

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
 Data File : VV021337.D
 Acq On : 07 May 2021 19:44
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 08 00:38:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 08 00:36:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	683447	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	676702	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	394303	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	153718	50.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.40%
7) Chloroethane-d5	1.568	69	136336	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.64%
11) 1,1-Dichloroethene-d2	2.108	63	391874	46.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.66%
21) 2-Butanone-d5	3.896	46	236558	97.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.24%
24) Chloroform-d	4.352	84	460198	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
26) 1,2-Dichloroethane-d4	5.037	65	340206	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
32) Benzene-d6	5.053	84	759175	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
36) 1,2-Dichloropropane-d6	6.072	67	188070	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.96%
41) Toluene-d8	7.320	98	779863	48.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.58%
43) trans-1,3-Dichloroprop...	7.686	79	811	0.27	ug/L	0.06
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.54%#
47) 2-Hexanone-d5	8.091	63	186462	100.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.86%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	301384	47.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.10%
66) 1,2-Dichlorobenzene-d4	11.632	152	363427	46.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.54%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	254914	46.20	ug/L	99
3) Chloromethane	1.243	50	148514	44.77	ug/L	97
5) Vinyl chloride	1.310	62	186179	45.03	ug/L	98
6) Bromomethane	1.523	94	154742	47.57	ug/L	100
8) Chloroethane	1.587	64	125051	46.82	ug/L	98
9) Trichlorofluoromethane	1.754	101	508572	46.90	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	228061	47.63	ug/L	95
12) 1,1-Dichloroethene	2.117	96	212134	49.57	ug/L	92
13) Acetone	2.195	43	214667	74.66	ug/L	76
14) Carbon disulfide	2.294	76	488570	45.51	ug/L	99
15) Methyl Acetate	2.436	43	180249	51.90	ug/L	91
16) Methylene chloride	2.510	84	222809	50.83	ug/L	89
17) trans-1,2-Dichloroethene	2.761	96	208560	48.67	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	797405	51.90	ug/L #	92
19) 1,1-Dichloroethane	3.191	63	366482	49.37	ug/L	97
20) cis-1,2-Dichloroethene	3.915	96	233490	49.56	ug/L	97
22) 2-Butanone	3.979	43	236644	86.23	ug/L	97
23) Bromochloromethane	4.252	128	143153	53.04	ug/L #	84
25) Chloroform	4.378	83	488907	50.02	ug/L	99

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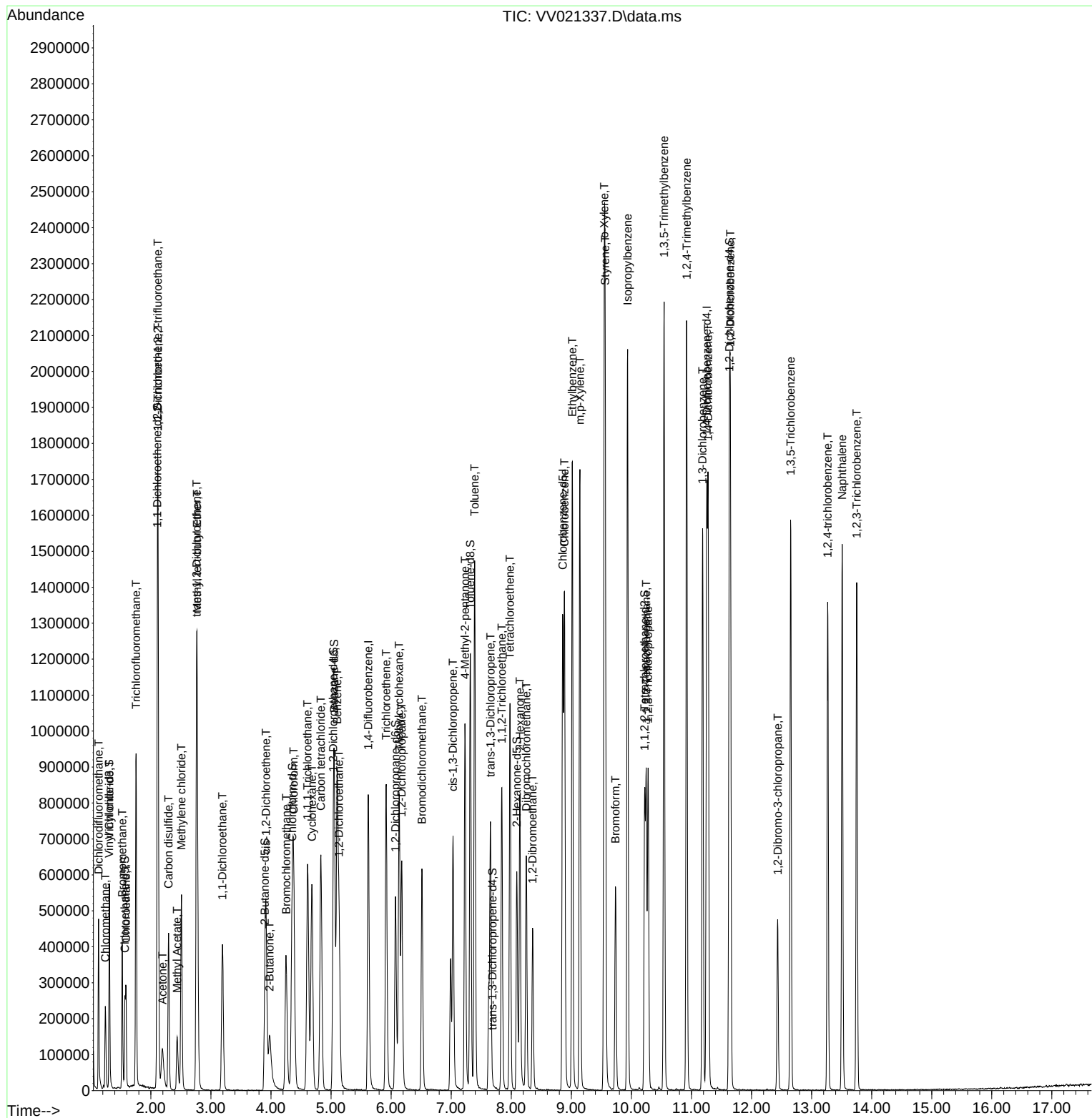
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	450010	50.51	ug/L	98
29) Cyclohexane	4.683	56	267734	47.07	ug/L	87
30) 1,1,1-Trichloroethane	4.609	97	526437	49.79	ug/L	98
31) Carbon tetrachloride	4.831	117	471748	47.99	ug/L	97
33) Benzene	5.101	78	842068	48.64	ug/L	100
34) Trichloroethene	5.918	95	266019	47.76	ug/L	97
35) Methylcyclohexane	6.133	83	341286	46.90	ug/L	96
37) 1,2-Dichloropropane	6.175	63	181719	49.71	ug/L #	95
38) Bromodichloromethane	6.513	83	375380	48.40	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	366783	51.42	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	547837	105.78	ug/L #	95
42) Toluene	7.391	91	1011948	50.16	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	392106	50.40	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	236235	50.36	ug/L	94
46) Tetrachloroethene	7.979	164	228982	47.83	ug/L	97
48) 2-Hexanone	8.143	43	420099	100.97	ug/L #	95
49) Dibromochloromethane	8.249	129	321165	48.27	ug/L	99
50) 1,2-Dibromoethane	8.355	107	262636	49.71	ug/L #	93
51) Chlorobenzene	8.886	112	694140	49.77	ug/L	99
52) Ethylbenzene	9.018	91	1168071	50.11	ug/L	98
53) m,p-Xylene	9.143	106	448396	48.99	ug/L	92
54) o-Xylene	9.548	106	451852	51.22	ug/L	99
55) Styrene	9.564	104	780668	51.98	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.246	83	315882	49.82	ug/L #	98
59) Bromoform	9.738	173	256556	48.61	ug/L	98
60) Isopropylbenzene	9.937	105	1253722	49.76	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	309084	47.94	ug/L	94
62) 1,3,5-Trimethylbenzene	10.545	105	1114469	50.51	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	1121286	50.64	ug/L	97
64) 1,3-Dichlorobenzene	11.185	146	596377	48.75	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	609668	48.67	ug/L	96
67) 1,2-Dichlorobenzene	11.648	146	619260	50.12	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	114069	50.87	ug/L	90
69) 1,3,5-Trichlorobenzene	12.651	180	462605	48.83	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	395968	51.34	ug/L	98
71) Naphthalene	13.509	128	1142058	53.91	ug/L	99
72) 1,2,3-Trichlorobenzene	13.750	180	401994	51.50	ug/L	94

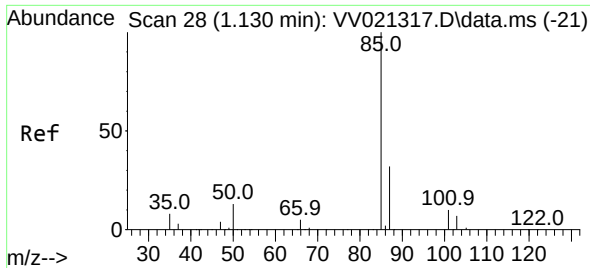
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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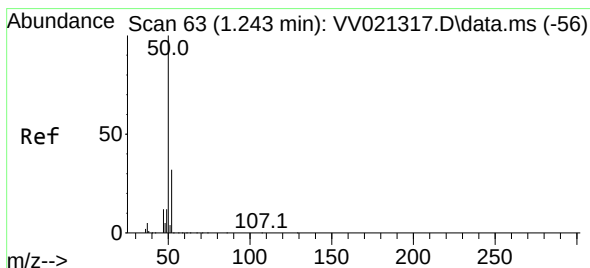
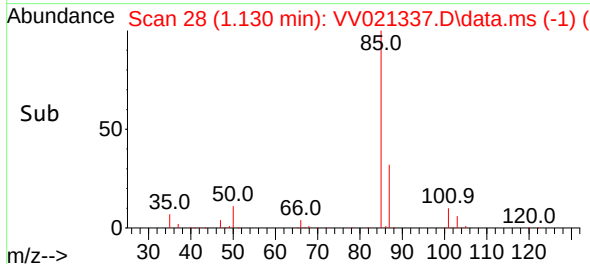
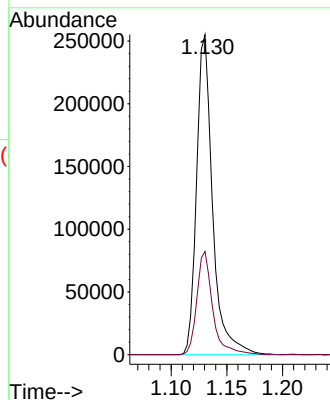
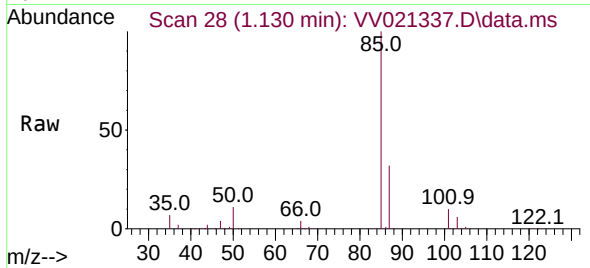




#2
 Dichlorodifluoromethane
 Concen: 46.20 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV021337.D
 Acq: 07 May 2021 19:44

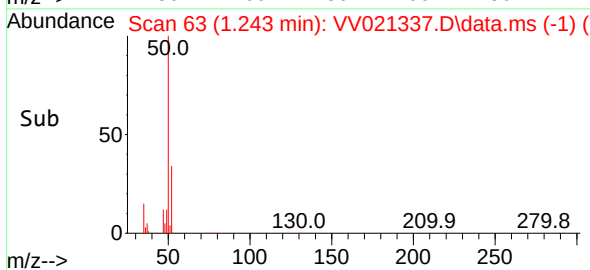
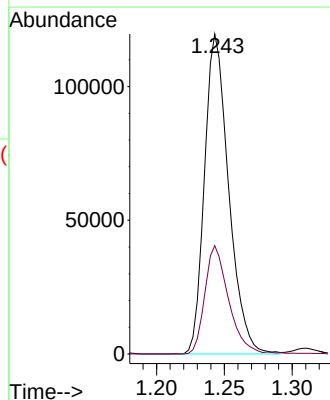
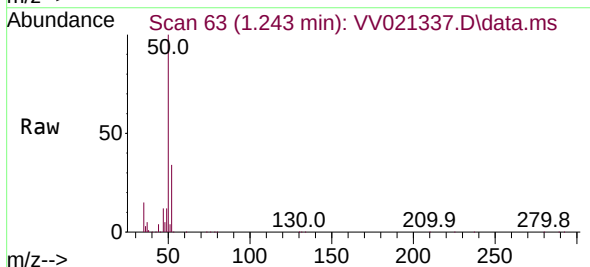
Instrument :
 MSVOA_V
 ClientSampleId :

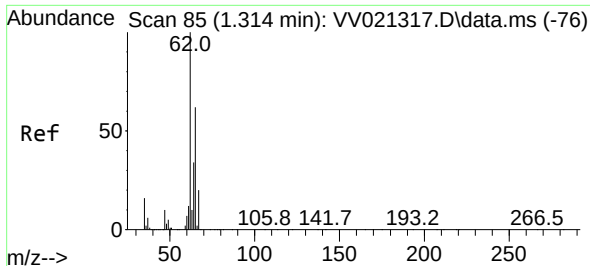
Tgt Ion: 85 Resp: 254914
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.8



#3
 Chloromethane
 Concen: 44.77 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV021337.D
 Acq: 07 May 2021 19:44

Tgt Ion: 50 Resp: 148514
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.7 42.1

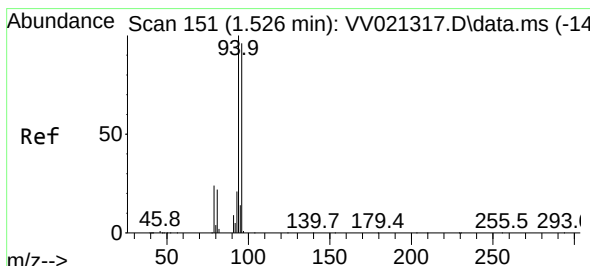
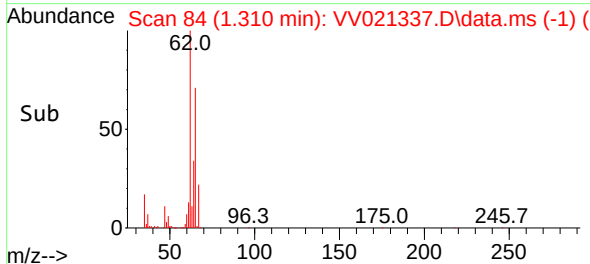
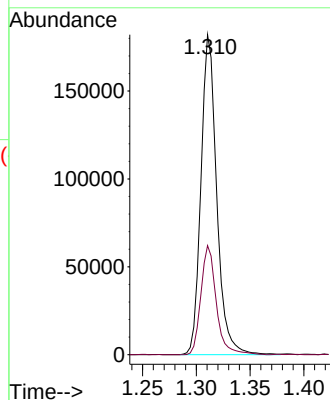
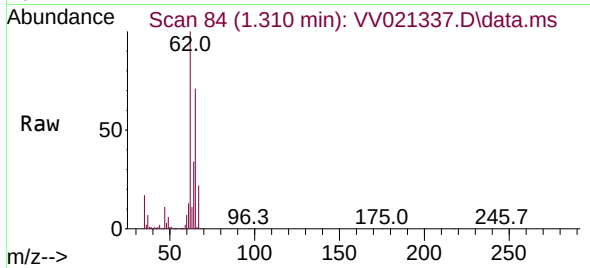




#5
 Vinyl chloride
 Concen: 45.03 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV021337.D
 Acq: 07 May 2021 19:44

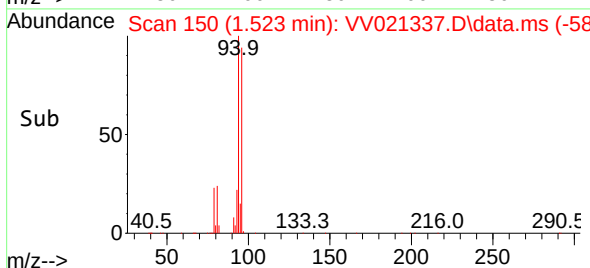
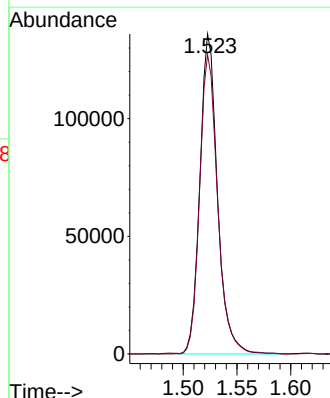
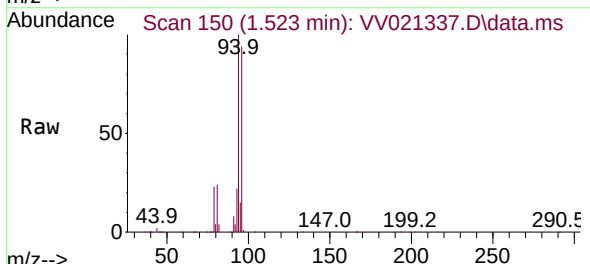
Instrument :
 MSVOA_V
 ClientSampleId :

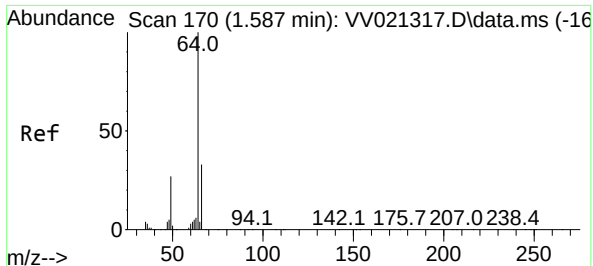
Tgt Ion: 62 Resp: 186179
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.2 43.2



#6
 Bromomethane
 Concen: 47.57 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV021337.D
 Acq: 07 May 2021 19:44

Tgt Ion: 94 Resp: 154742
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.7 122.1

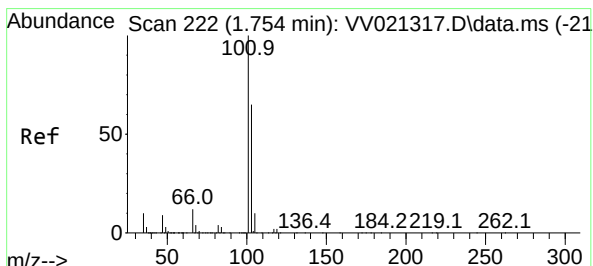
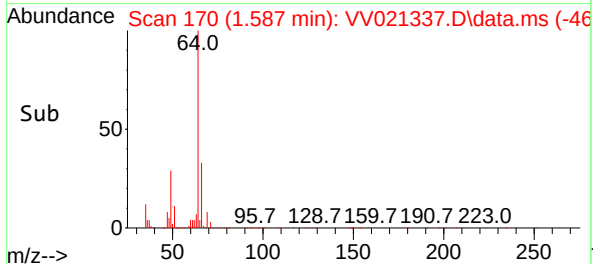
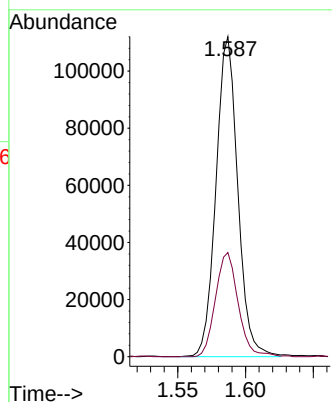
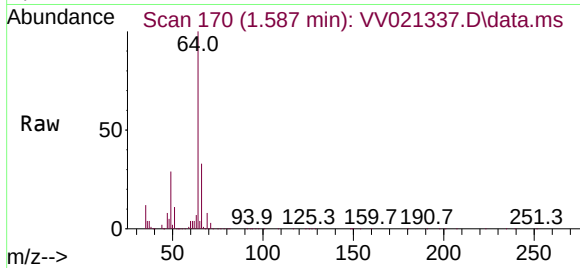




#8
Chloroethane
Concen: 46.82 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

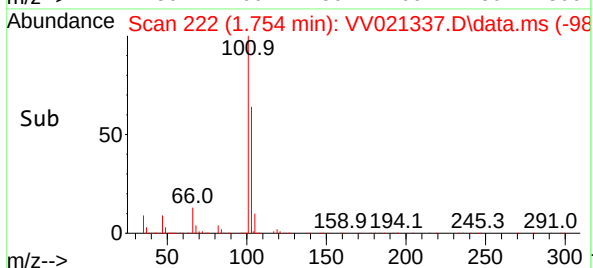
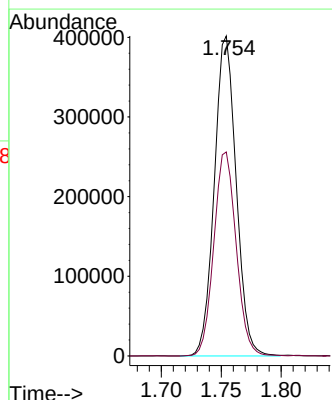
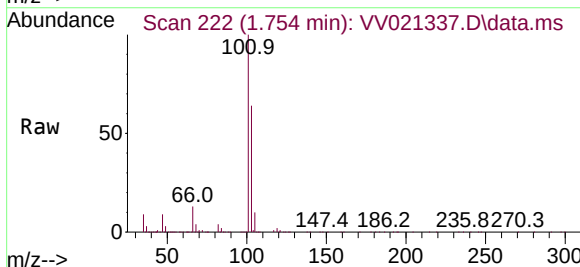
Instrument :
MSVOA_V
ClientSampled :

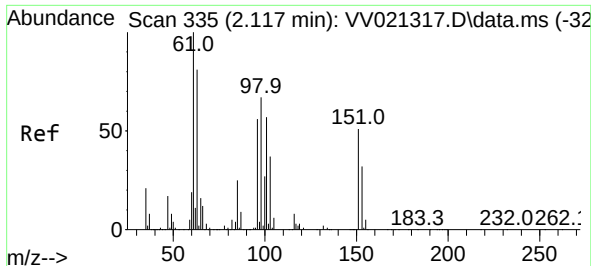
Tgt Ion: 64 Resp: 125051
Ion Ratio Lower Upper
64 100
66 32.5 23.7 43.9



#9
Trichlorofluoromethane
Concen: 46.90 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion: 101 Resp: 508572
Ion Ratio Lower Upper
101 100
103 65.1 53.0 79.6





#10

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

Concen: 47.63 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV021337.D

Acq: 07 May 2021 19:44

Tgt Ion: 101 Resp: 228061

Ion Ratio Lower Upper

101 100

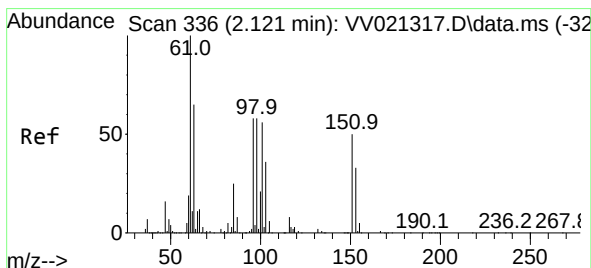
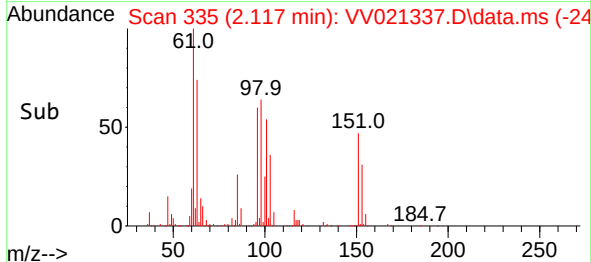
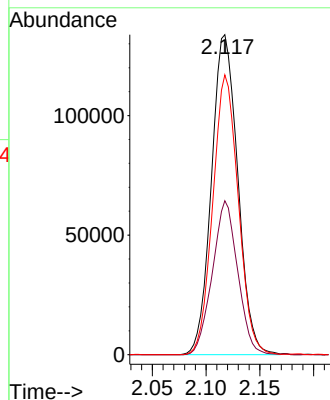
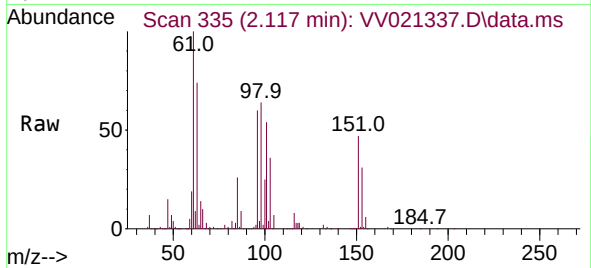
85 46.2 35.4 53.2

151 84.6 63.9 95.9

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 49.57 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV021337.D

Acq: 07 May 2021 19:44

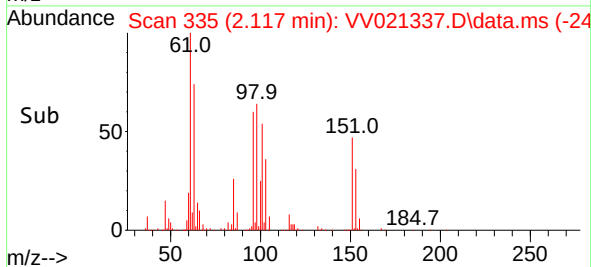
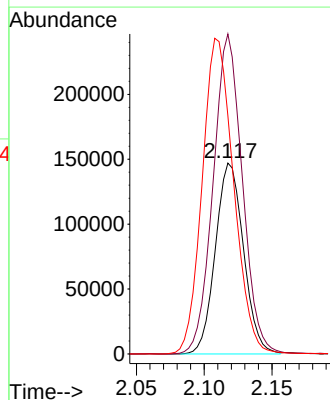
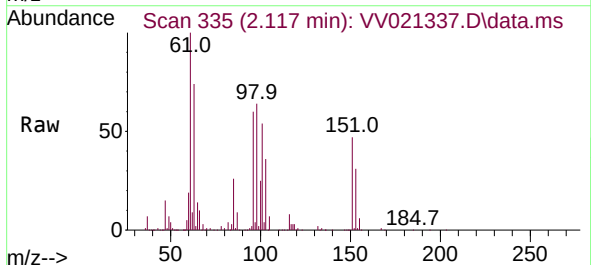
Tgt Ion: 96 Resp: 212134

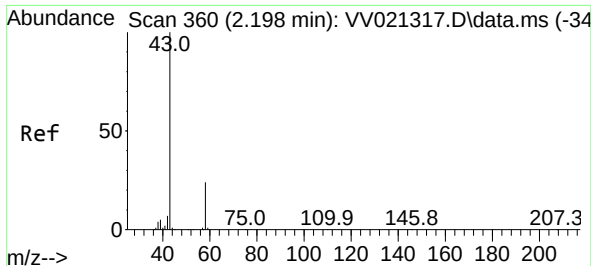
Ion Ratio Lower Upper

96 100

61 167.7 121.4 225.6

63 124.9 98.1 182.1

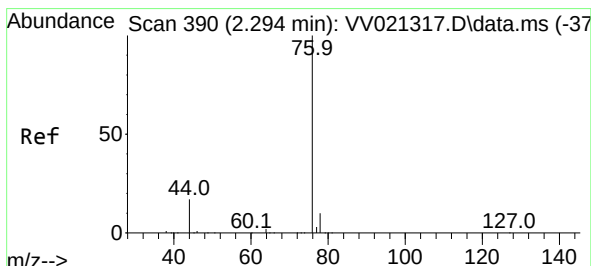
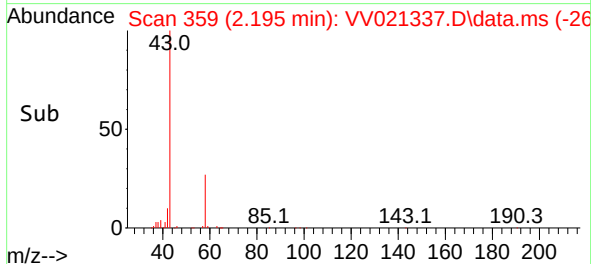
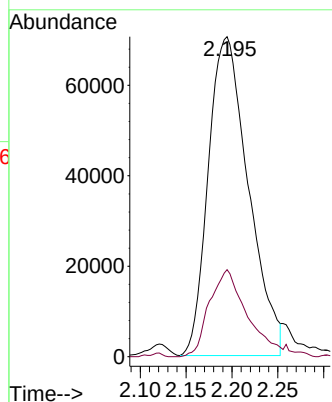
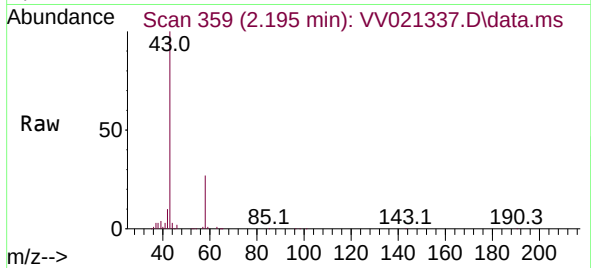




#13
Acetone
Concen: 74.66 ug/L
RT: 2.195 min Scan# 359
Delta R.T. -0.003 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

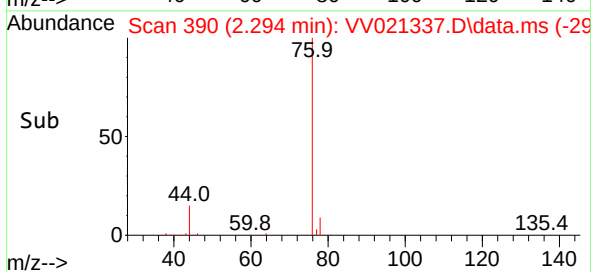
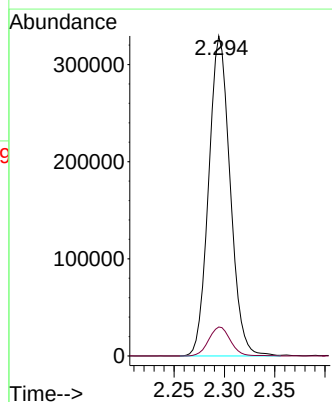
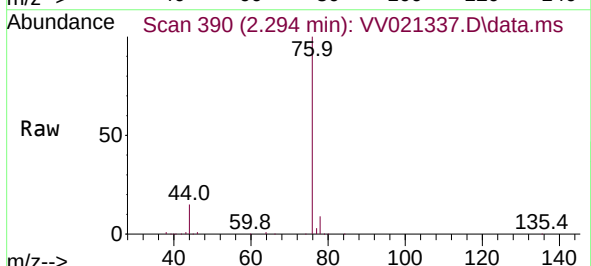
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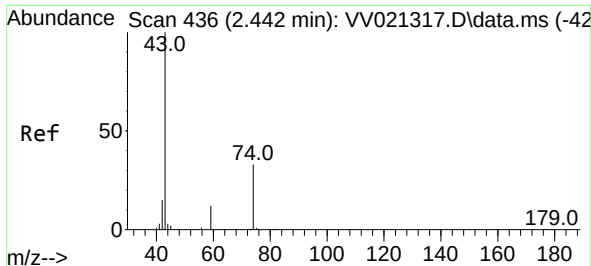
Tgt Ion: 43 Resp: 214667
Ion Ratio Lower Upper
43 100
58 25.6 0.0 30.8



#14
Carbon disulfide
Concen: 45.51 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion: 76 Resp: 488570
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

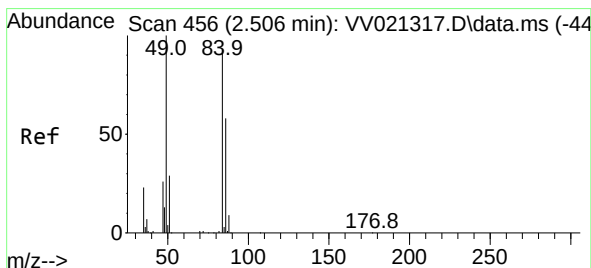
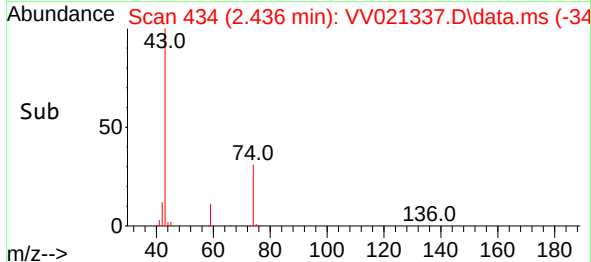
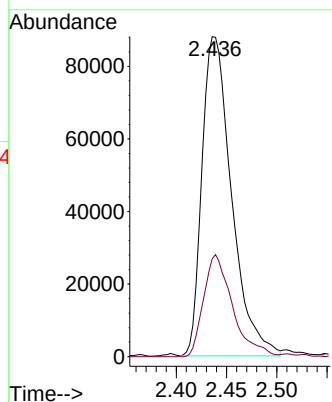
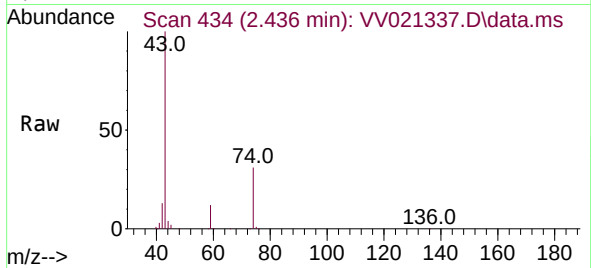




#15
Methyl Acetate
Concen: 51.90 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.006 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

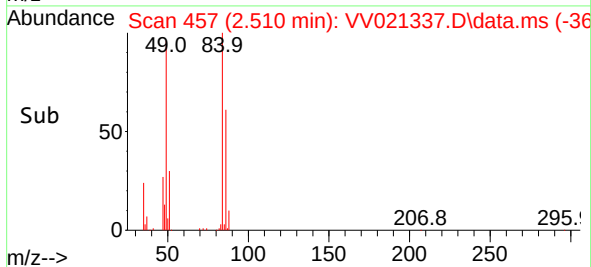
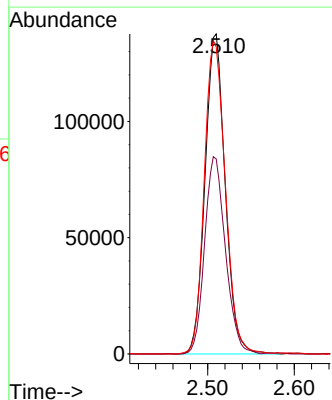
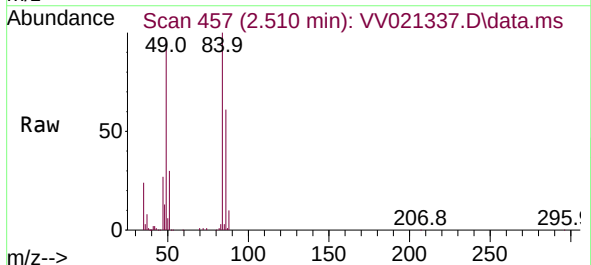
Instrument :
MSVOA_V
ClientSampleId :

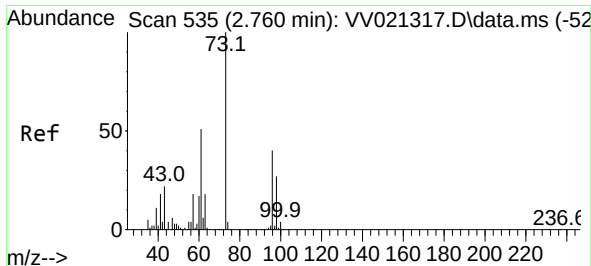
Tgt Ion: 43 Resp: 180249
Ion Ratio Lower Upper
43 100
74 31.2 21.2 31.8



#16
Methylene chloride
Concen: 50.83 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion: 84 Resp: 222809
Ion Ratio Lower Upper
84 100
86 61.0 44.9 83.5
49 96.0 78.1 145.1

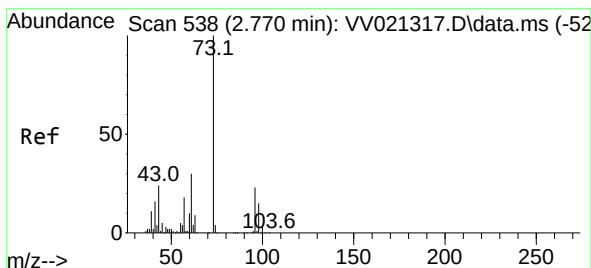
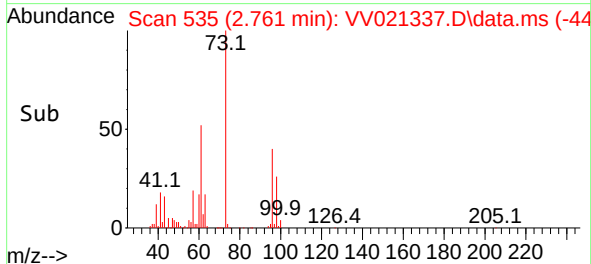
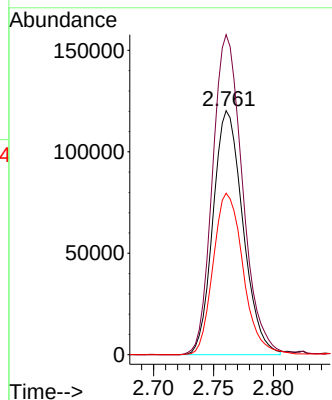
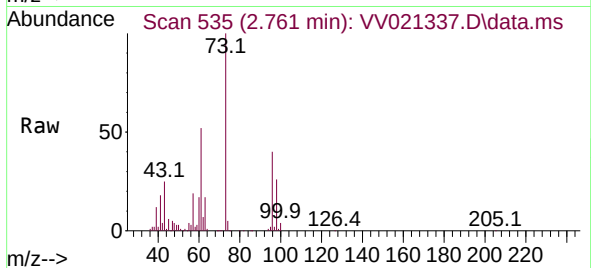




#17
trans-1,2-Dichloroethene
Concen: 48.67 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

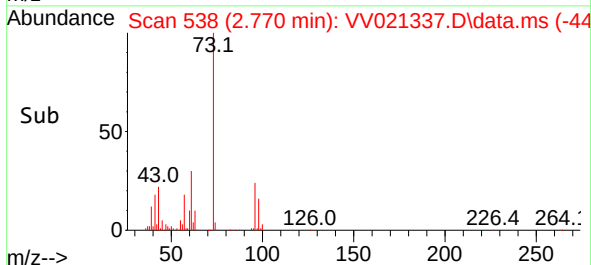
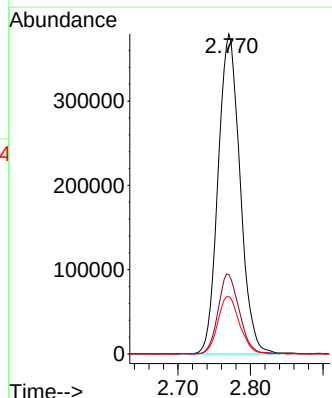
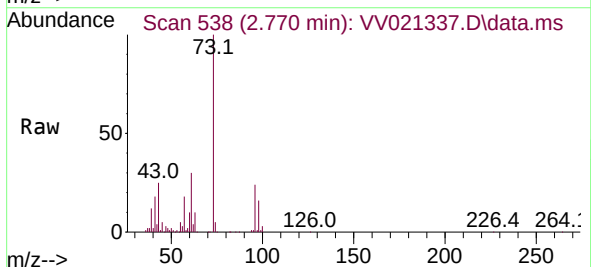
Instrument :
MSVOA_V
ClientSampleId :

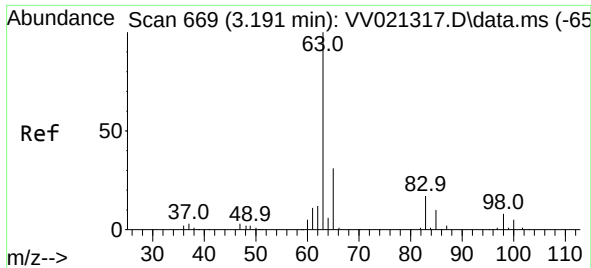
Tgt Ion: 96 Resp: 208560
Ion Ratio Lower Upper
96 100
61 131.1 89.3 165.9
98 66.2 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 51.90 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion: 73 Resp: 797405
Ion Ratio Lower Upper
73 100
43 24.0 14.7 22.1#
57 17.8 15.9 23.9





#19

1,1-Dichloroethane

Concen: 49.37 ug/L

RT: 3.191 min Scan# 669

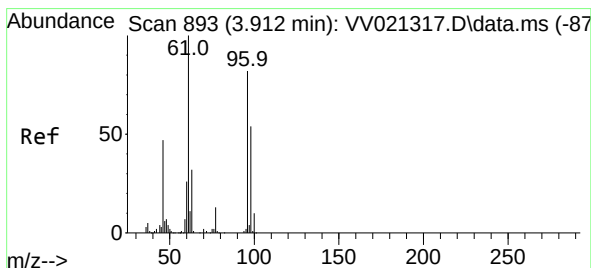
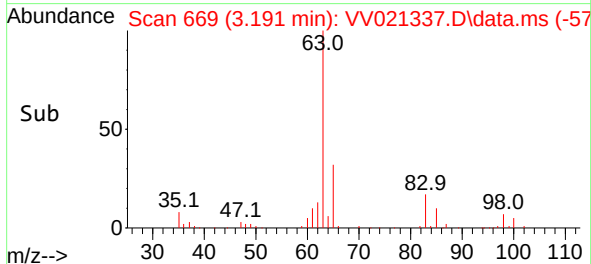
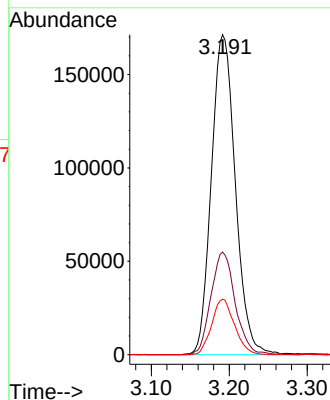
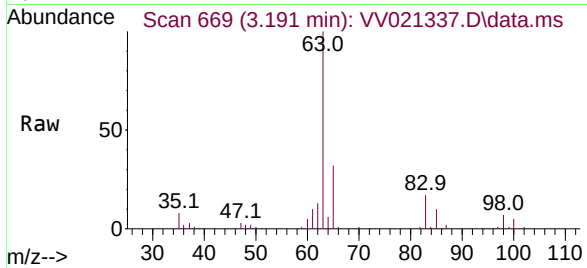
Delta R.T. 0.000 min

Lab File: VV021337.D

Acq: 07 May 2021 19:44

Tgt Ion: 63 Resp: 366482

Ion	Ratio	Lower	Upper
63	100		
65	32.0	21.9	40.7
83	17.4	10.6	19.6



#20

cis-1,2-Dichloroethene

Concen: 49.56 ug/L

RT: 3.915 min Scan# 894

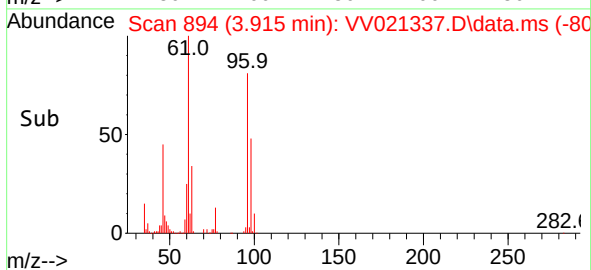
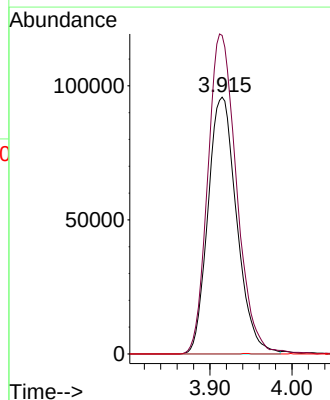
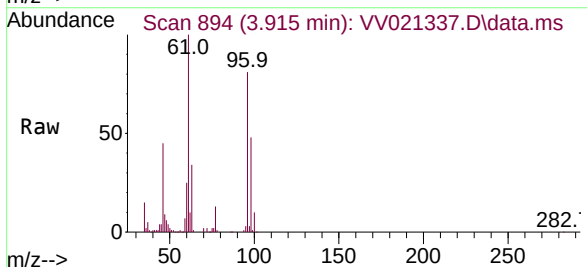
Delta R.T. 0.003 min

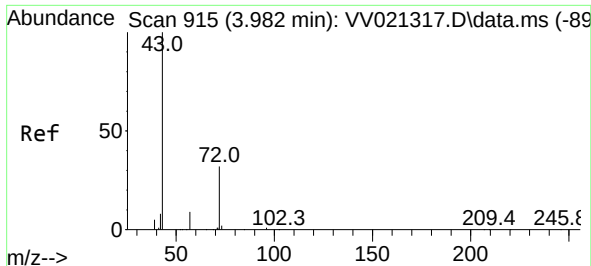
Lab File: VV021337.D

Acq: 07 May 2021 19:44

Tgt Ion: 96 Resp: 233490

Ion	Ratio	Lower	Upper
96	100		
61	124.0	84.4	156.7
68	0.0	0.0	0.0

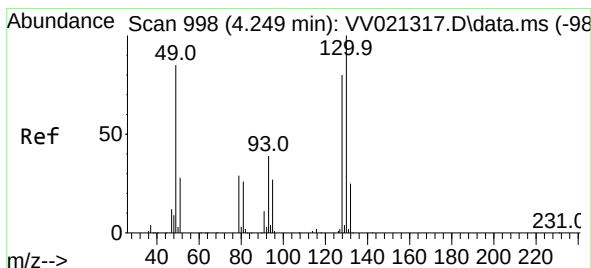
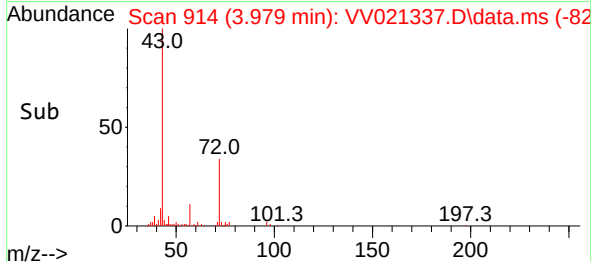
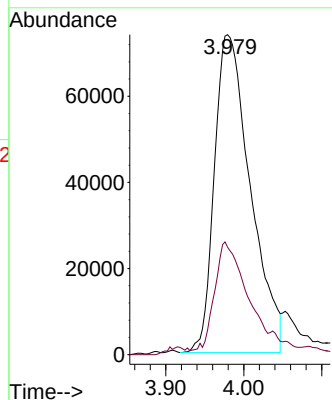
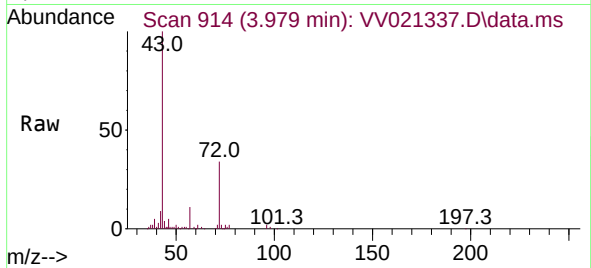




#22
2-Butanone
Concen: 86.23 ug/L
RT: 3.979 min Scan# 914
Delta R.T. -0.003 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

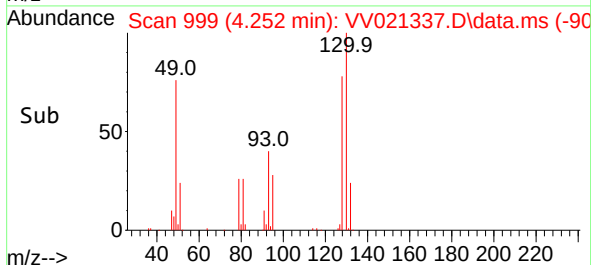
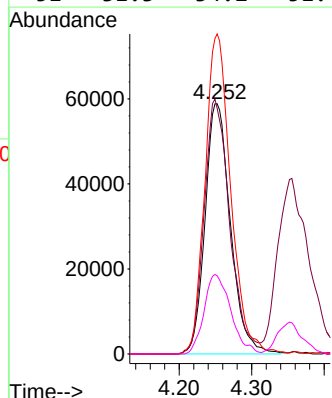
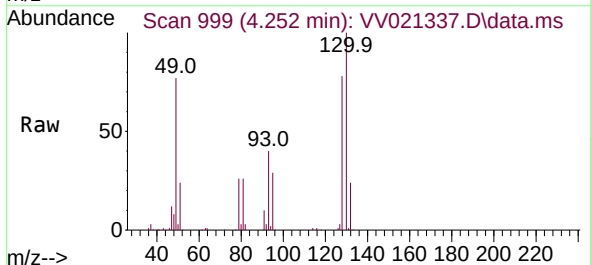
Instrument :
MSVOA_V
ClientSampled :

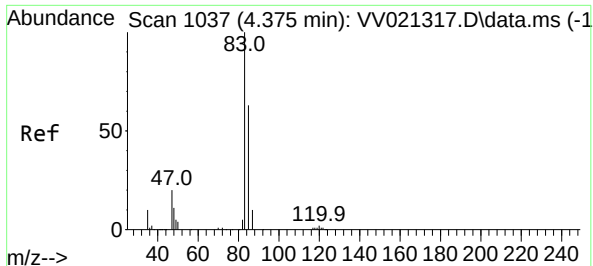
Tgt Ion: 43 Resp: 236644
Ion Ratio Lower Upper
43 100
72 28.0 13.2 39.6



#23
Bromochloromethane
Concen: 53.04 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion:128 Resp: 143153
Ion Ratio Lower Upper
128 100
49 98.1 91.3 169.6
130 127.9 86.8 161.2
51 31.3 34.2 51.4#





#25

Chloroform

Concen: 50.02 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV021337.D

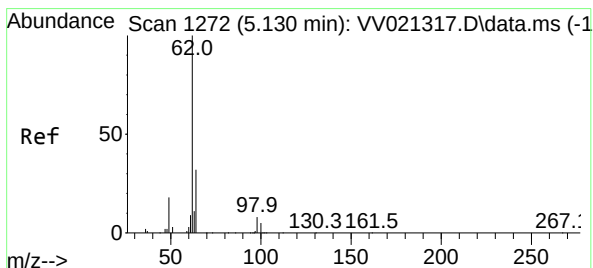
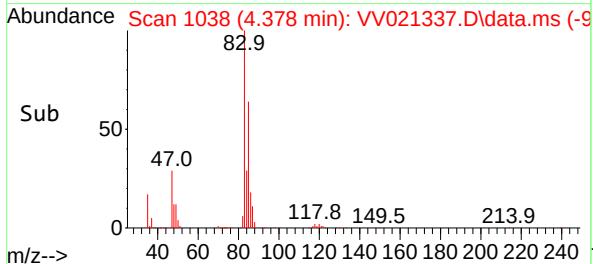
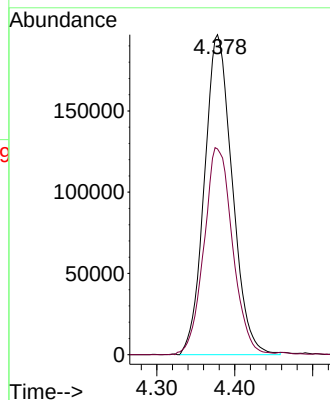
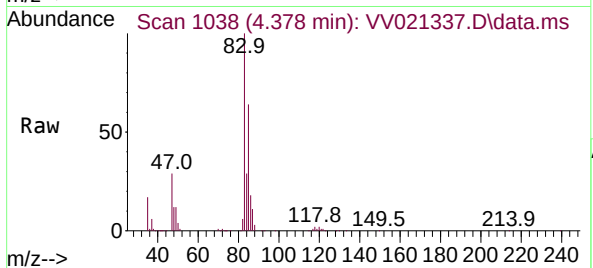
Acq: 07 May 2021 19:44

Tgt Ion: 83 Resp: 488907

Ion Ratio Lower Upper

83 100

85 64.3 45.6 84.6



#27

1,2-Dichloroethane

Concen: 50.51 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV021337.D

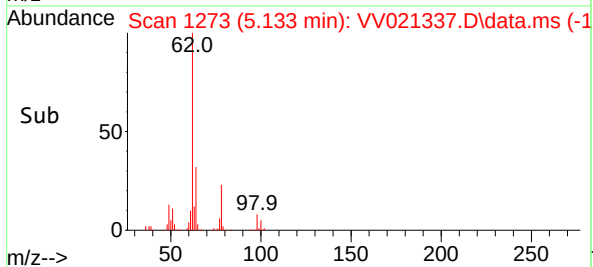
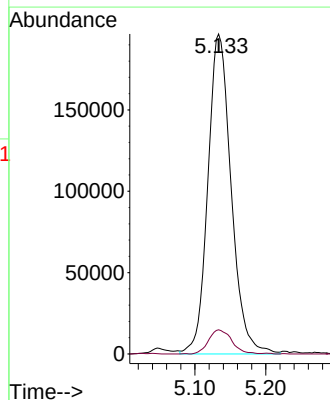
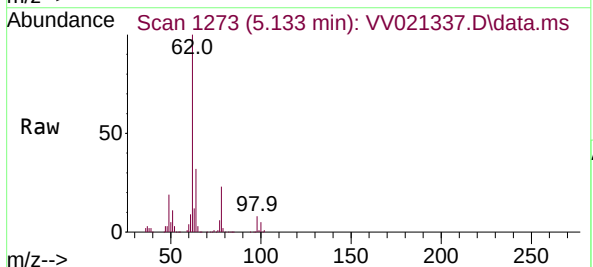
Acq: 07 May 2021 19:44

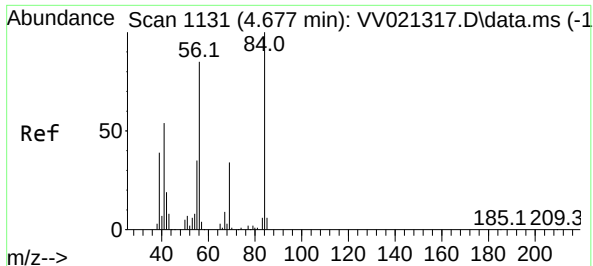
Tgt Ion: 62 Resp: 450010

Ion Ratio Lower Upper

62 100

98 7.5 6.7 10.1





#29

Cyclohexane

Concen: 47.07 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.007 min

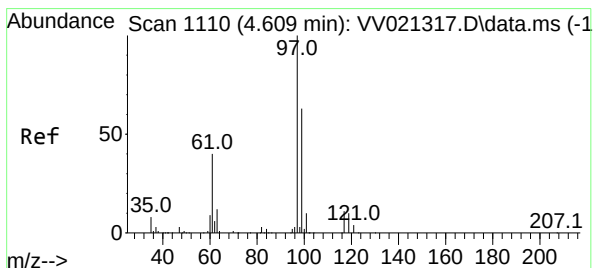
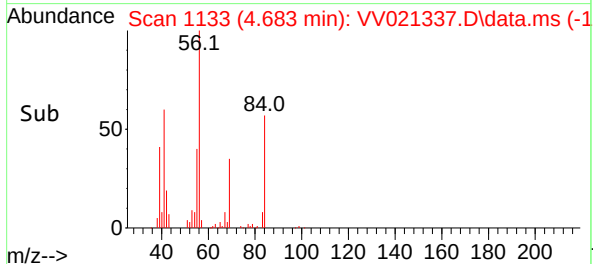
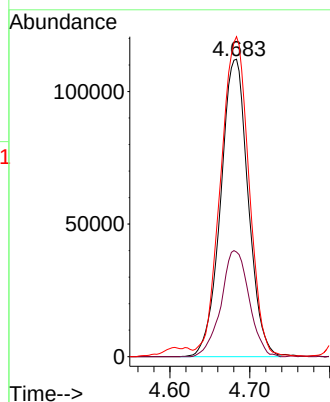
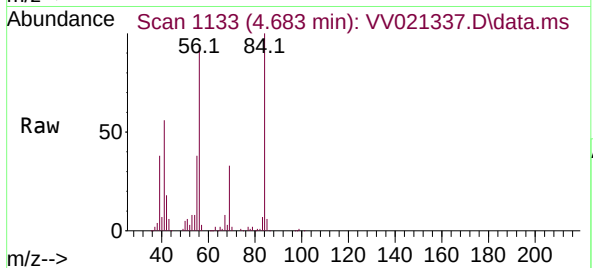
Lab File: VV021337.D

Acq: 07 May 2021 19:44

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 56 Resp: 267734

Ion	Ratio	Lower	Upper
56	100		
69	36.3	25.7	38.5
84	109.4	75.7	113.5



#30

1,1,1-Trichloroethane

Concen: 49.79 ug/L

RT: 4.609 min Scan# 1110

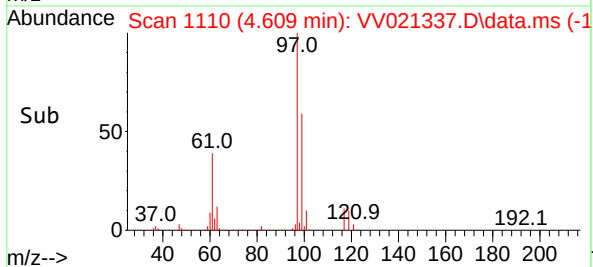
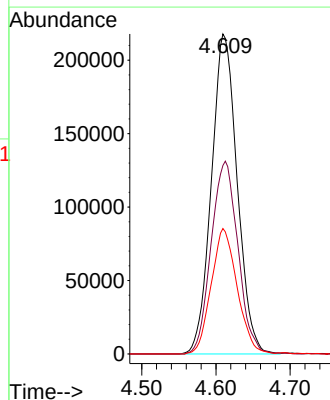
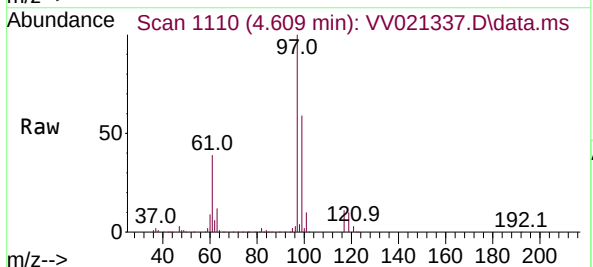
Delta R.T. 0.000 min

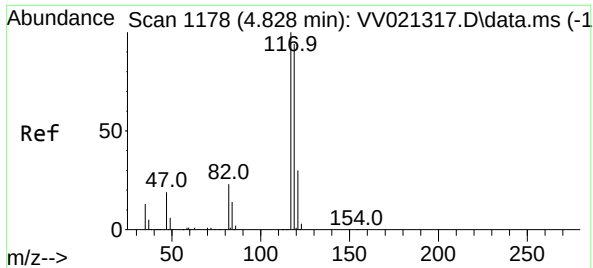
Lab File: VV021337.D

Acq: 07 May 2021 19:44

Tgt Ion: 97 Resp: 526437

Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.6	77.4
61	39.4	32.1	48.1

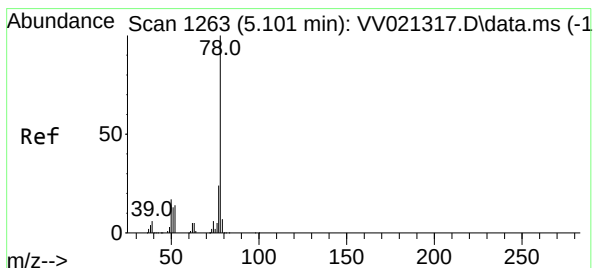
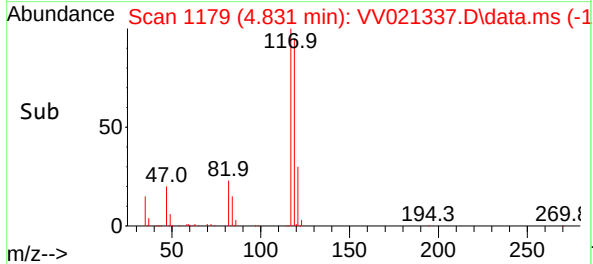
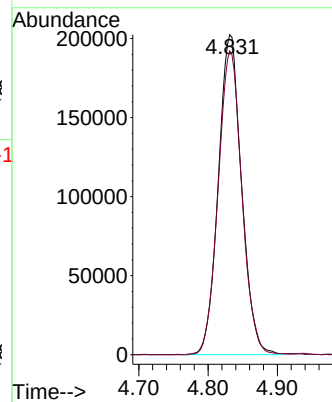
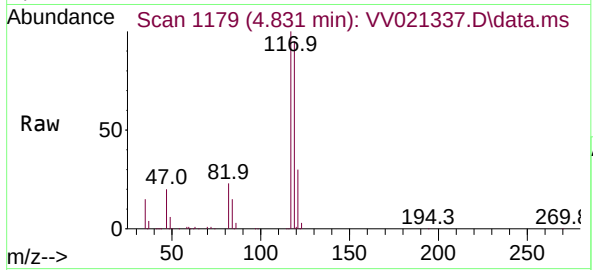




#31
Carbon tetrachloride
Concen: 47.99 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

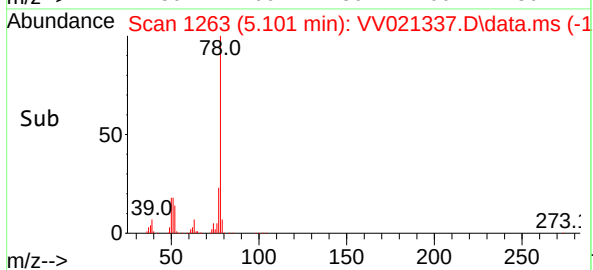
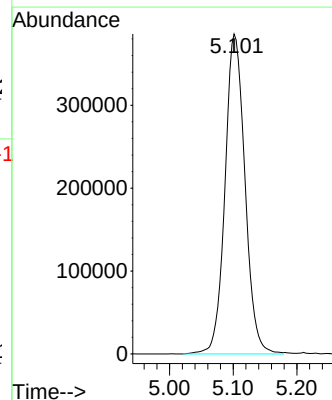
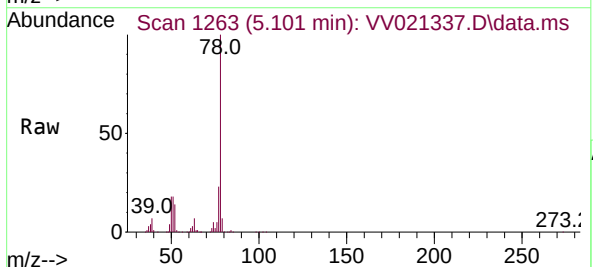
Instrument :
MSVOA_V
ClientSampleId :

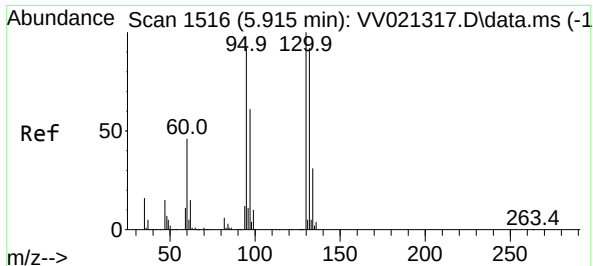
Tgt Ion:117 Resp: 471748
Ion Ratio Lower Upper
117 100
119 96.7 75.4 113.2



#33
Benzene
Concen: 48.64 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion: 78 Resp: 842068





#34

Trichloroethene

Concen: 47.76 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV021337.D

Acq: 07 May 2021 19:44

Tgt Ion: 95 Resp: 266019

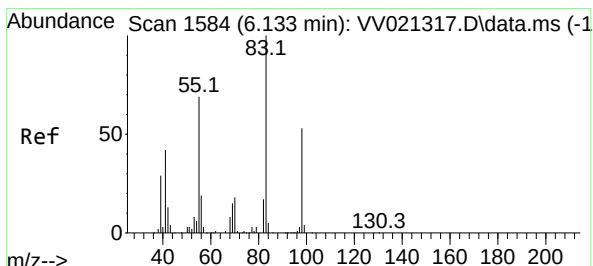
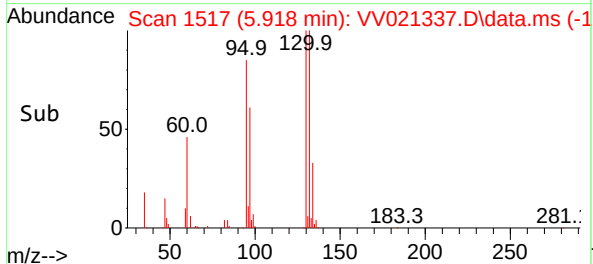
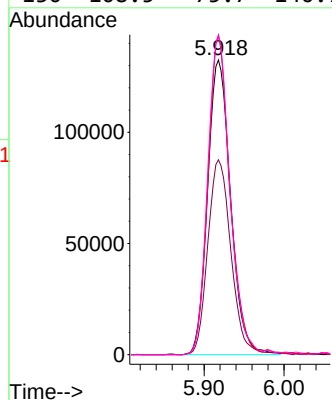
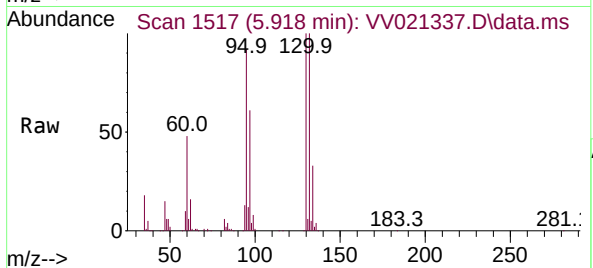
Ion Ratio Lower Upper

95 100

97 66.1 45.5 84.5

132 108.1 71.0 131.8

130 108.5 75.7 140.7



#35

Methylcyclohexane

Concen: 46.90 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.000 min

Lab File: VV021337.D

Acq: 07 May 2021 19:44

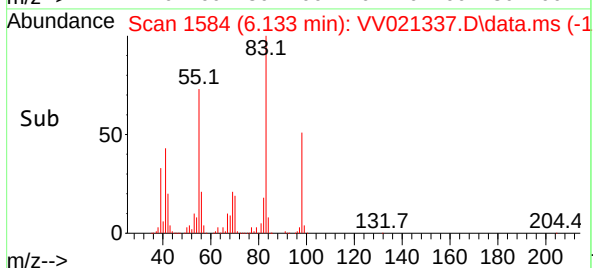
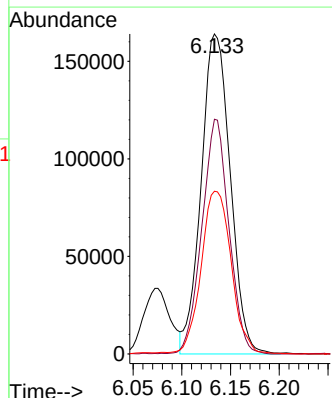
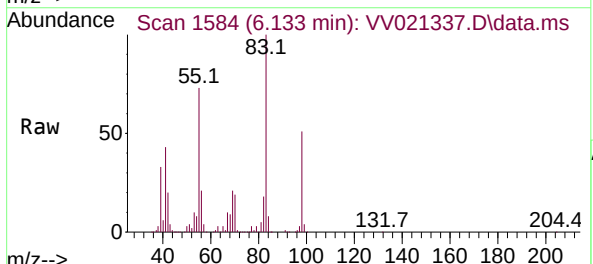
Tgt Ion: 83 Resp: 341286

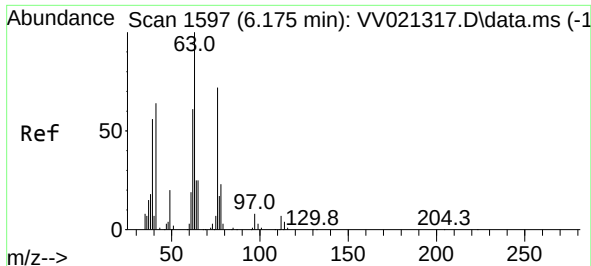
Ion Ratio Lower Upper

83 100

55 68.0 58.2 87.2

98 52.1 40.6 60.8

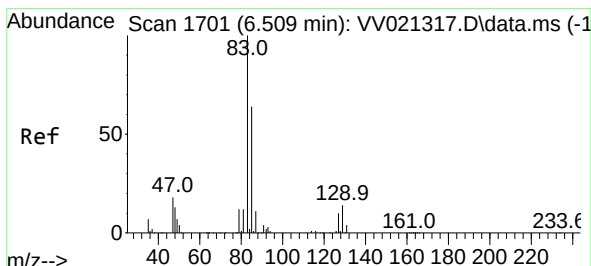
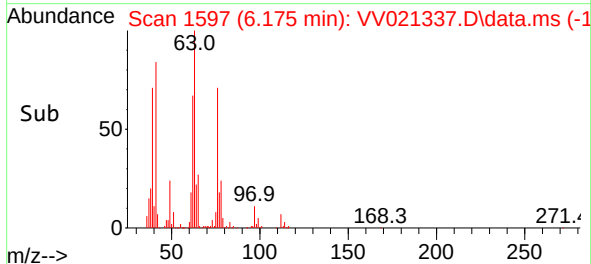
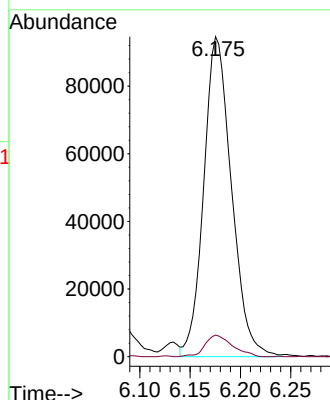
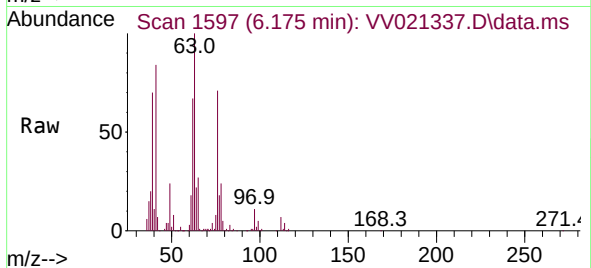




#37
1,2-Dichloropropane
Concen: 49.71 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

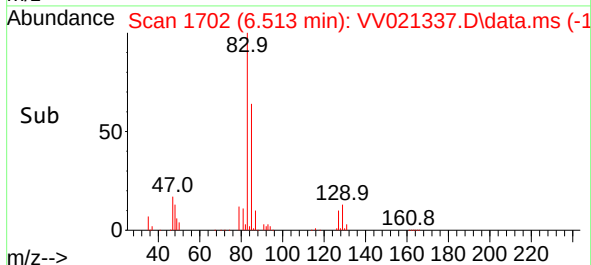
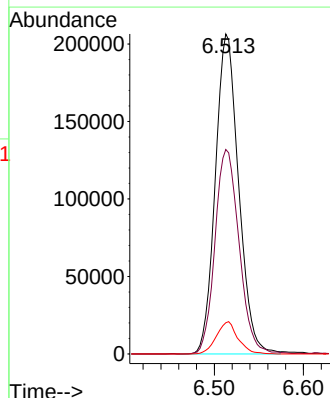
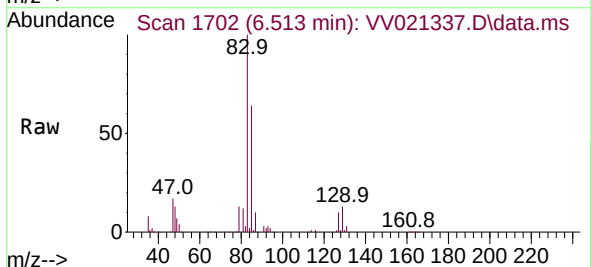
Instrument :
MSVOA_V
ClientSampled :

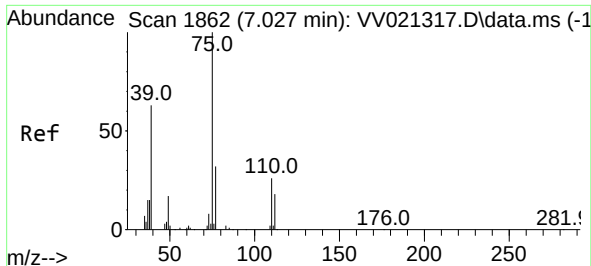
Tgt Ion: 63 Resp: 181719
Ion Ratio Lower Upper
63 100
112 6.5 3.9 5.9#



#38
Bromodichloromethane
Concen: 48.40 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion: 83 Resp: 375380
Ion Ratio Lower Upper
83 100
85 63.9 46.2 85.8
127 9.7 7.4 11.0

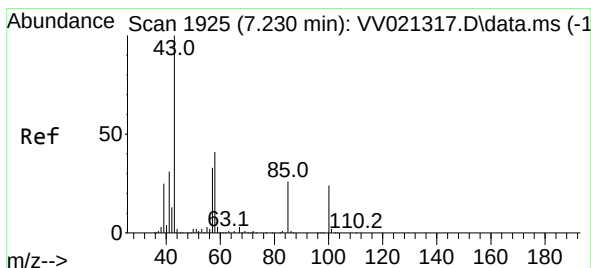
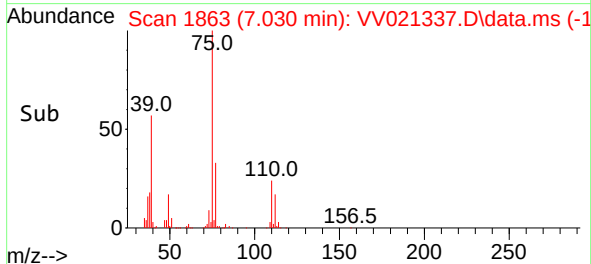
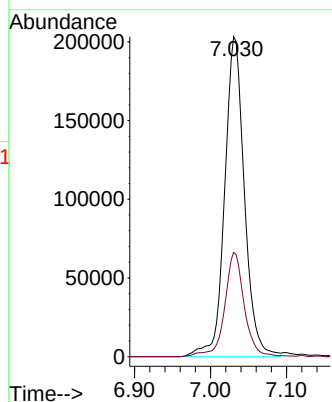
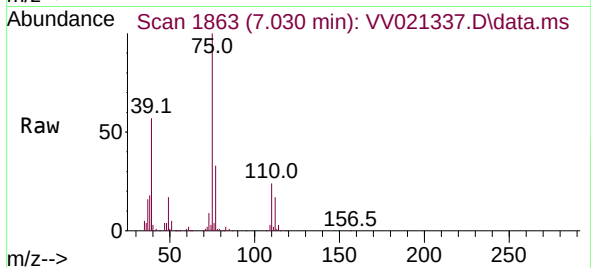




#39
cis-1,3-Dichloropropene
Concen: 51.42 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

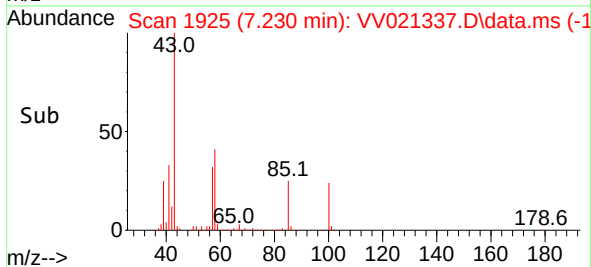
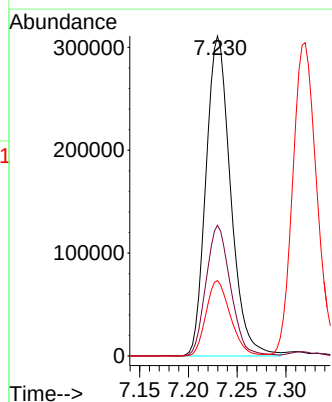
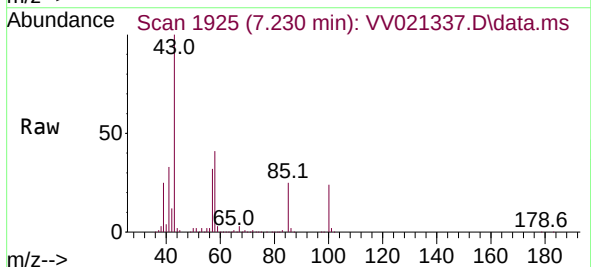
Instrument :
MSVOA_V
ClientSampled :

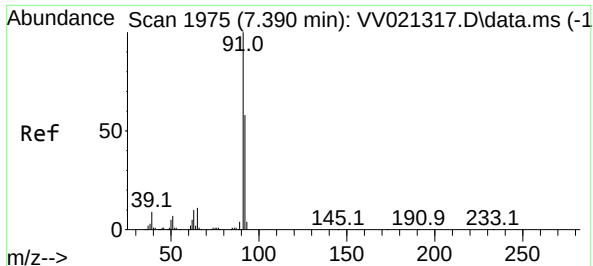
Tgt Ion: 75 Resp: 366783
Ion Ratio Lower Upper
75 100
77 32.6 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 105.78 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion: 43 Resp: 547837
Ion Ratio Lower Upper
43 100
58 40.7 34.5 51.7
100 23.2 15.2 22.8#





#42

Toluene

Concen: 50.16 ug/L

RT: 7.391 min Scan# 1975

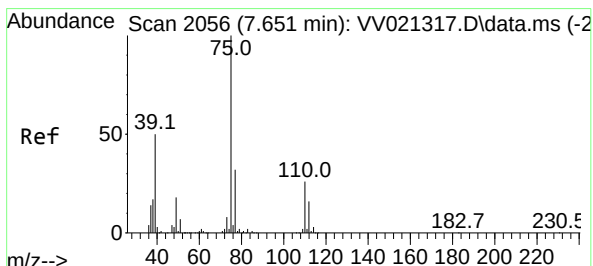
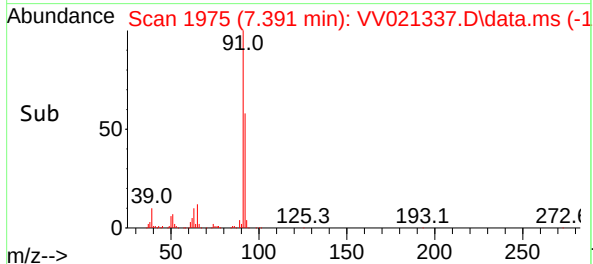
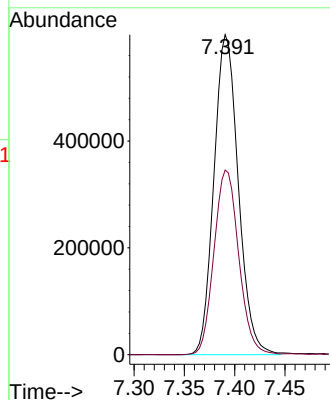
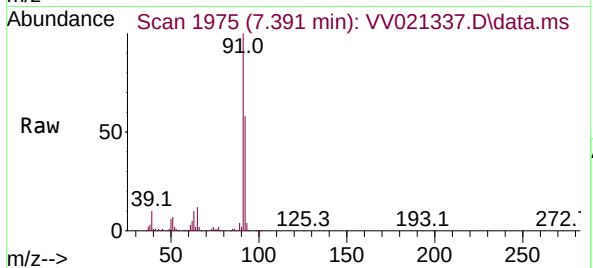
Delta R.T. 0.000 min

Lab File: VV021337.D

Acq: 07 May 2021 19:44

Tgt Ion: 91 Resp: 1011948

Ion	Ratio	Lower	Upper
91	100		
92	57.7	41.0	76.2



#44

trans-1,3-Dichloropropene

Concen: 50.40 ug/L

RT: 7.654 min Scan# 2057

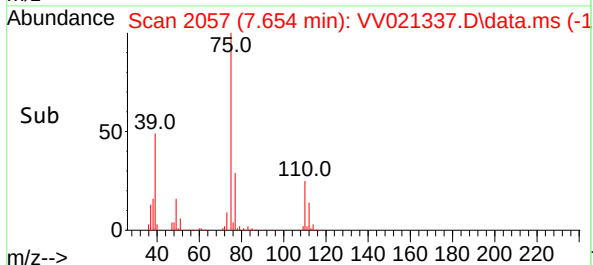
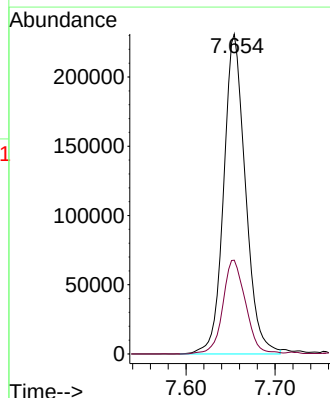
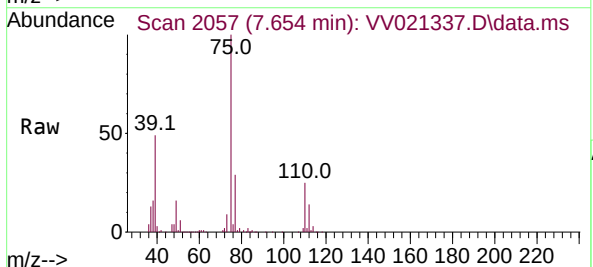
Delta R.T. 0.003 min

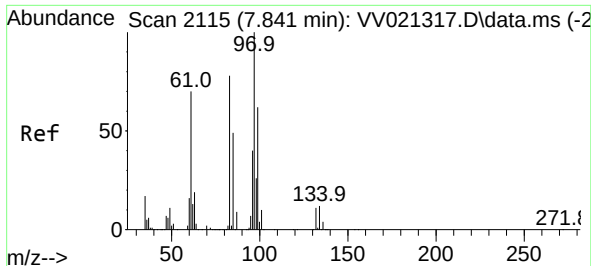
Lab File: VV021337.D

Acq: 07 May 2021 19:44

Tgt Ion: 75 Resp: 392106

Ion	Ratio	Lower	Upper
75	100		
77	29.3	21.8	40.6





#45

1,1,2-Trichloroethane

Concen: 50.36 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VV021337.D

Acq: 07 May 2021 19:44

Tgt Ion: 97 Resp: 236235

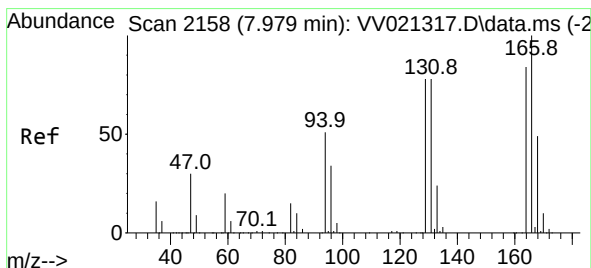
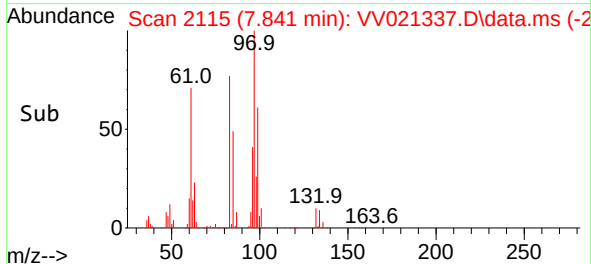
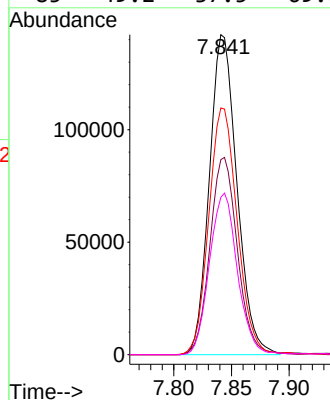
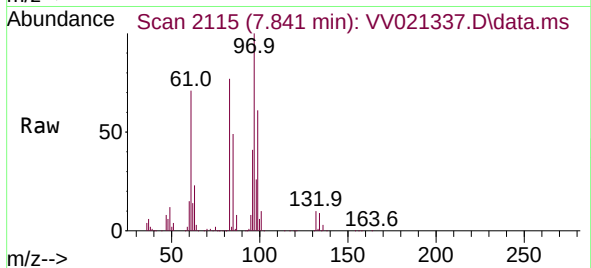
Ion Ratio Lower Upper

97 100

99 60.9 43.7 81.1

83 77.1 59.6 110.6

85 49.2 37.5 69.6



#46

Tetrachloroethene

Concen: 47.83 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.000 min

Lab File: VV021337.D

Acq: 07 May 2021 19:44

Tgt Ion:164 Resp: 228982

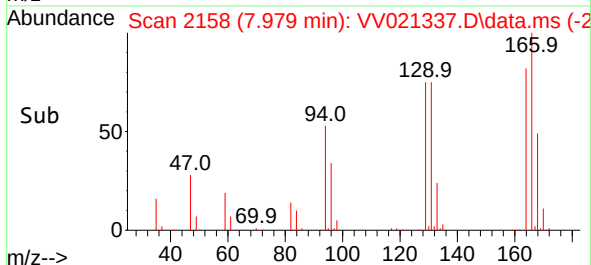
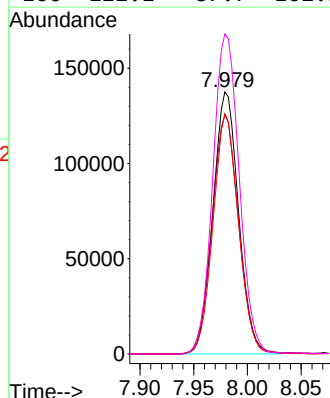
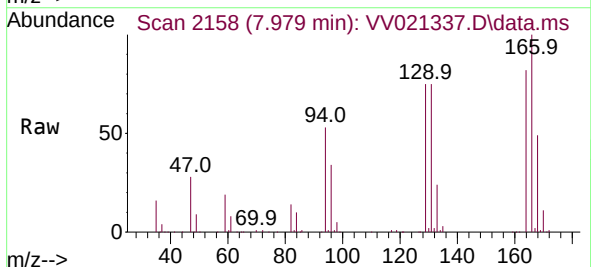
Ion Ratio Lower Upper

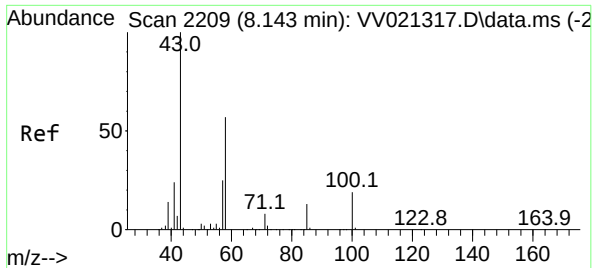
164 100

129 91.3 63.8 118.4

131 91.6 59.3 110.1

166 122.1 87.7 162.9

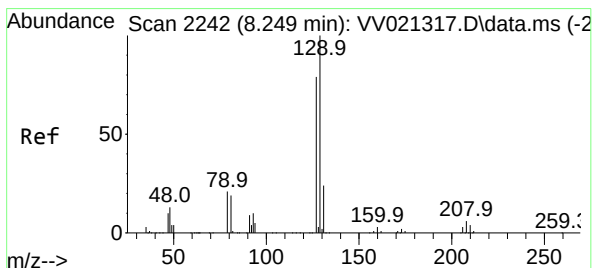
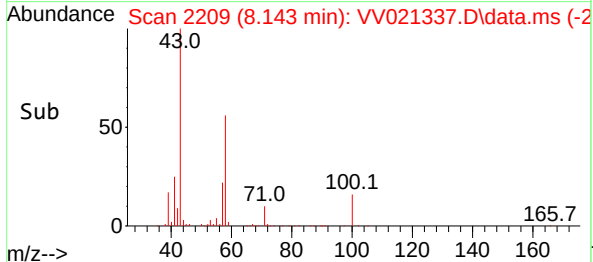
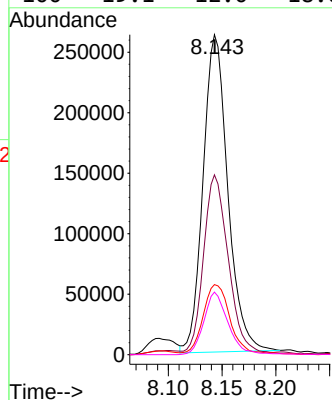
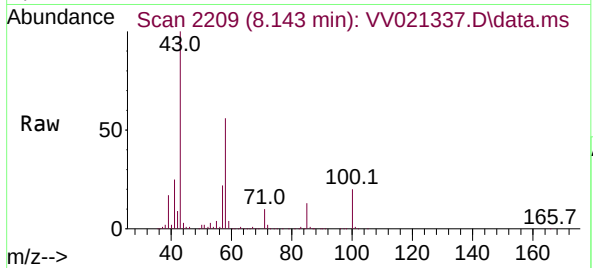




#48
2-Hexanone
Concen: 100.97 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

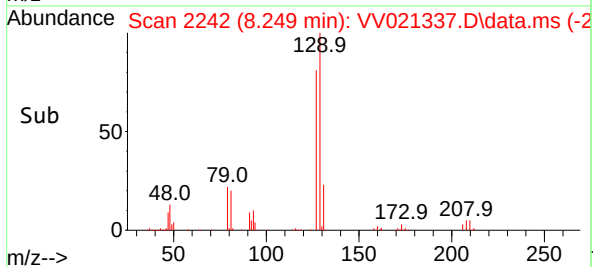
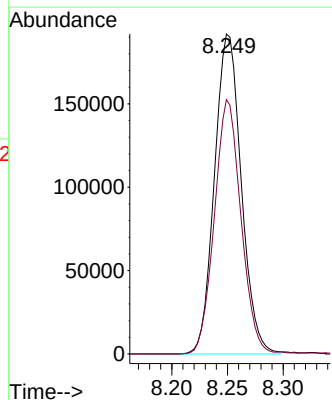
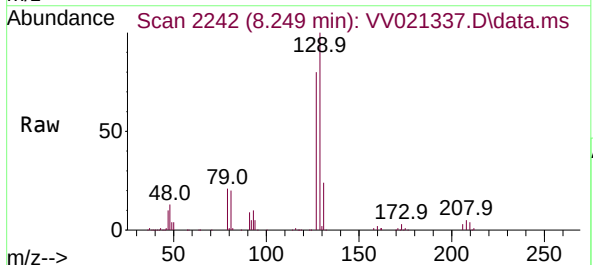
Instrument :
MSVOA_V
ClientSampled :

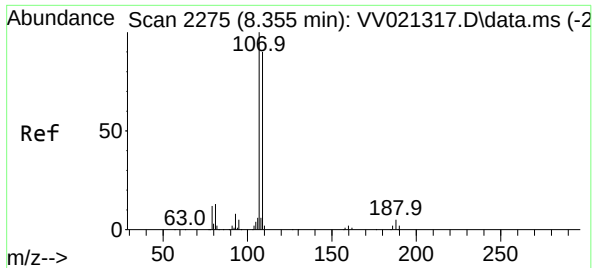
Tgt Ion: 43 Resp: 420099
Ion Ratio Lower Upper
43 100
58 55.6 46.8 70.2
57 24.5 17.6 26.4
100 19.1 12.0 18.0#



#49
Dibromochloromethane
Concen: 48.27 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion: 129 Resp: 321165
Ion Ratio Lower Upper
129 100
127 79.5 55.2 102.6

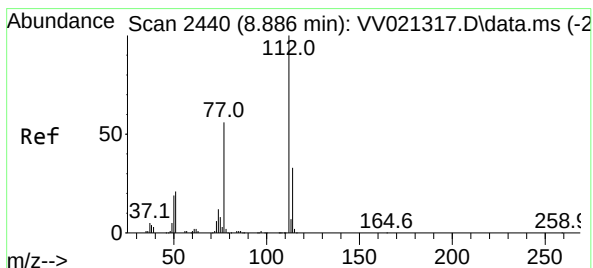
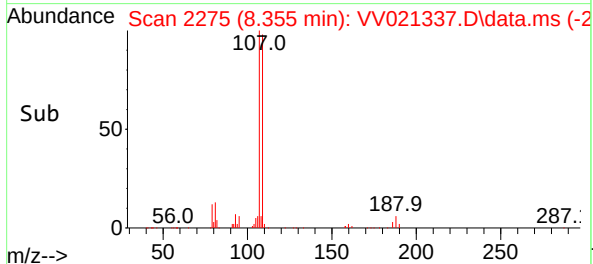
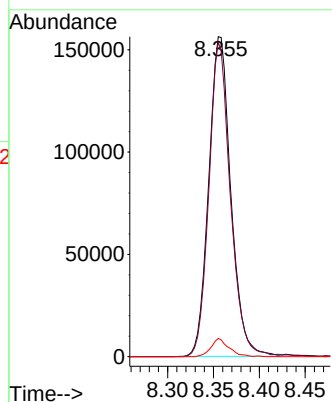
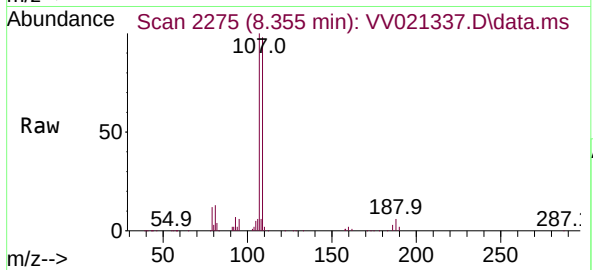




#50
1,2-Dibromoethane
Concen: 49.71 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

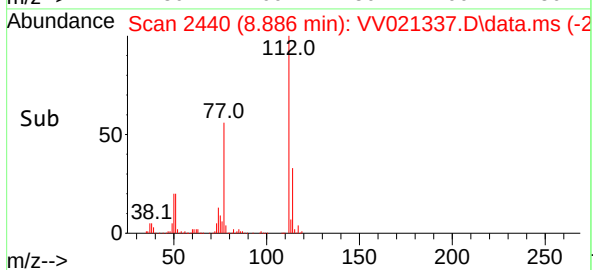
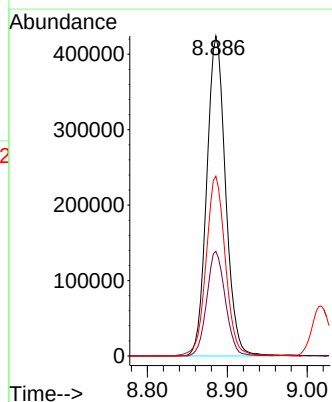
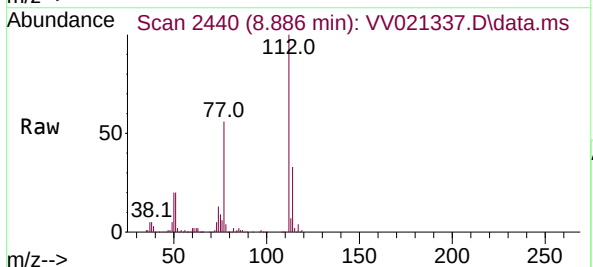
Instrument :
MSVOA_V
ClientSampleId :

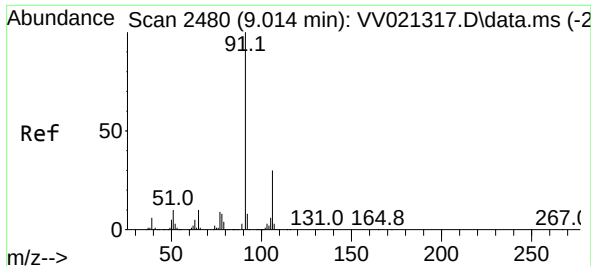
Tgt Ion:107 Resp: 262636
Ion Ratio Lower Upper
107 100
109 98.2 63.8 118.6
188 5.7 3.4 5.0#



#51
Chlorobenzene
Concen: 49.77 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion:112 Resp: 694140
Ion Ratio Lower Upper
112 100
114 32.7 22.8 42.4
77 56.2 44.2 66.2

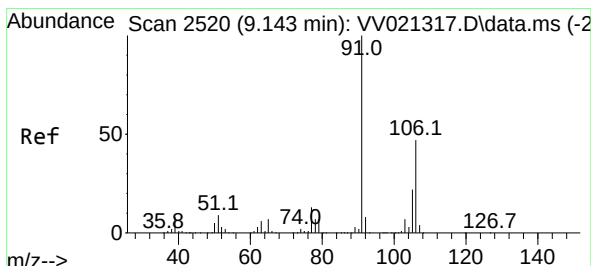
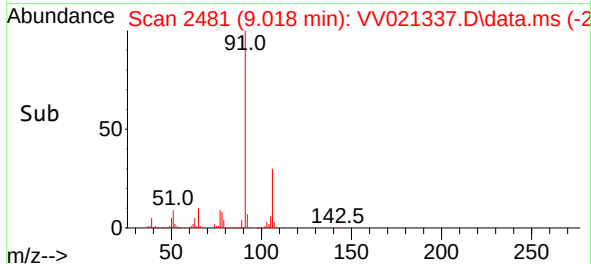
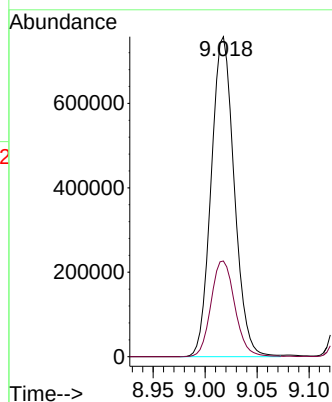
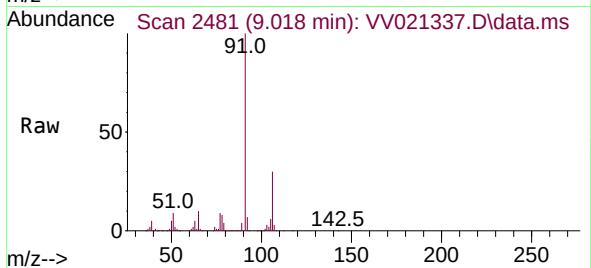




#52
Ethylbenzene
Concen: 50.11 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

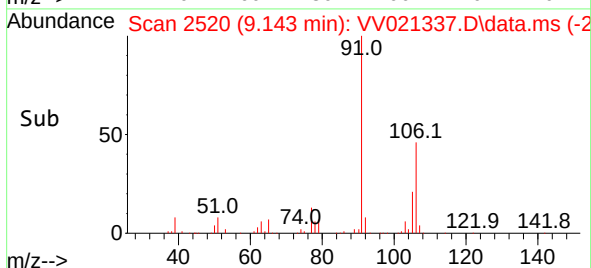
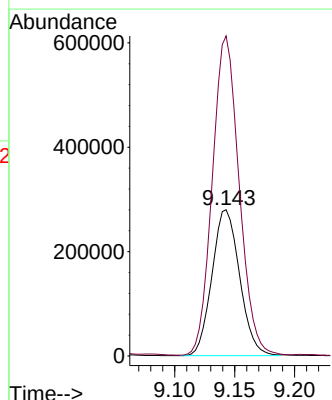
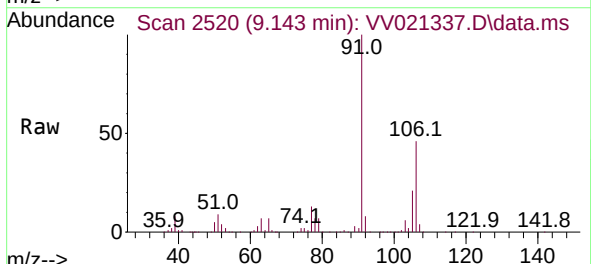
Instrument :
MSVOA_V
ClientSampled :

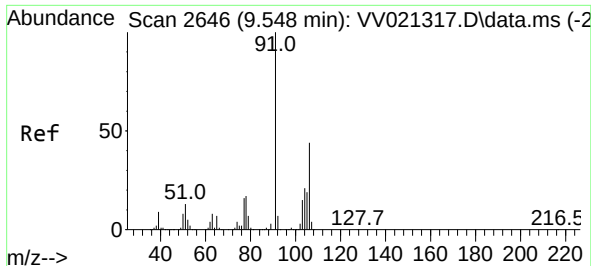
Tgt Ion: 91 Resp: 1168071
Ion Ratio Lower Upper
91 100
106 29.9 21.8 40.4



#53
m,p-Xylene
Concen: 48.99 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion: 106 Resp: 448396
Ion Ratio Lower Upper
106 100
91 218.9 144.3 267.9

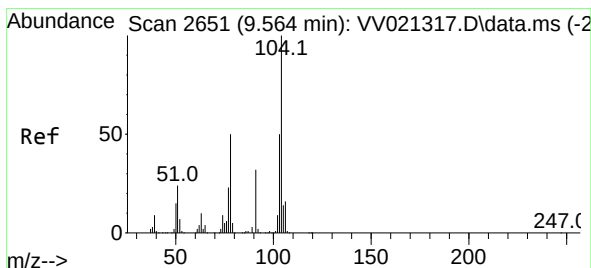
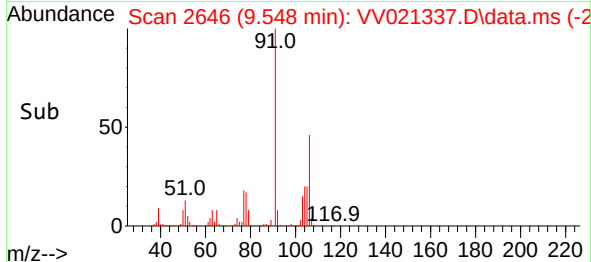
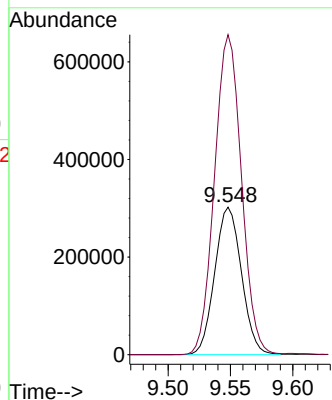
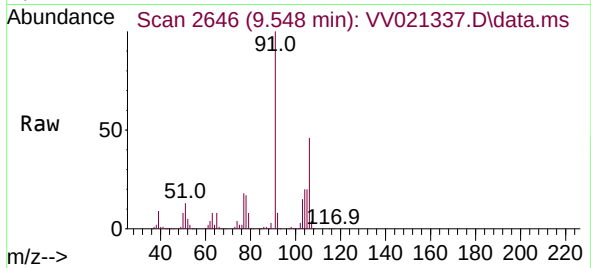




#54
o-Xylene
Concen: 51.22 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

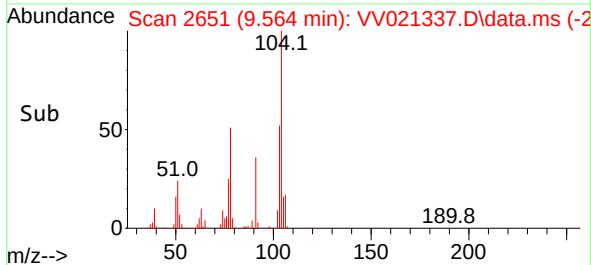
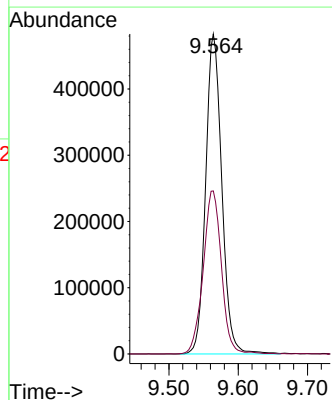
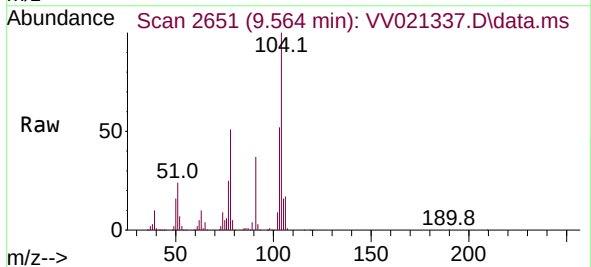
Instrument :
MSVOA_V
ClientSampled :

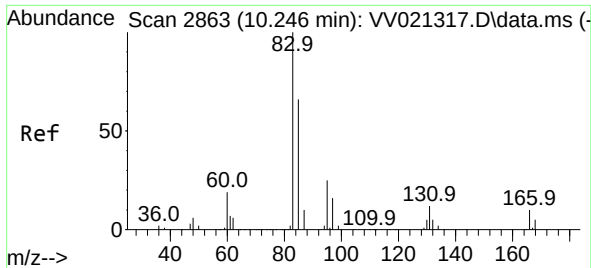
Tgt Ion:106 Resp: 451852
Ion Ratio Lower Upper
106 100
91 217.0 150.4 279.4



#55
Styrene
Concen: 51.98 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion:104 Resp: 780668
Ion Ratio Lower Upper
104 100
78 51.0 32.4 60.2

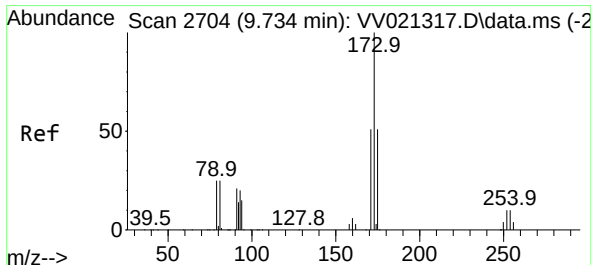
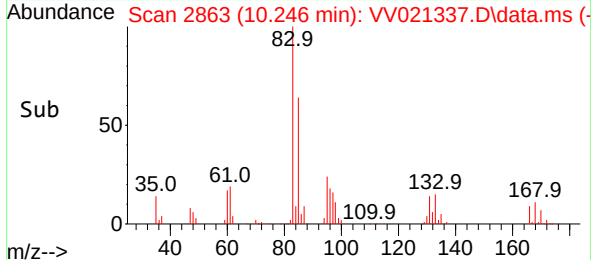
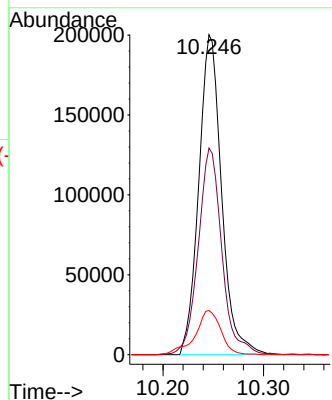
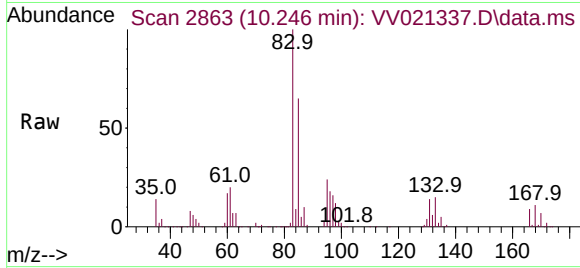




#57
1,1,2,2-Tetrachloroethane
Concen: 49.82 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

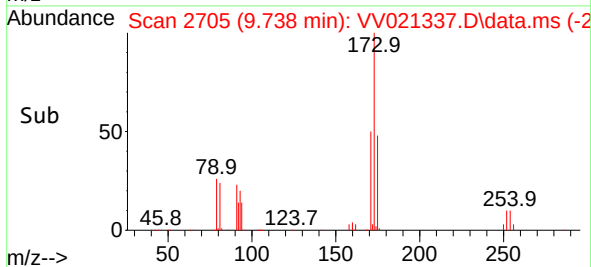
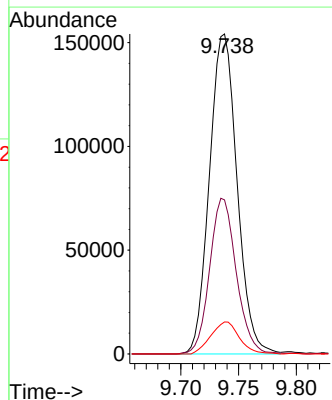
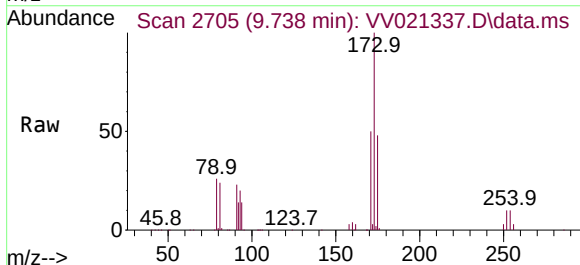
Instrument :
MSVOA_V
ClientSampleId :

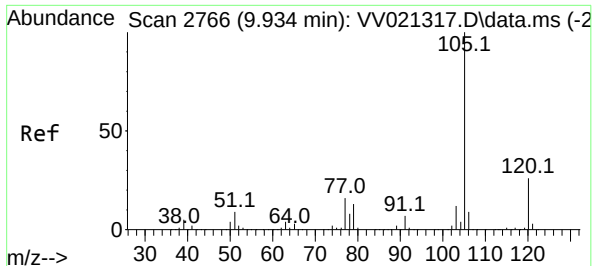
Tgt Ion: 83 Resp: 315882
Ion Ratio Lower Upper
83 100
85 64.5 45.8 85.0
131 13.8 8.8 13.2#



#59
Bromoform
Concen: 48.61 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion: 173 Resp: 256556
Ion Ratio Lower Upper
173 100
175 46.9 38.9 58.3
254 10.3 8.3 12.5

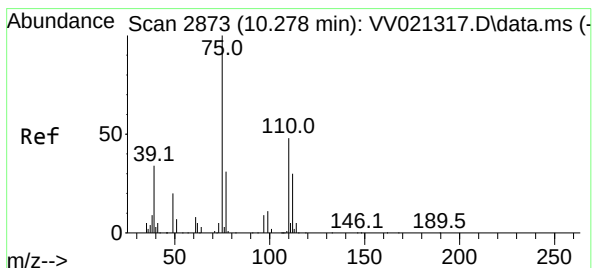
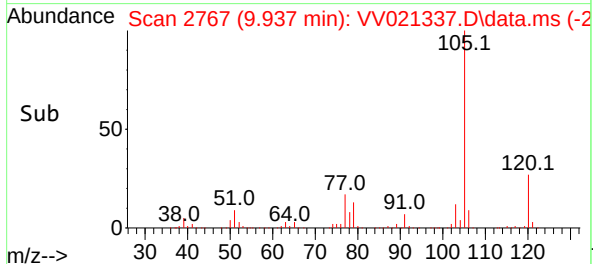
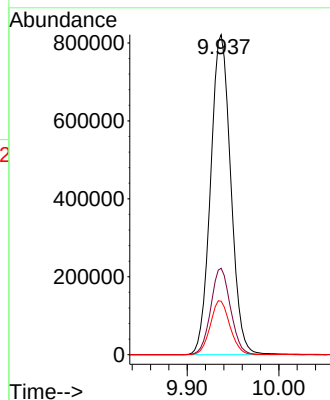
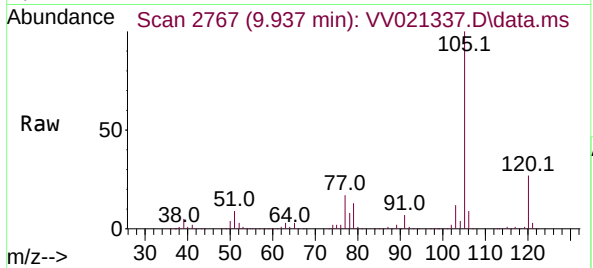




#60
Isopropylbenzene
Concen: 49.76 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

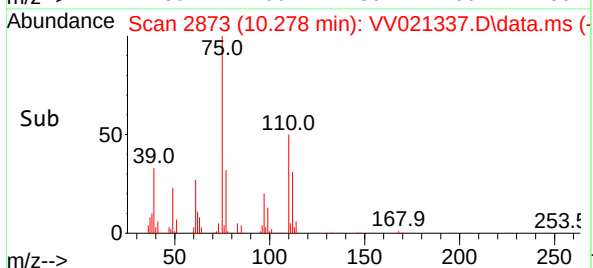
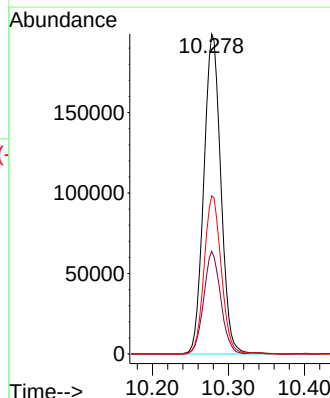
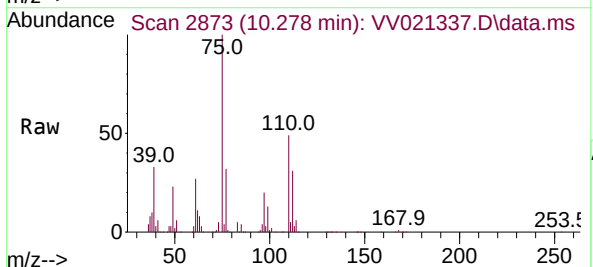
Instrument :
MSVOA_V
ClientSampleId :

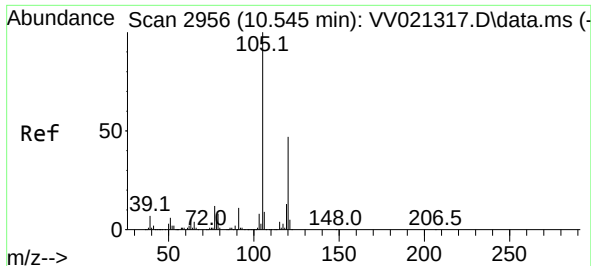
Tgt Ion:105 Resp: 1253722
Ion Ratio Lower Upper
105 100
120 26.5 21.8 32.6
77 16.5 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 47.94 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion: 75 Resp: 309084
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 49.6 34.9 52.3

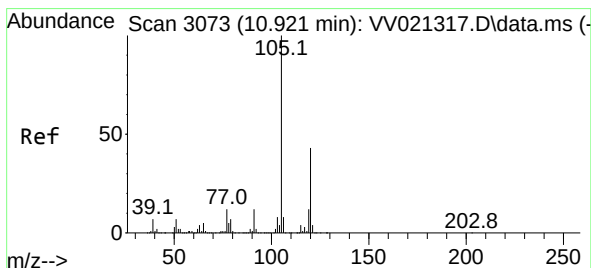
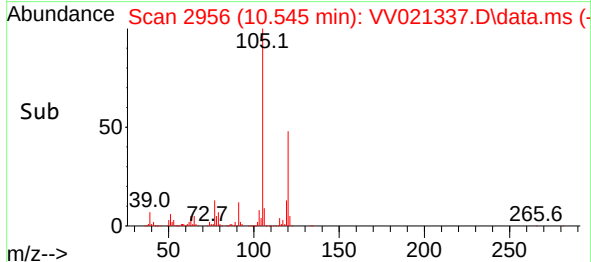
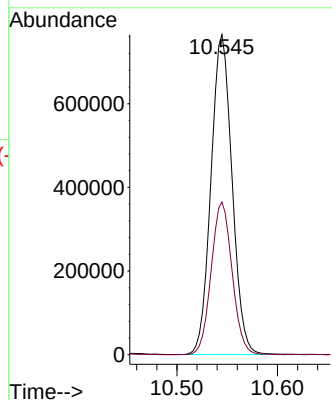
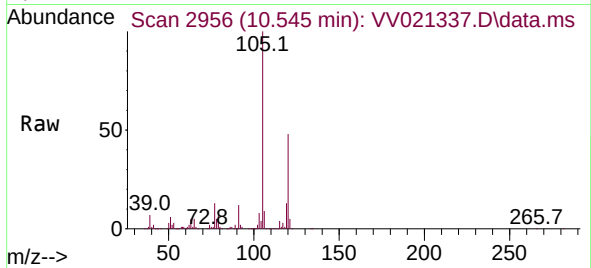




#62
1,3,5-Trimethylbenzene
Concen: 50.51 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

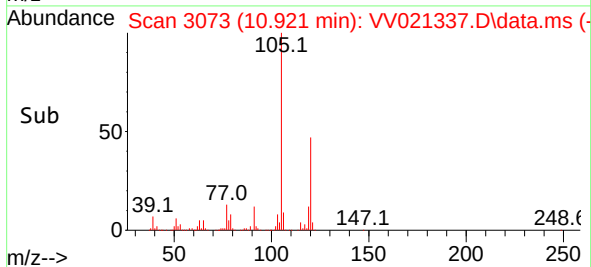
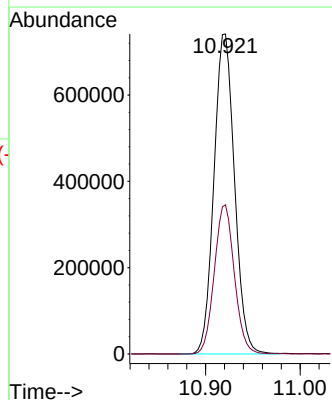
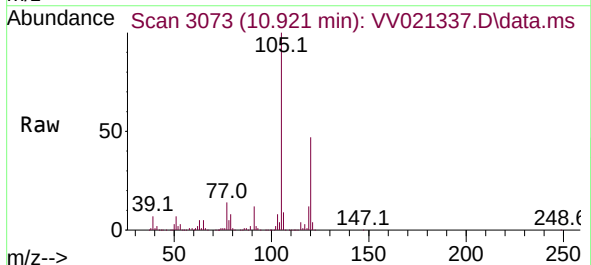
Instrument :
MSVOA_V
ClientSampleId :

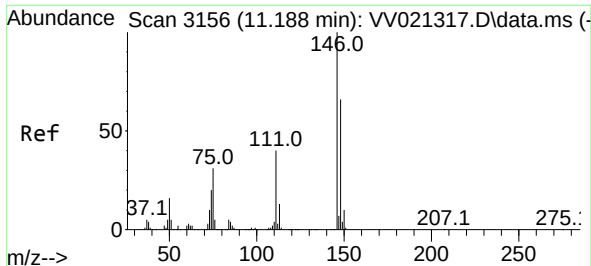
Tgt Ion:105 Resp: 1114469
Ion Ratio Lower Upper
105 100
120 47.3 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 50.64 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion:105 Resp: 1121286
Ion Ratio Lower Upper
105 100
120 45.4 37.7 56.5

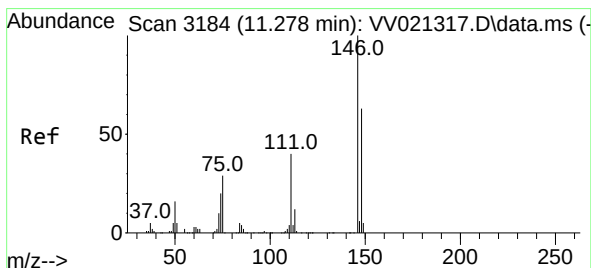
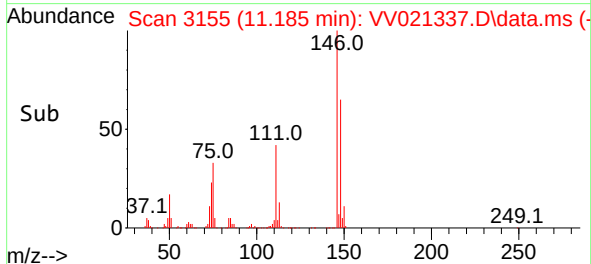
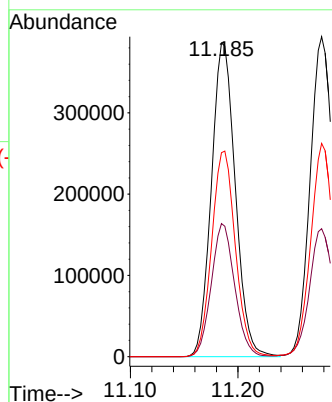
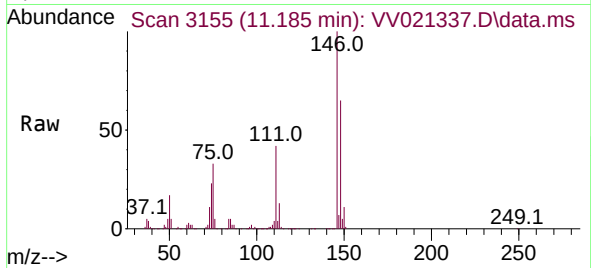




#64
1,3-Dichlorobenzene
Concen: 48.75 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.003 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

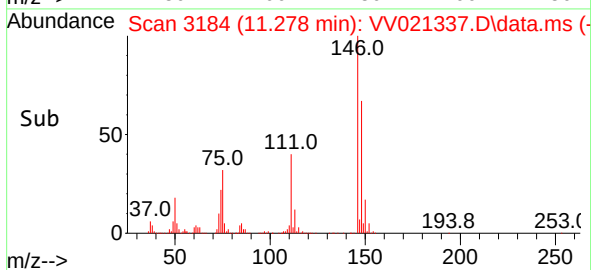
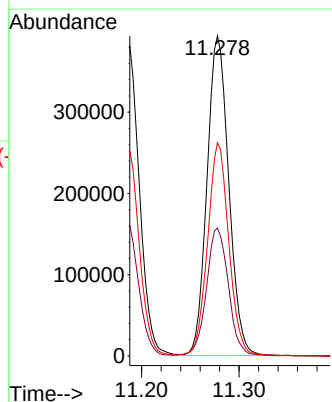
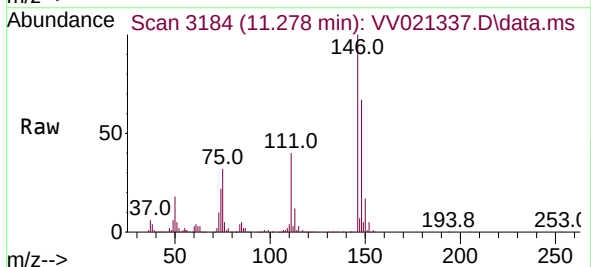
Instrument :
MSVOA_V
ClientSampleId :

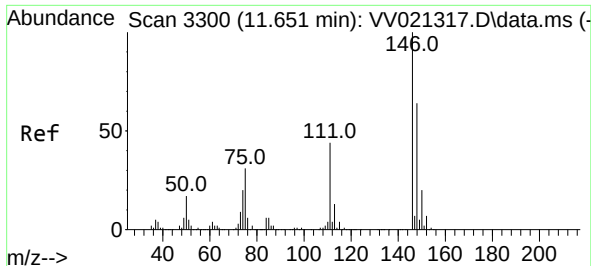
Tgt Ion:146 Resp: 596377
Ion Ratio Lower Upper
146 100
111 42.4 27.6 51.2
148 65.1 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 48.67 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion:146 Resp: 609668
Ion Ratio Lower Upper
146 100
111 40.0 26.3 48.9
148 66.6 44.7 82.9

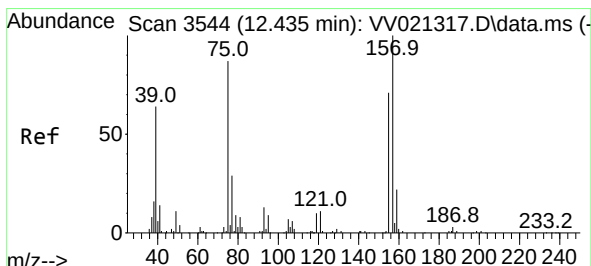
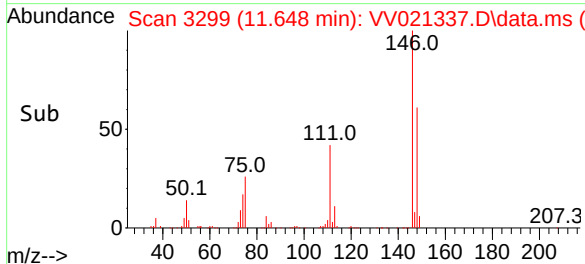
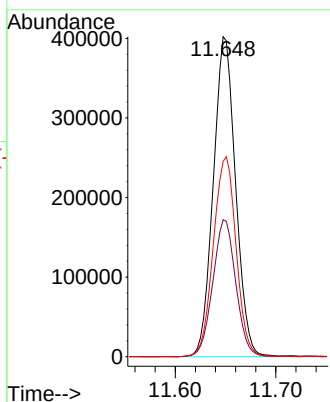
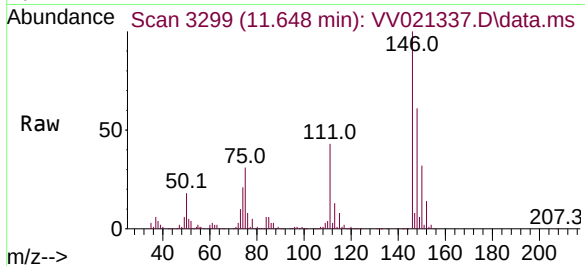




#67
1,2-Dichlorobenzene
Concen: 50.12 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.003 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

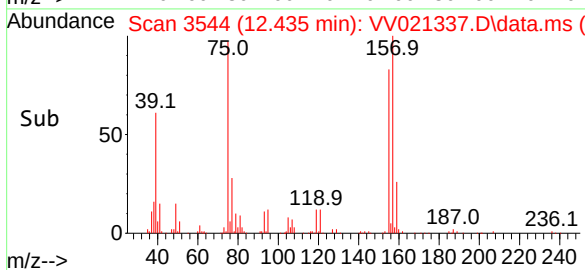
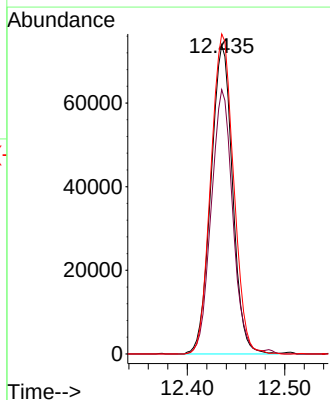
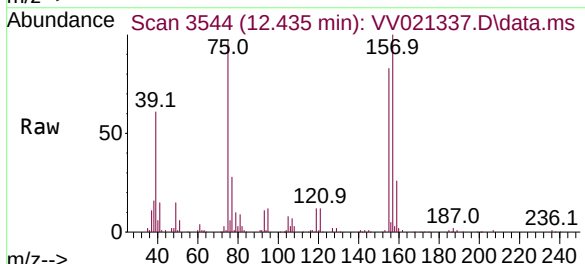
Instrument :
MSVOA_V
ClientSampleId :

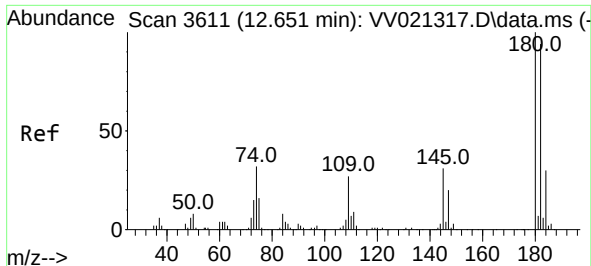
Tgt Ion:146 Resp: 619260
Ion Ratio Lower Upper
146 100
111 42.8 33.2 49.8
148 61.1 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 50.87 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

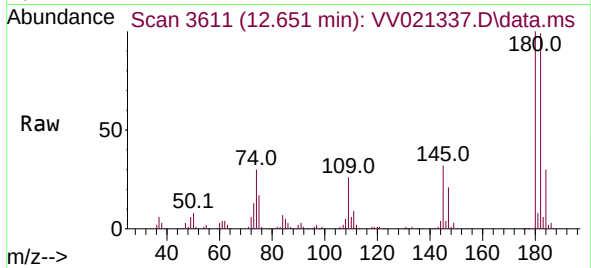
Tgt Ion: 75 Resp: 114069
Ion Ratio Lower Upper
75 100
155 85.6 72.8 109.2
157 103.6 94.6 142.0



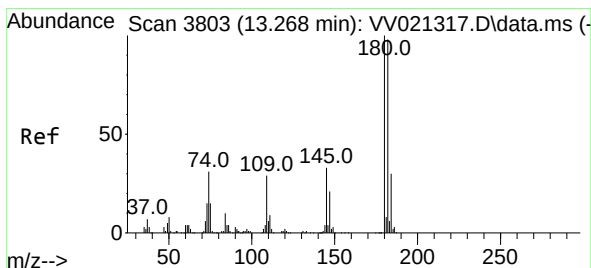
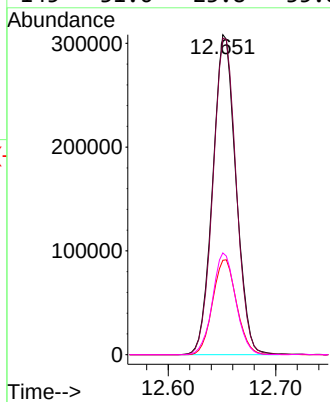
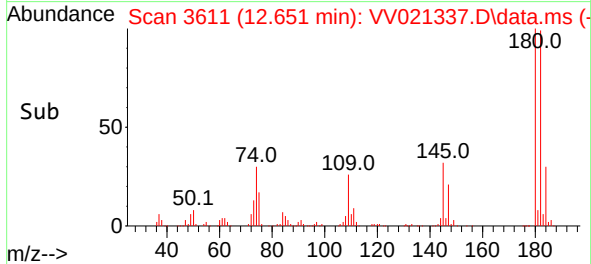


#69
1,3,5-Trichlorobenzene
Concen: 48.83 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

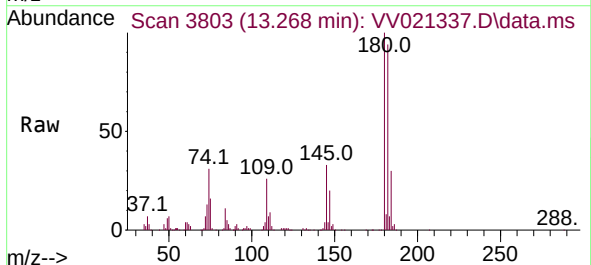
Instrument :
MSVOA_V
ClientSampled :



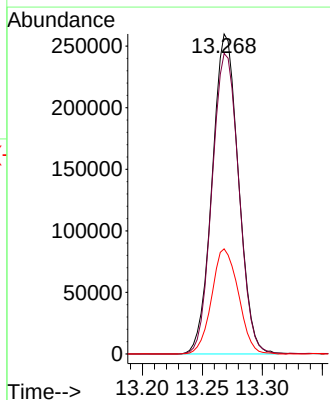
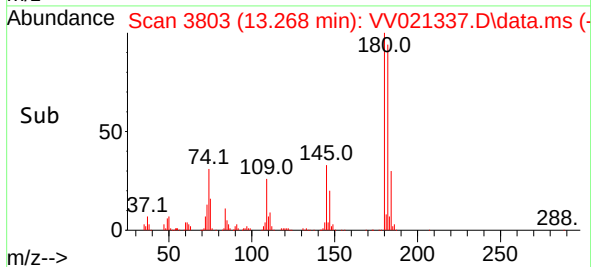
Tgt Ion:180 Resp: 462605
Ion Ratio Lower Upper
180 100
182 98.9 77.4 116.0
184 30.5 24.1 36.1
145 31.6 23.8 35.8

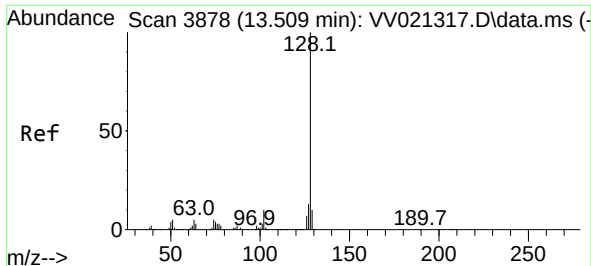


#70
1,2,4-trichlorobenzene
Concen: 51.34 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44



Tgt Ion:180 Resp: 395968
Ion Ratio Lower Upper
180 100
182 95.5 77.5 116.3
145 33.4 24.3 36.5

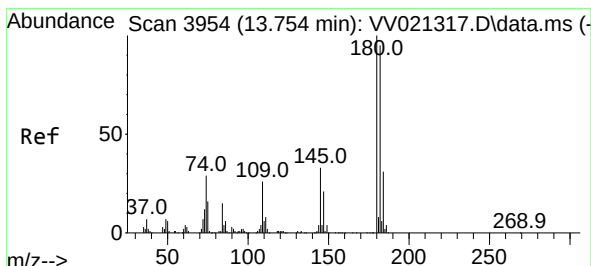
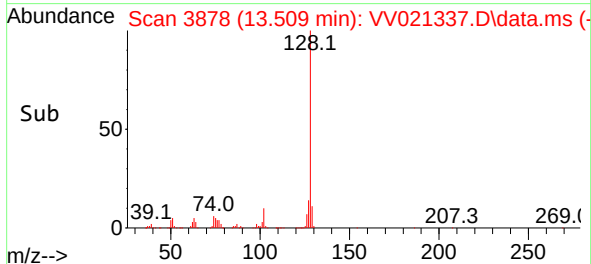
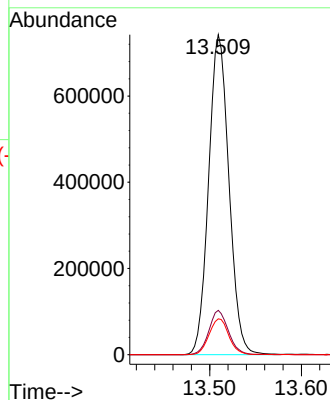
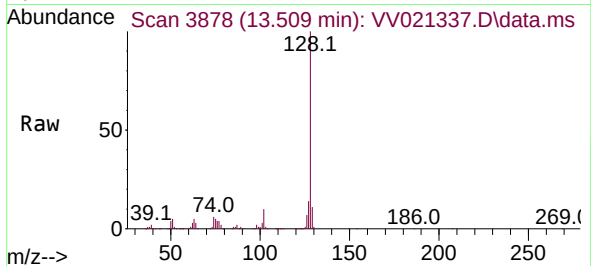




#71
Naphthalene
Concen: 53.91 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1142058
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.50 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.003 min
Lab File: VV021337.D
Acq: 07 May 2021 19:44

Tgt Ion:180 Resp: 401994
Ion Ratio Lower Upper
180 100
182 99.8 75.9 113.9
145 35.3 25.0 37.6

