

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021721\
 Data File : VW020348.D
 Acq On : 17 Feb 2021 18:41
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 18 00:35:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 00:34:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	575529	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	563047	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	308483	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	215475	51.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.70%			
7) Chloroethane-d5	1.568	69	181424	52.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.40%			
11) 1,1-Dichloroethene-d2	2.111	63	392815	49.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.04%			
21) 2-Butanone-d5	3.889	46	272327	116.17	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.17%			
24) Chloroform-d	4.352	84	398082	53.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.62%			
26) 1,2-Dichloroethane-d4	5.034	65	259386	54.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.58%			
32) Benzene-d6	5.053	84	772048	52.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.84%			
36) 1,2-Dichloropropane-d6	6.072	67	241986	55.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.12%			
41) Toluene-d8	7.320	98	734037	53.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.08%			
43) trans-1,3-Dichloroprop...	7.625	79	114441	51.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.10%			
47) 2-Hexanone-d5	8.092	63	203566	112.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.36%			
57) 1,1,2,2-Tetrachloroeth...	10.223	84	339272	54.25	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.50%			
64) 1,2-Dichlorobenzene-d4	11.632	152	312857	53.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	240497	47.00	ug/L	100
3) Chloromethane	1.243	50	230854	50.75	ug/L	98
5) Vinyl chloride	1.310	62	248218	50.68	ug/L	99
6) Bromomethane	1.523	94	155877	50.92	ug/L	97
8) Chloroethane	1.587	64	153021	49.95	ug/L	98
9) Trichlorofluoromethane	1.754	101	344839	49.54	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	183196	49.45	ug/L	91
12) 1,1-Dichloroethene	2.121	96	183485	51.39	ug/L	76
13) Acetone	2.182	43	181840	109.88	ug/L	95
14) Carbon disulfide	2.294	76	477239	45.35	ug/L	99
15) Methyl Acetate	2.436	43	193131	54.85	ug/L	93
16) Methylene chloride	2.510	84	207668	53.10	ug/L	87
17) trans-1,2-Dichloroethene	2.764	96	189923	51.31	ug/L	93
18) Methyl tert-butyl Ether	2.770	73	594026	52.85	ug/L	96
19) 1,1-Dichloroethane	3.191	63	356963	53.09	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	212597	53.40	ug/L	89
22) 2-Butanone	3.973	43	268390	114.04	ug/L	94
23) Bromochloromethane	4.249	128	113892	52.91	ug/L #	81
25) Chloroform	4.378	83	382829	54.37	ug/L	97

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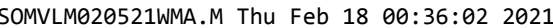
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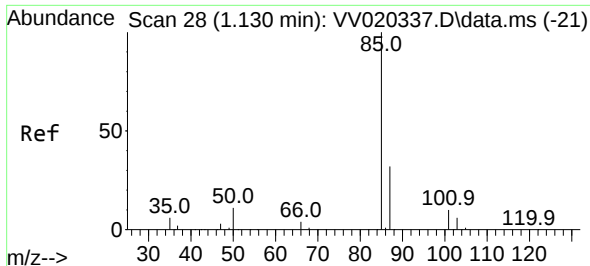
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 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 00:34:19 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	297481	53.37	ug/L	96
29) Cyclohexane	4.683	56	270471	47.38	ug/L	90
30) 1,1,1-Trichloroethane	4.613	97	323603	51.76	ug/L	97
31) Carbon tetrachloride	4.831	117	273627	50.32	ug/L	100
33) Benzene	5.101	78	804069	53.41	ug/L	100
34) Trichloroethene	5.918	95	215993	52.21	ug/L	91
35) Methylcyclohexane	6.137	83	286455	45.73	ug/L	93
37) 1,2-Dichloropropane	6.178	63	204972	53.75	ug/L #	97
38) Bromodichloromethane	6.513	83	270751	51.65	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	313877	51.98	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	536511	111.58	ug/L #	93
42) Toluene	7.391	91	875660	52.88	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	307919	52.43	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	209688	53.43	ug/L	97
46) Tetrachloroethene	7.979	164	171312	50.67	ug/L	96
48) 2-Hexanone	8.143	43	416961	113.35	ug/L #	92
49) Dibromochloromethane	8.249	129	221092	51.05	ug/L	100
50) 1,2-Dibromoethane	8.355	107	223815	53.24	ug/L #	97
51) Chlorobenzene	8.886	112	579995	52.21	ug/L	97
52) Ethylbenzene	9.018	91	968101	52.93	ug/L	97
53) m,p-Xylene	9.143	106	367975	52.84	ug/L	94
54) o-xylene	9.548	106	359453	53.02	ug/L	96
55) Styrene	9.564	104	635725	54.49	ug/L	95
56) Isopropylbenzene	9.937	105	960928	52.82	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	320791	51.88	ug/L	97
59) 1,2,3-Trichloropropane	10.278	75	274465	53.68	ug/L	99
61) Bromoform	9.738	173	156623	49.90	ug/L #	99
62) 1,3-Dichlorobenzene	11.188	146	479809	52.58	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	488607	52.22	ug/L	96
65) 1,2-Dichlorobenzene	11.651	146	483342	53.05	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	68024	48.67	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.651	180	359613	50.47	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	317058	50.14	ug/L	96
69) Naphthalene	13.509	128	1000567	55.26	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	326746	51.91	ug/L	98

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

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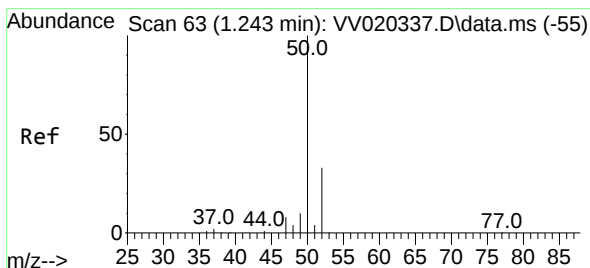
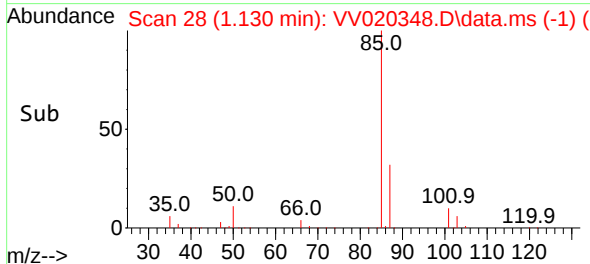
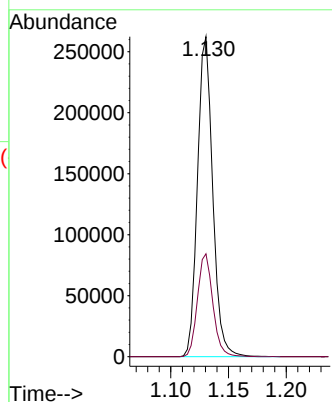
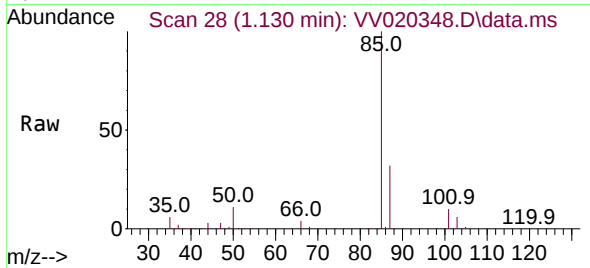




#2
 Dichlorodifluoromethane
 Concen: 47.00 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV020348.D
 Acq: 17 Feb 2021 18:41

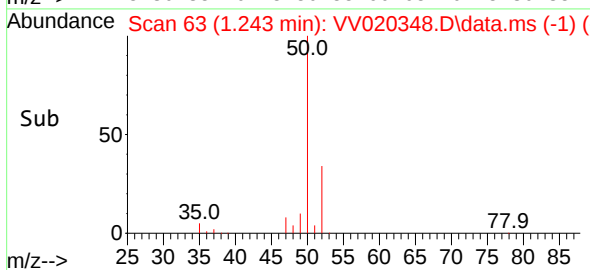
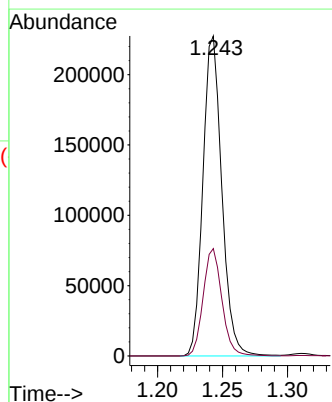
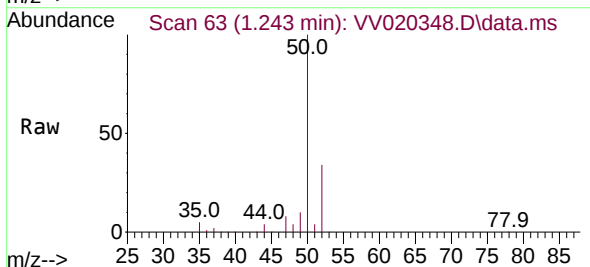
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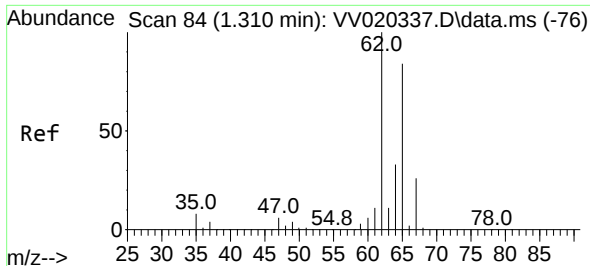
Tgt Ion: 85 Resp: 240497
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 50.75 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV020348.D
 Acq: 17 Feb 2021 18:41

Tgt Ion: 50 Resp: 230854
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.7 42.1

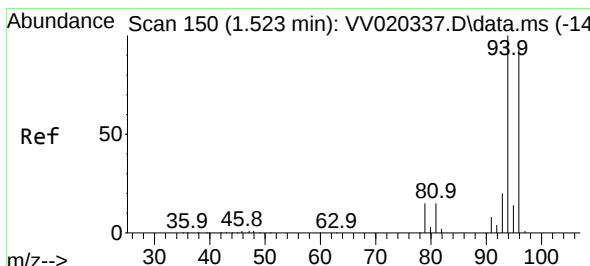
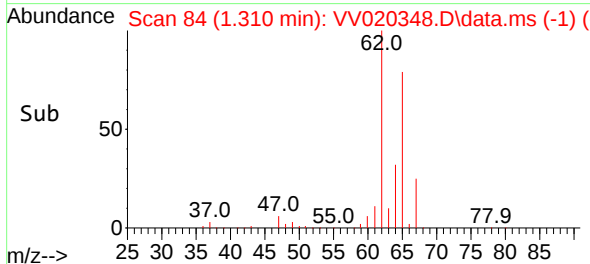
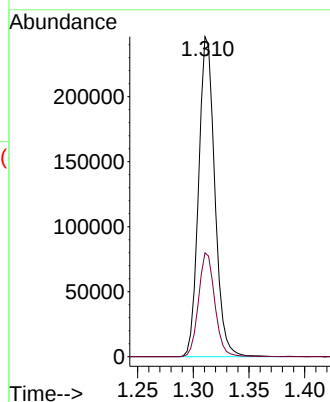
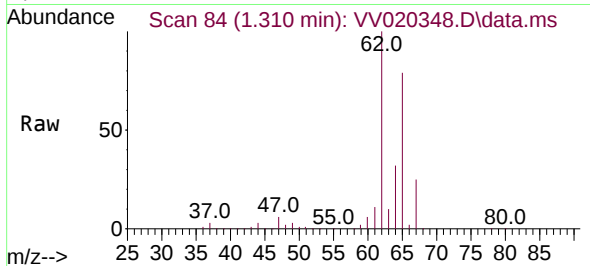




#5
 Vinyl chloride
 Concen: 50.68 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV020348.D
 Acq: 17 Feb 2021 18:41

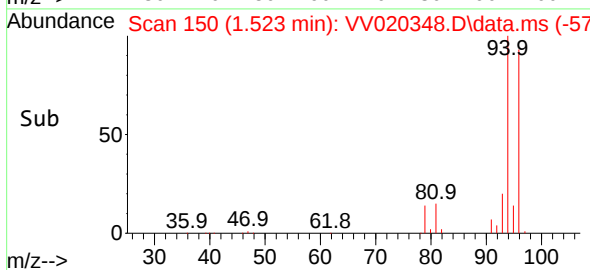
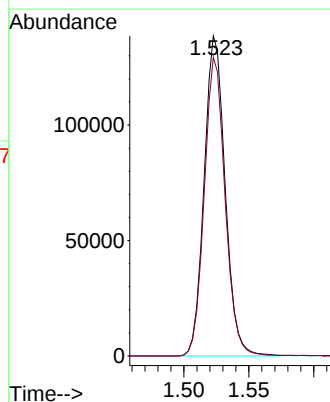
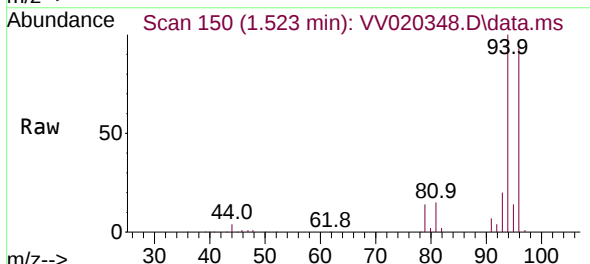
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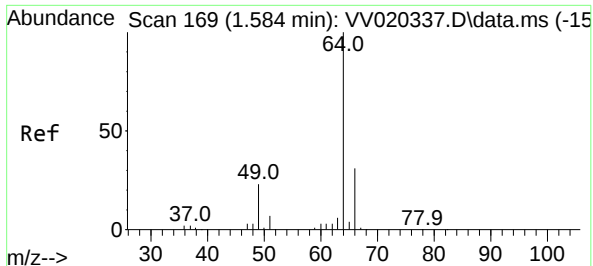
Tgt Ion: 62 Resp: 248218
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.0 42.6



#6
 Bromomethane
 Concen: 50.92 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020348.D
 Acq: 17 Feb 2021 18:41

Tgt Ion: 94 Resp: 155877
 Ion Ratio Lower Upper
 94 100
 96 93.3 63.6 118.2

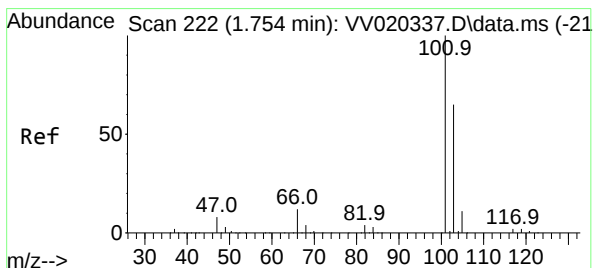
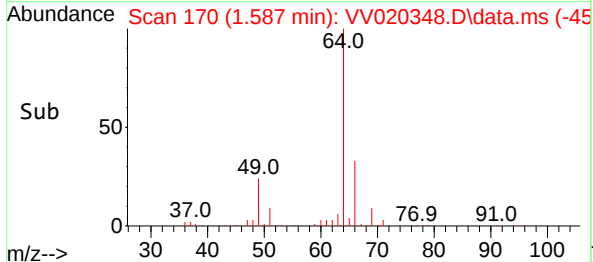
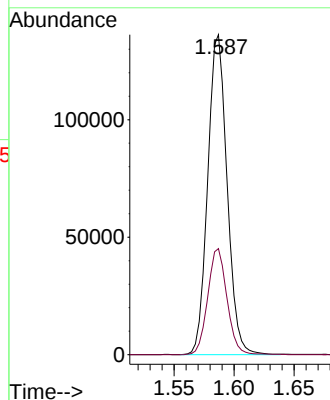
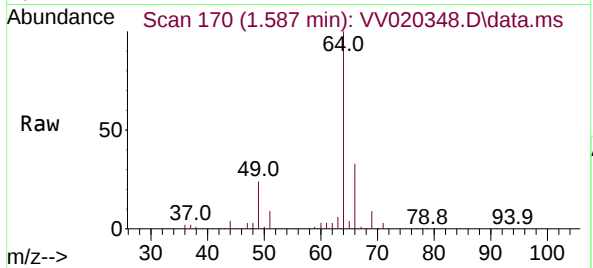




#8
Chloroethane
Concen: 49.95 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

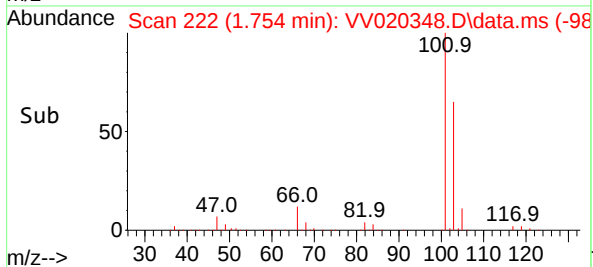
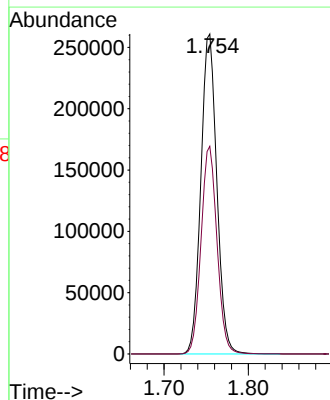
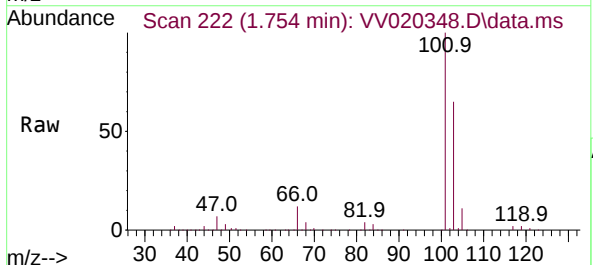
Instrument :
MSVOA_V
ClientSampled :

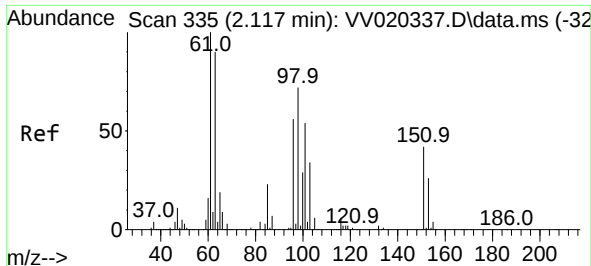
Tgt Ion: 64 Resp: 153021
Ion Ratio Lower Upper
64 100
66 33.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 49.54 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion:101 Resp: 344839
Ion Ratio Lower Upper
101 100
103 64.7 51.7 77.5

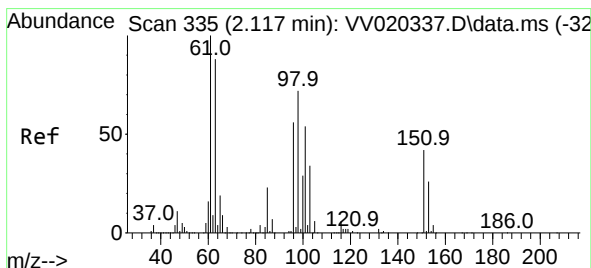
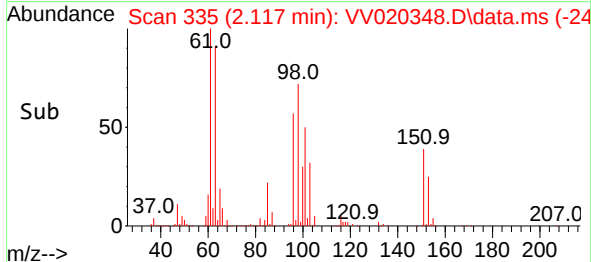
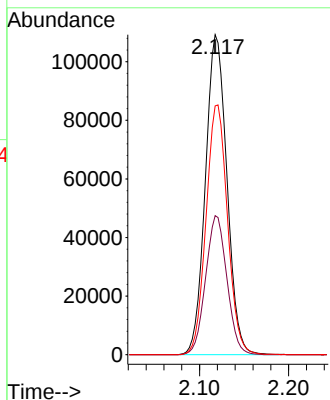
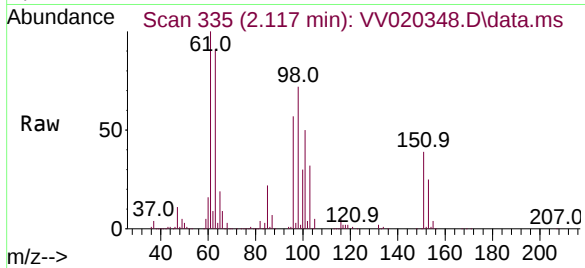




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.45 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020348.D
 Acq: 17 Feb 2021 18:41

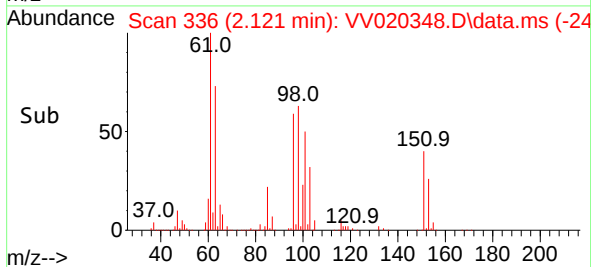
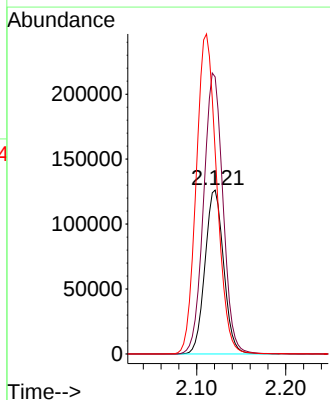
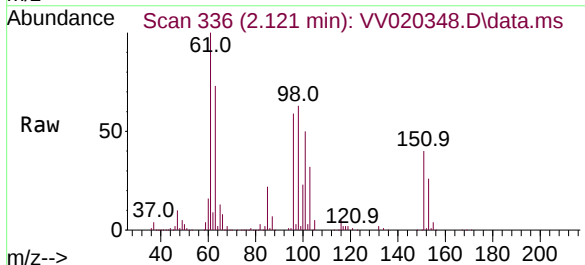
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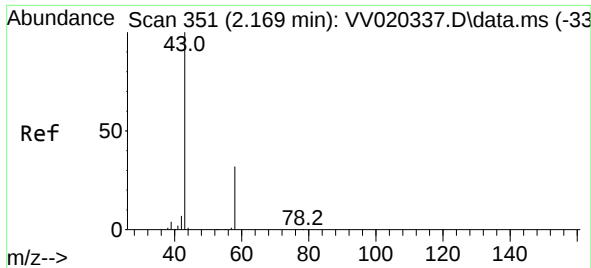
Tgt Ion:101 Resp: 183196
 Ion Ratio Lower Upper
 101 100
 85 43.0 35.3 52.9
 151 78.0 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 51.39 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV020348.D
 Acq: 17 Feb 2021 18:41

Tgt Ion: 96 Resp: 183485
 Ion Ratio Lower Upper
 96 100
 61 169.1 134.9 250.5
 63 123.7 117.6 218.4

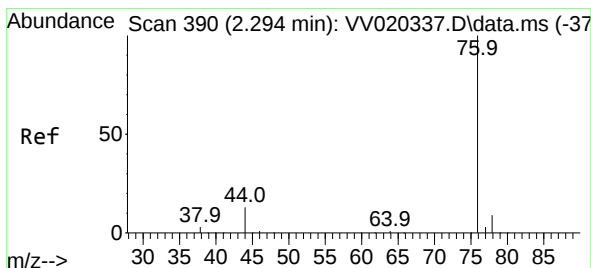
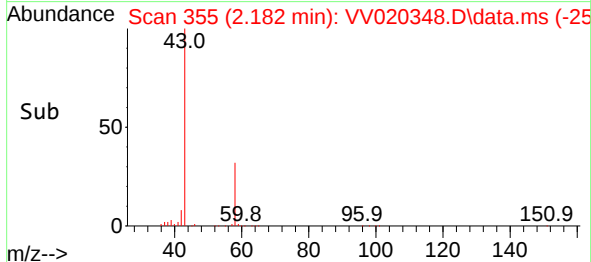
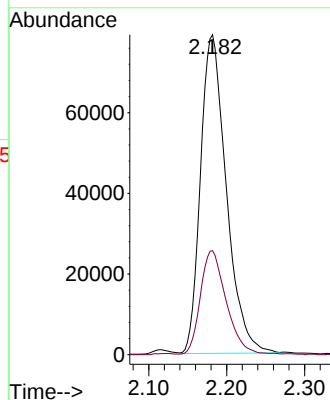
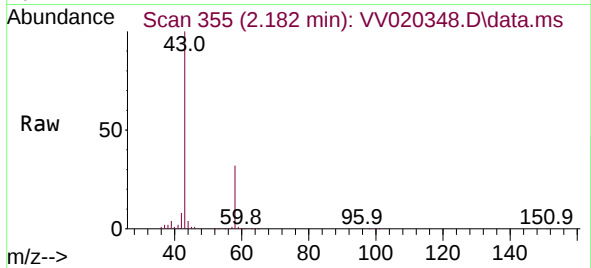




#13
Acetone
Concen: 109.88 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.013 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

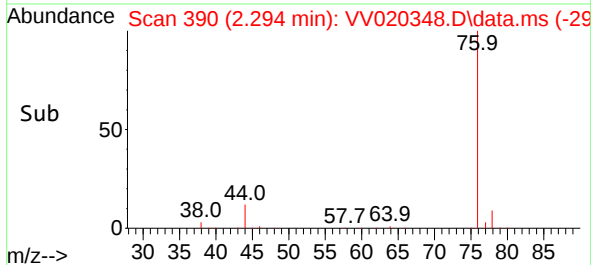
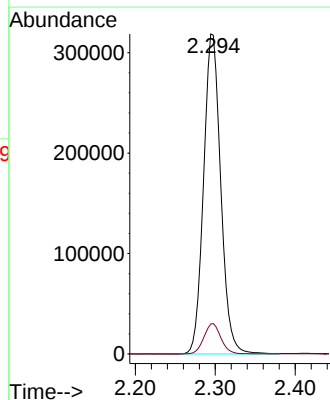
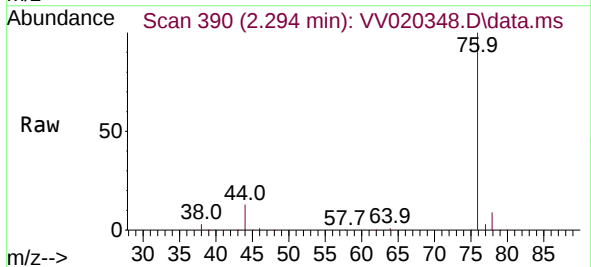
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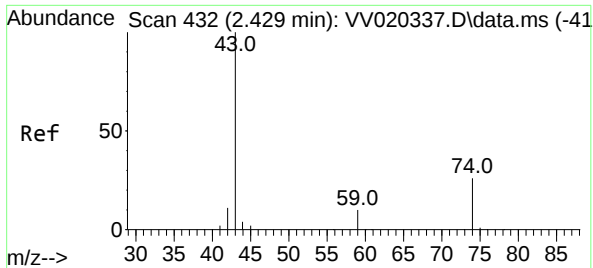
Tgt Ion: 43 Resp: 181840
Ion Ratio Lower Upper
43 100
58 32.7 0.0 60.2



#14
Carbon disulfide
Concen: 45.35 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion: 76 Resp: 477239
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

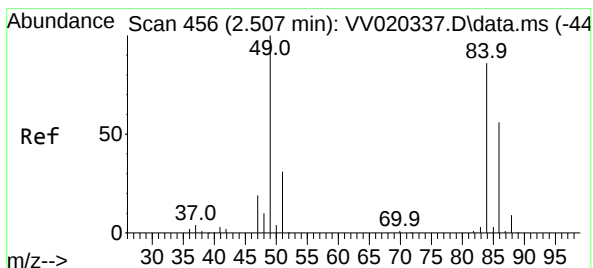
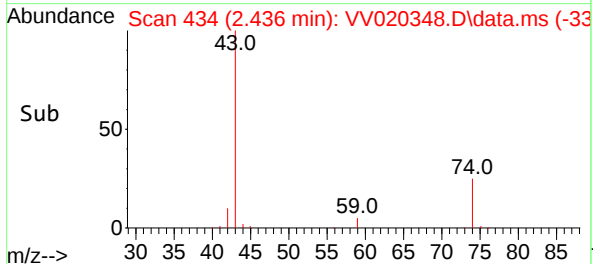
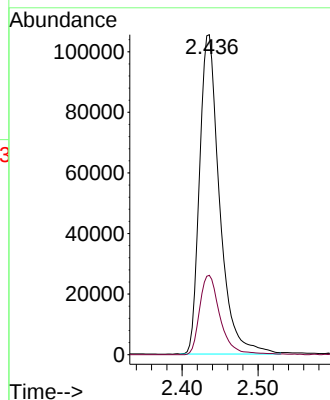
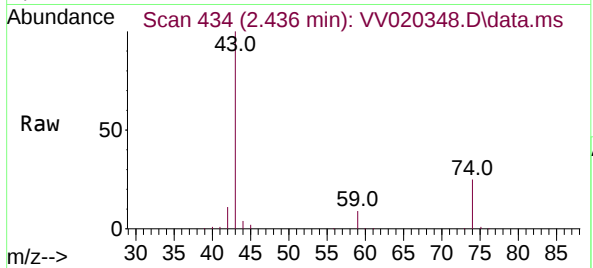




#15
Methyl Acetate
Concen: 54.85 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.006 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

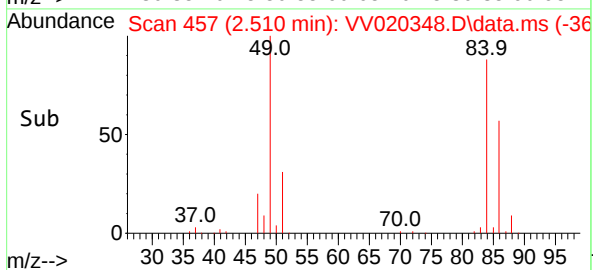
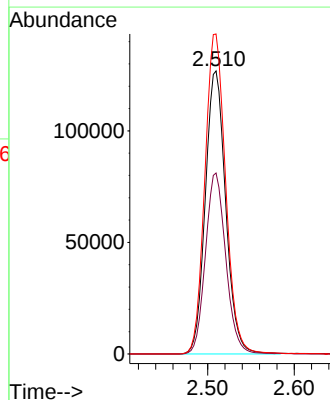
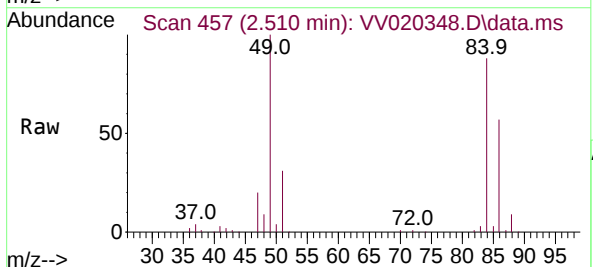
Instrument :
MSVOA_V
ClientSampled :

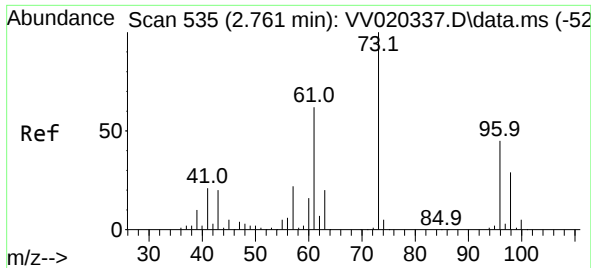
Tgt Ion: 43 Resp: 193131
Ion Ratio Lower Upper
43 100
74 25.5 17.6 26.4



#16
Methylene chloride
Concen: 53.10 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion: 84 Resp: 207668
Ion Ratio Lower Upper
84 100
86 63.9 44.6 82.8
49 113.0 94.6 175.8

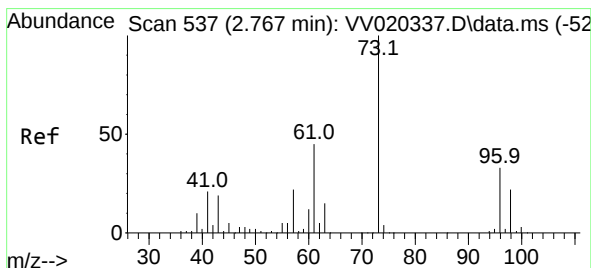
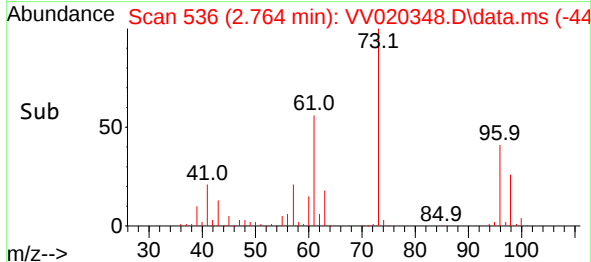
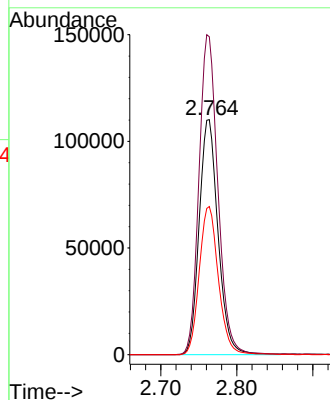
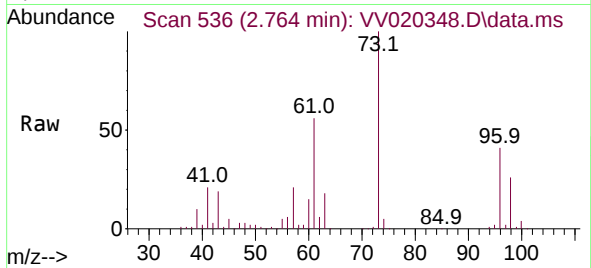




#17
trans-1,2-Dichloroethene
Concen: 51.31 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

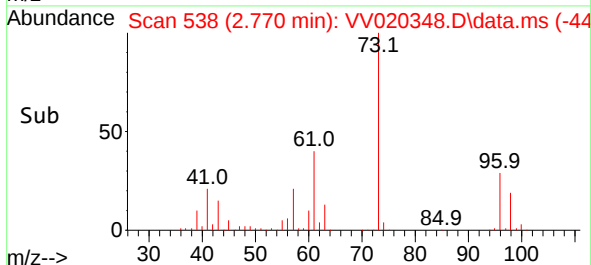
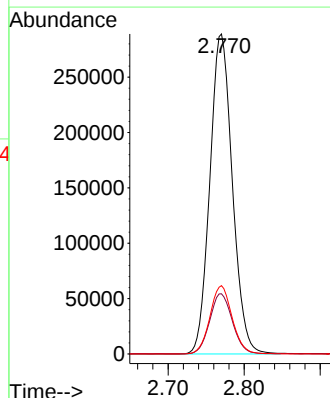
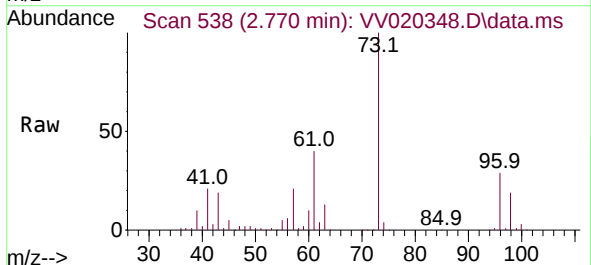
Instrument :
MSVOA_V
ClientSampled :

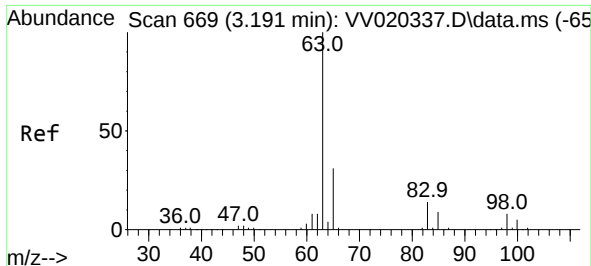
Tgt Ion: 96 Resp: 189923
Ion Ratio Lower Upper
96 100
61 135.2 103.1 191.5
98 63.1 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 52.85 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion: 73 Resp: 594026
Ion Ratio Lower Upper
73 100
43 18.8 17.3 25.9
57 21.1 17.9 26.9





#19

1,1-Dichloroethane

Concen: 53.09 ug/L

RT: 3.191 min Scan# 669

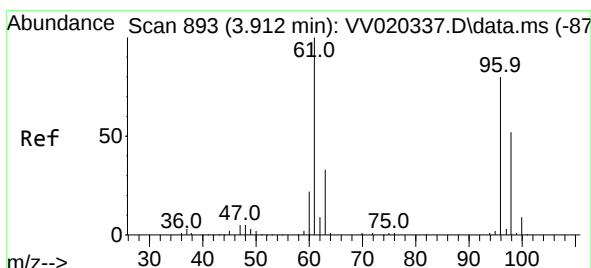
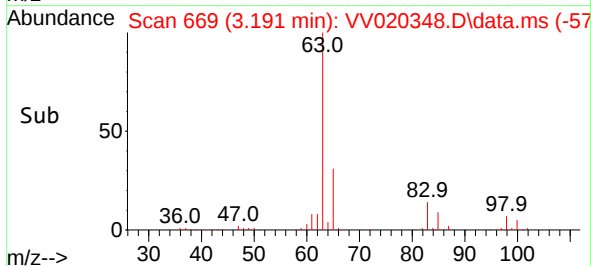
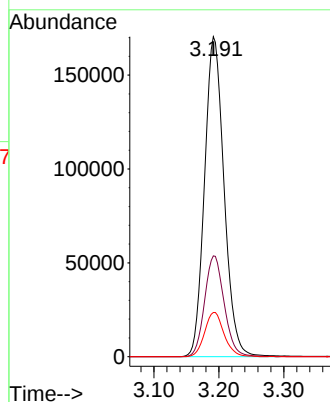
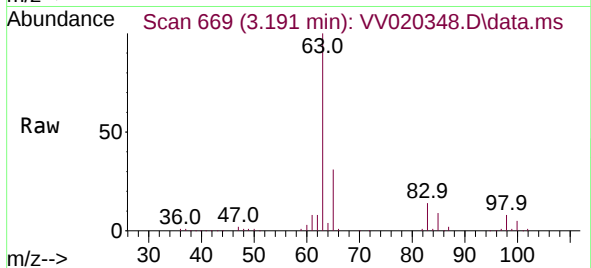
Delta R.T. -0.000 min

Lab File: VV020348.D

Acq: 17 Feb 2021 18:41

Tgt Ion:	63	Resp:	356963
Ion Ratio	Lower	Upper	
63	100		
65	31.5	21.9	40.7
83	13.8	9.5	17.7

Instrument :
MSVOA_V
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 53.40 ug/L

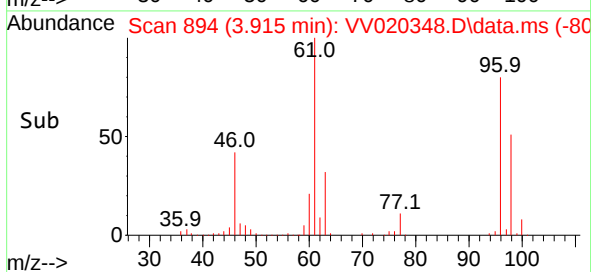
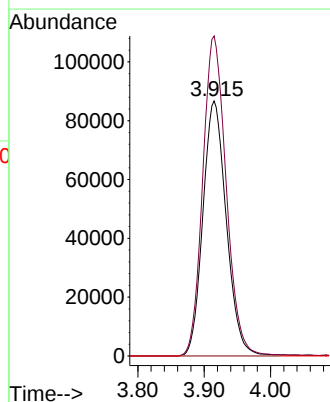
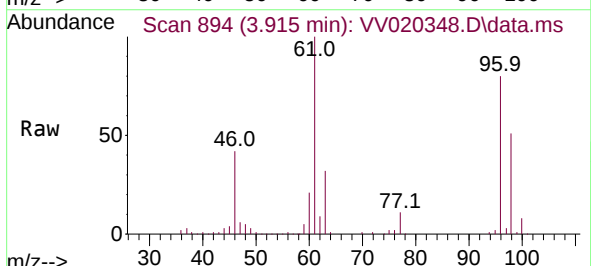
RT: 3.915 min Scan# 894

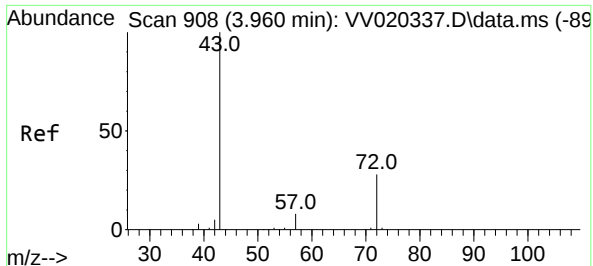
Delta R.T. 0.003 min

Lab File: VV020348.D

Acq: 17 Feb 2021 18:41

Tgt Ion:	96	Resp:	212597
Ion Ratio	Lower	Upper	
96	100		
61	125.5	96.9	179.9
68	0.0	0.0	0.0

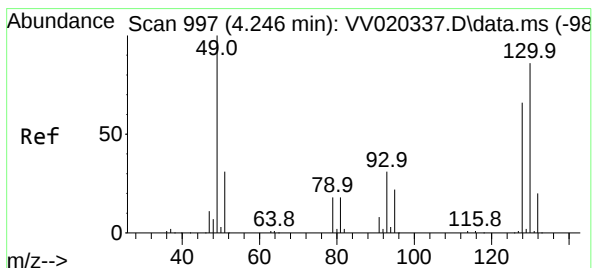
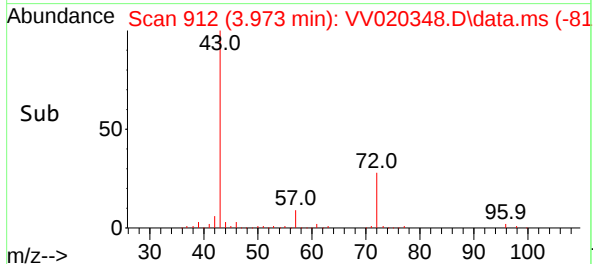
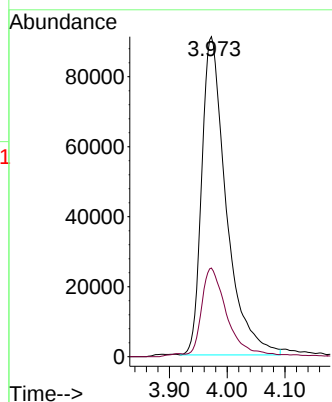
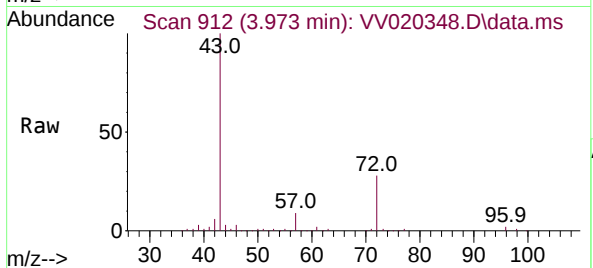




#22
2-Butanone
Concen: 114.04 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.013 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

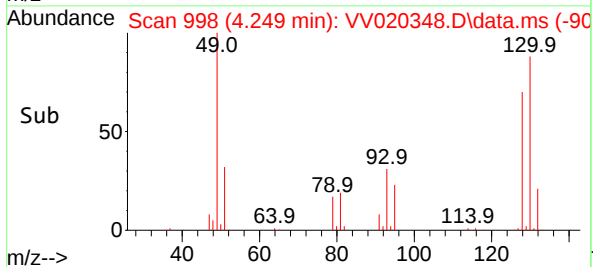
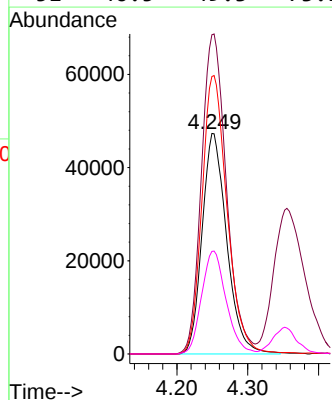
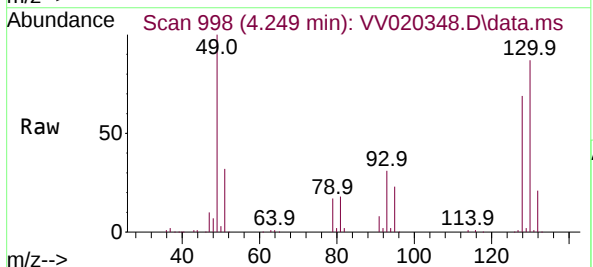
Instrument :
MSVOA_V
ClientSampled :

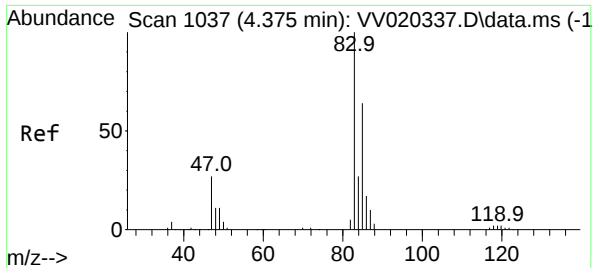
Tgt Ion: 43 Resp: 268390
Ion Ratio Lower Upper
43 100
72 27.6 12.2 36.6



#23
Bromochloromethane
Concen: 52.91 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion:128 Resp: 113892
Ion Ratio Lower Upper
128 100
49 144.8 133.1 247.1
130 125.9 89.0 165.4
51 46.5 49.3 73.9#

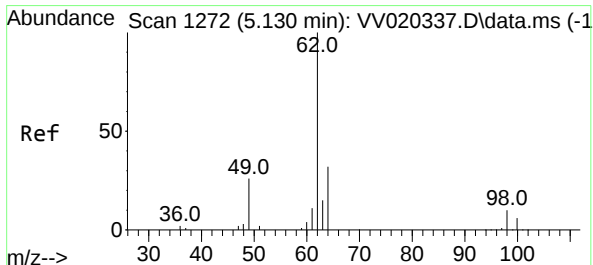
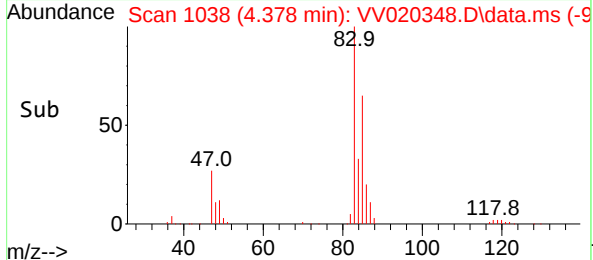
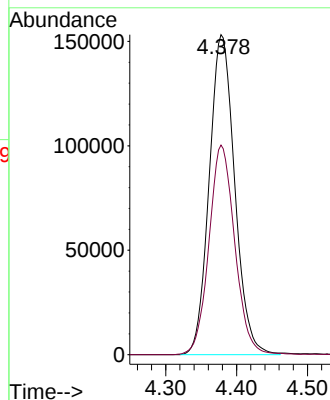
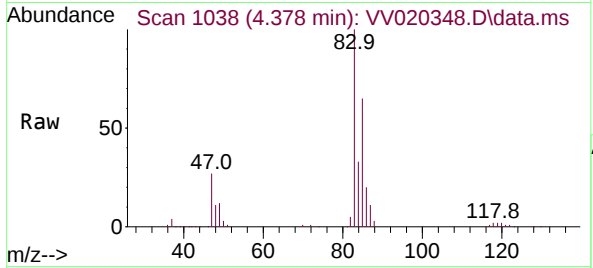




#25
Chloroform
Concen: 54.37 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

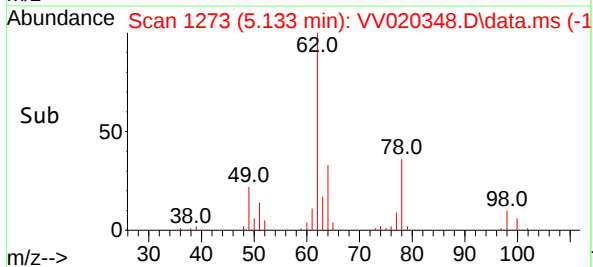
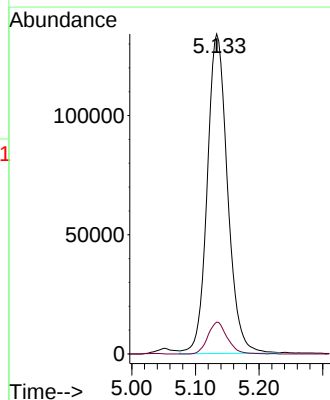
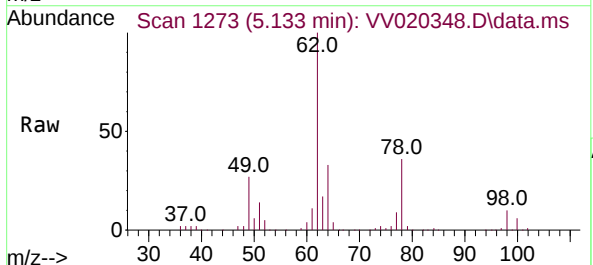
Instrument :
MSVOA_V
ClientSampled :

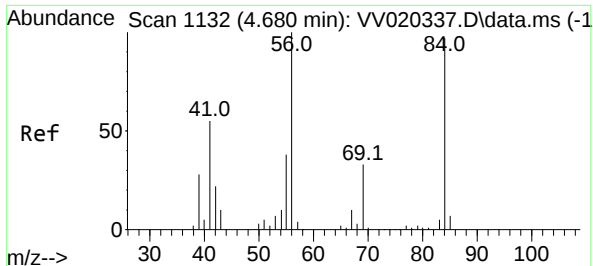
Tgt Ion: 83 Resp: 382829
Ion Ratio Lower Upper
83 100
85 65.5 44.2 82.2



#27
1,2-Dichloroethane
Concen: 53.37 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion: 62 Resp: 297481
Ion Ratio Lower Upper
62 100
98 10.0 6.9 10.3





#29

Cyclohexane

Concen: 47.38 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.003 min

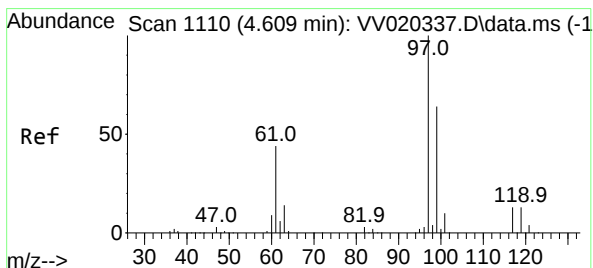
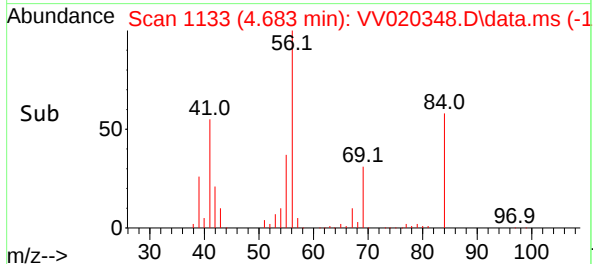
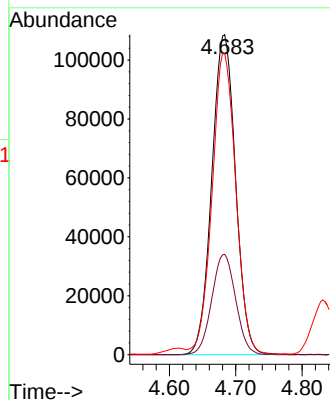
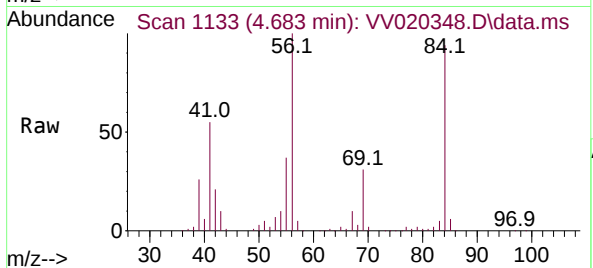
Lab File: VV020348.D

Acq: 17 Feb 2021 18:41

Tgt Ion: 56 Resp: 270471

Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.2	36.2
84	94.0	66.3	99.5

Instrument :
MSVOA_V
ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 51.76 ug/L

RT: 4.613 min Scan# 1111

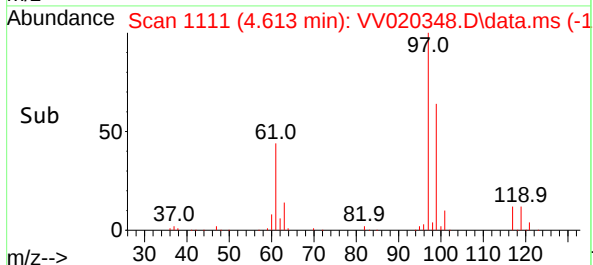
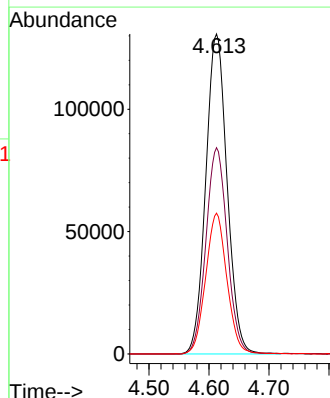
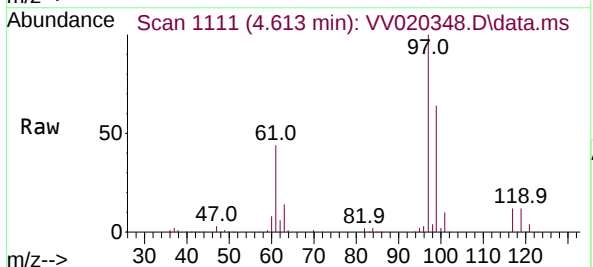
Delta R.T. 0.003 min

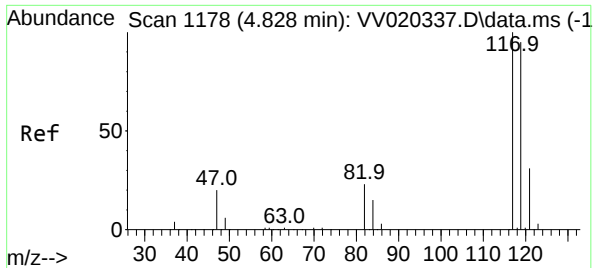
Lab File: VV020348.D

Acq: 17 Feb 2021 18:41

Tgt Ion: 97 Resp: 323603

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.2	76.8
61	43.8	38.5	57.7

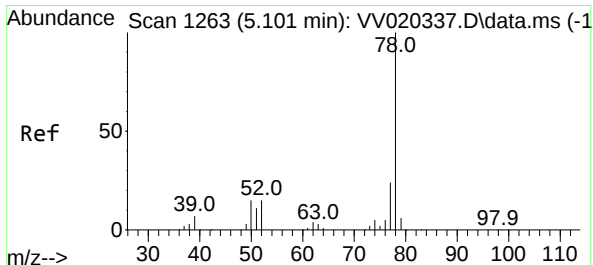
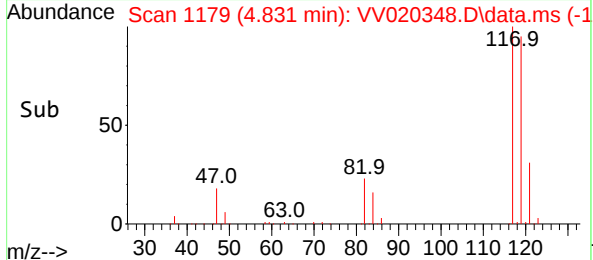
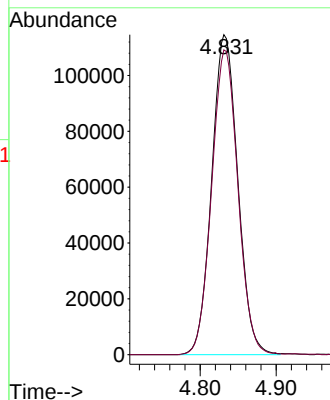
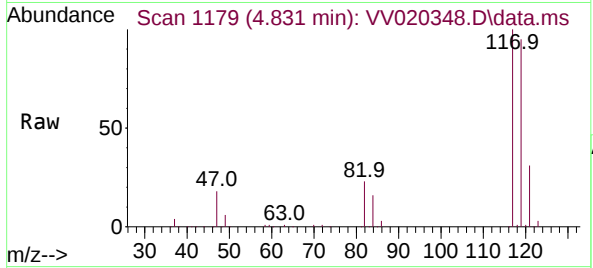




#31
Carbon tetrachloride
Concen: 50.32 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

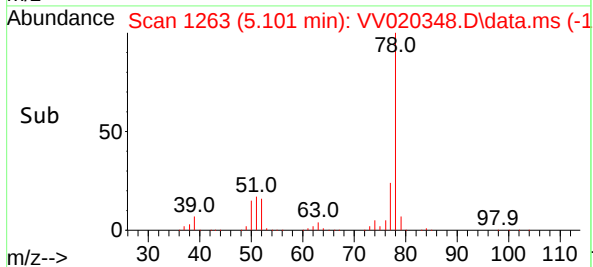
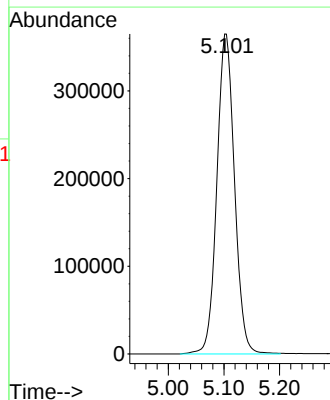
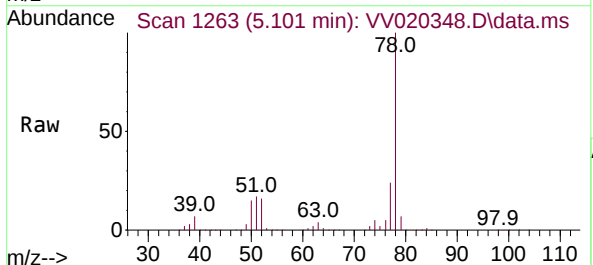
Instrument :
MSVOA_V
ClientSampled :

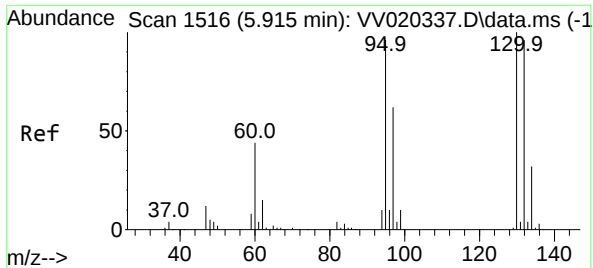
Tgt Ion:117 Resp: 273627
Ion Ratio Lower Upper
117 100
119 95.6 76.3 114.5



#33
Benzene
Concen: 53.41 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion: 78 Resp: 804069





#34

Trichloroethene

Concen: 52.21 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV020348.D

Acq: 17 Feb 2021 18:41

Tgt Ion: 95 Resp: 215993

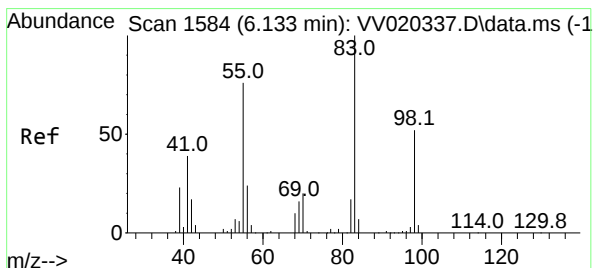
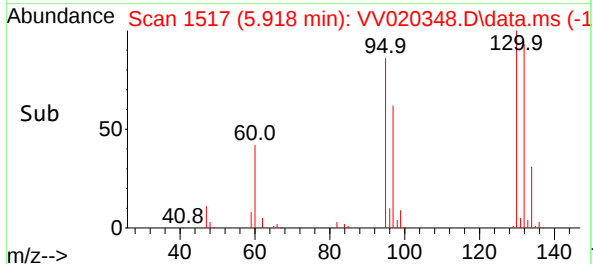
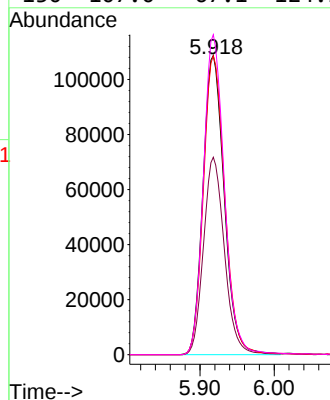
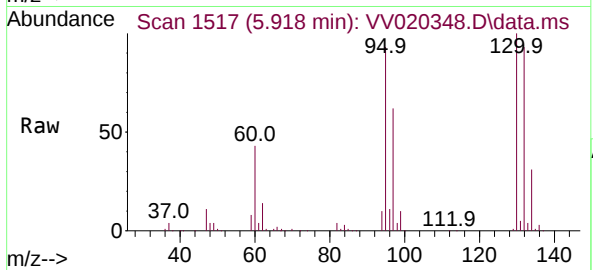
Ion Ratio Lower Upper

95 100

97 66.0 44.5 82.7

132 99.9 63.4 117.8

130 107.0 67.1 124.5



#35

Methylcyclohexane

Concen: 45.73 ug/L

RT: 6.137 min Scan# 1585

Delta R.T. 0.003 min

Lab File: VV020348.D

Acq: 17 Feb 2021 18:41

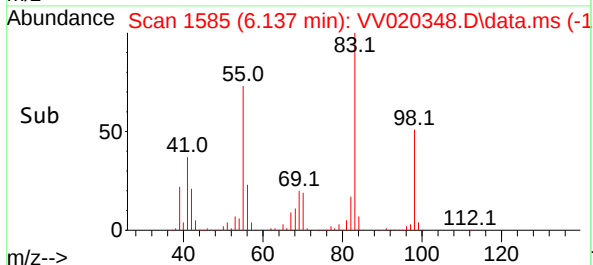
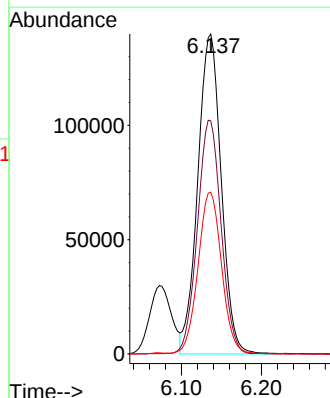
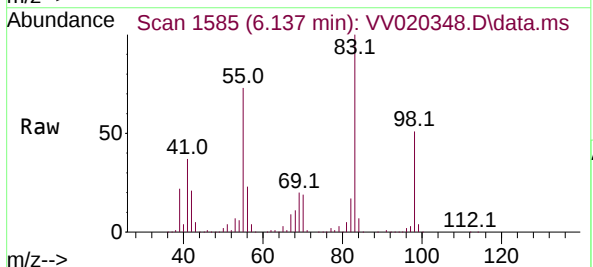
Tgt Ion: 83 Resp: 286455

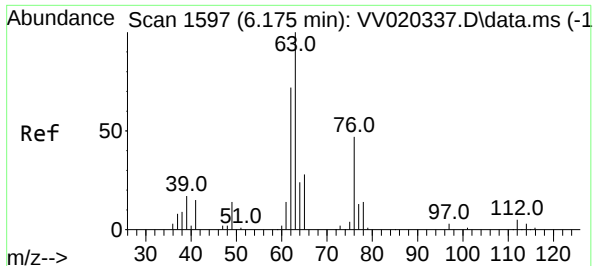
Ion Ratio Lower Upper

83 100

55 73.3 65.1 97.7

98 50.8 38.2 57.2



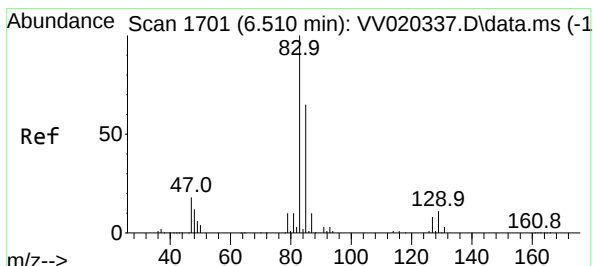
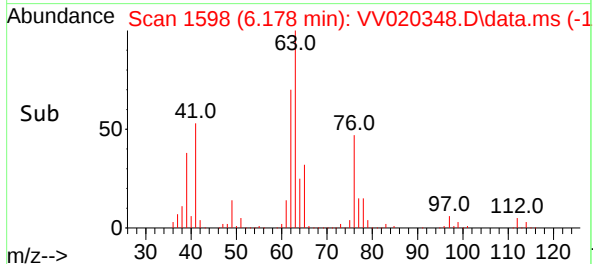
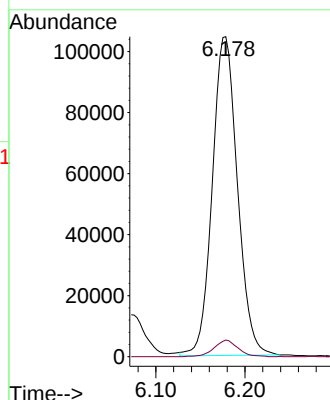
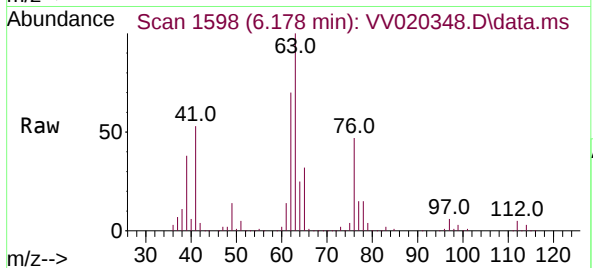


#37

1,2-Dichloropropane
Concen: 53.75 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Instrument :
MSVOA_V
ClientSampled :

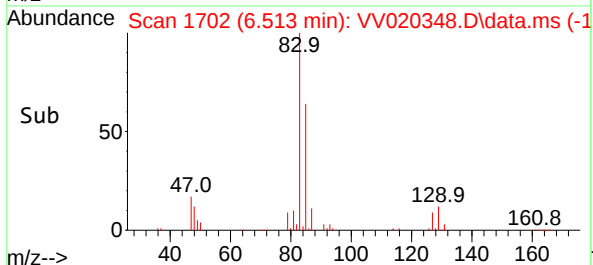
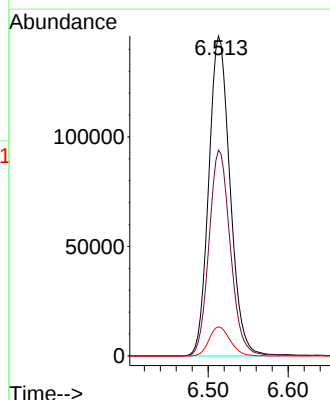
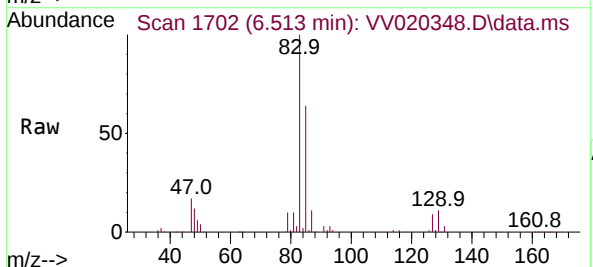
Tgt Ion: 63 Resp: 204972
Ion Ratio Lower Upper
63 100
112 4.9 3.3 4.9#

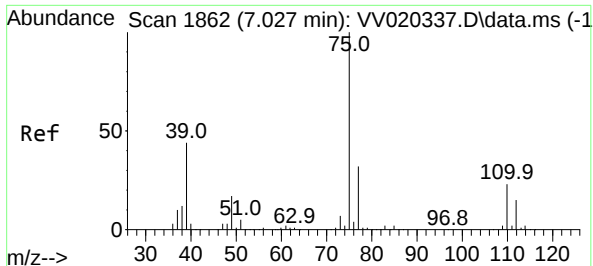


#38

Bromodichloromethane
Concen: 51.65 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion: 83 Resp: 270751
Ion Ratio Lower Upper
83 100
85 64.4 44.5 82.7
127 9.1 6.3 9.5

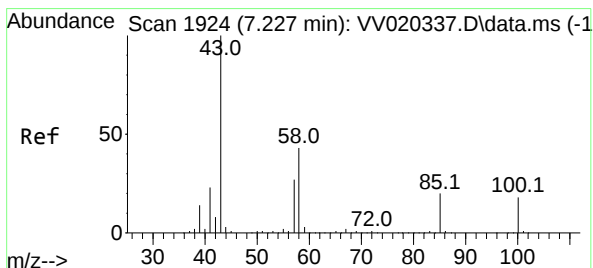
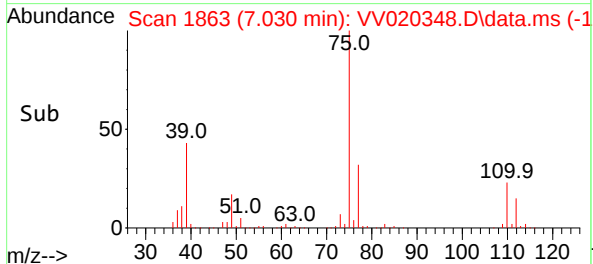
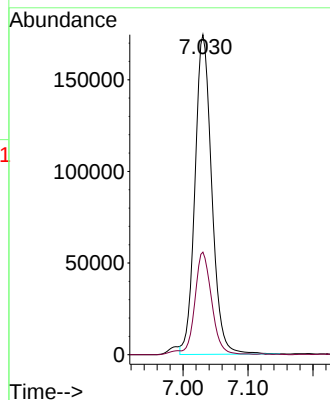
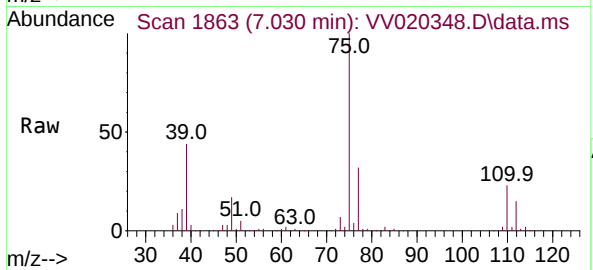




#39
cis-1,3-Dichloropropene
Concen: 51.98 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

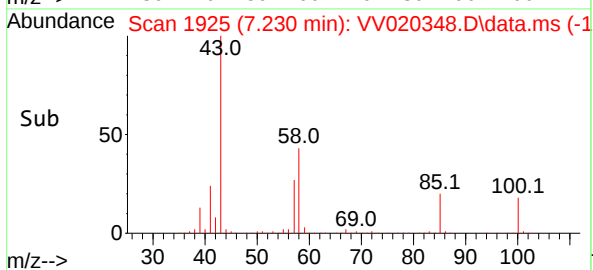
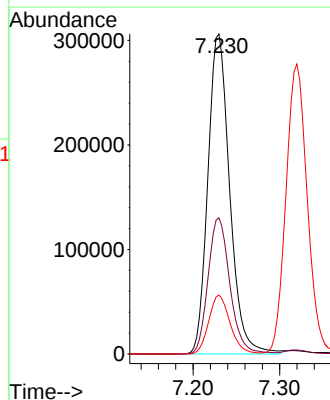
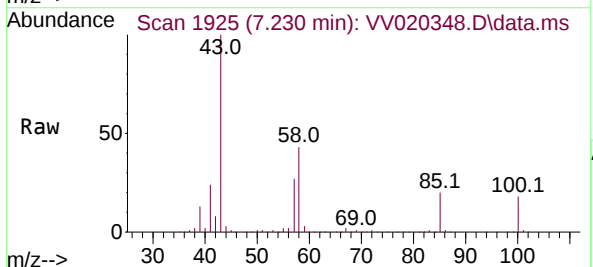
Instrument :
MSVOA_V
ClientSampled :

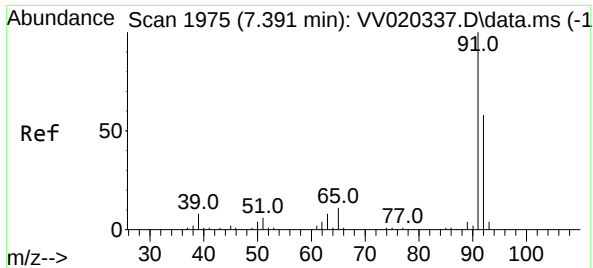
Tgt Ion: 75 Resp: 313877
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 111.58 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion: 43 Resp: 536511
Ion Ratio Lower Upper
43 100
58 42.6 30.7 46.1
100 18.0 11.6 17.4#

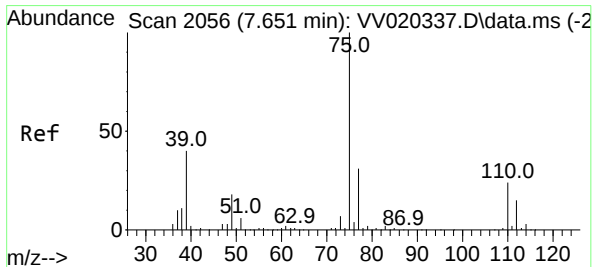
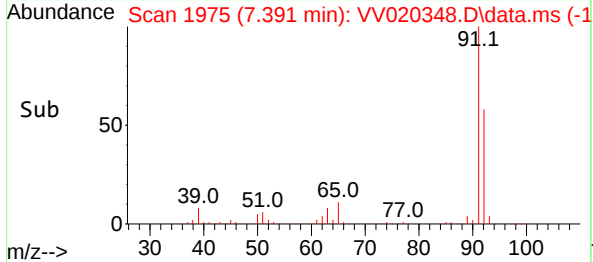
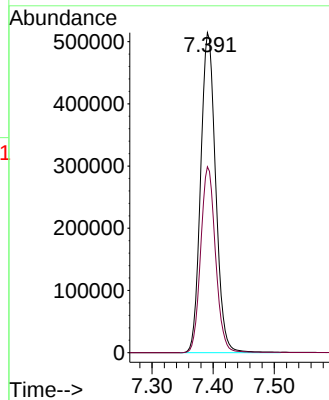
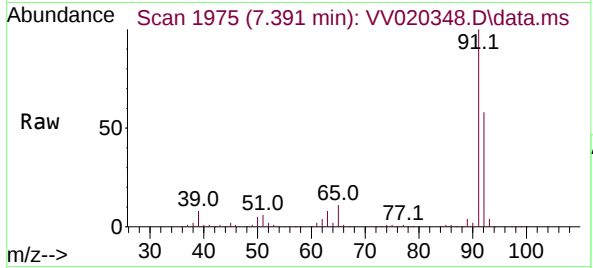




#42
Toluene
Concen: 52.88 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

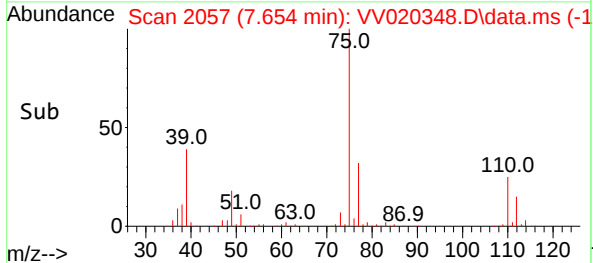
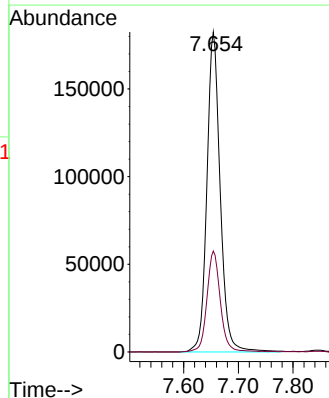
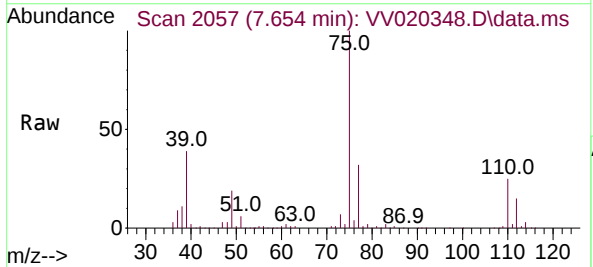
Instrument :
MSVOA_V
ClientSampled :

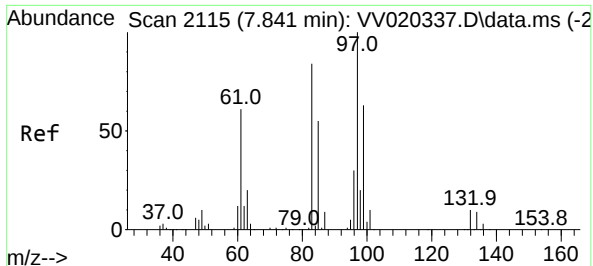
Tgt Ion: 91 Resp: 875660
Ion Ratio Lower Upper
91 100
92 58.1 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 52.43 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion: 75 Resp: 307919
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 53.43 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. 0.003 min

Lab File: VV020348.D

Acq: 17 Feb 2021 18:41

Tgt Ion: 97 Resp: 209688

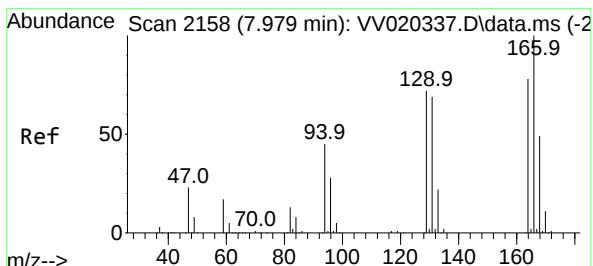
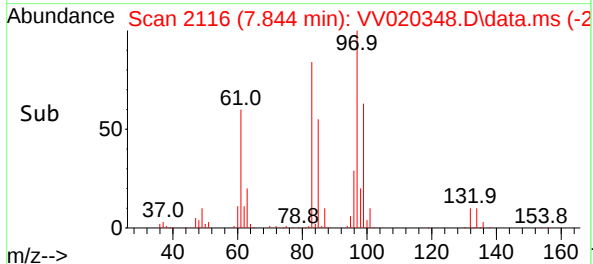
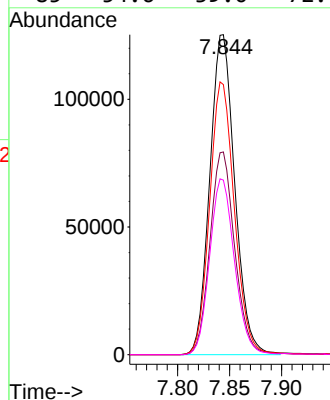
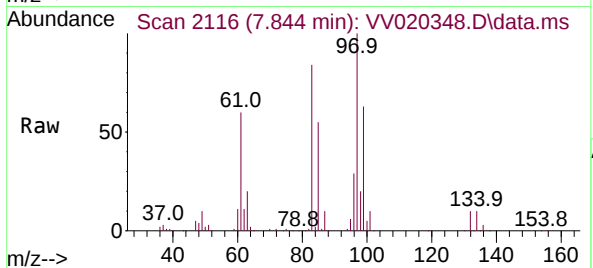
Ion Ratio Lower Upper

97 100

99 63.4 43.8 81.3

83 84.4 62.2 115.4

85 54.6 39.0 72.4



#46

Tetrachloroethene

Concen: 50.67 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.000 min

Lab File: VV020348.D

Acq: 17 Feb 2021 18:41

Tgt Ion: 164 Resp: 171312

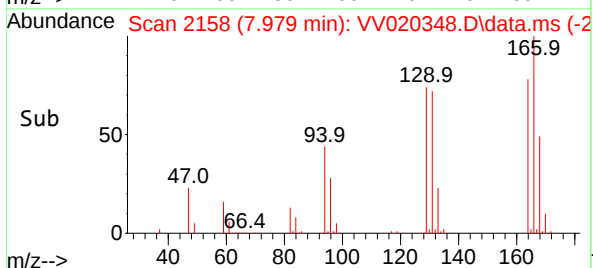
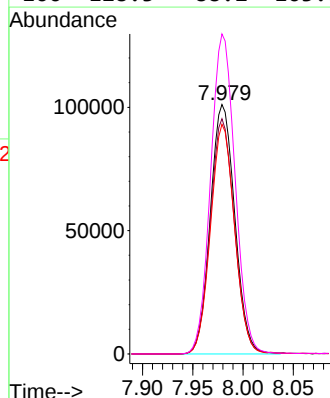
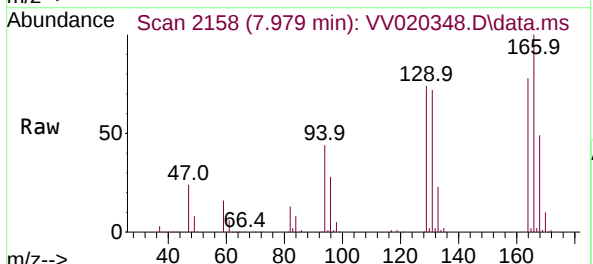
Ion Ratio Lower Upper

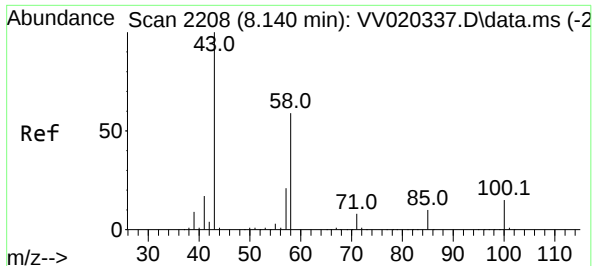
164 100

129 94.3 70.6 131.0

131 92.0 66.8 124.0

166 128.3 88.2 163.8

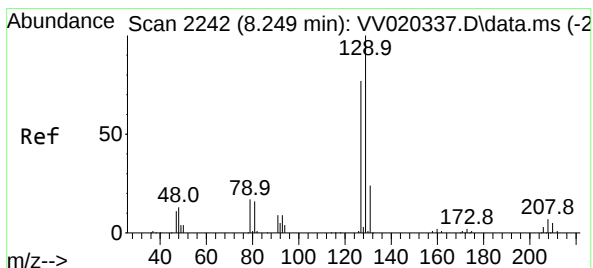
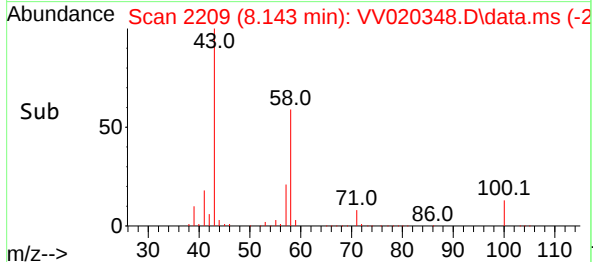
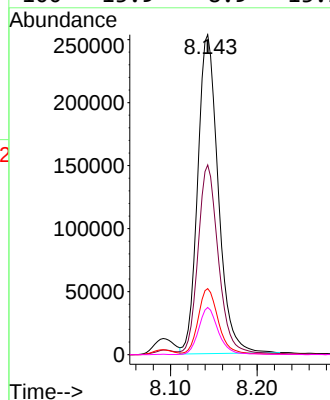
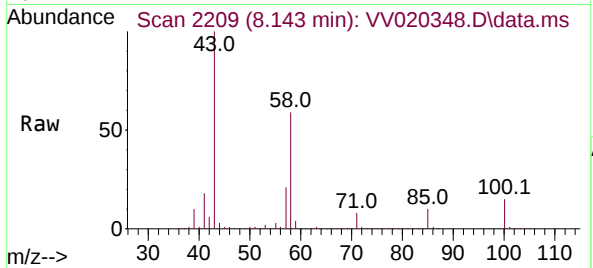




#48
2-Hexanone
Concen: 113.35 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

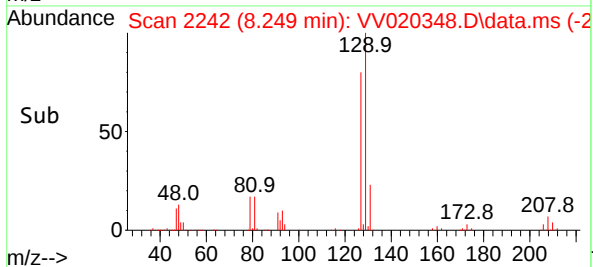
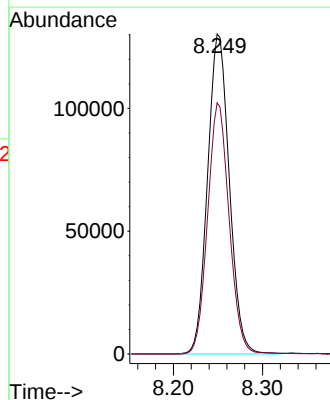
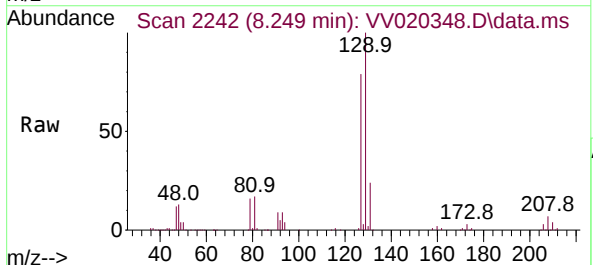
Instrument :
MSVOA_V
ClientSampled :

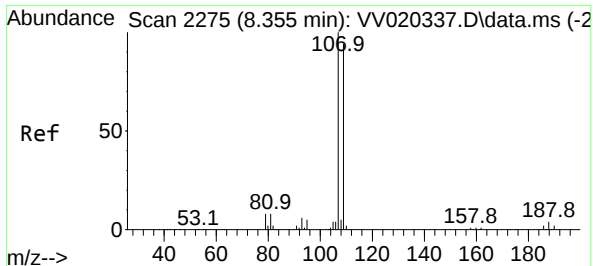
Tgt Ion:	43	Resp:	416961
Ion	Ratio	Lower	Upper
43	100		
58	59.1	41.8	62.6
57	20.7	15.0	22.4
100	13.9	8.9	13.3



#49
Dibromochloromethane
Concen: 51.05 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion:	129	Resp:	221092
Ion	Ratio	Lower	Upper
129	100		
127	78.5	55.2	102.6





#50

1,2-Dibromoethane

Concen: 53.24 ug/L

RT: 8.355 min Scan# 2275

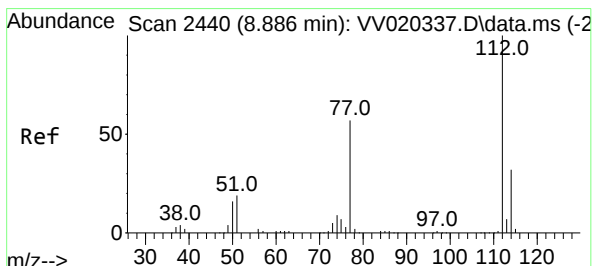
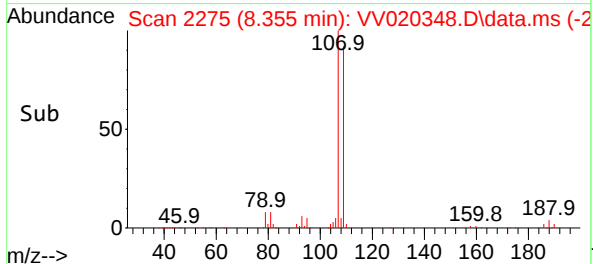
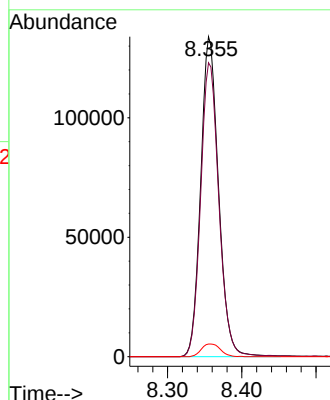
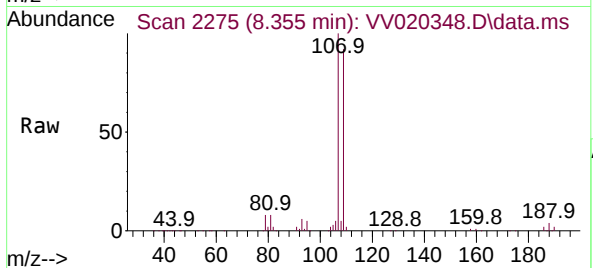
Delta R.T. -0.000 min

Lab File: VV020348.D

Acq: 17 Feb 2021 18:41

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	107	Resp:	223815
Ion	Ratio	Lower	Upper
107	100		
109	91.9	66.2	123.0
188	4.0	2.6	3.8#



#51

Chlorobenzene

Concen: 52.21 ug/L

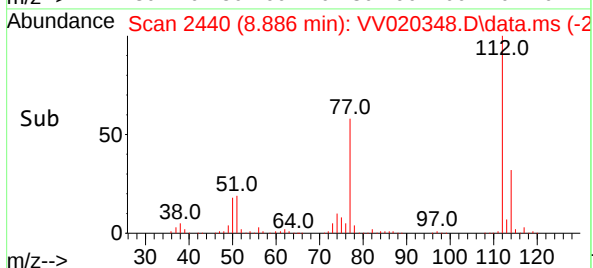
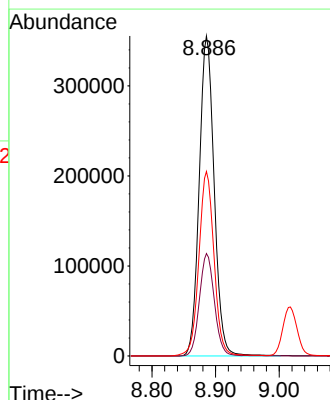
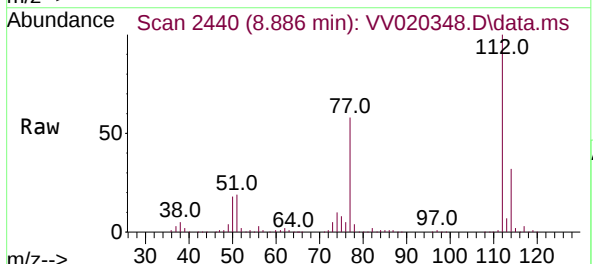
RT: 8.886 min Scan# 2440

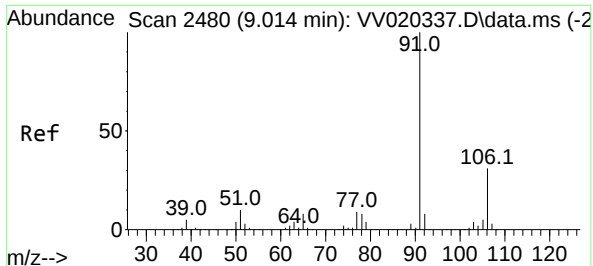
Delta R.T. -0.000 min

Lab File: VV020348.D

Acq: 17 Feb 2021 18:41

Tgt Ion:	112	Resp:	579995
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.2	41.2
77	57.7	49.0	73.6





#52

Ethylbenzene

Concen: 52.93 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.003 min

Lab File: VV020348.D

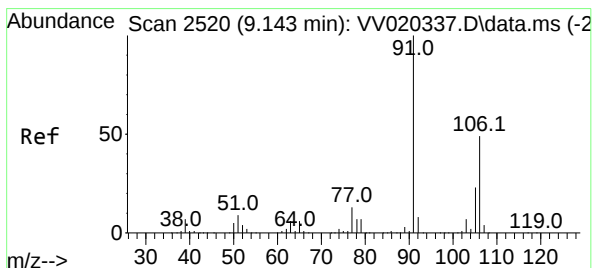
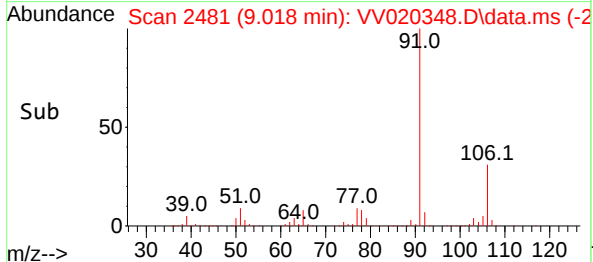
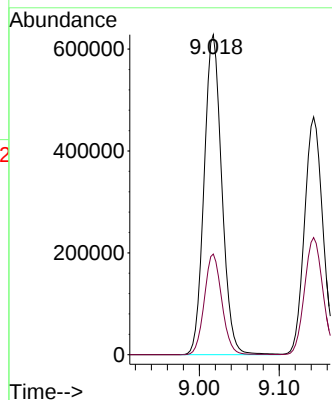
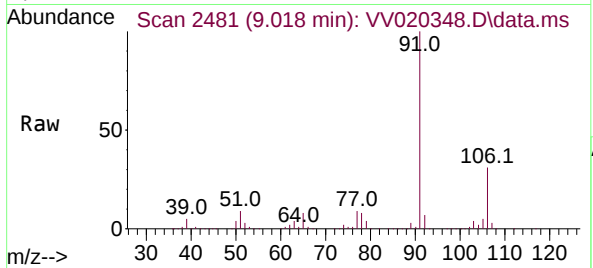
Acq: 17 Feb 2021 18:41

Tgt Ion: 91 Resp: 968101

Ion Ratio Lower Upper

91 100

106 31.4 21.0 39.0



#53

m,p-Xylene

Concen: 52.84 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VV020348.D

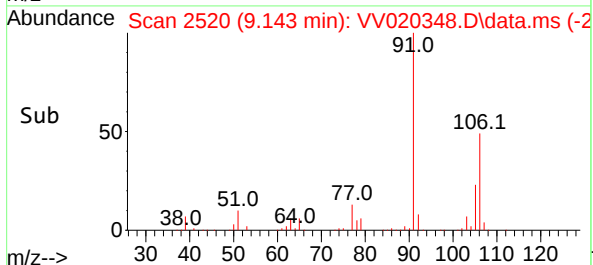
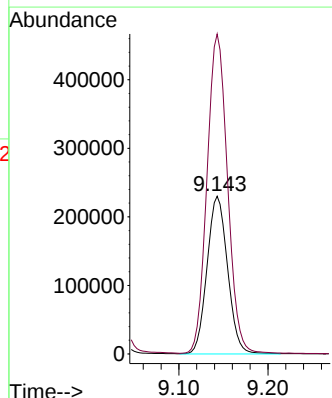
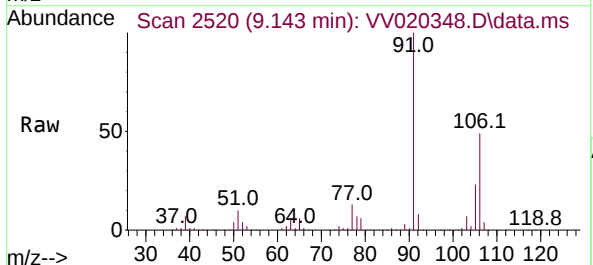
Acq: 17 Feb 2021 18:41

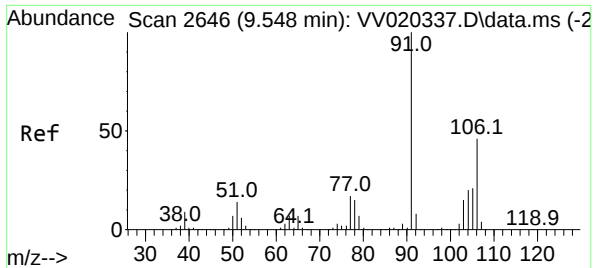
Tgt Ion: 106 Resp: 367975

Ion Ratio Lower Upper

106 100

91 202.8 148.1 275.0

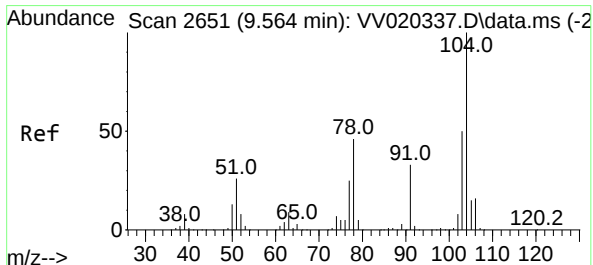
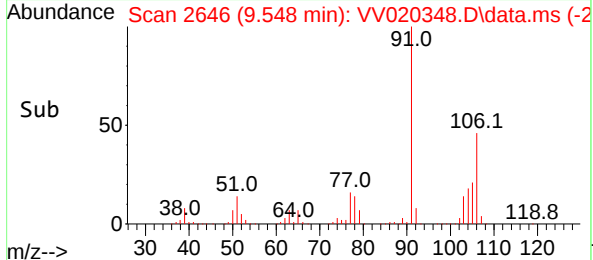
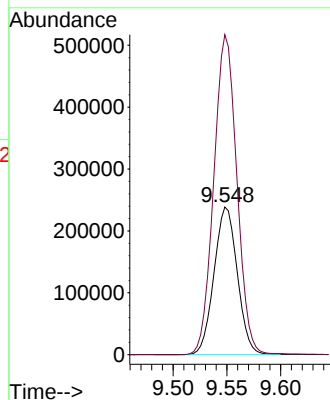
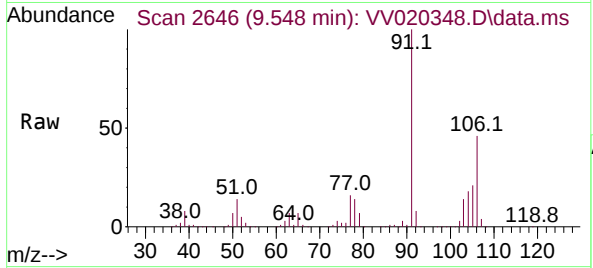




#54
o-xylene
Concen: 53.02 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

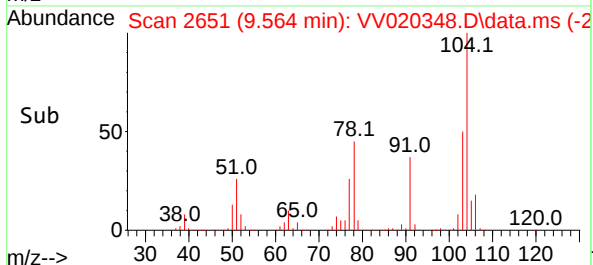
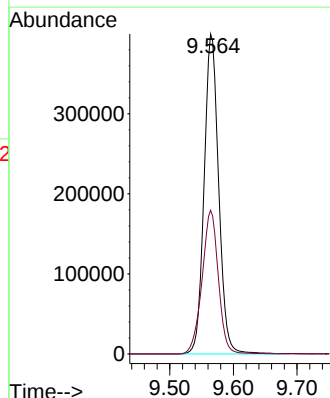
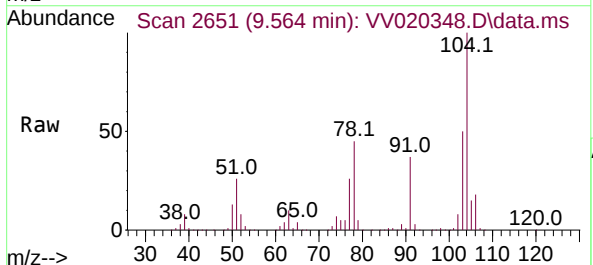
Instrument :
MSVOA_V
ClientSampled :

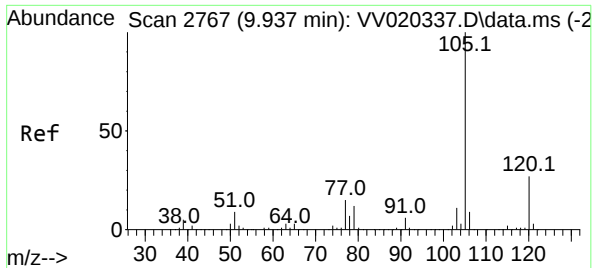
Tgt Ion:106 Resp: 359453
Ion Ratio Lower Upper
106 100
91 216.7 156.4 290.6



#55
Styrene
Concen: 54.49 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion:104 Resp: 635725
Ion Ratio Lower Upper
104 100
78 44.9 33.7 62.5

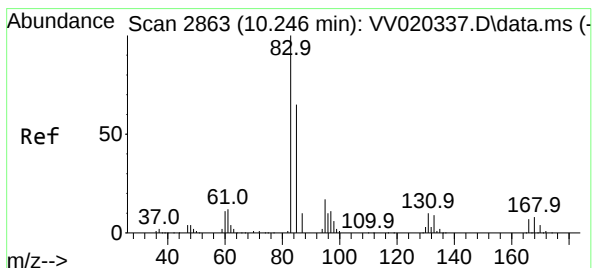
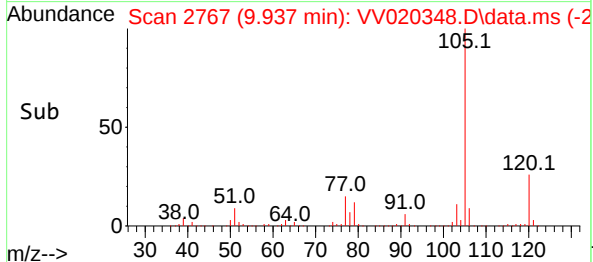
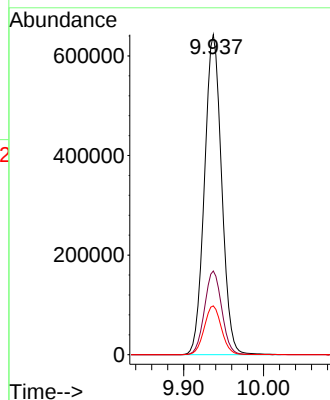
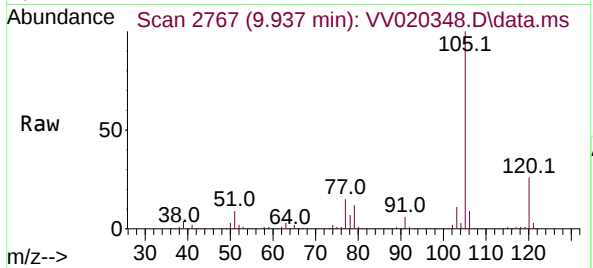




#56
Isopropylbenzene
Concen: 52.82 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

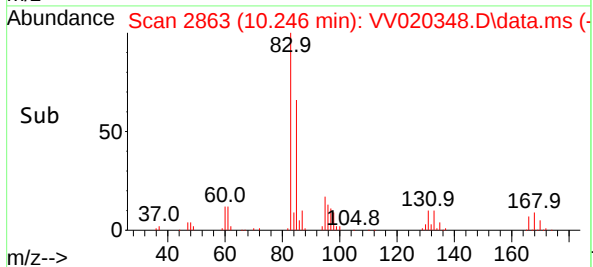
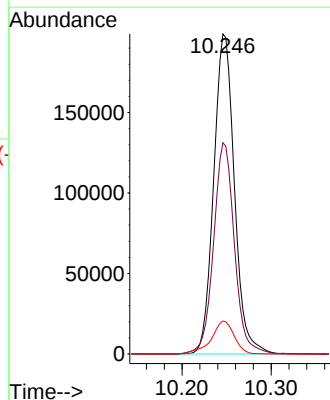
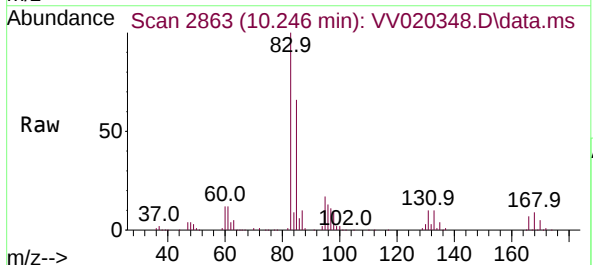
Instrument :
MSVOA_V
ClientSampled :

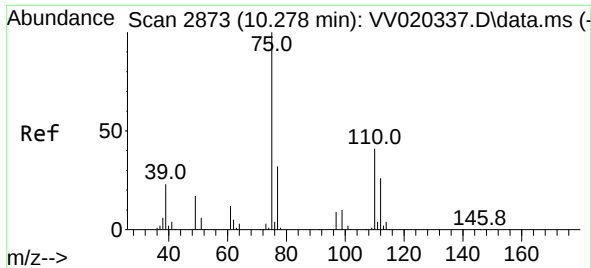
Tgt Ion:105 Resp: 960928
Ion Ratio Lower Upper
105 100
120 26.3 20.5 30.7
77 15.4 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 51.88 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion: 83 Resp: 320791
Ion Ratio Lower Upper
83 100
85 66.0 44.3 82.3
131 10.3 7.3 10.9

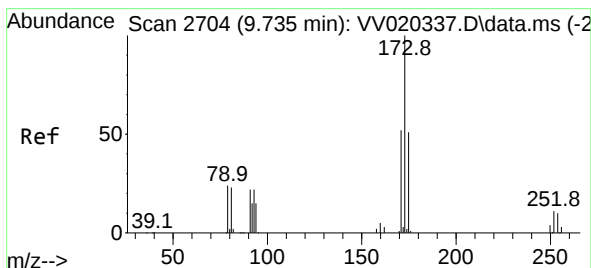
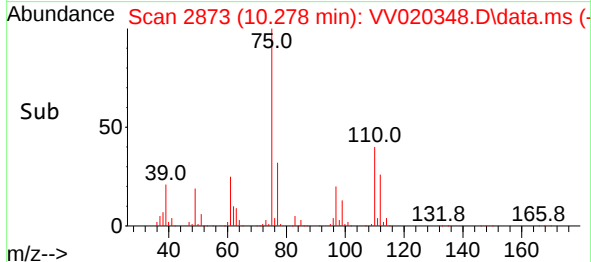
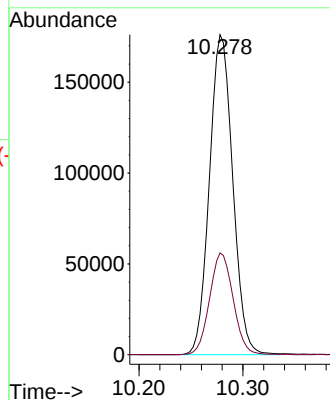
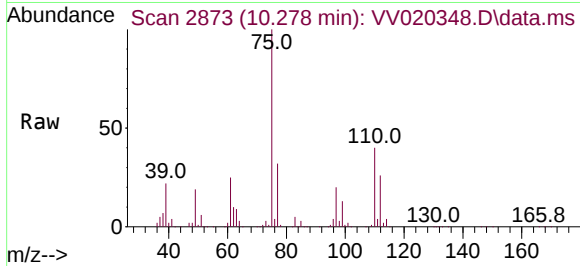




#59
1,2,3-Trichloropropane
Concen: 53.68 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

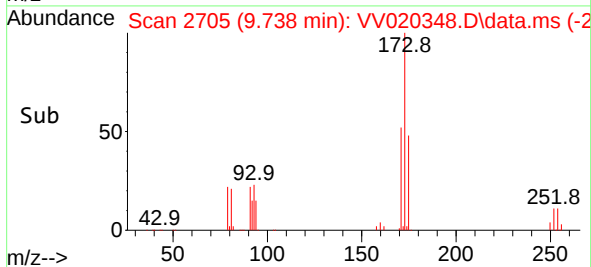
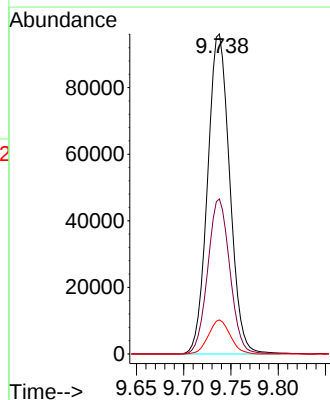
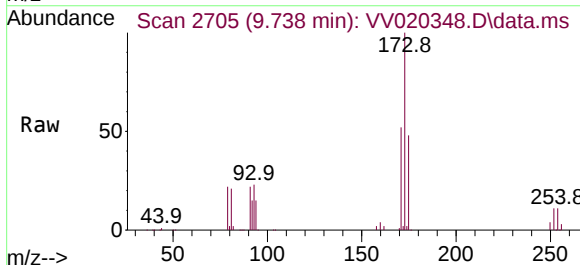
Instrument :
MSVOA_V
ClientSampleId :

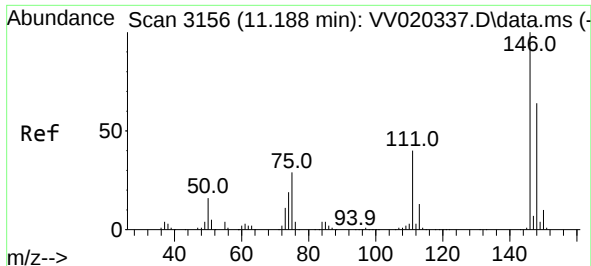
Tgt Ion: 75 Resp: 274465
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0



#61
Bromoform
Concen: 49.90 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion: 173 Resp: 156623
Ion Ratio Lower Upper
173 100
175 48.4 38.6 57.8
254 10.4 6.5 9.7#

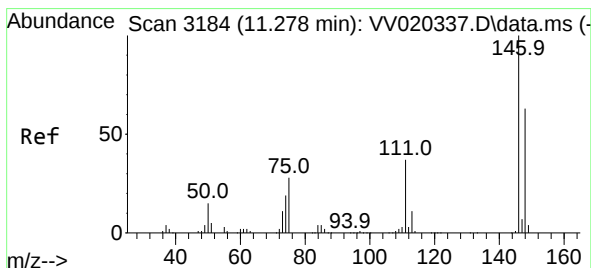
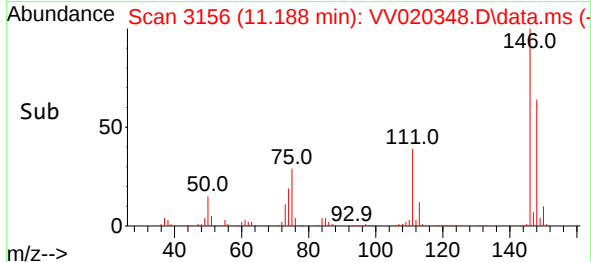
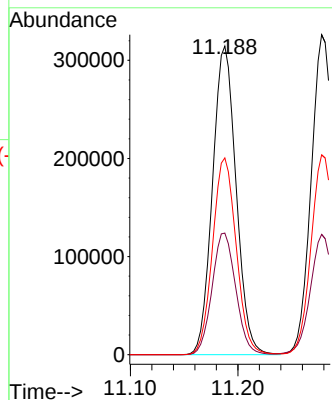
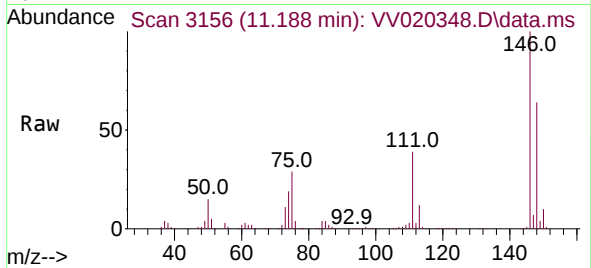




#62
1,3-Dichlorobenzene
Concen: 52.58 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

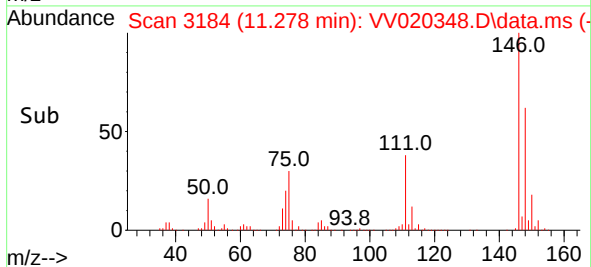
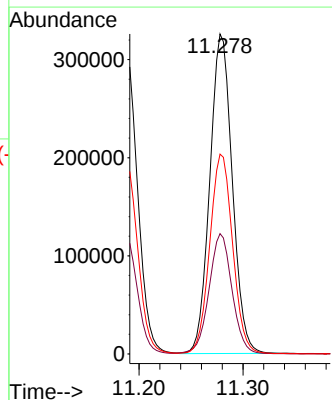
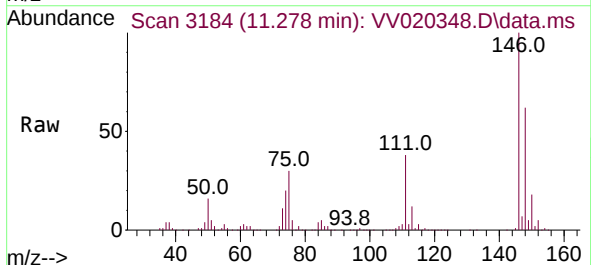
Instrument :
MSVOA_V
ClientSampleId :

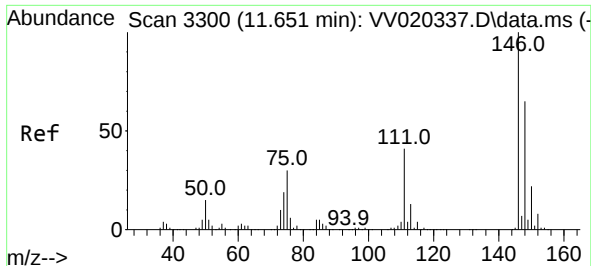
Tgt Ion:146 Resp: 479809
Ion Ratio Lower Upper
146 100
111 39.4 30.2 56.2
148 63.7 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 52.22 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion:146 Resp: 488607
Ion Ratio Lower Upper
146 100
111 37.6 29.4 54.6
148 62.4 44.7 83.1

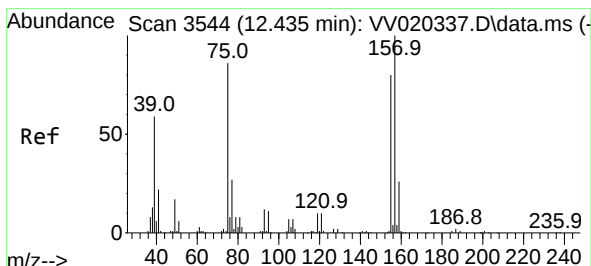
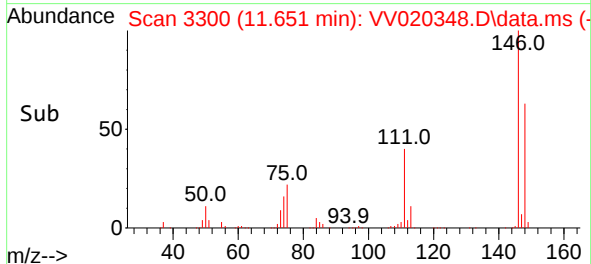
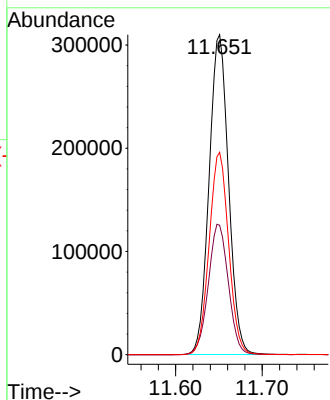
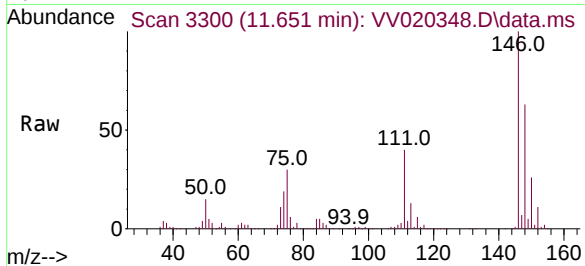




#65
1,2-Dichlorobenzene
Concen: 53.05 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. -0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

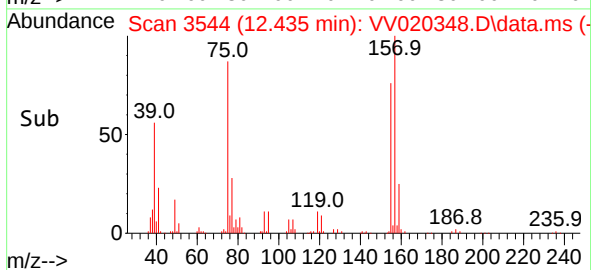
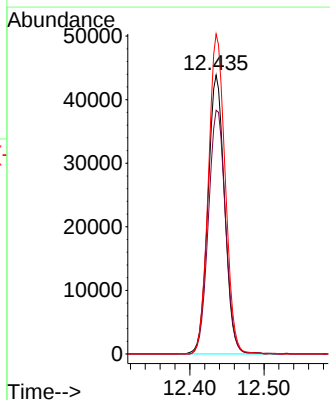
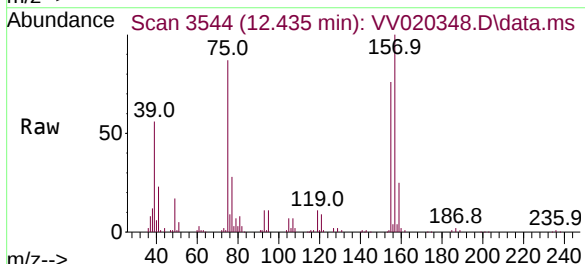
Instrument :
MSVOA_V
ClientSampled :

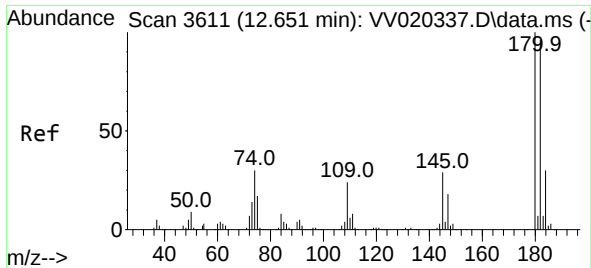
Tgt Ion:146 Resp: 483342
Ion Ratio Lower Upper
146 100
111 40.5 36.3 54.5
148 63.2 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 48.67 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion: 75 Resp: 68024
Ion Ratio Lower Upper
75 100
155 87.4 59.1 88.7
157 114.7 75.4 113.0#

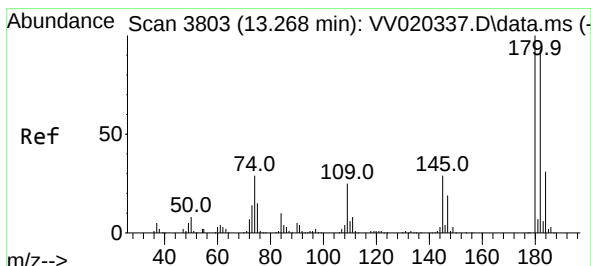
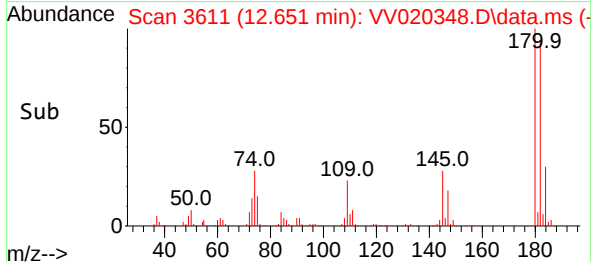
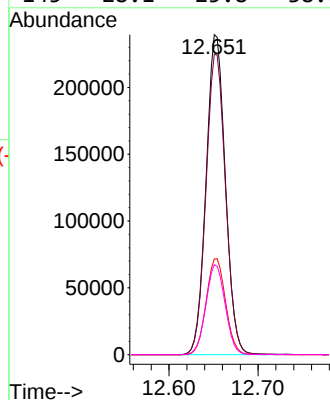
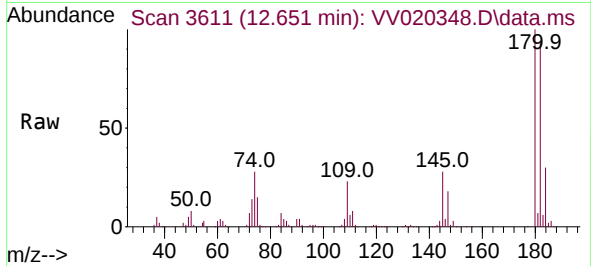




#67
1,3,5-Trichlorobenzene
Concen: 50.47 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

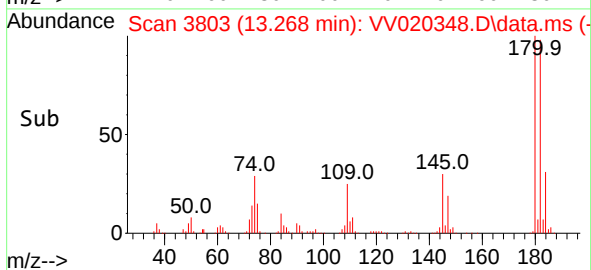
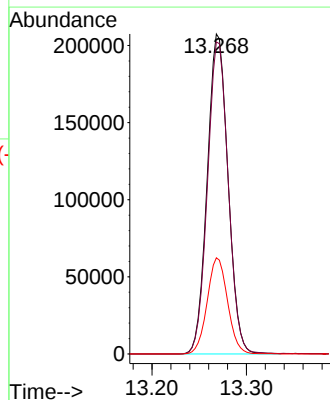
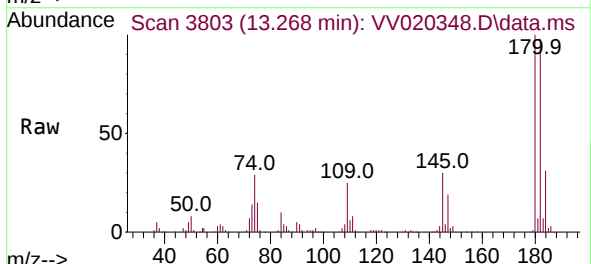
Instrument :
MSVOA_V
ClientSampled :

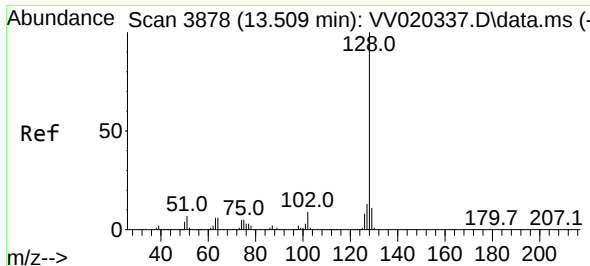
Tgt Ion:180 Resp: 359613
Ion Ratio Lower Upper
180 100
182 95.4 75.0 112.6
184 30.2 24.0 36.0
145 28.1 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 50.14 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion:180 Resp: 317058
Ion Ratio Lower Upper
180 100
182 97.2 75.1 112.7
145 29.6 26.8 40.2

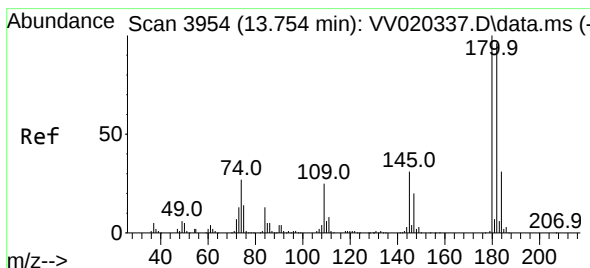
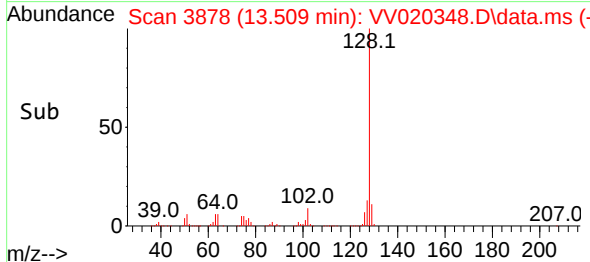
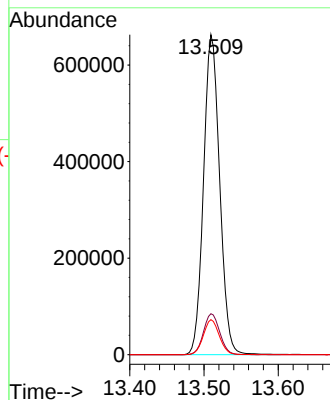
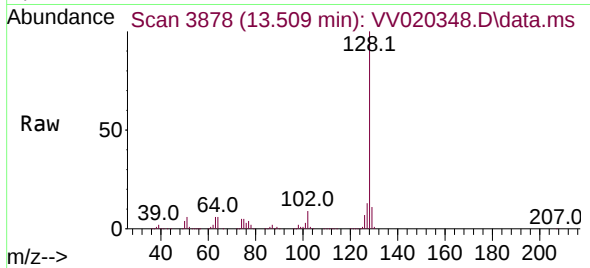




#69
Naphthalene
Concen: 55.26 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1000567
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 51.91 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.000 min
Lab File: VV020348.D
Acq: 17 Feb 2021 18:41

Tgt Ion:180 Resp: 326746
Ion Ratio Lower Upper
180 100
182 95.5 76.1 114.1
145 31.2 27.9 41.9

