT: 9.735 min Scan# 2704
 Delta R.T. 0.000 min
 Lab File: VV021781.D
 Acq: 16 Aug 2021 10:18

Tgt Ion:	173	Resp:	159702
Ion	Ratio	Lower	Upper
173	100		
175	48.3	38.6	58.0
254	9.0	7.2	10.8

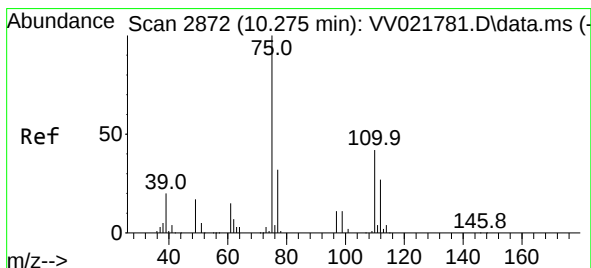
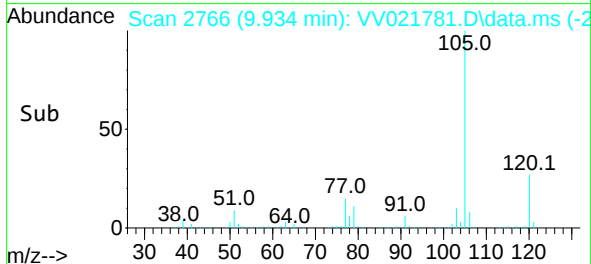
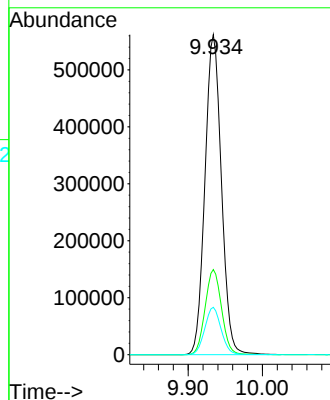
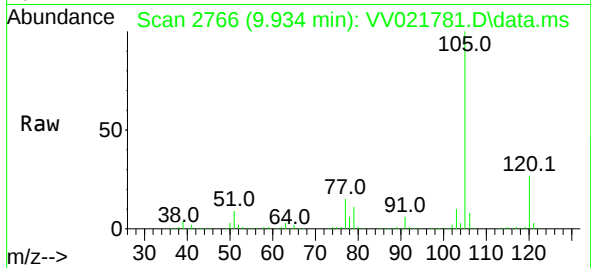




#60
Isopropylbenzene
Concen: 59.615 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

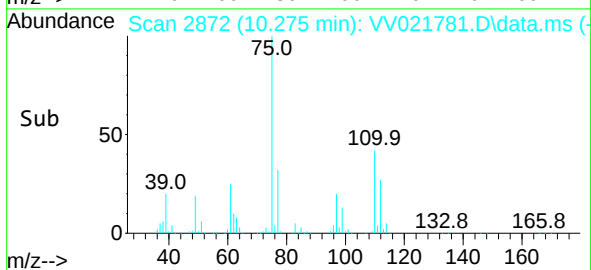
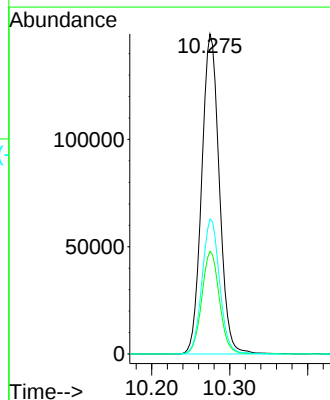
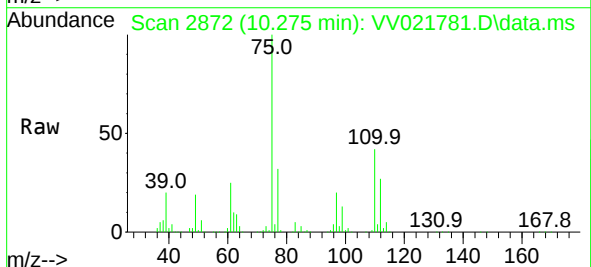
Instrument :
MSVOA_V
ClientSampled :

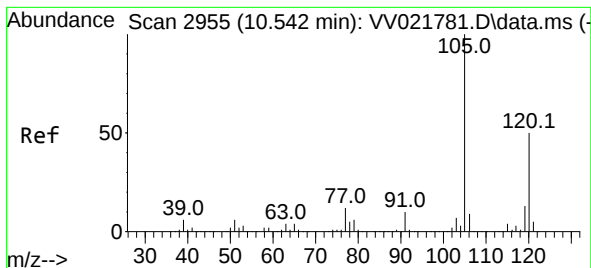
Tgt Ion:105 Resp: 862078
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 57.522 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

Tgt Ion: 75 Resp: 234303
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
110 41.8 33.4 50.2

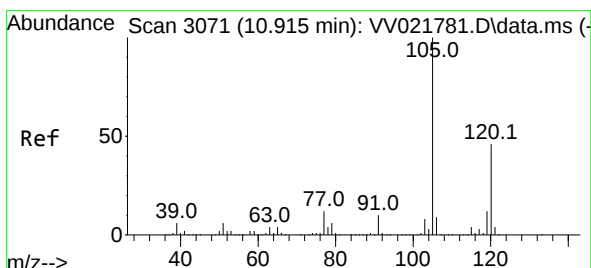
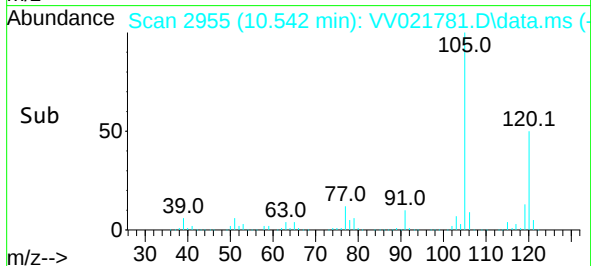
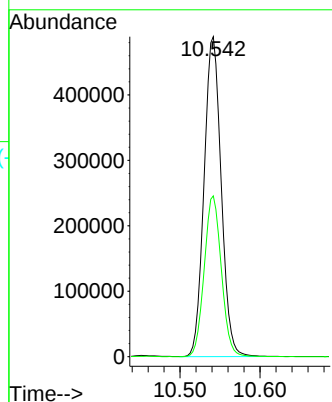
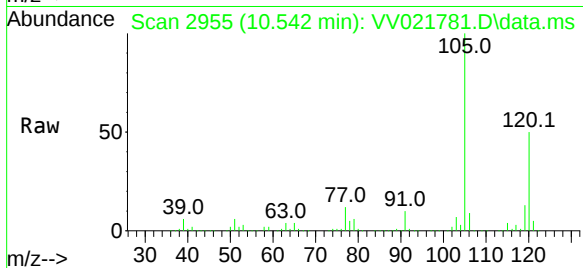




#62
1,3,5-Trimethylbenzene
Concen: 59.638 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

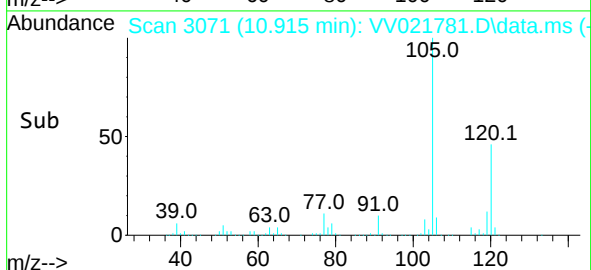
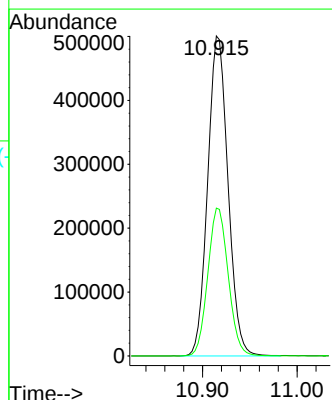
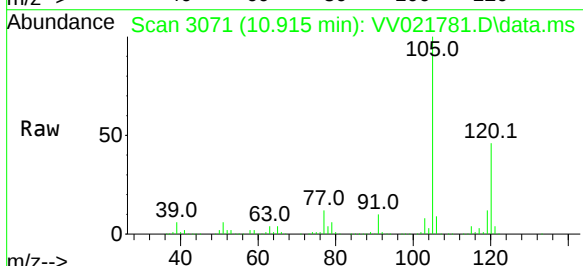
Instrument :
MSVOA_V
ClientSampled :

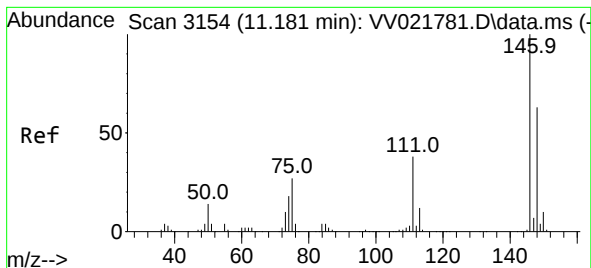
Tgt Ion:105 Resp: 729435
Ion Ratio Lower Upper
105 100
120 50.3 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 60.977 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

Tgt Ion:105 Resp: 747032
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9





#64

1,3-Dichlorobenzene

Concen: 58.015 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV021781.D

Acq: 16 Aug 2021 10:18

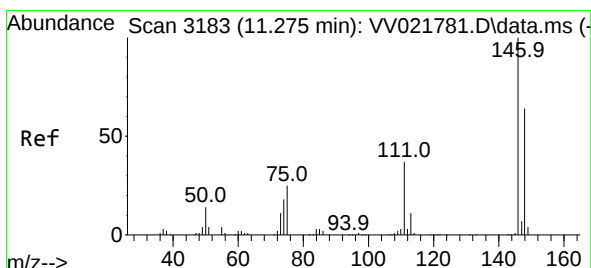
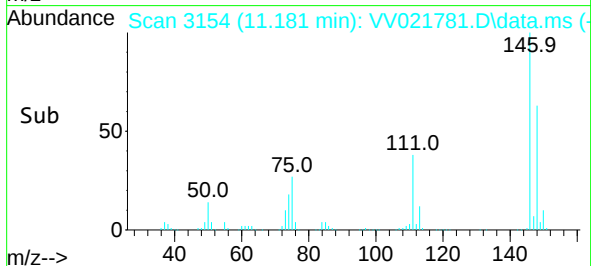
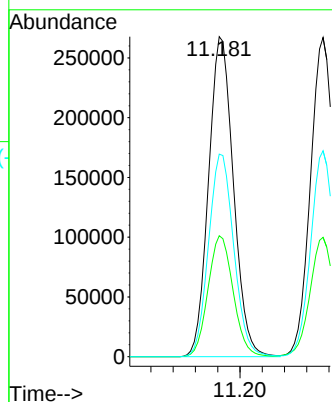
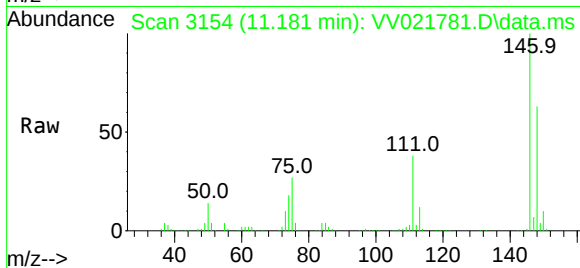
Tgt Ion:146 Resp: 415550

Ion Ratio Lower Upper

146 100

111 37.8 26.5 49.1

148 63.3 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 56.149 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV021781.D

Acq: 16 Aug 2021 10:18

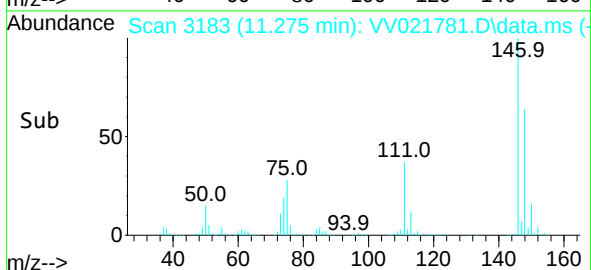
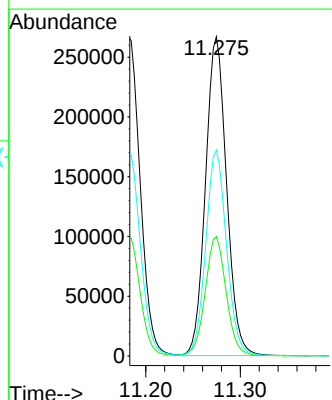
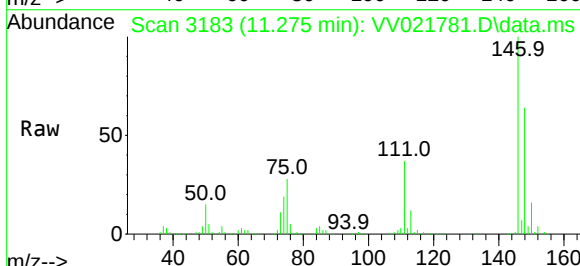
Tgt Ion:146 Resp: 412111

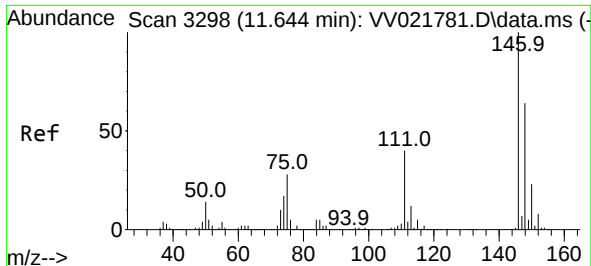
Ion Ratio Lower Upper

146 100

111 37.4 26.2 48.6

148 64.5 45.1 83.9

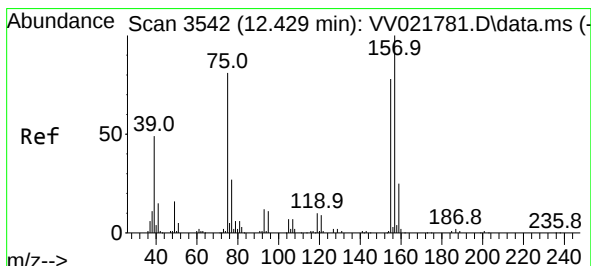
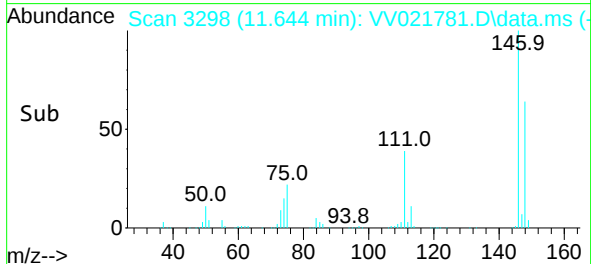
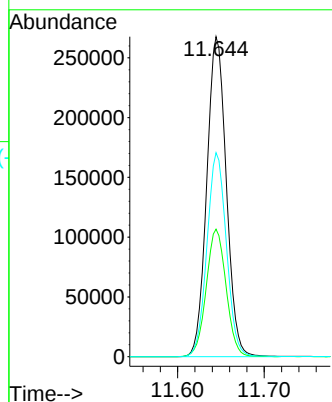
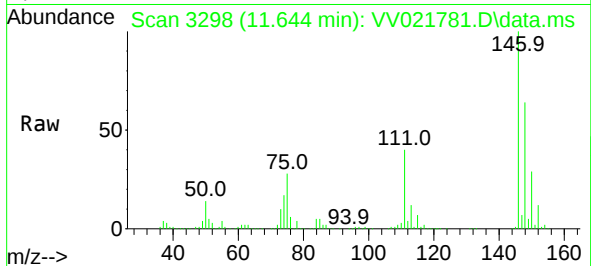




#67
1,2-Dichlorobenzene
Concen: 56.688 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

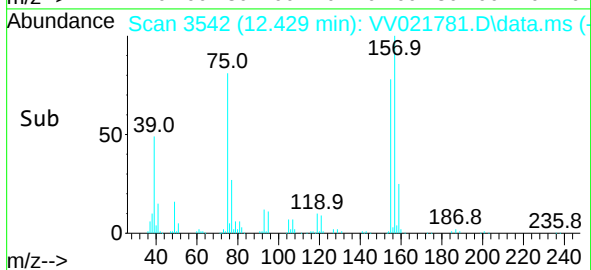
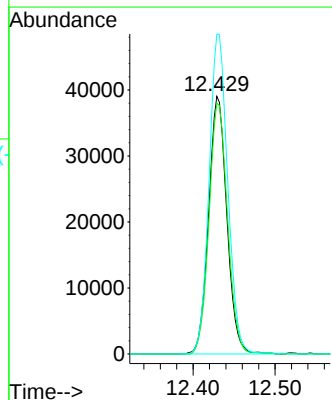
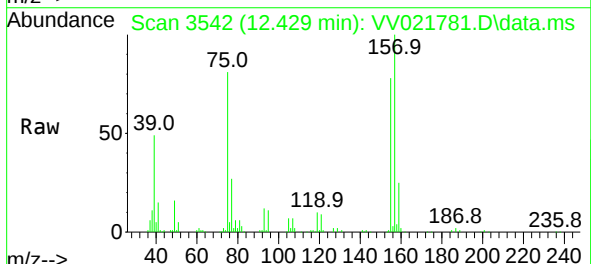
Instrument :
MSVOA_V
ClientSampleId :

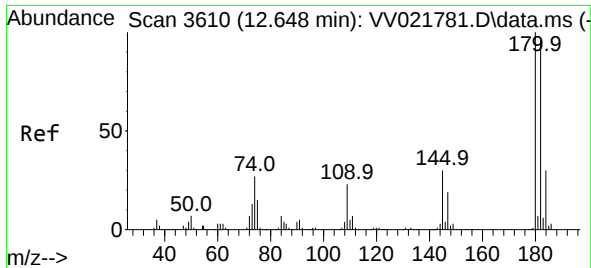
Tgt Ion:146 Resp: 419033
Ion Ratio Lower Upper
146 100
111 39.8 31.8 47.8
148 63.8 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 51.548 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

Tgt Ion: 75 Resp: 60720
Ion Ratio Lower Upper
75 100
155 97.3 77.8 116.8
157 124.2 99.4 149.0

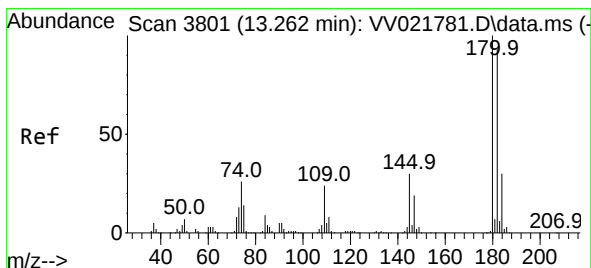
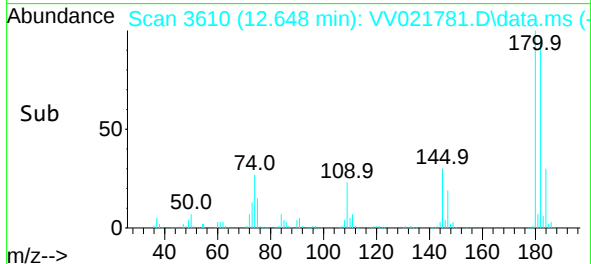
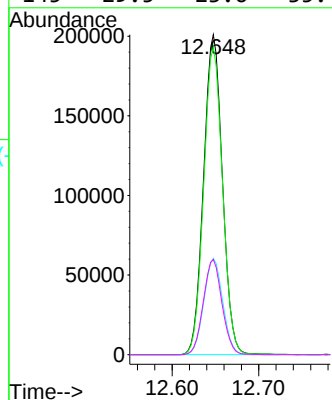
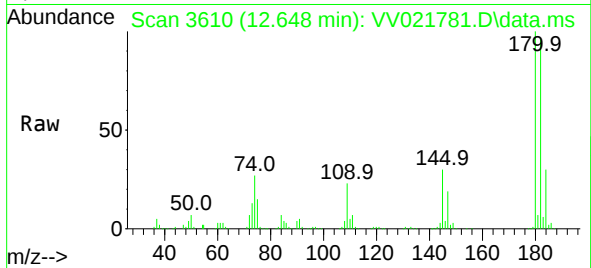




#69
1,3,5-Trichlorobenzene
Concen: 55.155 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

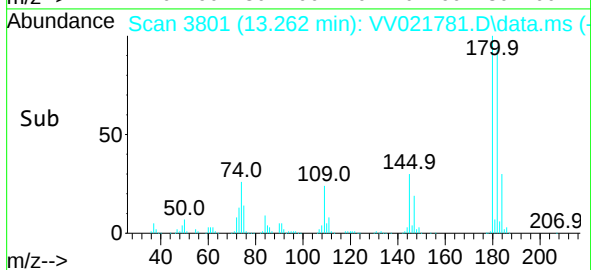
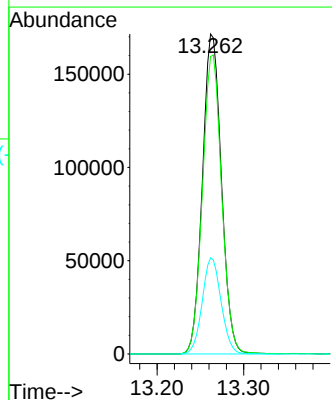
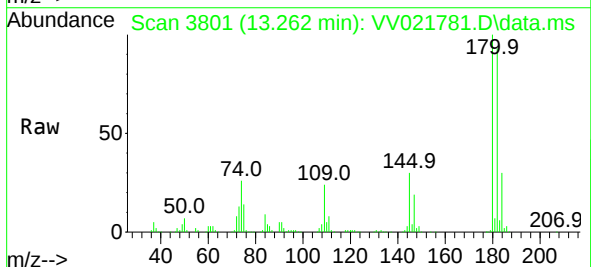
Instrument :
MSVOA_V
ClientSampled :

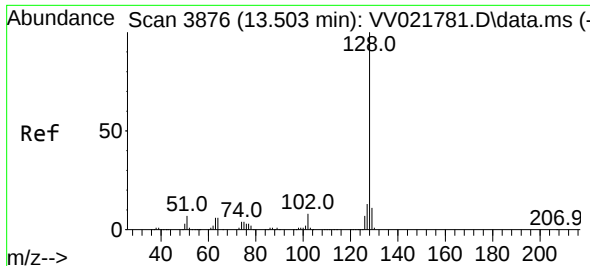
Tgt Ion:180 Resp: 303626
Ion Ratio Lower Upper
180 100
182 96.0 76.8 115.2
184 30.1 24.1 36.1
145 29.5 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 57.510 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

Tgt Ion:180 Resp: 260691
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.6
145 29.9 23.9 35.9

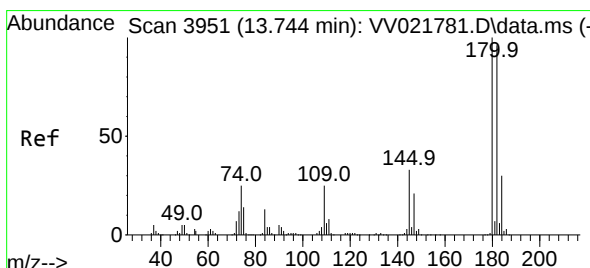
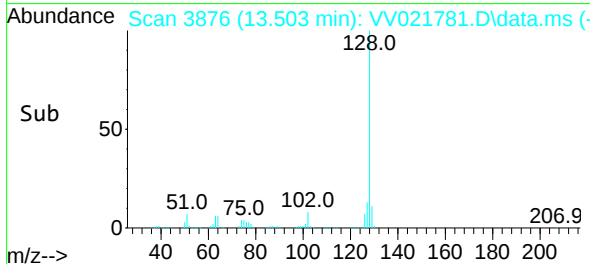
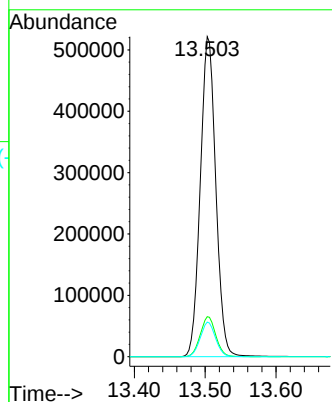
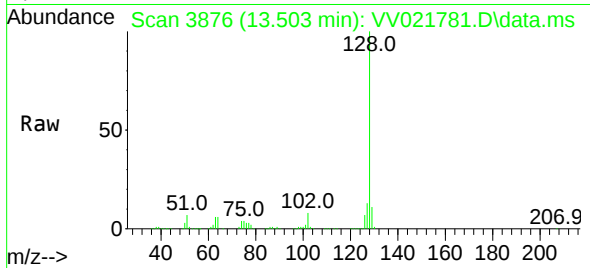




#71
Naphthalene
Concen: 62.479 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 790629
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.6 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 57.139 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021781.D
Acq: 16 Aug 2021 10:18

Tgt Ion:180 Resp: 261031
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 32.0 25.6 38.4

