

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\
 Data File : VV021787.D
 Acq On : 16 Aug 2021 13:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 17 04:16:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 17 04:08:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	434714	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	413676	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	220983	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	161087	47.400	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.800%		
7) Chloroethane-d5	1.558	69	121985	47.566	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.140%		
11) 1,1-Dichloroethene-d2	2.105	63	254467	47.040	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.080%		
21) 2-Butanone-d5	3.873	46	240200	113.644	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.640%		
24) Chloroform-d	4.349	84	300243	50.993	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.980%		
26) 1,2-Dichloroethane-d4	5.031	65	177525	52.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.840%		
32) Benzene-d6	5.050	84	600611	50.489	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.980%		
36) 1,2-Dichloropropane-d6	6.069	67	189548	51.167	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.340%		
41) Toluene-d8	7.317	98	567476	51.611	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.220%		
43) trans-1,3-Dichloroprop...	7.622	79	94565	51.869	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.740%		
47) 2-Hexanone-d5	8.088	63	147522	121.503	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	121.500%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	257039	55.992	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	111.980%		
66) 1,2-Dichlorobenzene-d4	11.625	152	231869	50.700	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	155104	46.119	ug/L	100
3) Chloromethane	1.240	50	162260	46.457	ug/L	99
5) Vinyl chloride	1.307	62	155287	45.152	ug/L	99
6) Bromomethane	1.507	94	104387	50.497	ug/L	98
8) Chloroethane	1.577	64	96578	46.993	ug/L	99
9) Trichlorofluoromethane	1.748	101	217416	46.139	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	124994	46.330	ug/L	99
12) 1,1-Dichloroethene	2.114	96	117133	45.582	ug/L	99
13) Acetone	2.159	43	156189	89.808	ug/L #	100
14) Carbon disulfide	2.291	76	417031	48.232	ug/L	99
15) Methyl Acetate	2.426	43	180497	56.494	ug/L	99
16) Methylene chloride	2.503	84	180788	50.579	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	150107	49.780	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	491122	52.959	ug/L	100
19) 1,1-Dichloroethane	3.188	63	269801	50.264	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	167560	47.987	ug/L	96
22) 2-Butanone	3.957	43	257603	101.708	ug/L	100
23) Bromochloromethane	4.249	128	92258	49.801	ug/L	97
25) Chloroform	4.375	83	275043	47.622	ug/L	97

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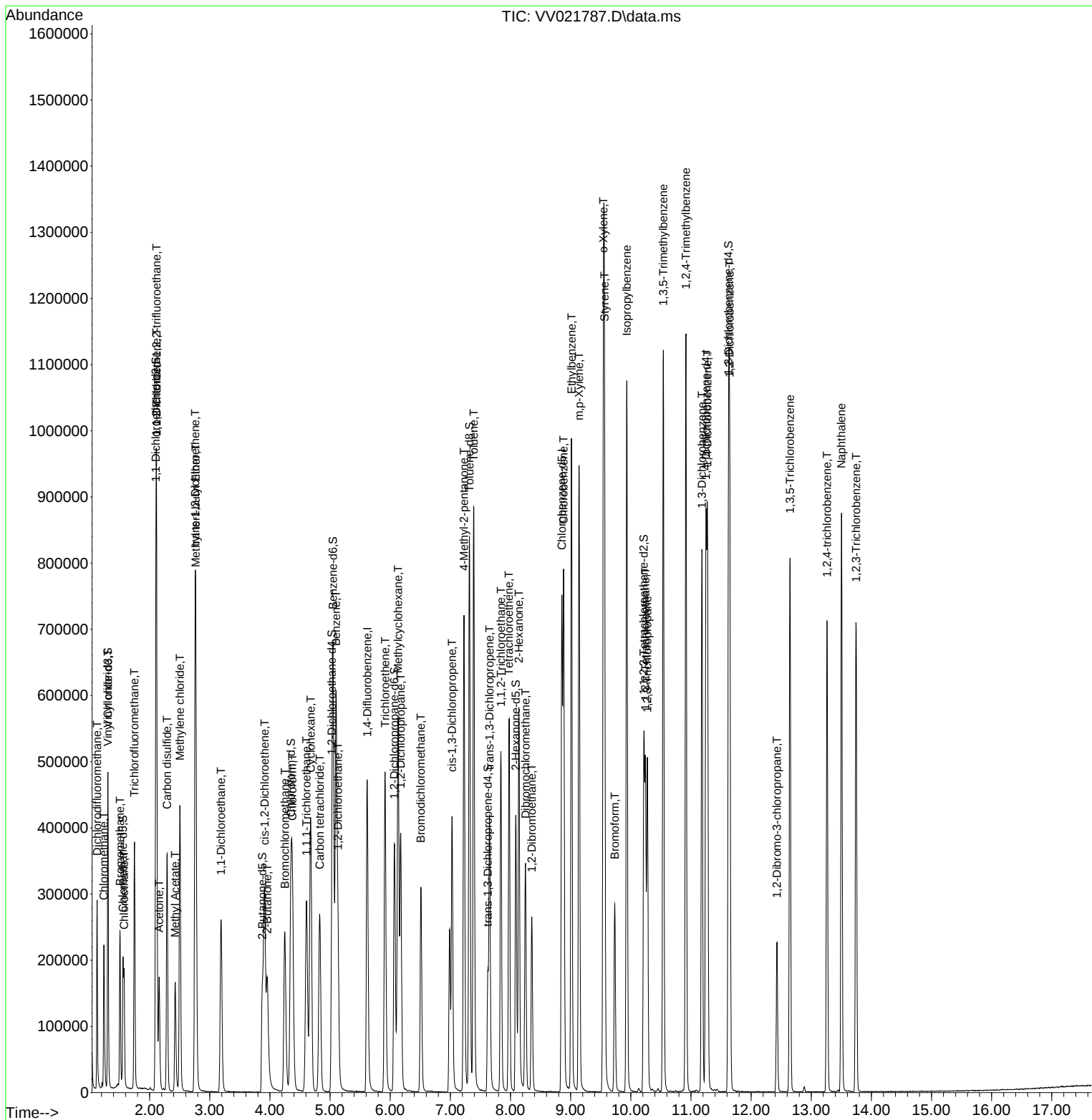
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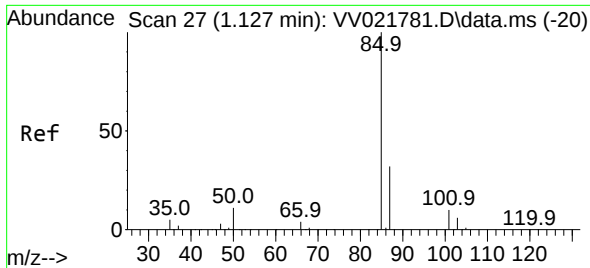
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 Quant Title : VOC Analysis
 QLast Update : Tue Aug 17 04:08:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	203197	49.934	ug/L	99
29) Cyclohexane	4.677	56	240155	47.137	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	240094	46.383	ug/L	99
31) Carbon tetrachloride	4.828	117	209950	46.874	ug/L	100
33) Benzene	5.098	78	611788	48.059	ug/L	100
34) Trichloroethene	5.915	95	169120	46.230	ug/L	98
35) Methylcyclohexane	6.133	83	254199	47.629	ug/L	99
37) 1,2-Dichloropropane	6.175	63	156613	48.586	ug/L	100
38) Bromodichloromethane	6.510	83	211382	49.755	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	257287	50.407	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	464452	104.748	ug/L	100
42) Toluene	7.387	91	661228	48.633	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	242590	50.433	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	162103	50.201	ug/L	99
46) Tetrachloroethene	7.976	164	130348	47.945	ug/L	99
48) 2-Hexanone	8.140	43	354147	103.111	ug/L	98
49) Dibromochloromethane	8.249	129	179553	50.363	ug/L	99
50) 1,2-Dibromoethane	8.355	107	176370	50.191	ug/L	98
51) Chlorobenzene	8.882	112	430618	48.509	ug/L	99
52) Ethylbenzene	9.014	91	702103	48.404	ug/L	100
53) m,p-Xylene	9.140	106	271862	48.361	ug/L	99
54) o-Xylene	9.545	106	273825	49.140	ug/L	99
55) Styrene	9.564	104	472345	50.620	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	240879	53.586	ug/L	98
59) Bromoform	9.734	173	133049	50.648	ug/L	99
60) Isopropylbenzene	9.934	105	706752	47.704	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	204239	50.012	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	603211	48.518	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	621141	49.136	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	350016	48.785	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	349840	48.849	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	351847	48.613	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	52582	52.958	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	254522	48.940	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	221722	50.833	ug/L	100
71) Naphthalene	13.503	128	688139	54.313	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	225157	51.386	ug/L	99

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

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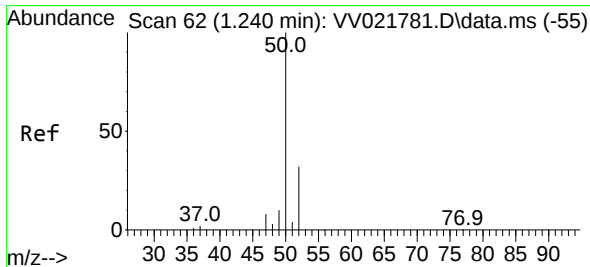
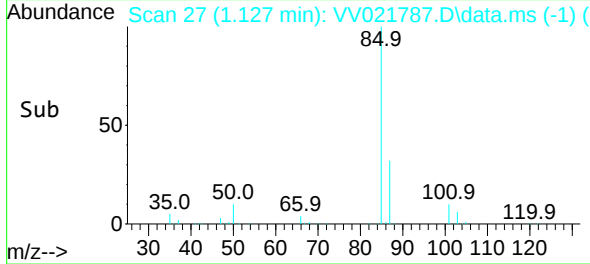
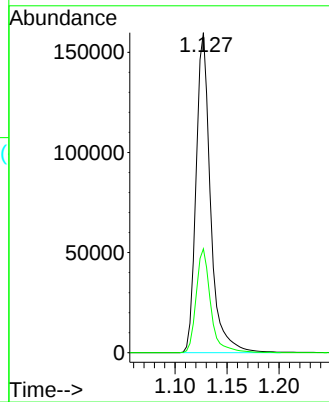
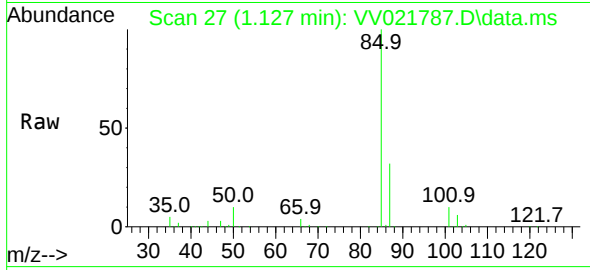




#2
 Dichlorodifluoromethane
 Concen: 46.119 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021787.D
 Acq: 16 Aug 2021 13:30

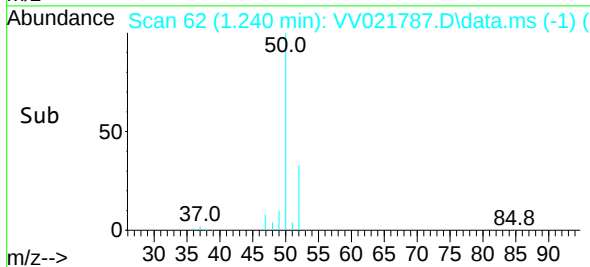
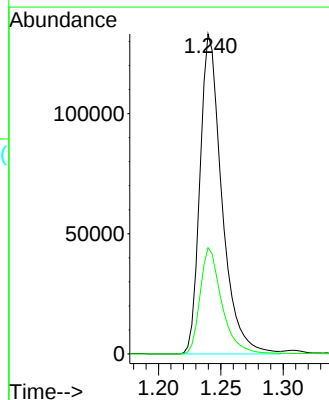
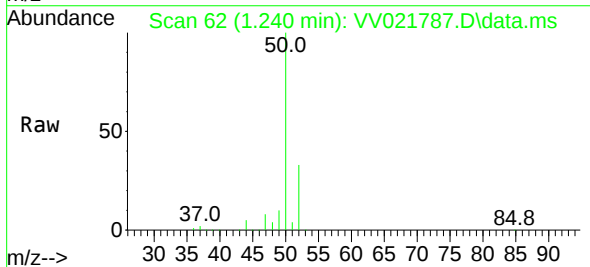
Instrument :
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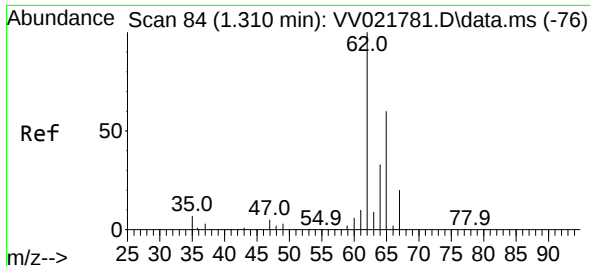
Tgt Ion: 85 Resp: 155104
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.1 39.1



#3
 Chloromethane
 Concen: 46.457 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021787.D
 Acq: 16 Aug 2021 13:30

Tgt Ion: 50 Resp: 162260
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.7 42.1

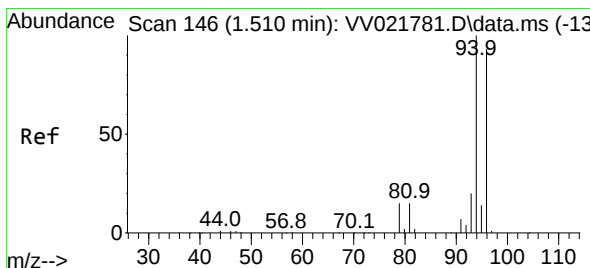
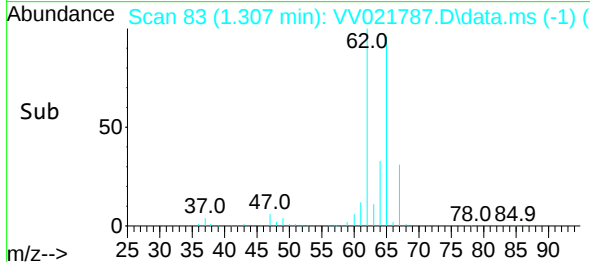
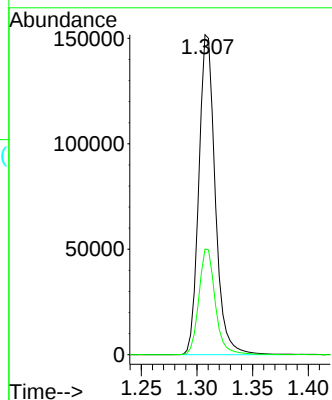
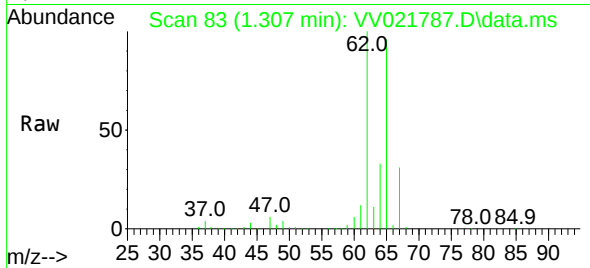




#5
 Vinyl chloride
 Concen: 45.152 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV021787.D
 Acq: 16 Aug 2021 13:30

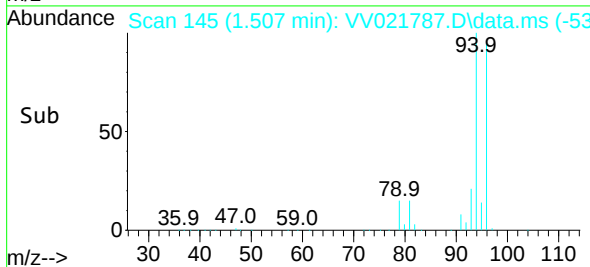
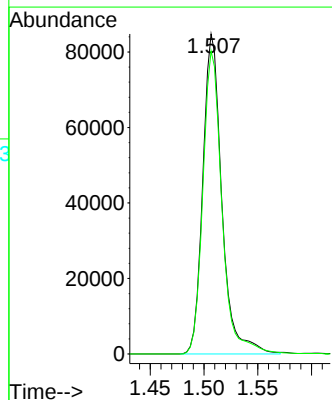
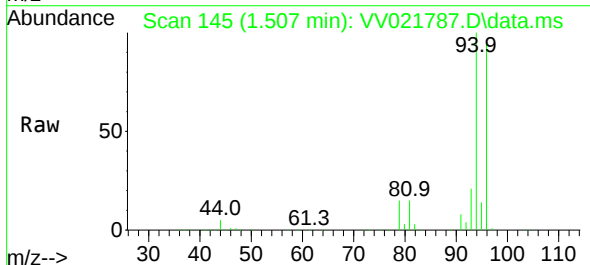
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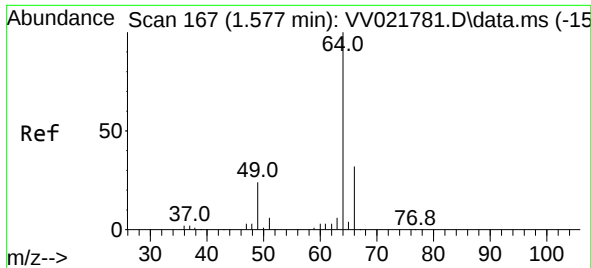
Tgt Ion: 62 Resp: 155287
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4



#6
 Bromomethane
 Concen: 50.497 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.003 min
 Lab File: VV021787.D
 Acq: 16 Aug 2021 13:30

Tgt Ion: 94 Resp: 104387
 Ion Ratio Lower Upper
 94 100
 96 94.7 64.8 120.3

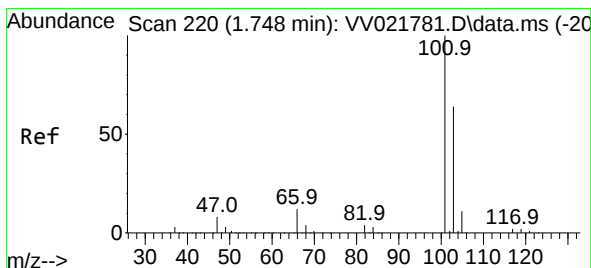
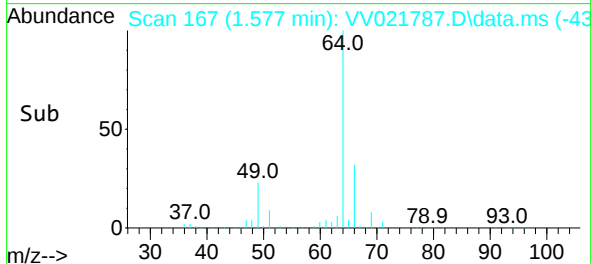
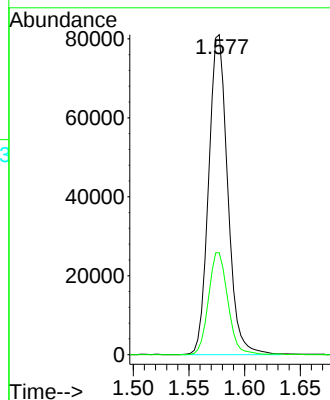
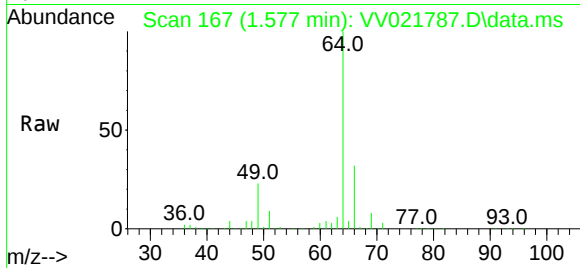




#8
Chloroethane
Concen: 46.993 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

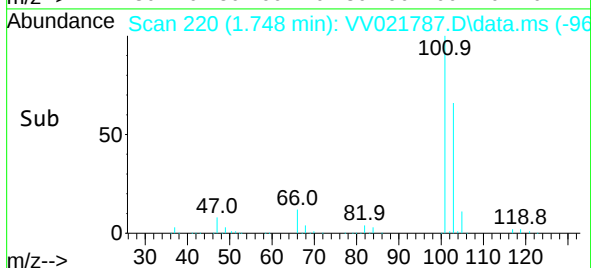
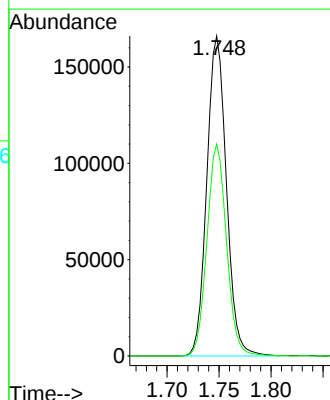
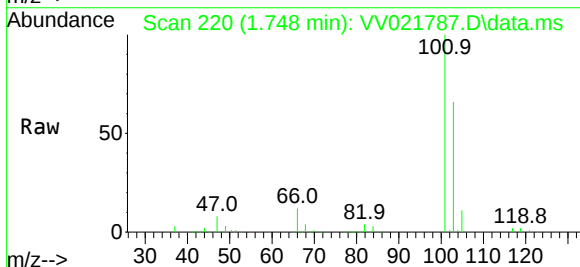
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MSVOA_V
ClientSampled :

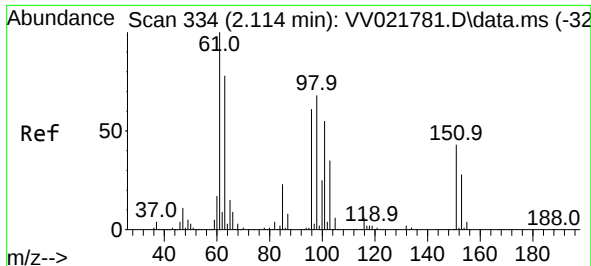
Tgt Ion: 64 Resp: 96578
Ion Ratio Lower Upper
64 100
66 31.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 46.139 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Tgt Ion:101 Resp: 217416
Ion Ratio Lower Upper
101 100
103 66.1 51.8 77.8

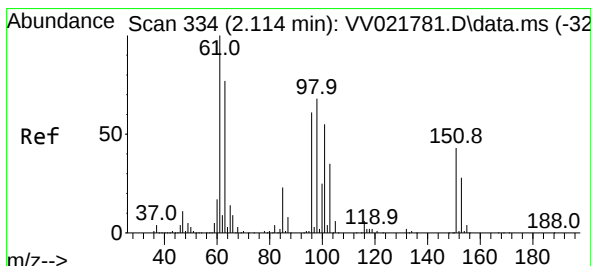
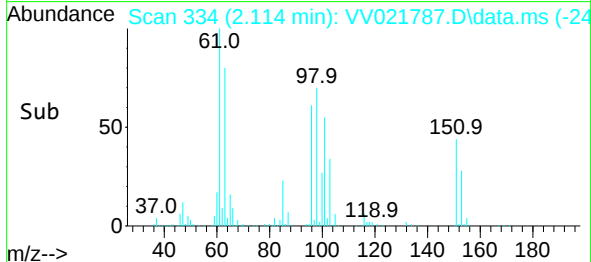
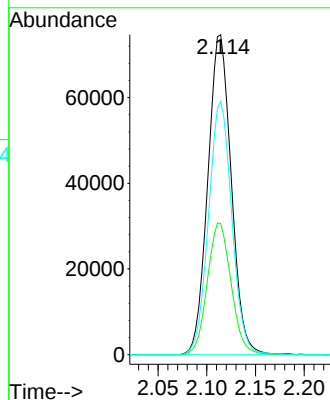
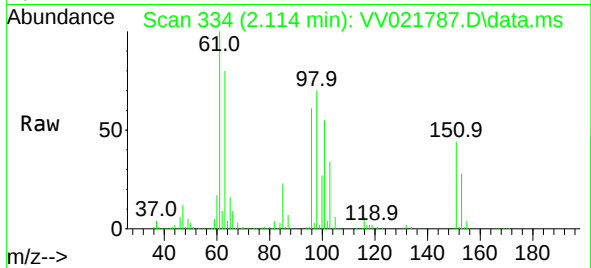




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.330 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV021787.D
 Acq: 16 Aug 2021 13:30

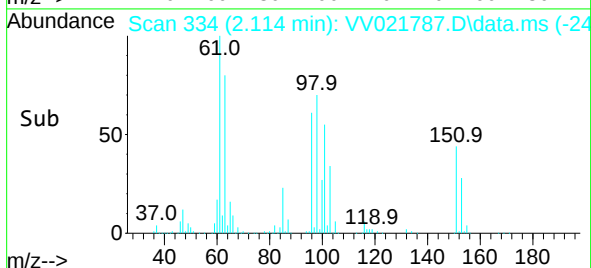
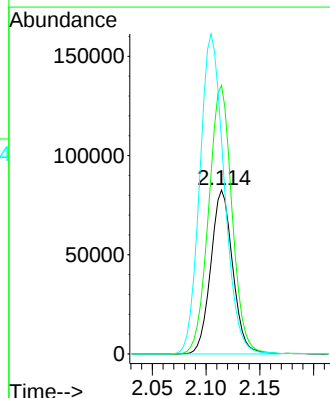
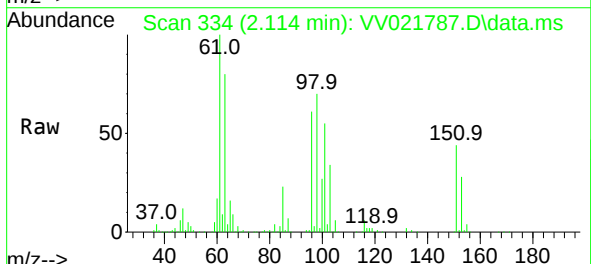
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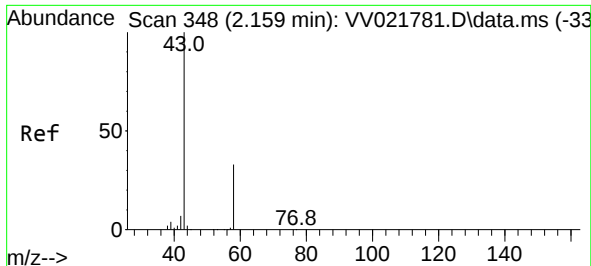
Tgt Ion:101 Resp: 124994
 Ion Ratio Lower Upper
 101 100
 85 41.7 33.4 50.2
 151 79.0 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 45.582 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV021787.D
 Acq: 16 Aug 2021 13:30

Tgt Ion: 96 Resp: 117133
 Ion Ratio Lower Upper
 96 100
 61 163.9 115.5 214.5
 63 131.0 90.3 167.7

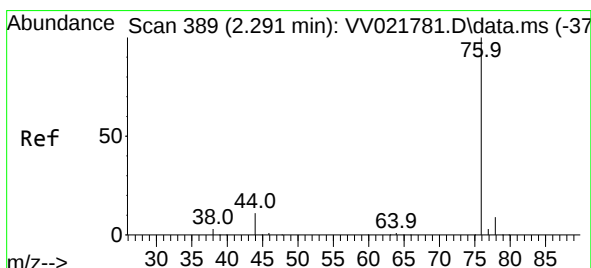
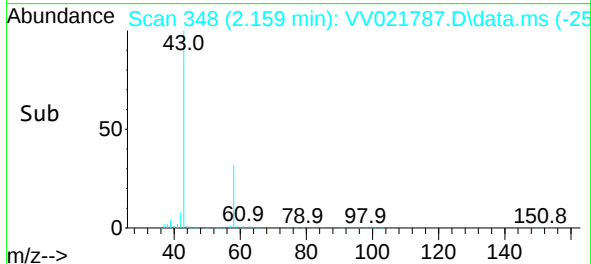
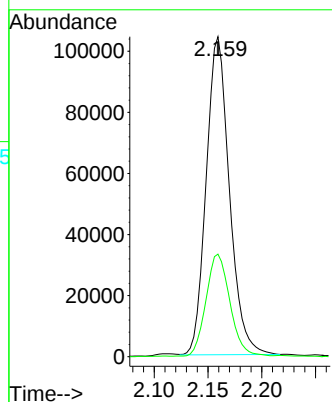
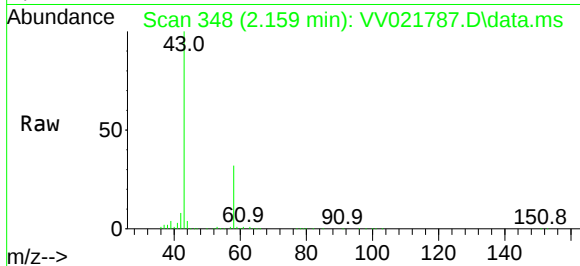




#13
Acetone
Concen: 89.808 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

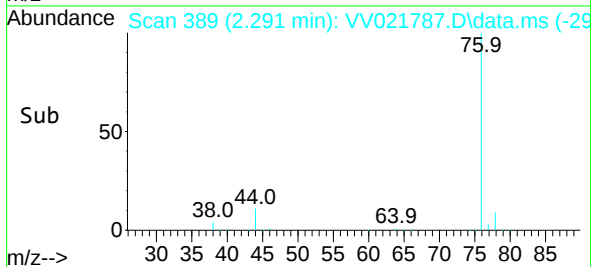
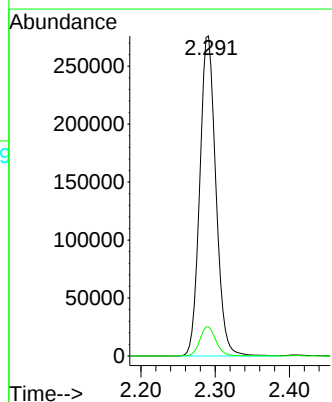
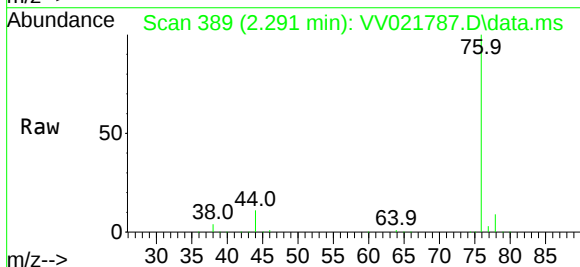
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ClientSampled :

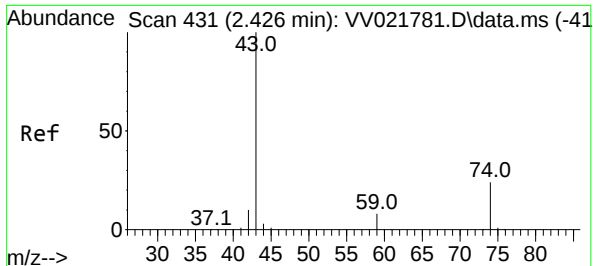
Tgt Ion: 43 Resp: 156189
Ion Ratio Lower Upper
43 100
58 33.5 0.0 0.0#



#14
Carbon disulfide
Concen: 48.232 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Tgt Ion: 76 Resp: 417031
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

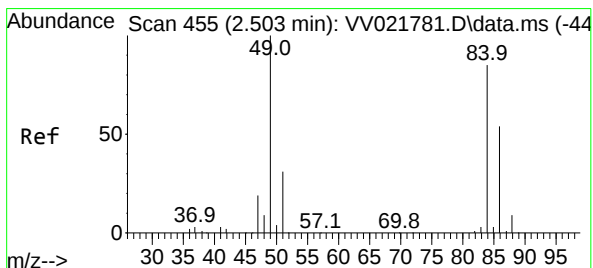
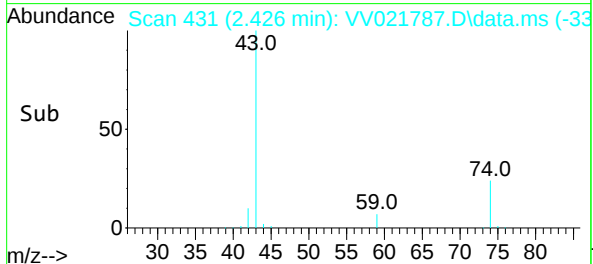
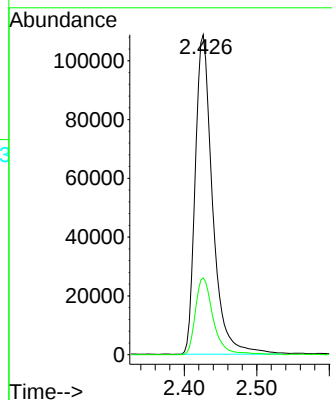
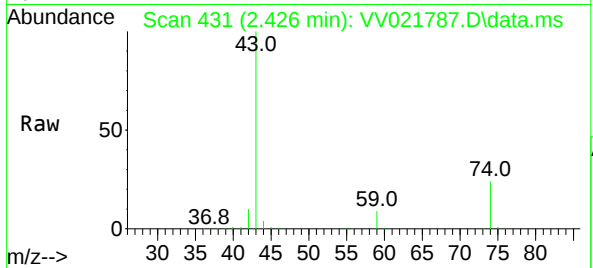




#15
Methyl Acetate
Concen: 56.494 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

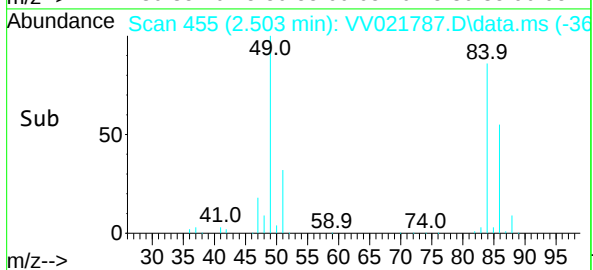
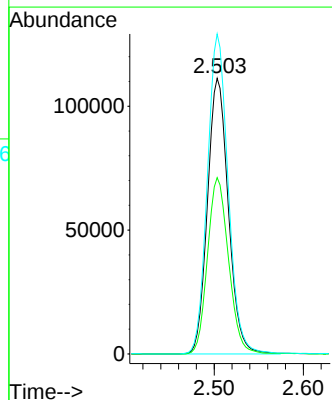
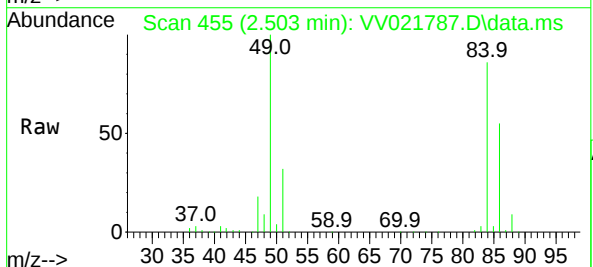
Instrument :
MSVOA_V
ClientSampled :

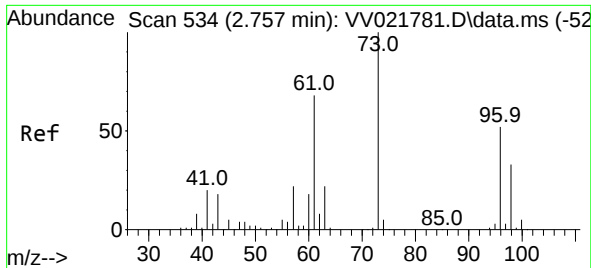
Tgt Ion: 43 Resp: 180497
Ion Ratio Lower Upper
43 100
74 24.1 19.0 28.6



#16
Methylene chloride
Concen: 50.579 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Tgt Ion: 84 Resp: 180788
Ion Ratio Lower Upper
84 100
86 64.0 44.7 83.1
49 116.1 82.5 153.3

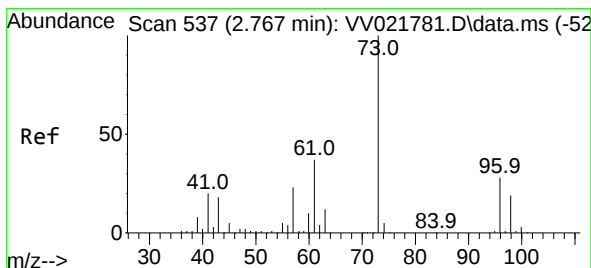
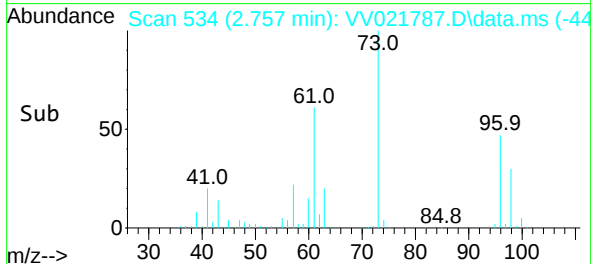
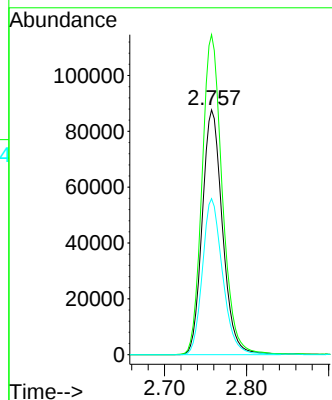
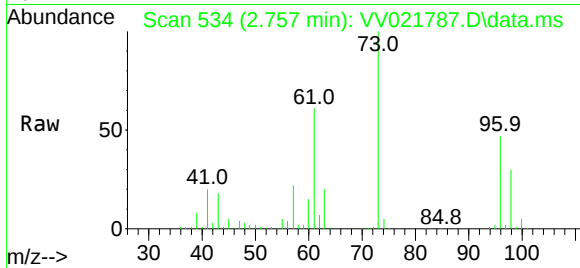




#17
trans-1,2-Dichloroethene
Concen: 49.780 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

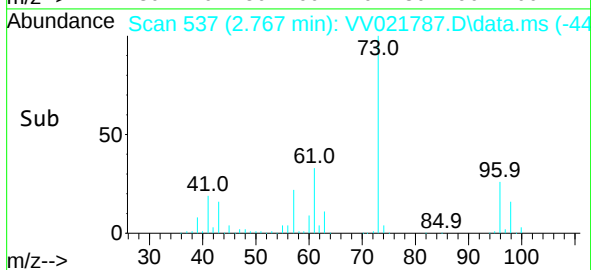
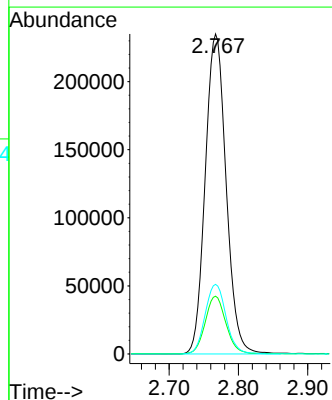
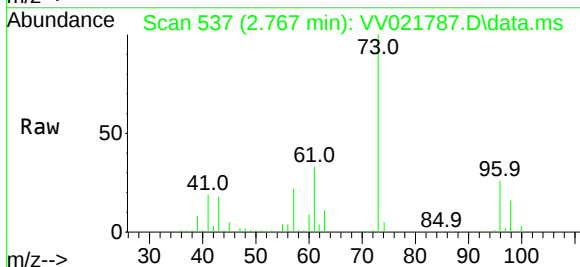
Instrument :
MSVOA_V
ClientSampleId :

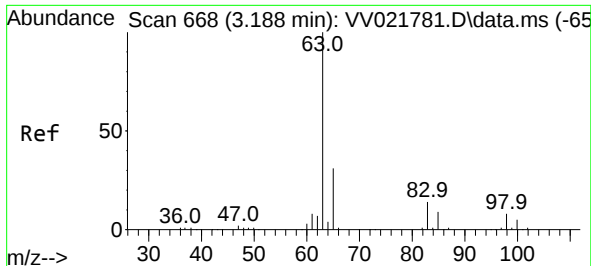
Tgt Ion: 96 Resp: 150107
Ion Ratio Lower Upper
96 100
61 130.7 90.4 168.0
98 63.7 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 52.959 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Tgt Ion: 73 Resp: 491122
Ion Ratio Lower Upper
73 100
43 17.7 14.2 21.4
57 21.8 17.7 26.5





#19

1,1-Dichloroethane

Concen: 50.264 ug/L

RT: 3.188 min Scan# 668

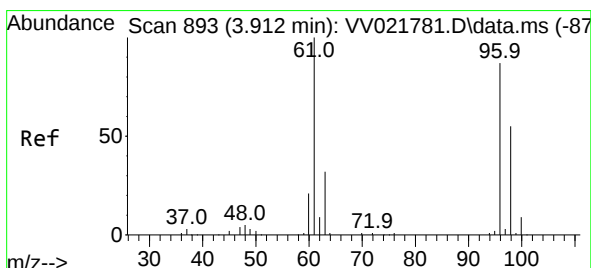
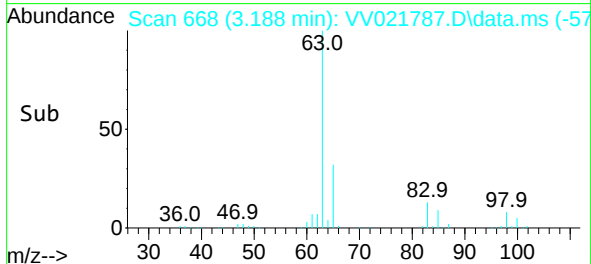
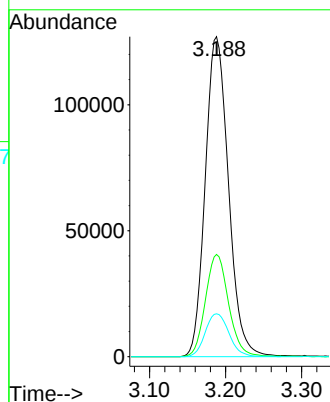
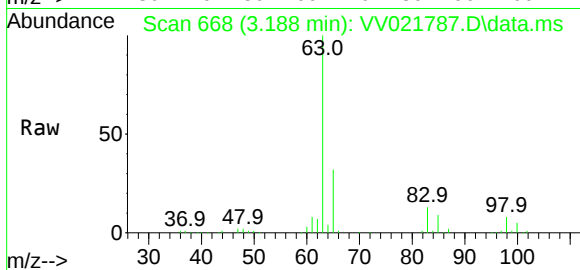
Delta R.T. -0.000 min

Lab File: VV021787.D

Acq: 16 Aug 2021 13:30

Tgt Ion: 63 Resp: 269801

Ion	Ratio	Lower	Upper
63	100		
65	32.0	21.8	40.6
83	13.4	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 47.987 ug/L

RT: 3.912 min Scan# 893

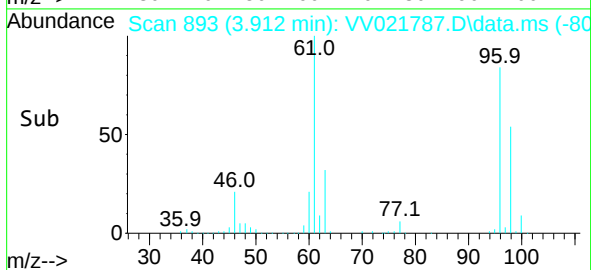
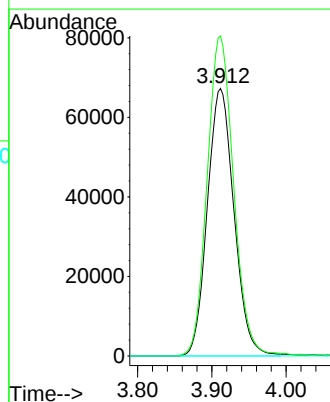
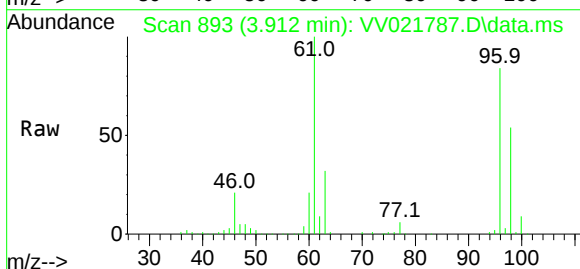
Delta R.T. -0.000 min

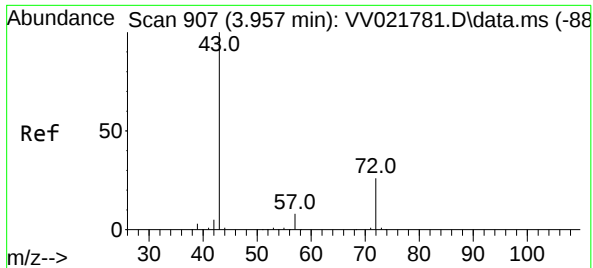
Lab File: VV021787.D

Acq: 16 Aug 2021 13:30

Tgt Ion: 96 Resp: 167560

Ion	Ratio	Lower	Upper
96	100		
61	119.6	81.0	150.4
68	0.0	0.0	0.0

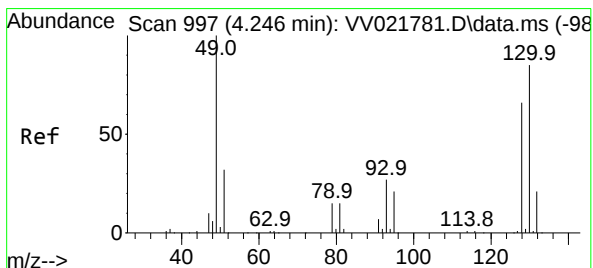
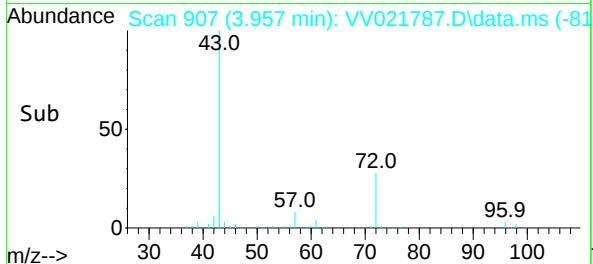
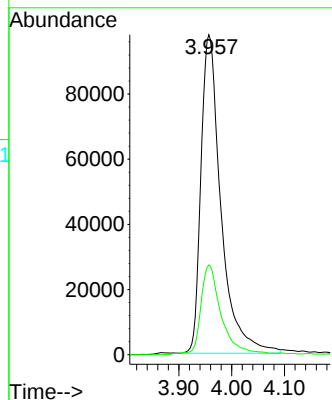
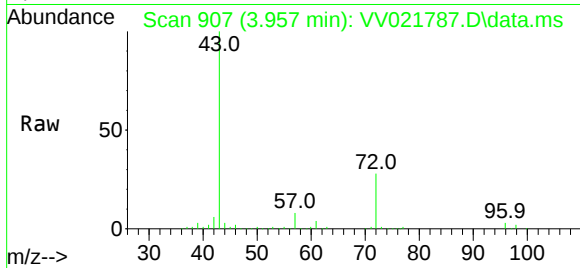




#22
2-Butanone
Concen: 101.708 ug/L
RT: 3.957 min Scan# 907
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

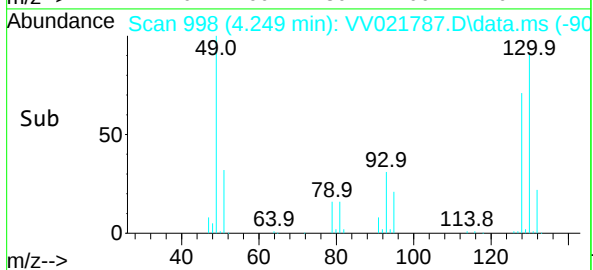
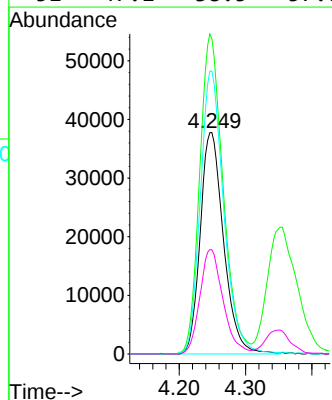
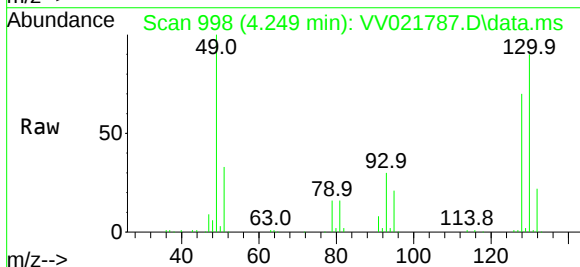
Instrument :
MSVOA_V
ClientSampled :

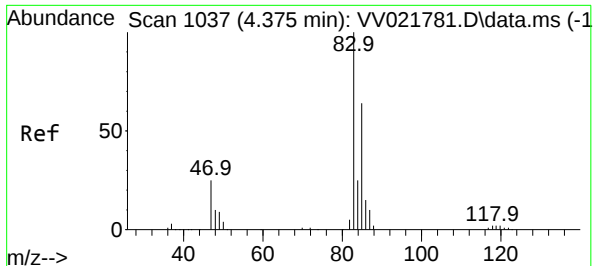
Tgt Ion: 43 Resp: 257603
Ion Ratio Lower Upper
43 100
72 27.4 13.6 40.8



#23
Bromochloromethane
Concen: 49.801 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Tgt Ion:128 Resp: 92258
Ion Ratio Lower Upper
128 100
49 142.4 105.6 196.0
130 127.7 89.5 166.1
51 47.1 38.5 57.7





#25

Chloroform

Concen: 47.622 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV021787.D

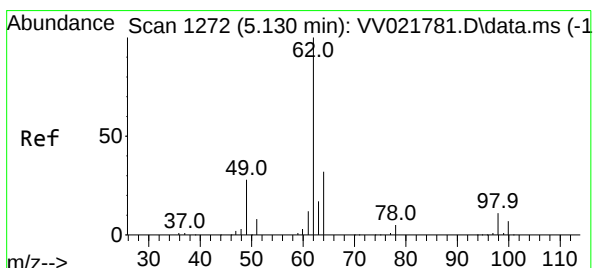
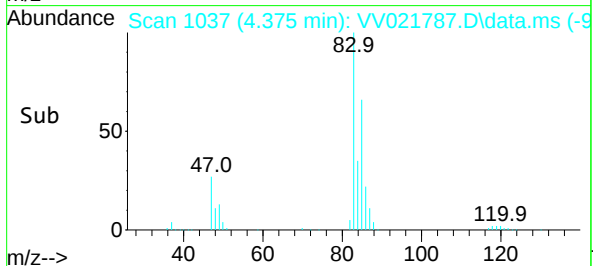
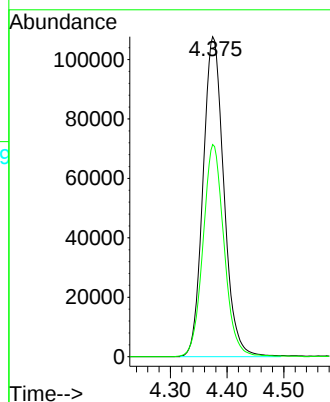
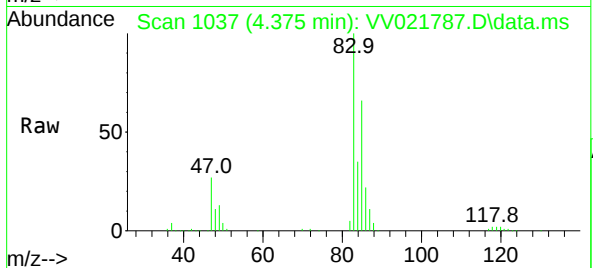
Acq: 16 Aug 2021 13:30

Tgt Ion: 83 Resp: 275043

Ion Ratio Lower Upper

83 100

85 66.3 44.8 83.2



#27

1,2-Dichloroethane

Concen: 49.934 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV021787.D

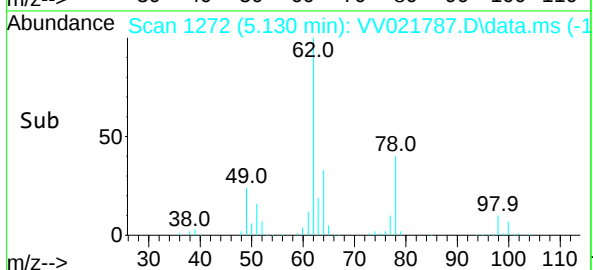
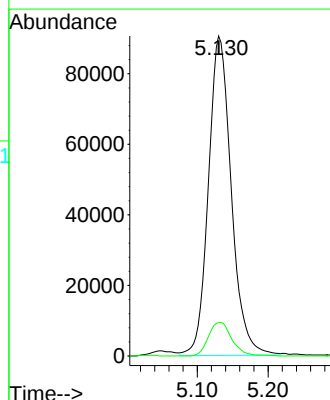
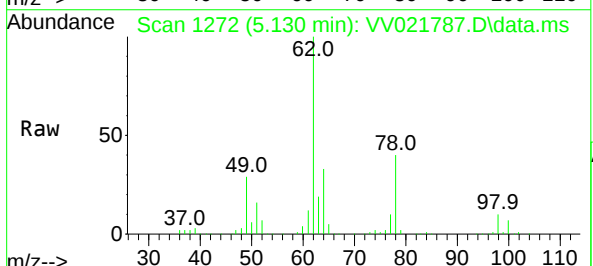
Acq: 16 Aug 2021 13:30

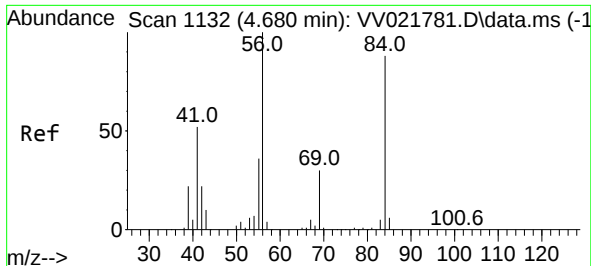
Tgt Ion: 62 Resp: 203197

Ion Ratio Lower Upper

62 100

98 10.4 8.6 13.0





#29

Cyclohexane

Concen: 47.137 ug/L

RT: 4.677 min Scan# 1131

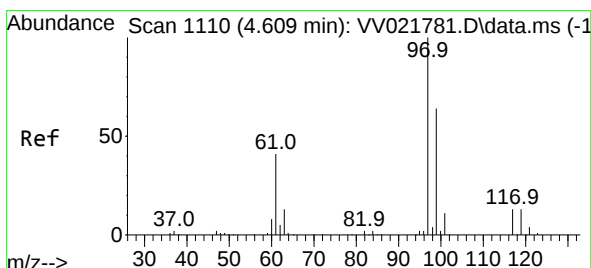
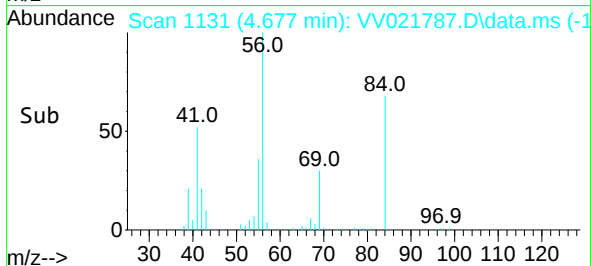
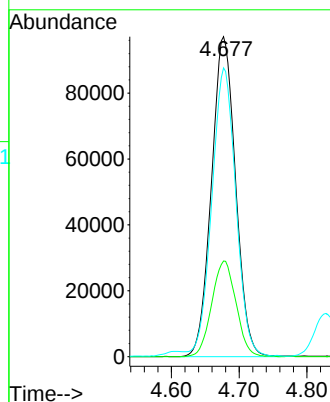
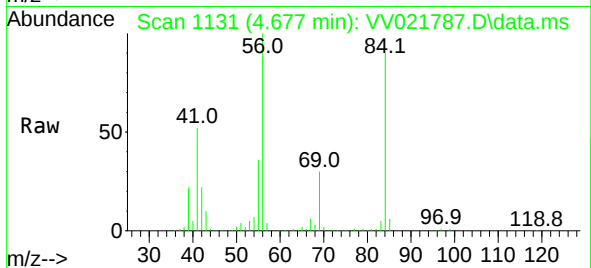
Delta R.T. -0.003 min

Lab File: VV021787.D

Acq: 16 Aug 2021 13:30

Tgt Ion:	56	Resp:	240155
Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.9	37.3
84	90.0	72.6	109.0

Instrument :
MSVOA_V
ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 46.383 ug/L

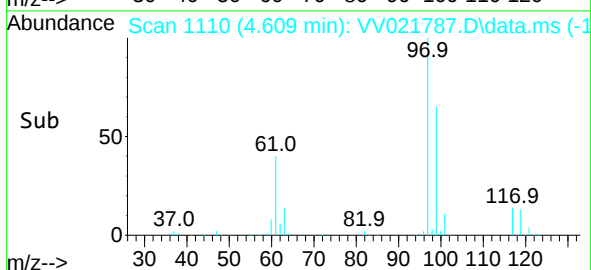
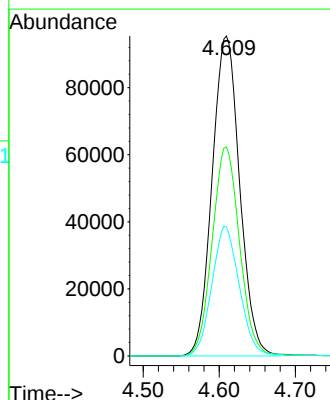
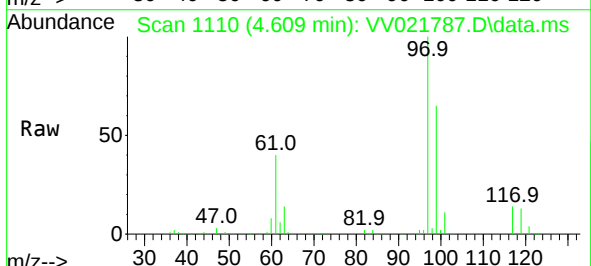
RT: 4.609 min Scan# 1110

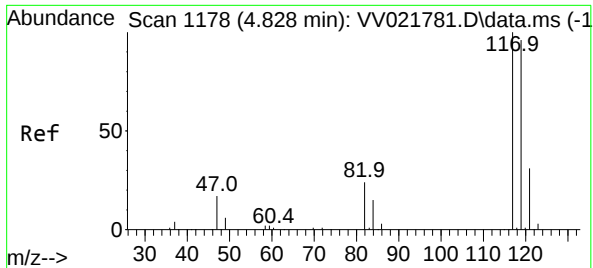
Delta R.T. -0.000 min

Lab File: VV021787.D

Acq: 16 Aug 2021 13:30

Tgt Ion:	97	Resp:	240094
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.0	76.4
61	40.4	32.3	48.5

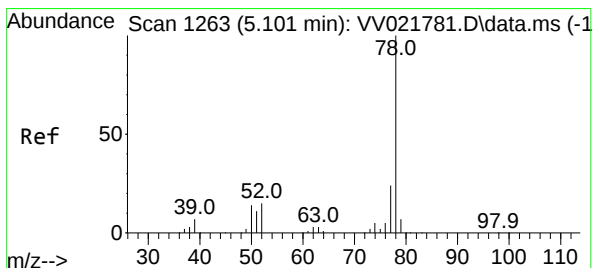
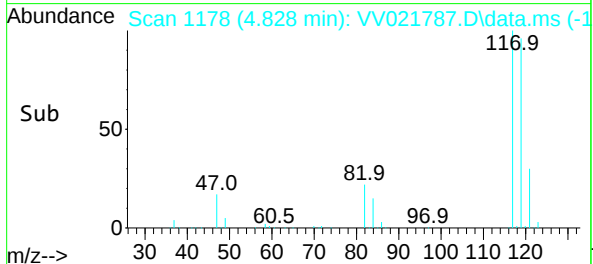
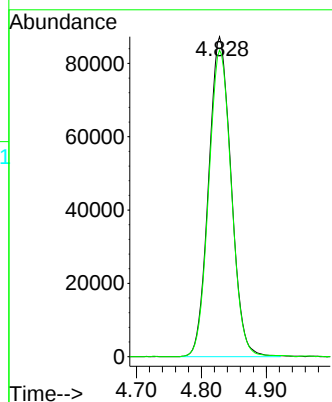
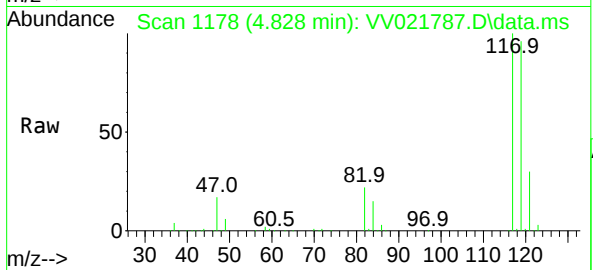




#31
Carbon tetrachloride
Concen: 46.874 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

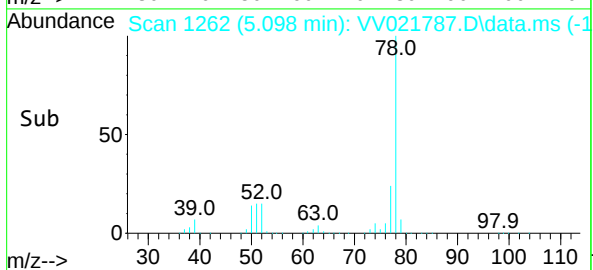
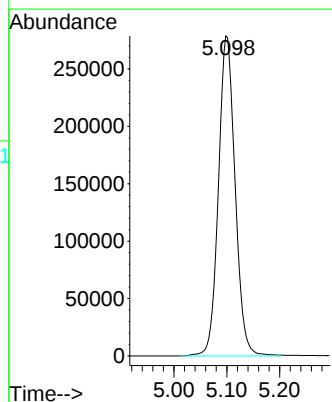
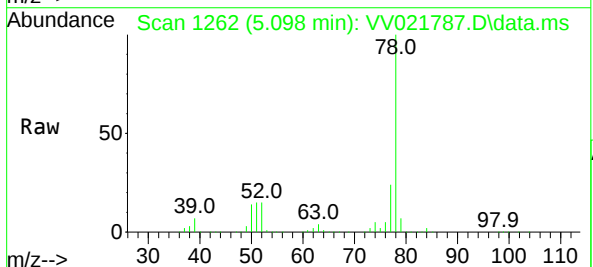
Instrument :
MSVOA_V
ClientSampled :

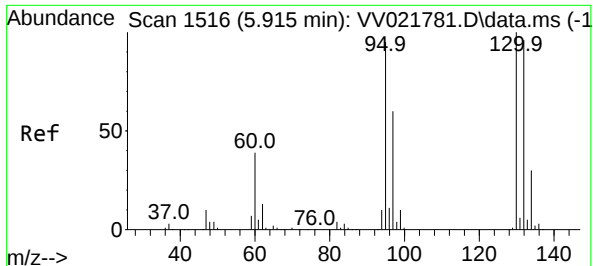
Tgt Ion:117 Resp: 209950
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7



#33
Benzene
Concen: 48.059 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Tgt Ion: 78 Resp: 611788

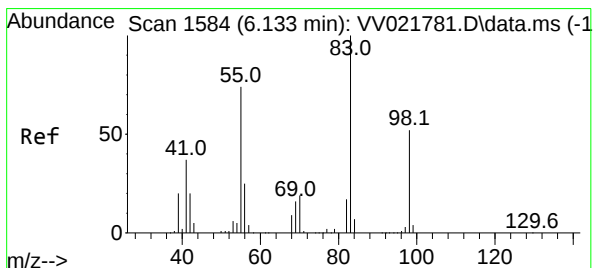
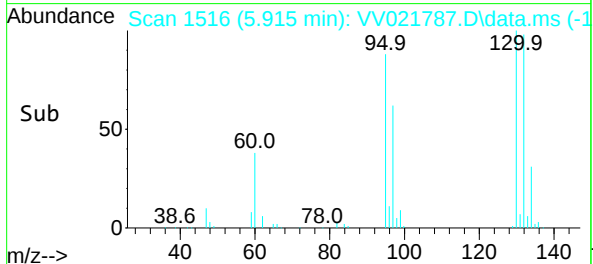
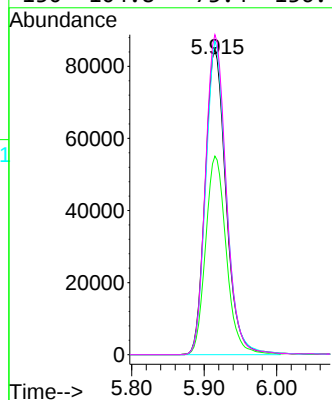
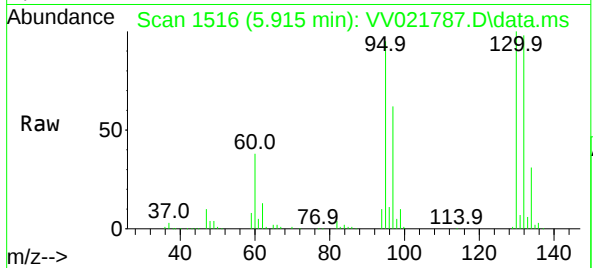




#34
Trichloroethene
Concen: 46.230 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

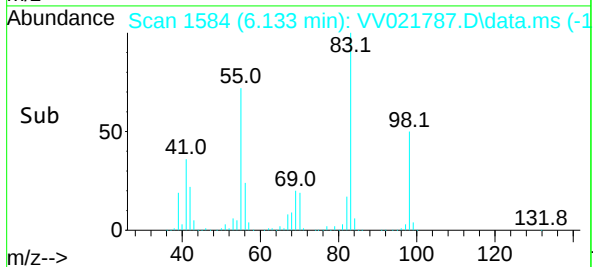
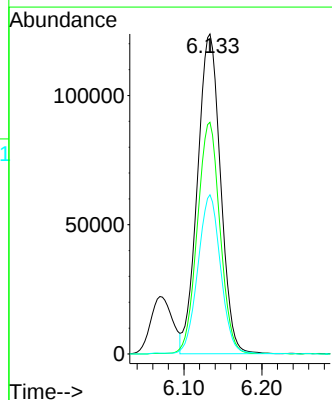
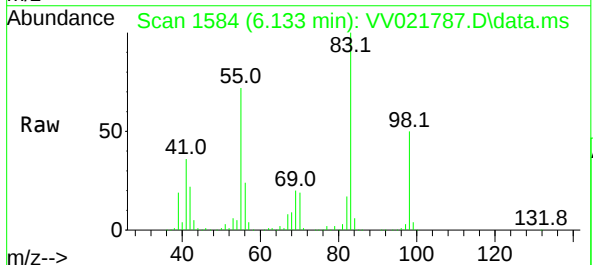
Instrument :
MSVOA_V
ClientSampleId :

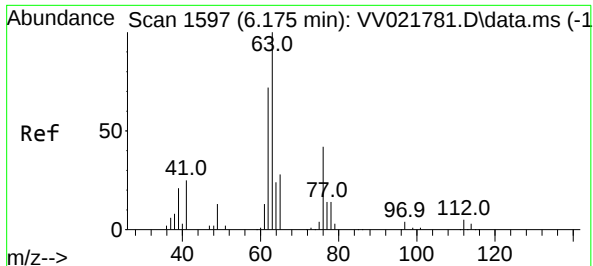
Tgt Ion: 95 Resp: 169120
Ion Ratio Lower Upper
95 100
97 65.0 44.1 81.9
132 102.7 70.2 130.4
130 104.8 73.4 136.4



#35
Methylcyclohexane
Concen: 47.629 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Tgt Ion: 83 Resp: 254199
Ion Ratio Lower Upper
83 100
55 71.0 57.9 86.9
98 49.1 39.9 59.9



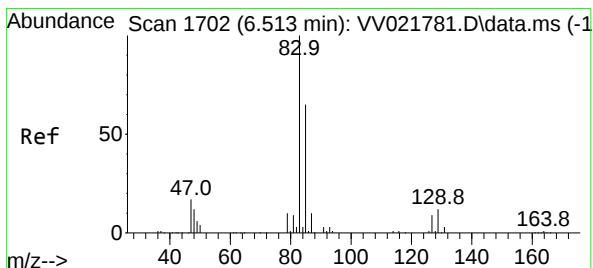
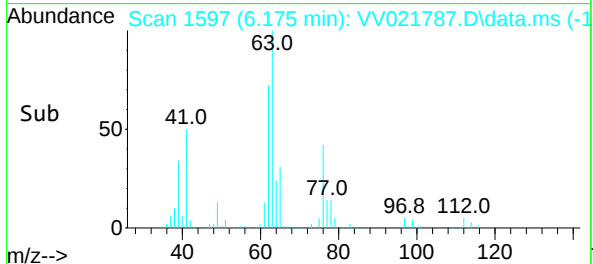
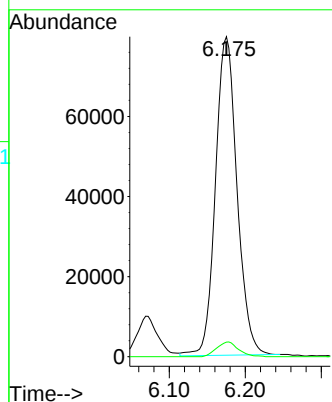
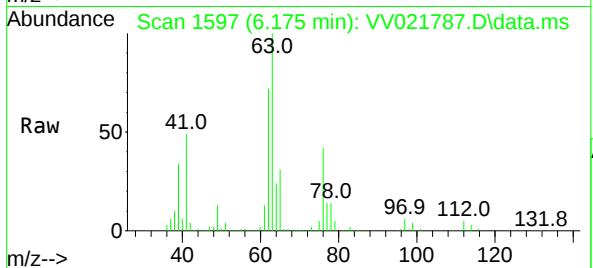


#37

1,2-Dichloropropane
Concen: 48.586 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Instrument :
MSVOA_V
ClientSampled :

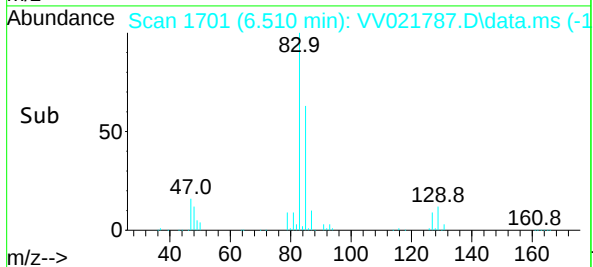
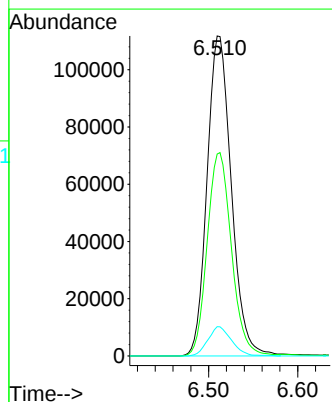
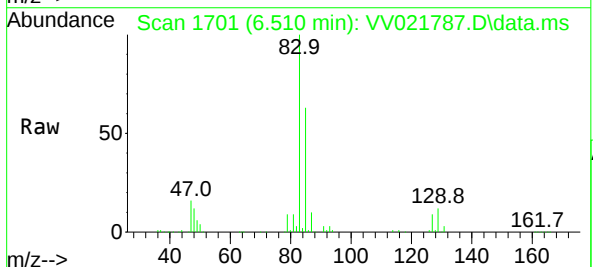
Tgt Ion: 63 Resp: 156613
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6

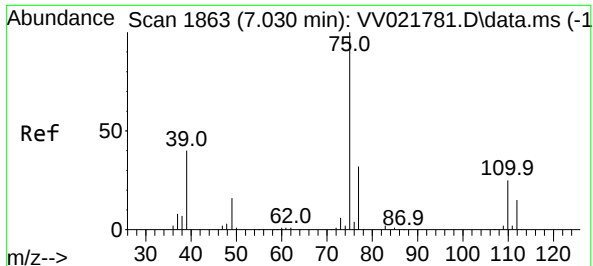


#38

Bromodichloromethane
Concen: 49.755 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Tgt Ion: 83 Resp: 211382
Ion Ratio Lower Upper
83 100
85 63.1 45.7 84.9
127 9.2 7.4 11.2

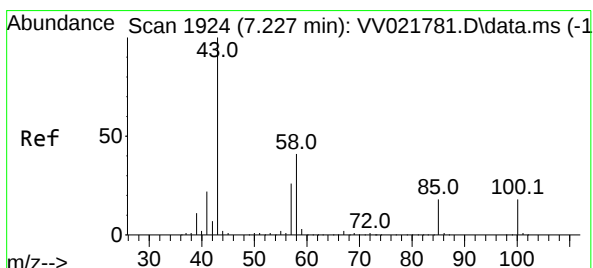
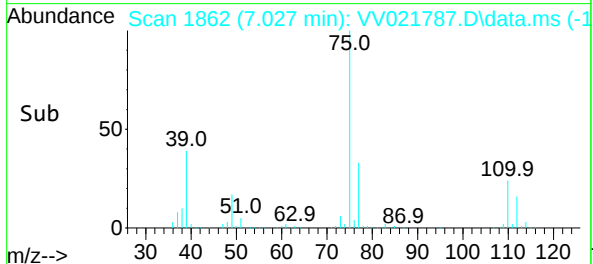
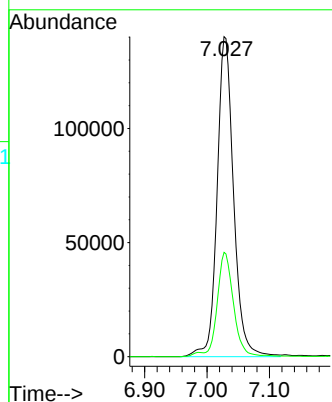
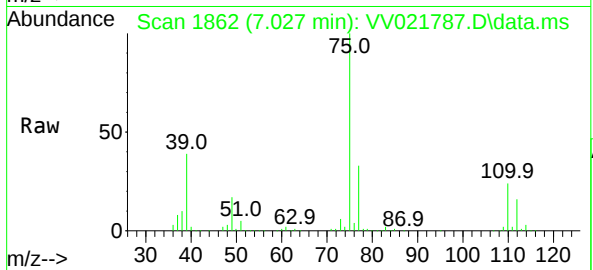




#39
 cis-1,3-Dichloropropene
 Concen: 50.407 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.003 min
 Lab File: VV021787.D
 Acq: 16 Aug 2021 13:30

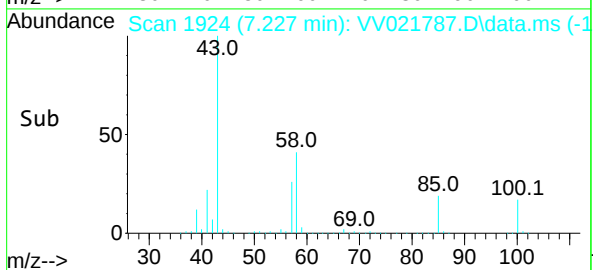
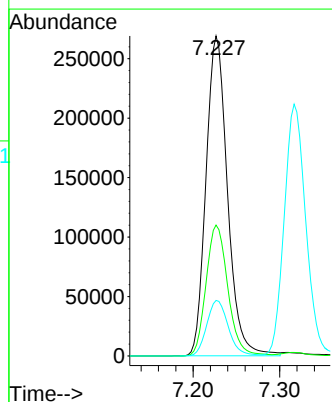
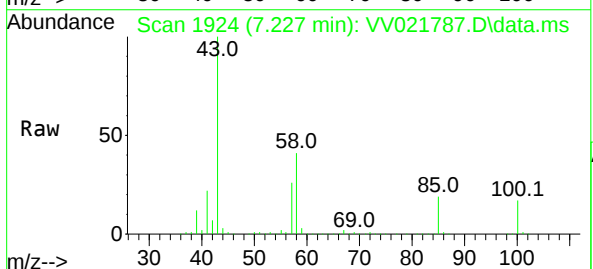
Instrument :
 MSVOA_V
 ClientSampled :

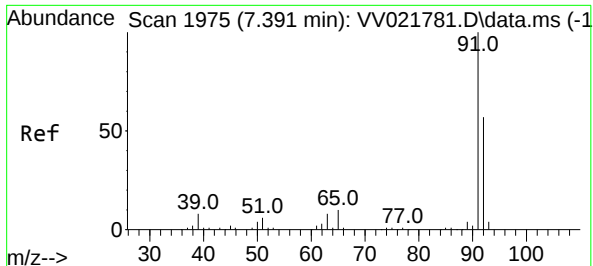
Tgt Ion: 75 Resp: 257287
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 104.748 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV021787.D
 Acq: 16 Aug 2021 13:30

Tgt Ion: 43 Resp: 464452
 Ion Ratio Lower Upper
 43 100
 58 41.4 32.9 49.3
 100 17.4 14.0 21.0

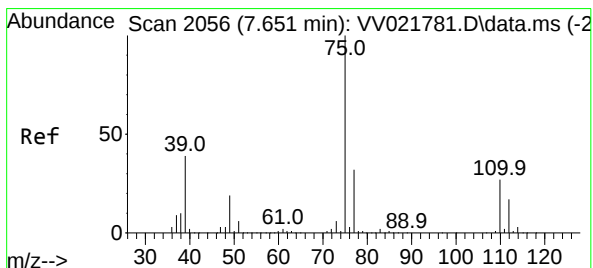
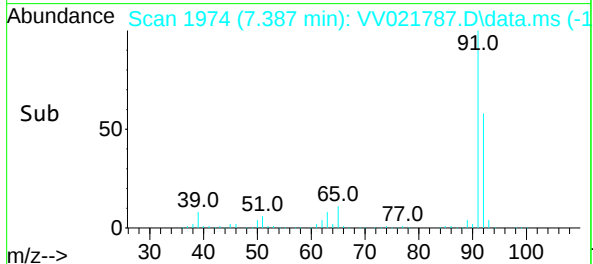
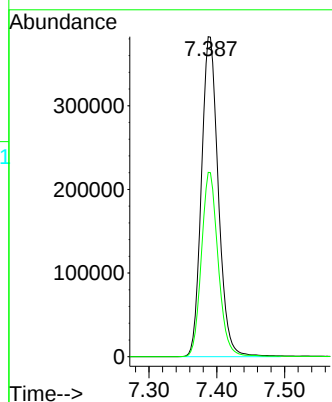
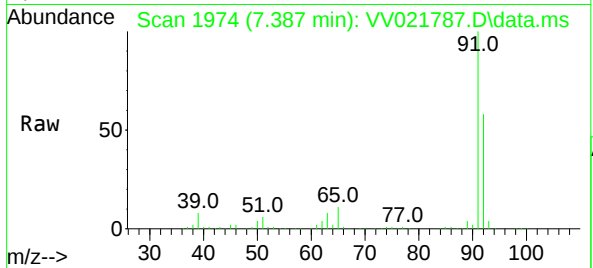




#42
Toluene
Concen: 48.633 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

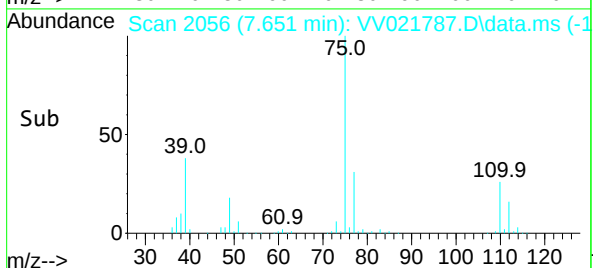
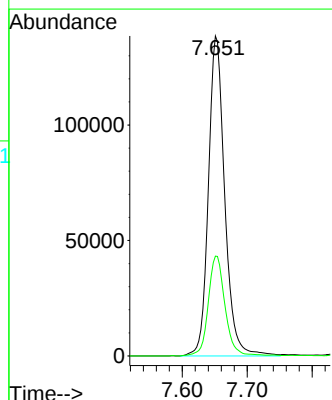
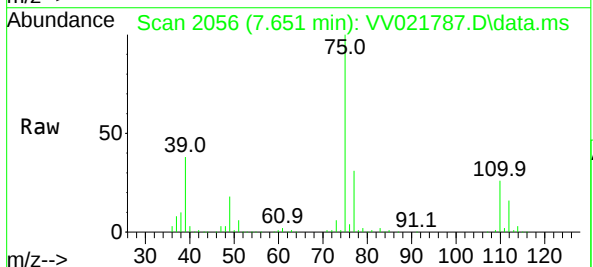
Instrument :
MSVOA_V
ClientSampled :

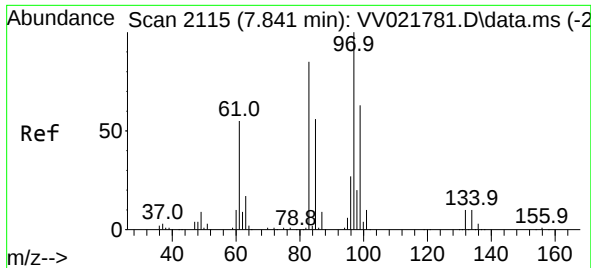
Tgt Ion: 91 Resp: 661228
Ion Ratio Lower Upper
91 100
92 57.6 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 50.433 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Tgt Ion: 75 Resp: 242590
Ion Ratio Lower Upper
75 100
77 31.2 22.2 41.2



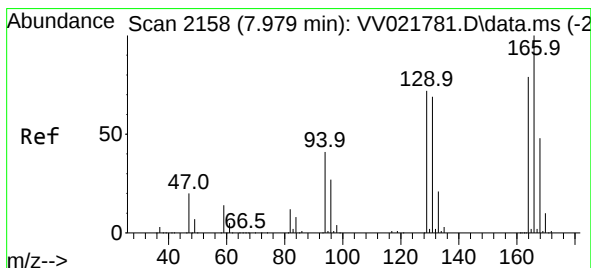
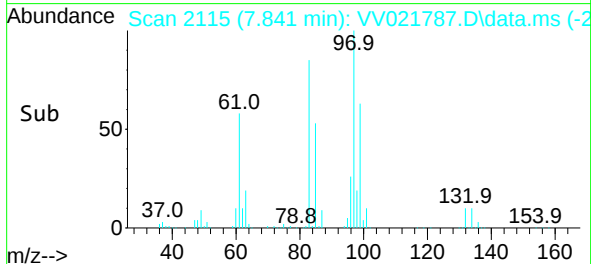
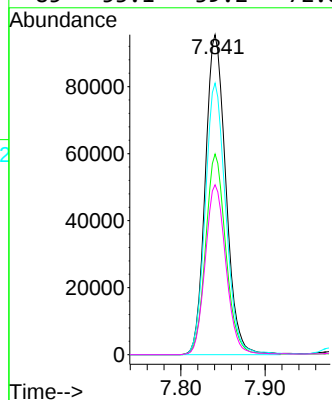
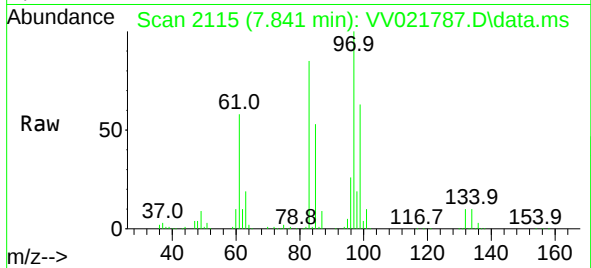


#45
1,1,2-Trichloroethane
Concen: 50.201 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 162103

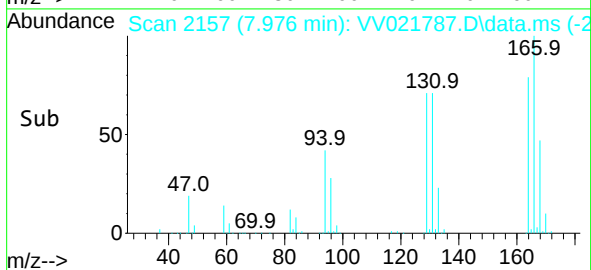
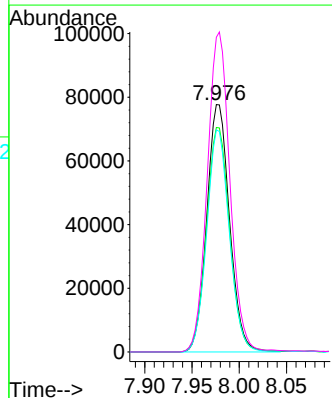
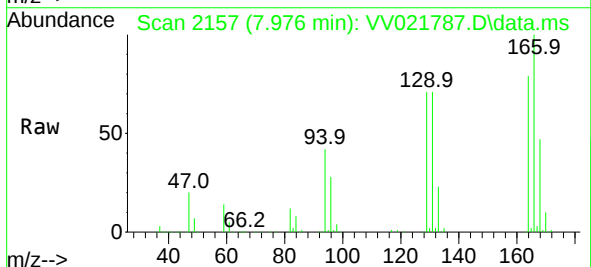
Ion	Ratio	Lower	Upper
97	100		
99	62.7	44.2	82.0
83	84.9	59.2	110.0
85	53.1	39.2	72.8

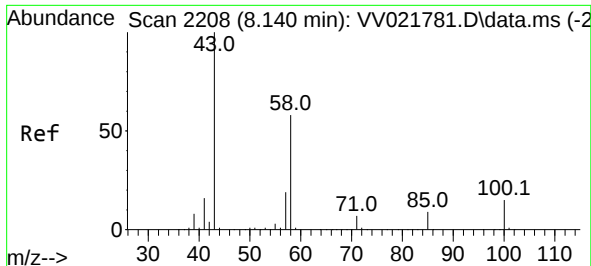


#46
Tetrachloroethene
Concen: 47.945 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Tgt Ion: 164 Resp: 130348

Ion	Ratio	Lower	Upper
164	100		
129	90.8	63.7	118.3
131	89.8	61.5	114.3
166	127.2	88.6	164.6

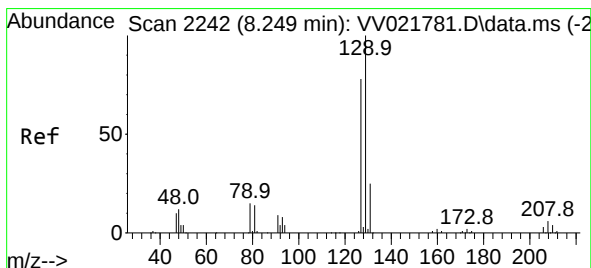
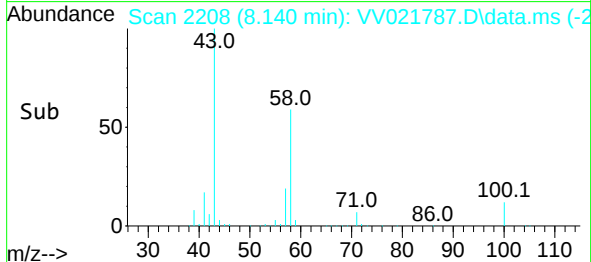
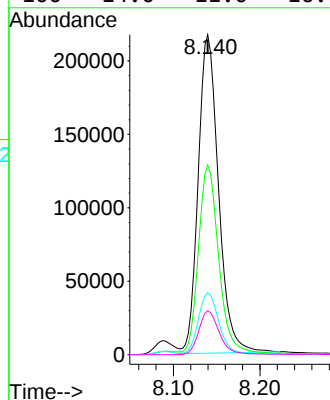
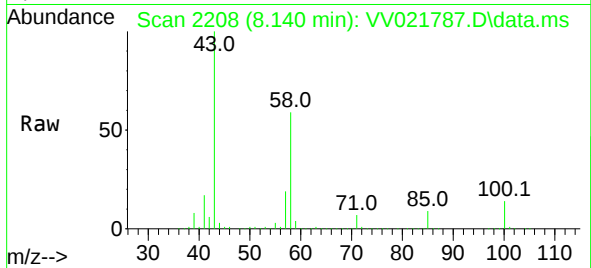




#48
2-Hexanone
Concen: 103.111 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

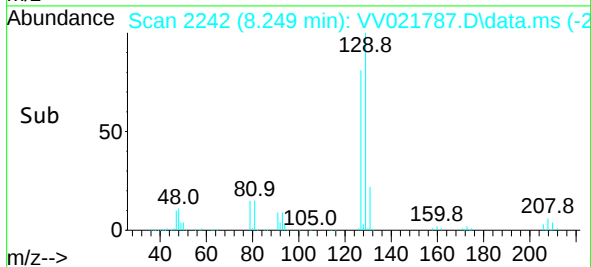
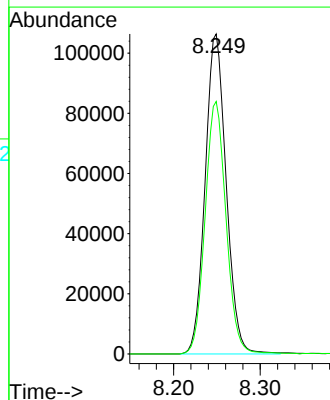
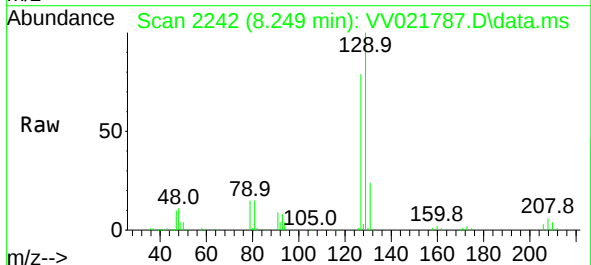
Instrument :
MSVOA_V
ClientSampleId :

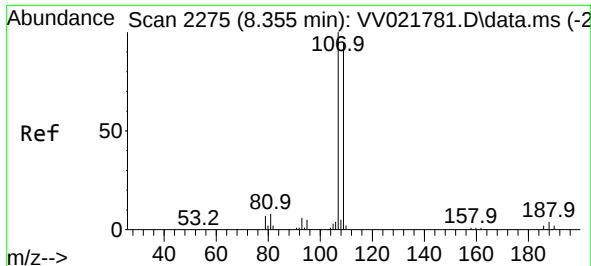
Tgt Ion: 43	Resp: 354147
Ion Ratio	Lower Upper
43 100	
58 58.7	45.4 68.2
57 19.3	15.3 22.9
100 14.0	11.0 16.6



#49
Dibromochloromethane
Concen: 50.363 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

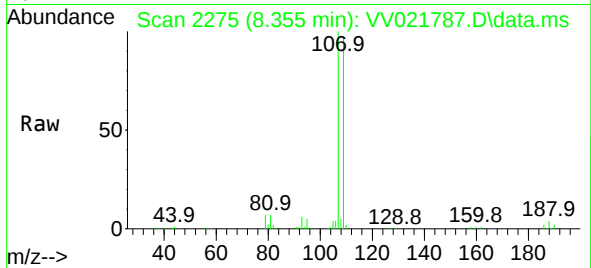
Tgt Ion:129	Resp: 179553
Ion Ratio	Lower Upper
129 100	
127 78.9	54.9 101.9



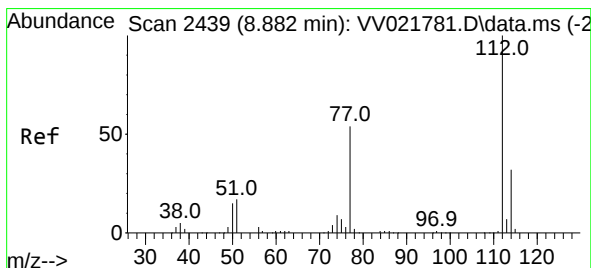
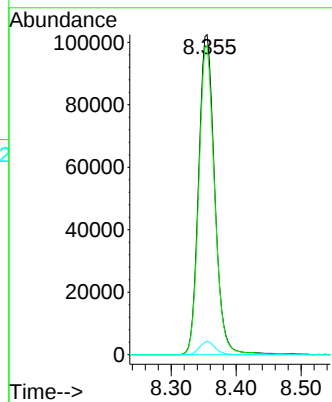
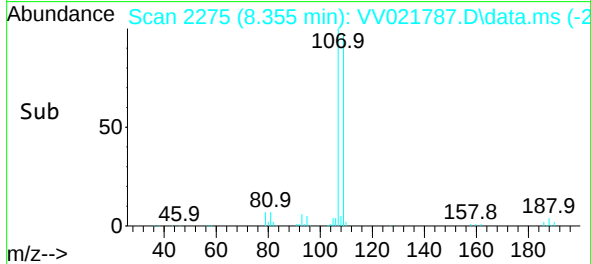


#50
1,2-Dibromoethane
Concen: 50.191 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

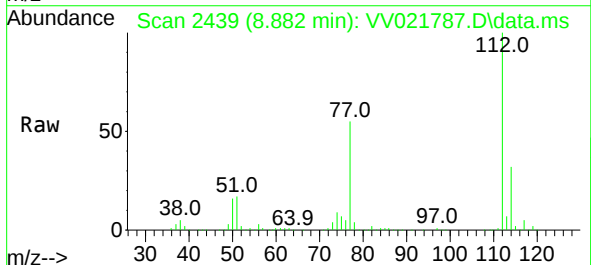
Instrument :
MSVOA_V
ClientSampled :



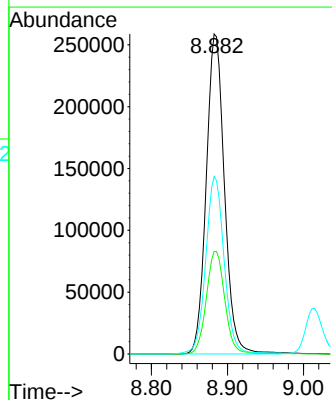
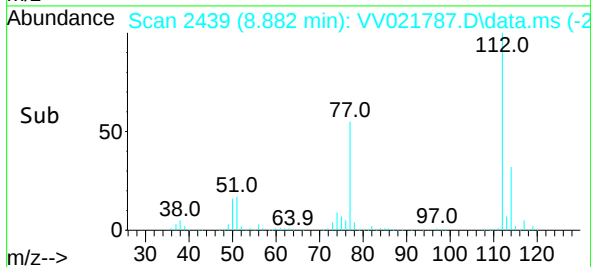
Tgt Ion:107 Resp: 176370
Ion Ratio Lower Upper
107 100
109 96.6 66.3 123.1
188 4.3 3.0 4.4

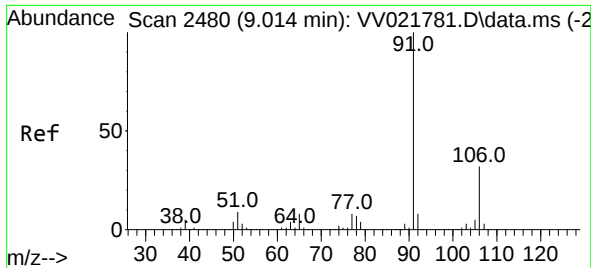


#51
Chlorobenzene
Concen: 48.509 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30



Tgt Ion:112 Resp: 430618
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 55.5 43.7 65.5

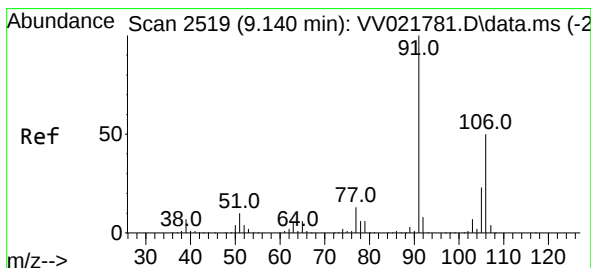
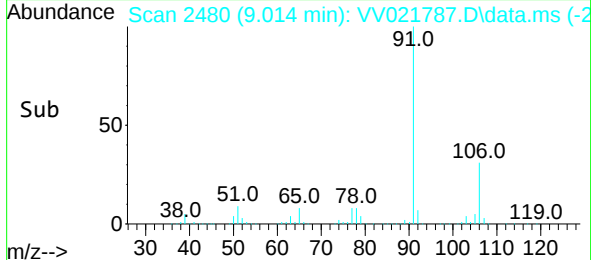
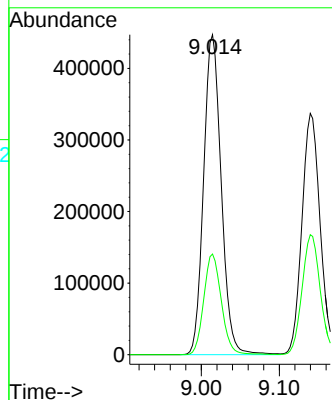
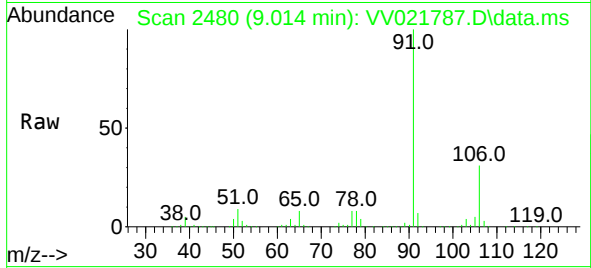




#52
Ethylbenzene
Concen: 48.404 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

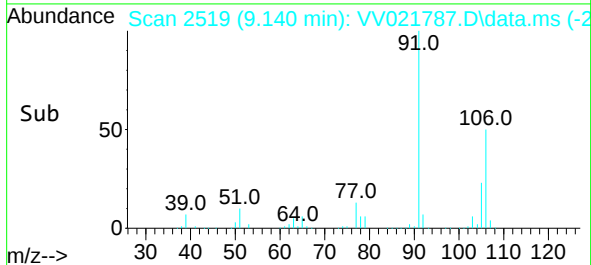
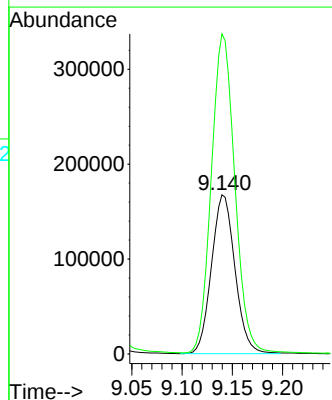
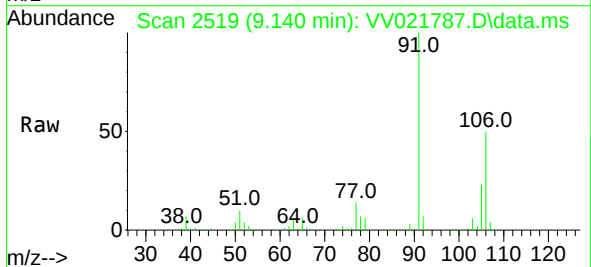
Instrument :
MSVOA_V
ClientSampled :

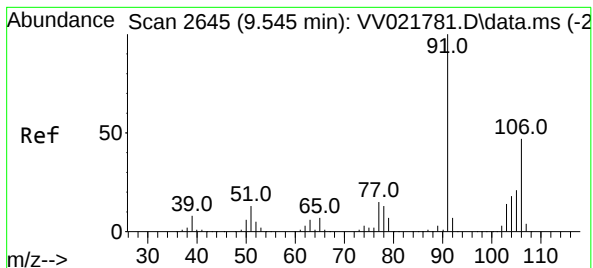
Tgt Ion: 91 Resp: 702103
Ion Ratio Lower Upper
91 100
106 31.4 22.2 41.2



#53
m,p-Xylene
Concen: 48.361 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Tgt Ion: 106 Resp: 271862
Ion Ratio Lower Upper
106 100
91 201.0 139.2 258.6





#54

o-Xylene

Concen: 49.140 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. -0.000 min

Lab File: VV021787.D

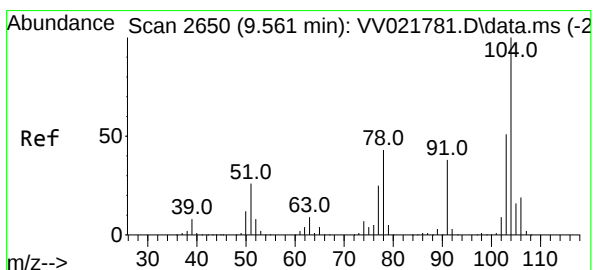
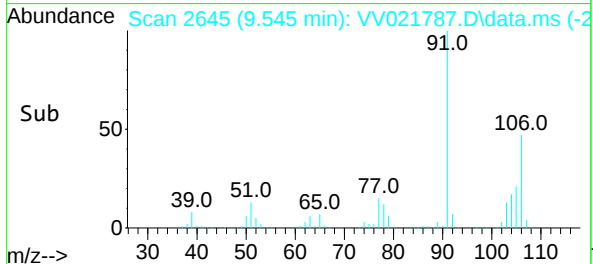
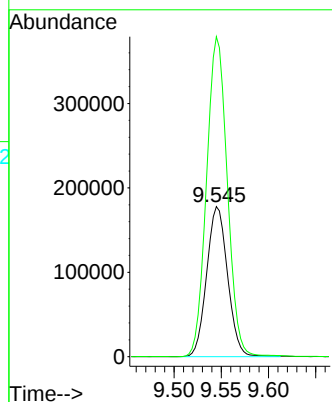
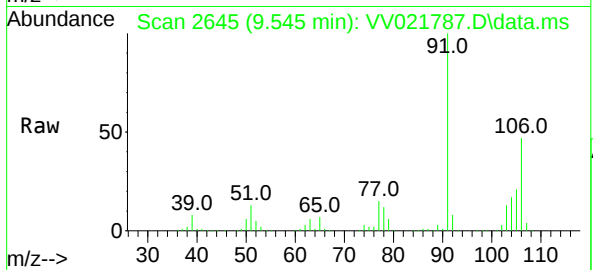
Acq: 16 Aug 2021 13:30

Tgt Ion:106 Resp: 273825

Ion Ratio Lower Upper

106 100

91 213.2 148.1 275.0



#55

Styrene

Concen: 50.620 ug/L

RT: 9.564 min Scan# 2651

Delta R.T. 0.003 min

Lab File: VV021787.D

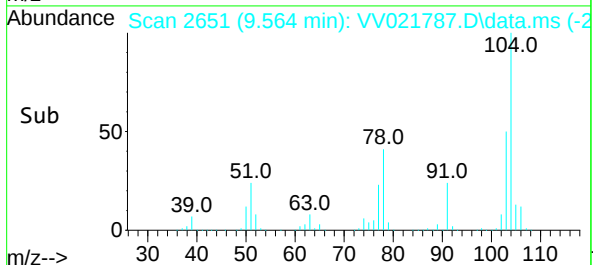
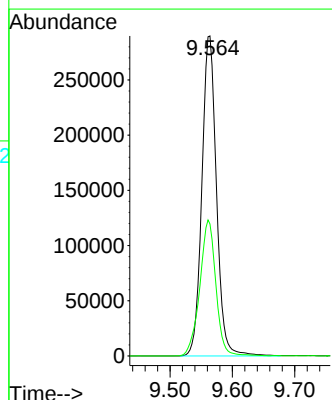
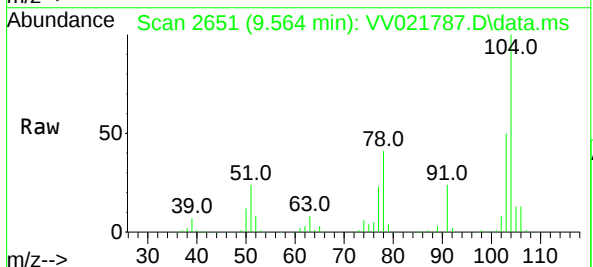
Acq: 16 Aug 2021 13:30

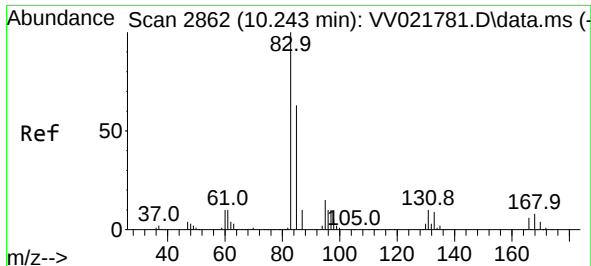
Tgt Ion:104 Resp: 472345

Ion Ratio Lower Upper

104 100

78 41.3 30.2 56.2

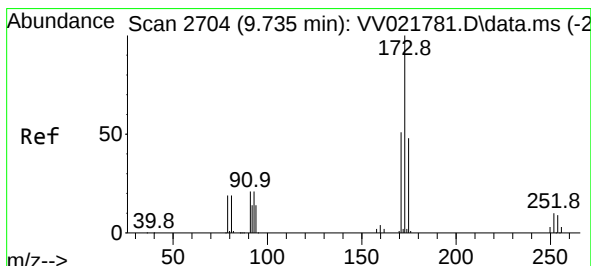
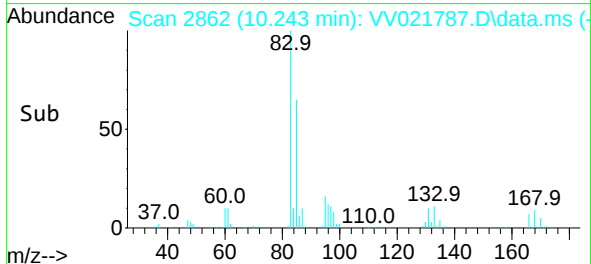
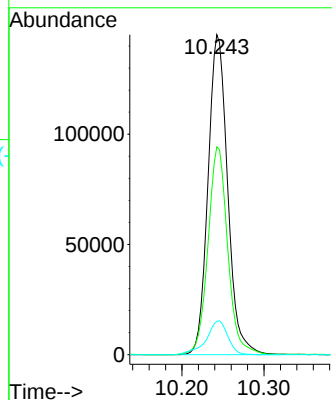
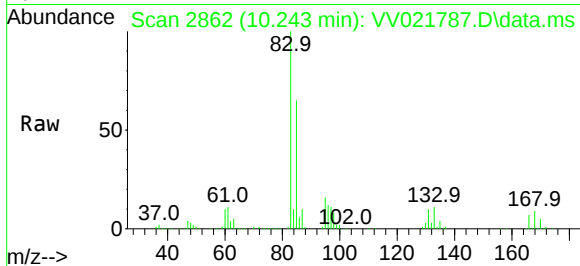




#57
1,1,2,2-Tetrachloroethane
Concen: 53.586 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

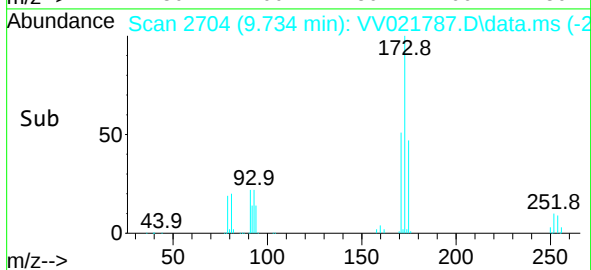
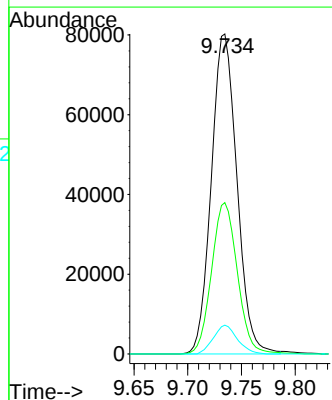
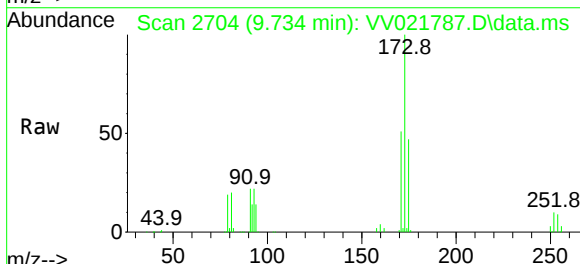
Instrument :
MSVOA_V
ClientSampleId :

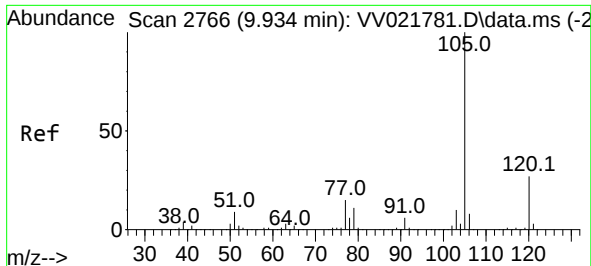
Tgt Ion: 83 Resp: 240879
Ion Ratio Lower Upper
83 100
85 65.0 44.4 82.5
131 10.5 7.9 11.9



#59
Bromoform
Concen: 50.648 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Tgt Ion: 173 Resp: 133049
Ion Ratio Lower Upper
173 100
175 47.6 38.6 58.0
254 8.4 7.2 10.8

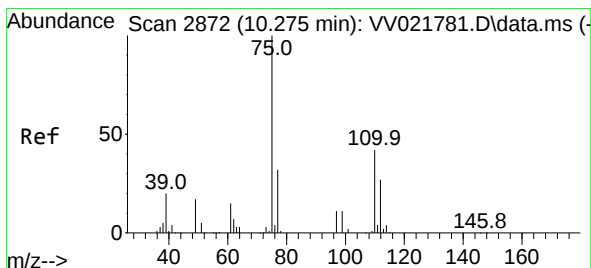
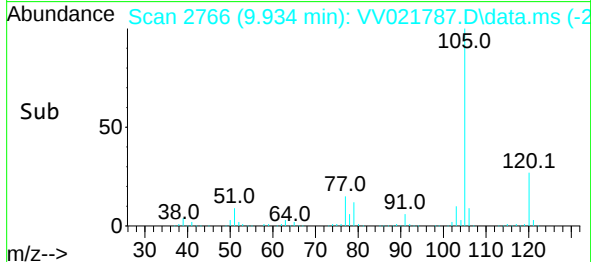
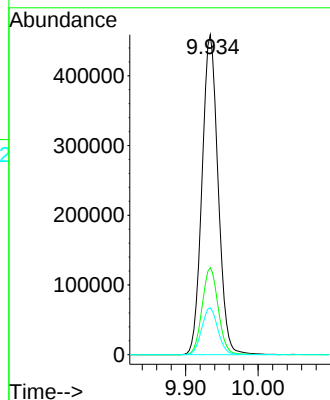
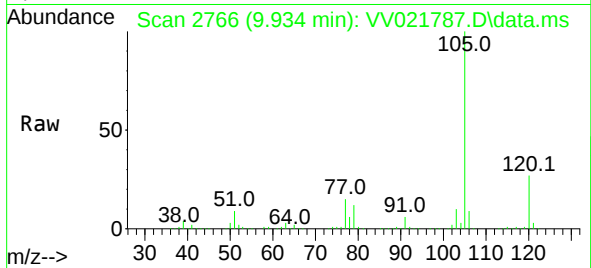




#60
Isopropylbenzene
Concen: 47.704 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

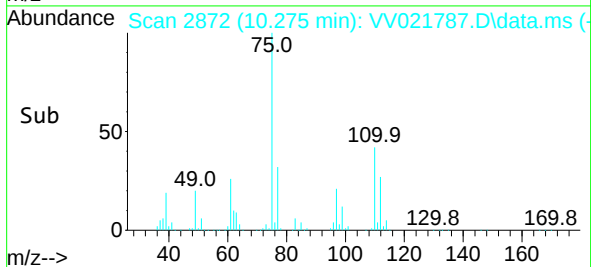
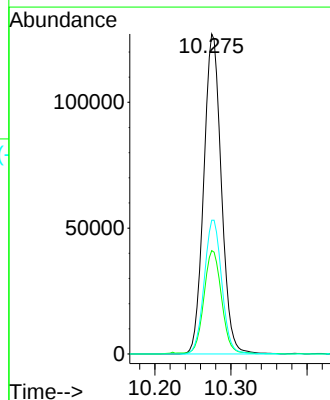
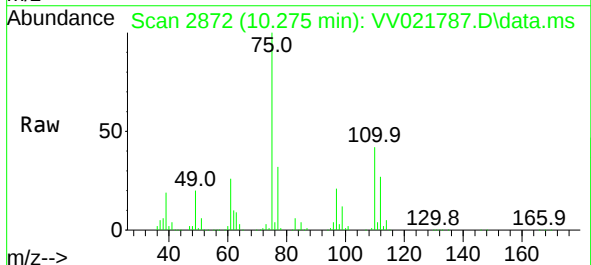
Instrument :
MSVOA_V
ClientSampleId :

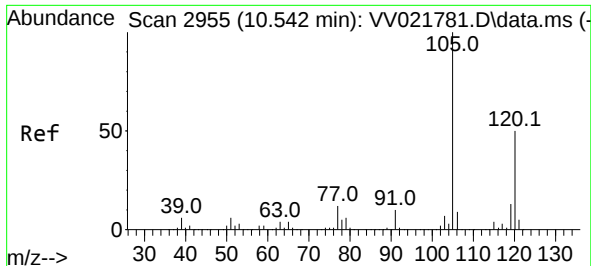
Tgt Ion:105 Resp: 706752
Ion Ratio Lower Upper
105 100
120 27.2 21.3 31.9
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 50.012 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Tgt Ion: 75 Resp: 204239
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3
110 41.8 33.4 50.2

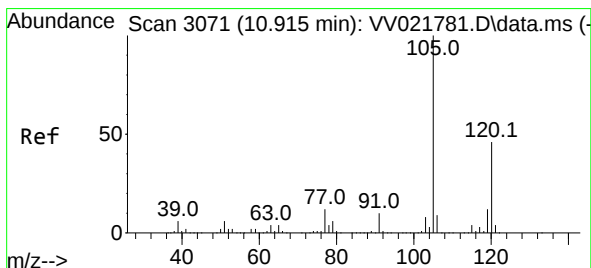
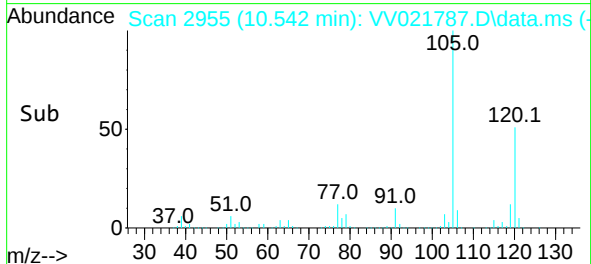
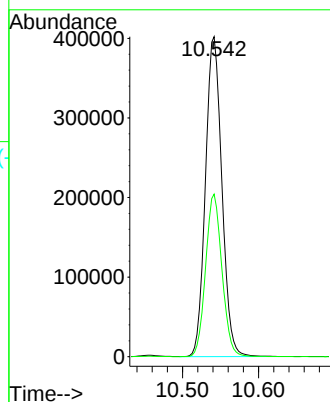
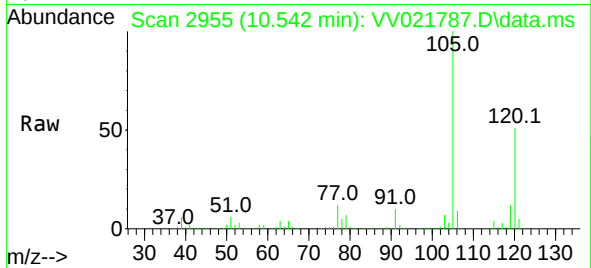




#62
1,3,5-Trimethylbenzene
Concen: 48.518 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

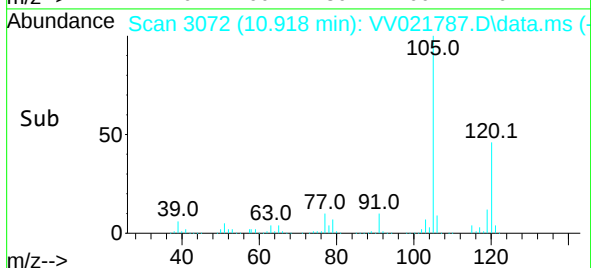
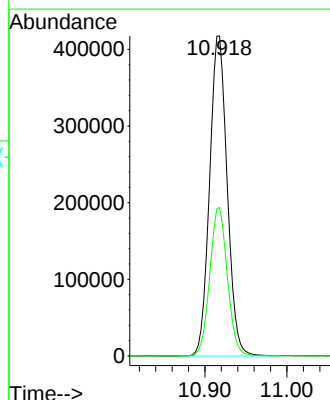
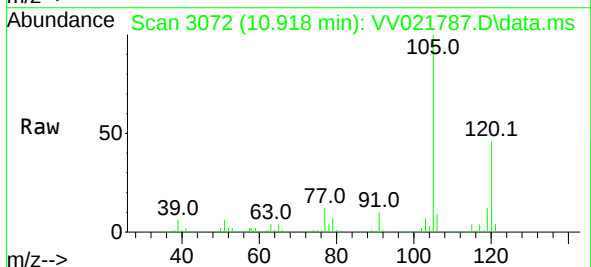
Instrument :
MSVOA_V
ClientSampled :

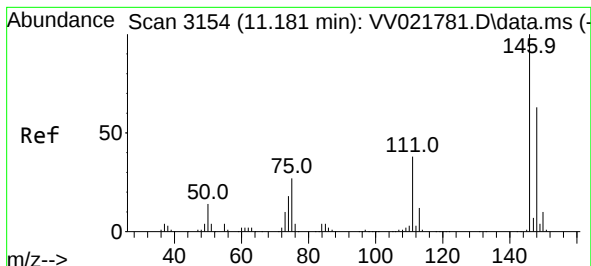
Tgt Ion:105 Resp: 603211
Ion Ratio Lower Upper
105 100
120 50.6 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 49.136 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Tgt Ion:105 Resp: 621141
Ion Ratio Lower Upper
105 100
120 46.4 37.3 55.9





#64

1,3-Dichlorobenzene

Concen: 48.785 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.003 min

Lab File: VV021787.D

Acq: 16 Aug 2021 13:30

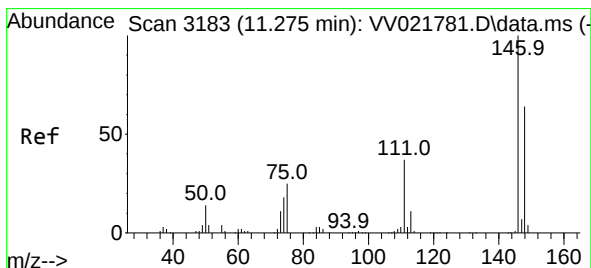
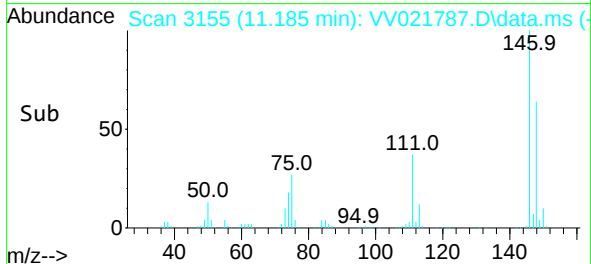
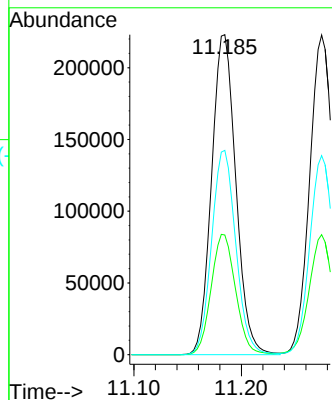
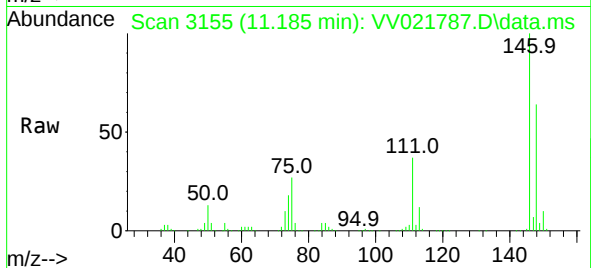
Tgt Ion:146 Resp: 350016

Ion Ratio Lower Upper

146 100

111 37.4 26.5 49.1

148 63.8 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 48.849 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. -0.000 min

Lab File: VV021787.D

Acq: 16 Aug 2021 13:30

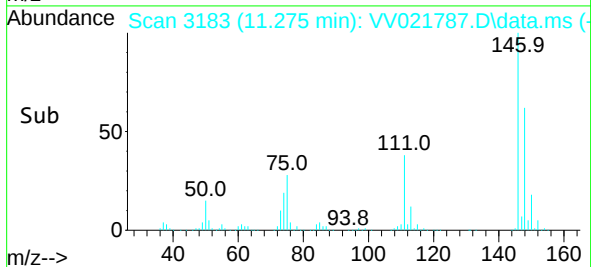
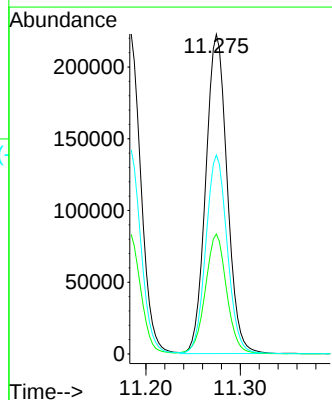
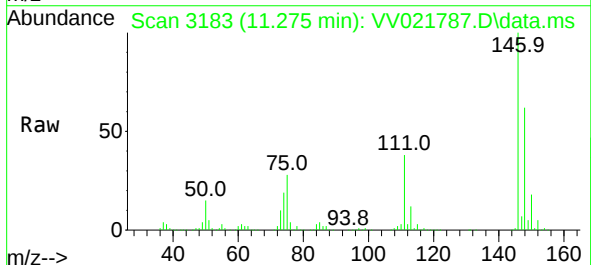
Tgt Ion:146 Resp: 349840

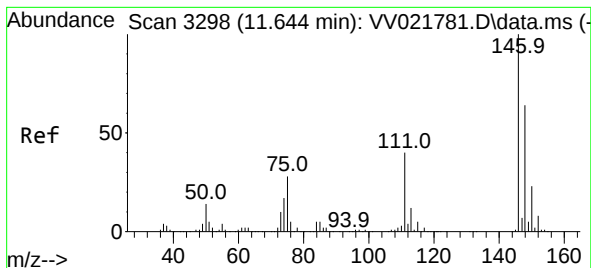
Ion Ratio Lower Upper

146 100

111 37.5 26.2 48.6

148 62.3 45.1 83.9

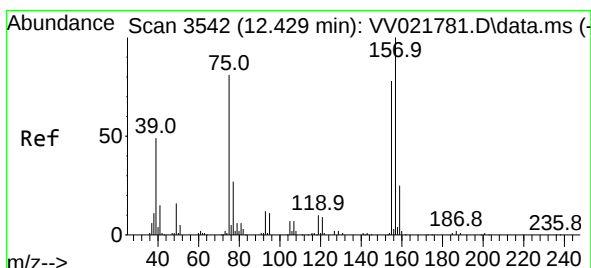
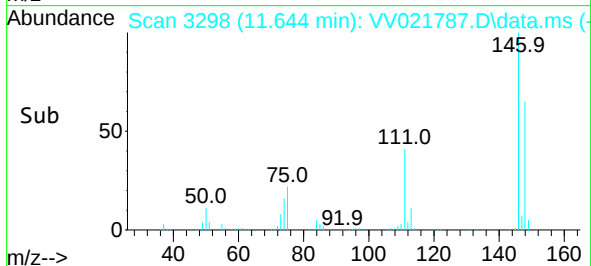
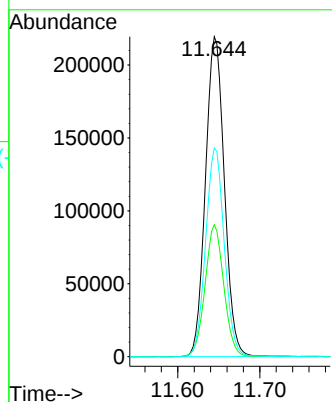
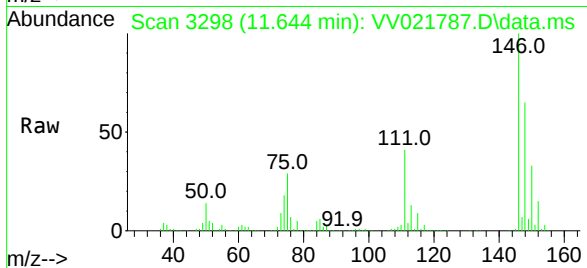




#67
1,2-Dichlorobenzene
Concen: 48.613 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

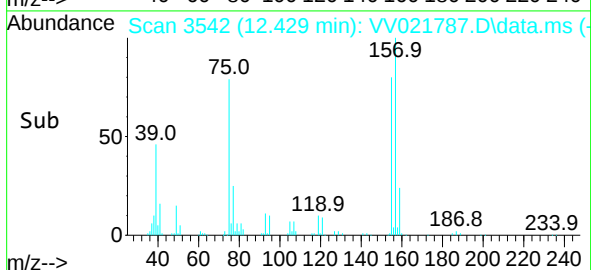
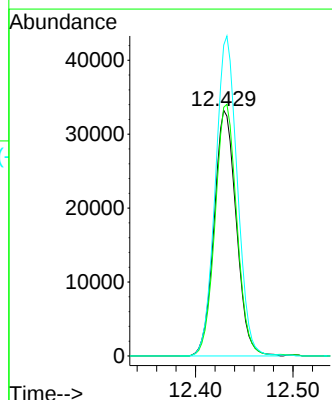
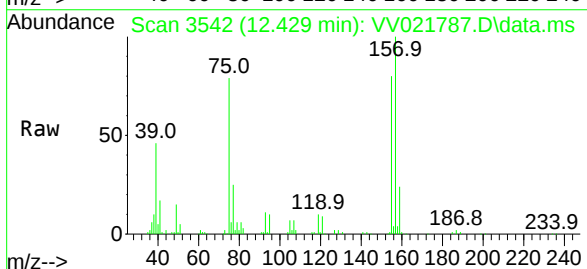
Instrument :
MSVOA_V
ClientSampled :

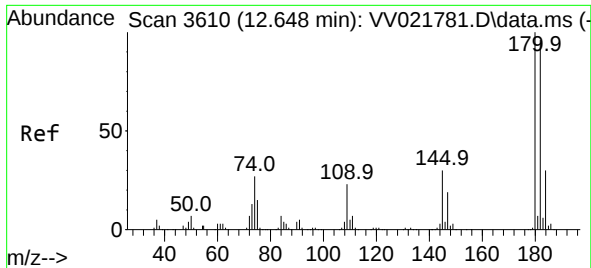
Tgt Ion:146 Resp: 351847
Ion Ratio Lower Upper
146 100
111 41.3 31.8 47.8
148 65.2 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 52.958 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

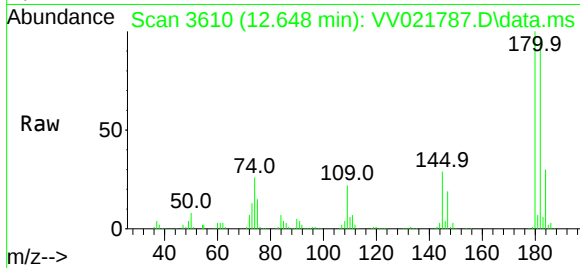
Tgt Ion: 75 Resp: 52582
Ion Ratio Lower Upper
75 100
155 101.3 77.8 116.8
157 126.6 99.4 149.0



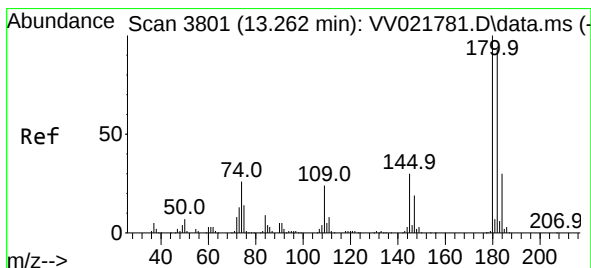
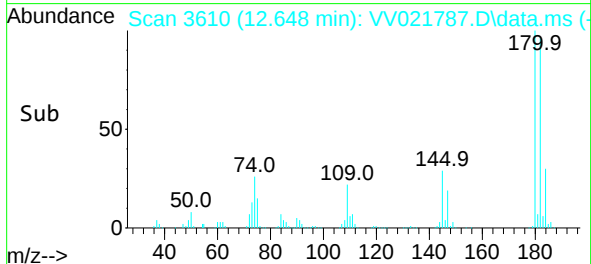
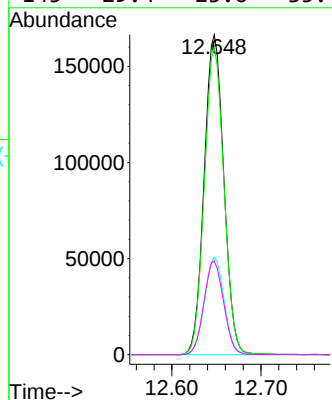


#69
1,3,5-Trichlorobenzene
Concen: 48.940 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

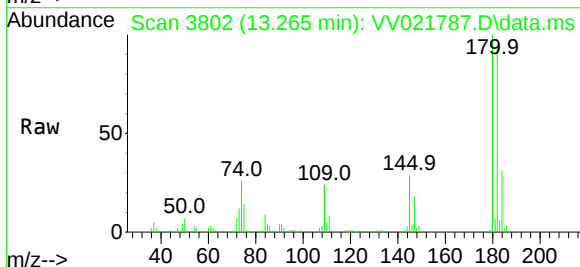
Instrument :
MSVOA_V
ClientSampleId :



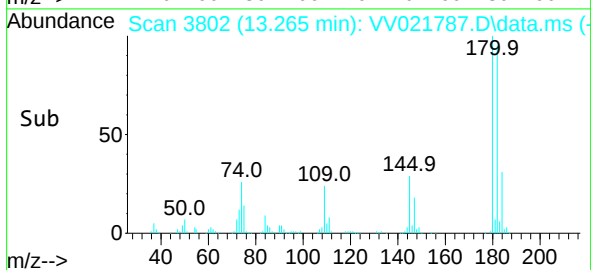
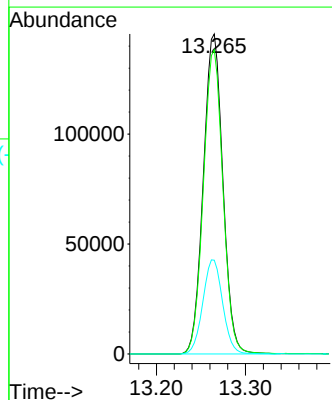
Tgt Ion:180 Resp: 254522
Ion Ratio Lower Upper
180 100
182 95.6 76.8 115.2
184 30.3 24.1 36.1
145 29.4 23.6 35.4

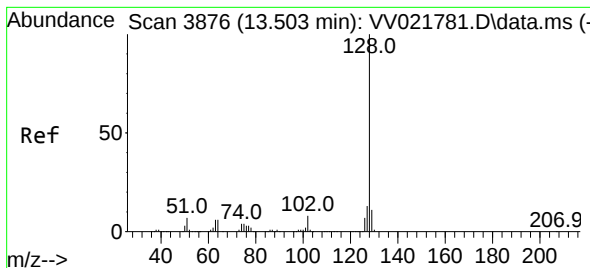


#70
1,2,4-trichlorobenzene
Concen: 50.833 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30



Tgt Ion:180 Resp: 221722
Ion Ratio Lower Upper
180 100
182 95.0 75.8 113.6
145 29.8 23.9 35.9

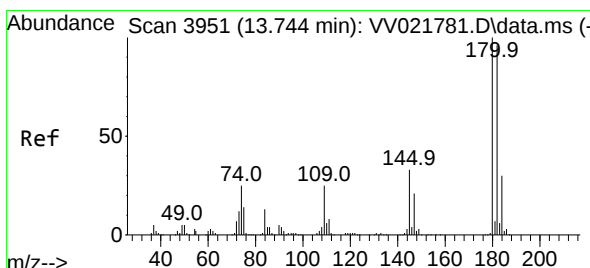
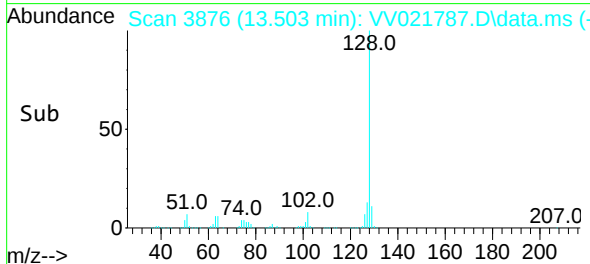
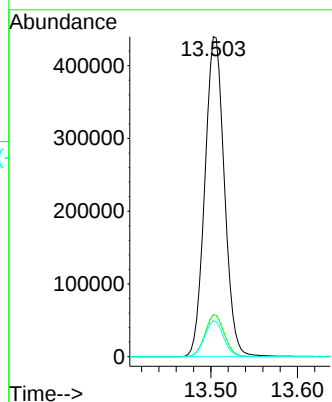
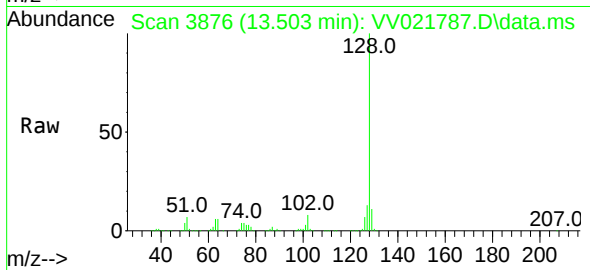




#71
Naphthalene
Concen: 54.313 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 688139
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 51.386 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021787.D
Acq: 16 Aug 2021 13:30

Tgt Ion:180 Resp: 225157
Ion Ratio Lower Upper
180 100
182 94.4 76.2 114.2
145 32.4 25.6 38.4

