

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012621\
 Data File : VW020168.D
 Acq On : 25 Jan 2021 23:31
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 26 05:50:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 25 18:17:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	395296	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	440469	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.254	152	193014	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	172589	55.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.02%
7) Chloroethane-d5	1.569	69	140286	58.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.24%
11) 1,1-Dichloroethene-d2	2.110	63	297708	53.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.26%
21) 2-Butanone-d5	3.885	46	220138	114.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.23%
24) Chloroform-d	4.351	84	293889	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.30%
26) 1,2-Dichloroethane-d4	5.036	65	202162	56.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.36%
32) Benzene-d6	5.055	84	519907	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
36) 1,2-Dichloropropane-d6	6.074	67	180762	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.04%
41) Toluene-d8	7.318	98	476375	44.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.76%
43) trans-1,3-Dichloroprop...	7.624	79	84088	47.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.30%
47) 2-Hexanone-d5	8.090	63	162239	101.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.32%
56) 1,1,2,2-Tetrachloroeth...	10.222	84	248701	46.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.76%
66) 1,2-Dichlorobenzene-d4	11.630	152	194019	52.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.70%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	139230	50.68	ug/L	99
3) Chloromethane	1.242	50	195247	53.54	ug/L	100
5) Vinyl chloride	1.312	62	171396	56.05	ug/L	100
6) Bromomethane	1.524	94	87352	64.36	ug/L	98
8) Chloroethane	1.586	64	114117	60.51	ug/L	99
9) Trichlorofluoromethane	1.753	101	225969	52.44	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	123076	50.72	ug/L	96
12) 1,1-Dichloroethene	2.119	96	124209	52.81	ug/L	97
13) Acetone	2.177	43	160057	112.91	ug/L	99
14) Carbon disulfide	2.296	76	316740	51.05	ug/L	100
15) Methyl Acetate	2.431	43	154879	56.52	ug/L	98
16) Methylene chloride	2.508	84	141434	56.34	ug/L	96
17) trans-1,2-Dichloroethene	2.762	96	123531	54.51	ug/L	99
18) Methyl tert-butyl Ether	2.769	73	443873	57.45	ug/L	99
19) 1,1-Dichloroethane	3.193	63	250970	54.32	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	140931	54.88	ug/L	100
22) 2-Butanone	3.968	43	222307	116.72	ug/L	95
23) Bromochloromethane	4.254	128	76428	59.17	ug/L	94
25) Chloroform	4.380	83	269959	56.44	ug/L	99

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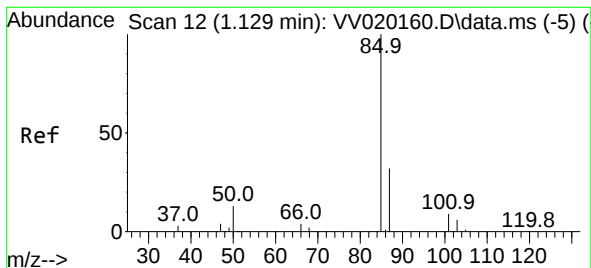
Quant Time: Jan 26 05:50:31 2021
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	232849	57.15	ug/L	100
29) Cyclohexane	4.682	56	181949	44.67	ug/L	100
30) 1,1,1-Trichloroethane	4.614	97	226478	46.86	ug/L	98
31) Carbon tetrachloride	4.833	117	181710	44.62	ug/L	98
33) Benzene	5.103	78	531040	45.43	ug/L	100
34) Trichloroethene	5.917	95	142243	45.80	ug/L	97
35) Methylcyclohexane	6.135	83	215527	48.65	ug/L	99
37) 1,2-Dichloropropane	6.177	63	164327	54.48	ug/L	98
38) Bromodichloromethane	6.515	83	222948	52.79	ug/L	97
39) cis-1,3-Dichloropropene	7.029	75	218489	45.79	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	455436	99.11	ug/L	99
42) Toluene	7.392	91	558024	45.70	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	221917	48.50	ug/L	98
45) 1,1,2-Trichloroethane	7.843	97	144771	49.95	ug/L	97
46) Tetrachloroethene	7.981	164	97740	43.79	ug/L	95
48) 2-Hexanone	8.142	43	387414	113.99	ug/L	99
49) Dibromochloromethane	8.251	129	173445	52.64	ug/L	100
50) 1,2-Dibromoethane	8.357	107	173653	52.33	ug/L	98
51) Chlorobenzene	8.888	112	419077	50.99	ug/L	99
52) Ethylbenzene	9.016	91	689963	50.22	ug/L	99
53) m,p-Xylene	9.142	106	261494	50.32	ug/L	99
54) o-Xylene	9.550	106	259764	50.09	ug/L	98
55) Styrene	9.566	104	466965	51.62	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.248	83	240803	47.68	ug/L	98
59) Bromoform	9.736	173	119726	57.38	ug/L #	99
60) Isopropylbenzene	9.936	105	653965	53.69	ug/L	100
61) 1,2,3-Trichloropropane	10.280	75	198232	54.96	ug/L	97
62) 1,3,5-Trimethylbenzene	10.543	105	506101	49.87	ug/L	99
63) 1,2,4-Trimethylbenzene	10.920	105	522390	52.39	ug/L	99
64) 1,3-Dichlorobenzene	11.186	146	285112	50.14	ug/L	98
65) 1,4-Dichlorobenzene	11.280	146	292194	50.83	ug/L	98
67) 1,2-Dichlorobenzene	11.649	146	301429	54.05	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.434	75	63379	62.26	ug/L	97
69) 1,3,5-Trichlorobenzene	12.653	180	244742	58.54	ug/L	98
70) 1,2,4-trichlorobenzene	13.270	180	216250	54.31	ug/L	98
71) Naphthalene	13.511	128	698968	53.72	ug/L	99
72) 1,2,3-Trichlorobenzene	13.752	180	198240	47.72	ug/L	97

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

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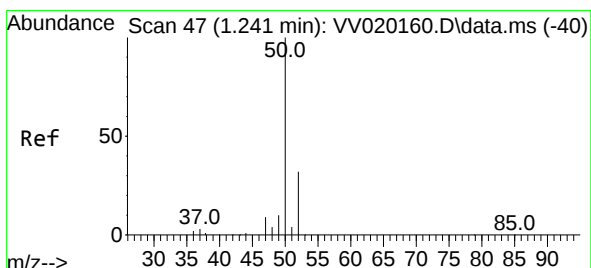
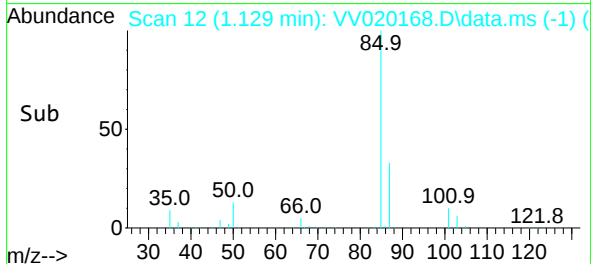
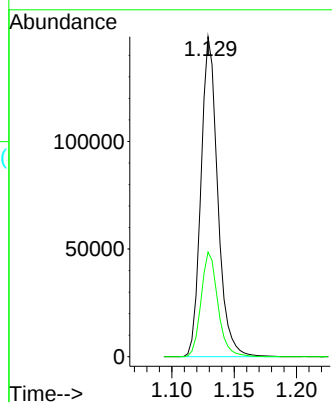
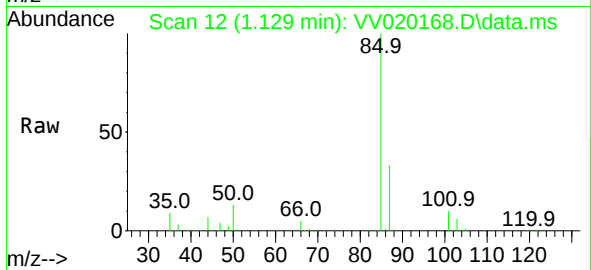




#2
Dichlorodifluoromethane
Concen: 50.68 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

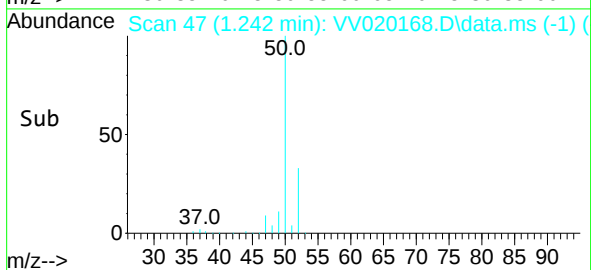
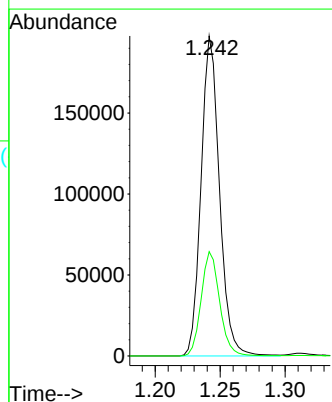
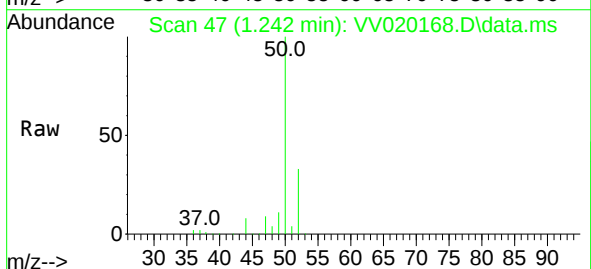
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MSVOA_V
ClientSampled :

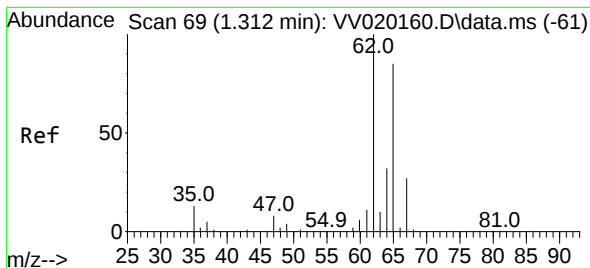
Tgt Ion: 85 Resp: 139230
Ion Ratio Lower Upper
85 100
87 32.7 25.9 38.9



#3
Chloromethane
Concen: 53.54 ug/L
RT: 1.242 min Scan# 47
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion: 50 Resp: 195247
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.6

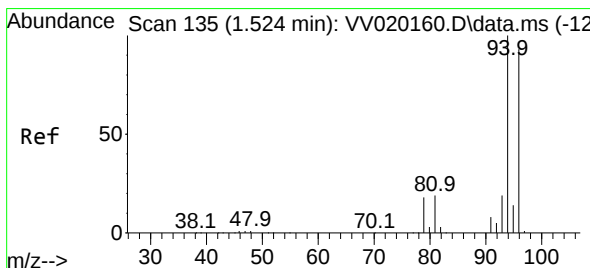
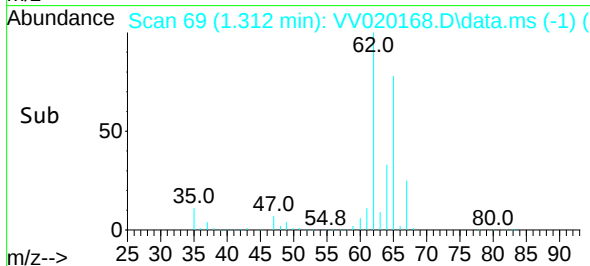
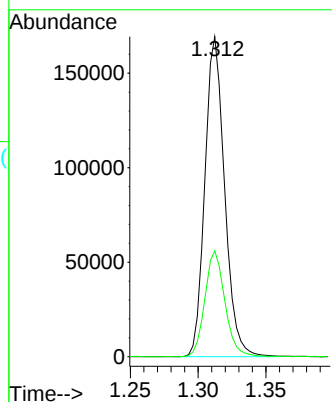
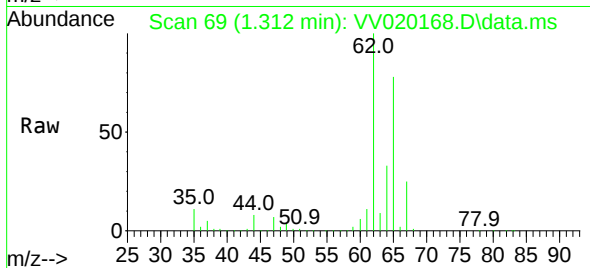




#5
 Vinyl chloride
 Concen: 56.05 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020168.D
 Acq: 25 Jan 2021 23:31

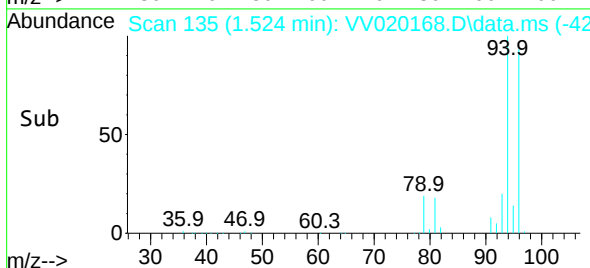
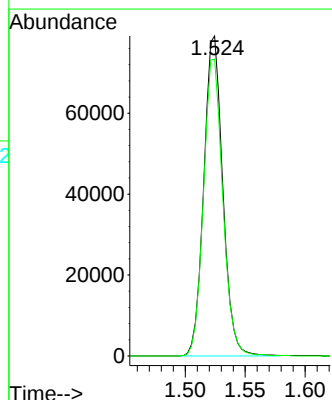
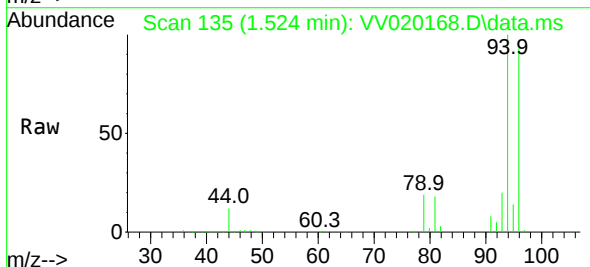
Instrument :
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 ClientSampled :

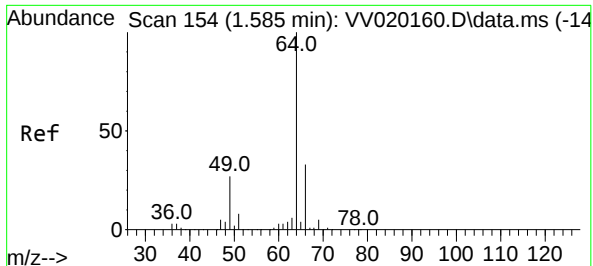
Tgt Ion: 62 Resp: 171396
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.3 43.3



#6
 Bromomethane
 Concen: 64.36 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. 0.000 min
 Lab File: VV020168.D
 Acq: 25 Jan 2021 23:31

Tgt Ion: 94 Resp: 87352
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.4 123.2

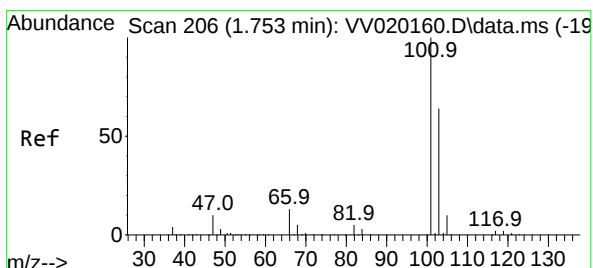
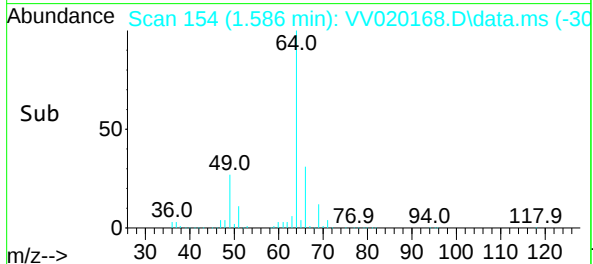
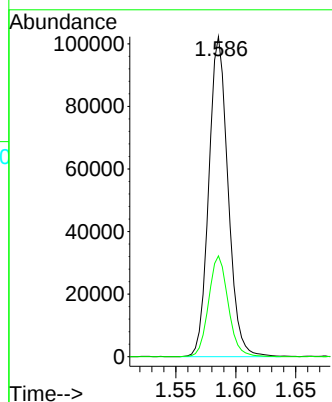
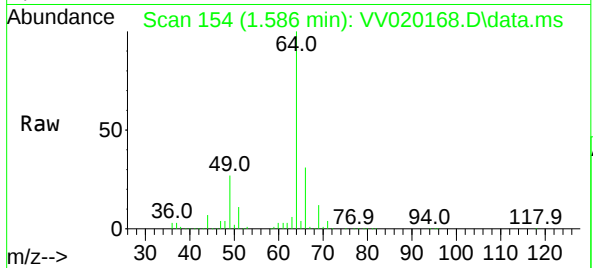




#8
Chloroethane
Concen: 60.51 ug/L
RT: 1.586 min Scan# 154
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

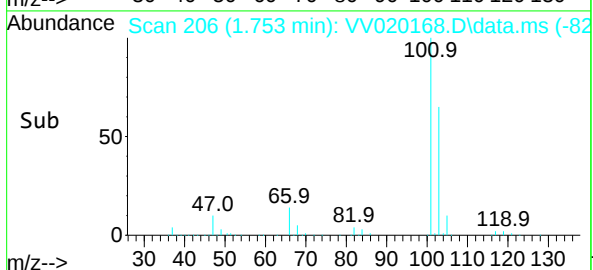
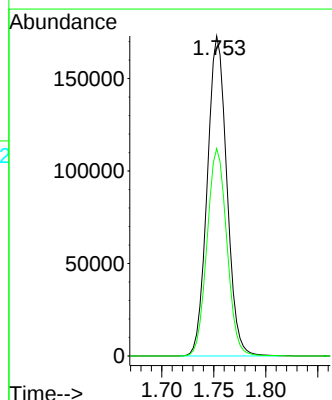
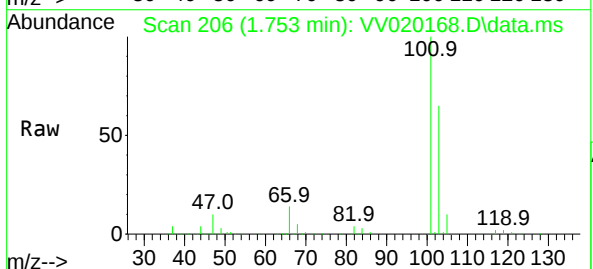
Instrument :
MSVOA_V
ClientSampled :

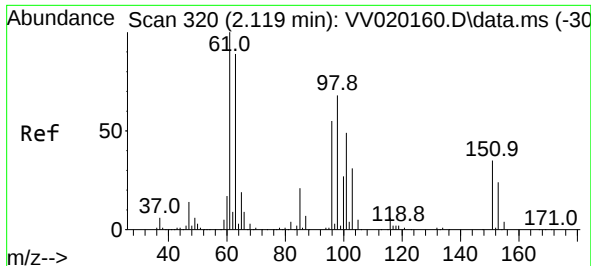
Tgt Ion: 64 Resp: 114117
Ion Ratio Lower Upper
64 100
66 31.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 52.44 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion:101 Resp: 225969
Ion Ratio Lower Upper
101 100
103 65.5 52.3 78.5





#10

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

Concen: 50.72 ug/L

RT: 2.119 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV020168.D

Acq: 25 Jan 2021 23:31

Tgt Ion:101 Resp: 123076

Ion Ratio Lower Upper

101 100

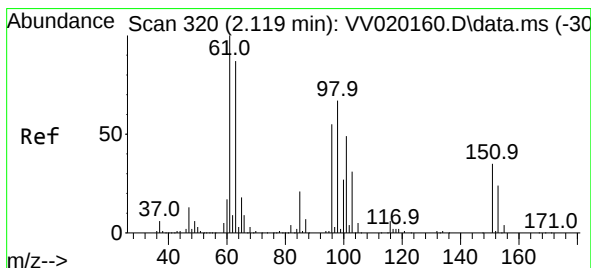
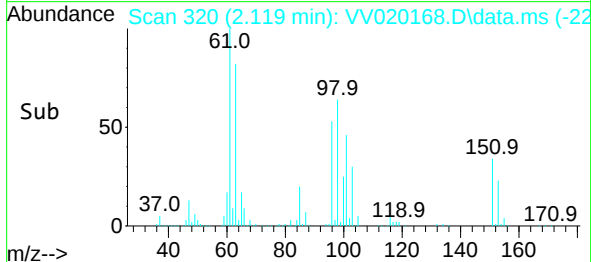
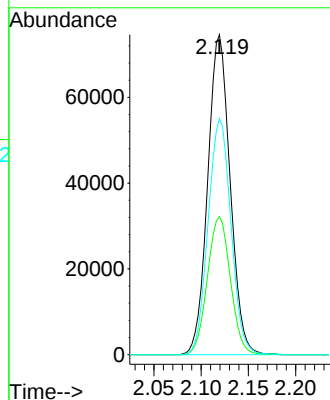
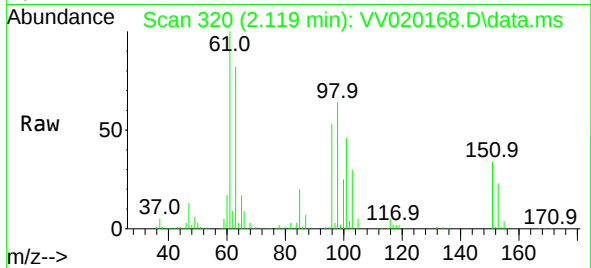
85 44.3 35.6 53.4

151 75.3 64.1 96.1

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 52.81 ug/L

RT: 2.119 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV020168.D

Acq: 25 Jan 2021 23:31

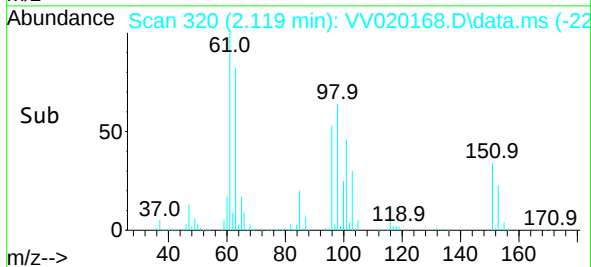
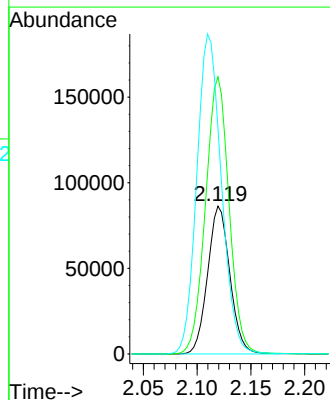
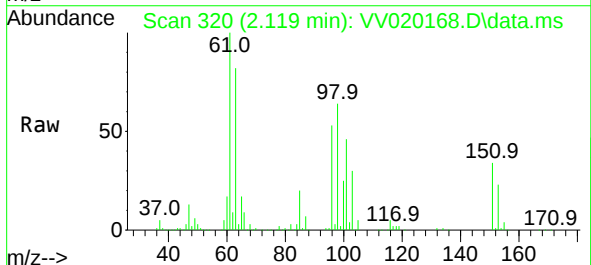
Tgt Ion: 96 Resp: 124209

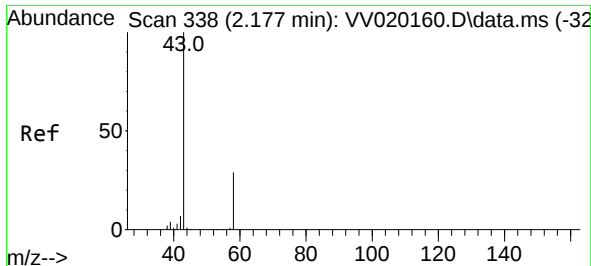
Ion Ratio Lower Upper

96 100

61 187.4 133.6 248.0

63 152.8 103.0 191.2

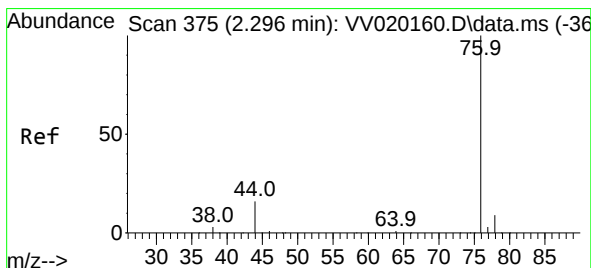
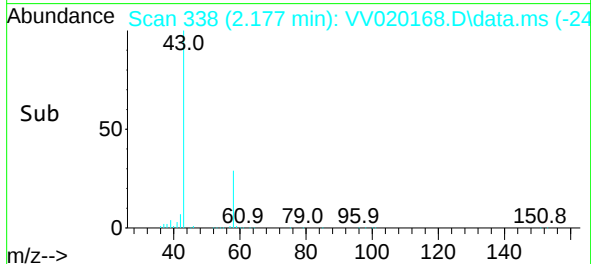
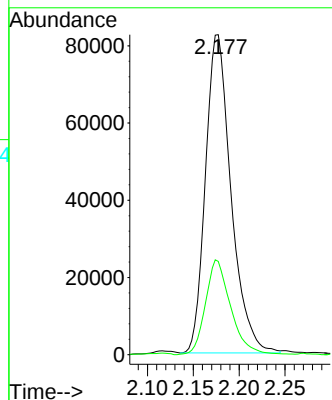
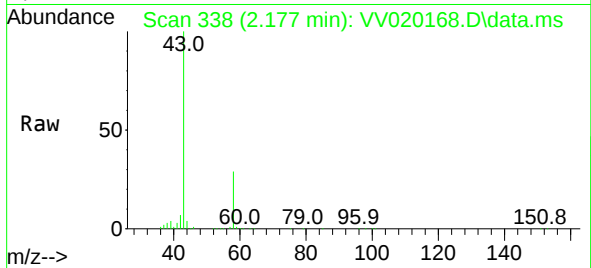




#13
Acetone
Concen: 112.91 ug/L
RT: 2.177 min Scan# 338
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

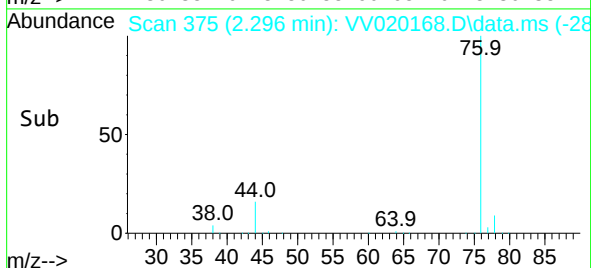
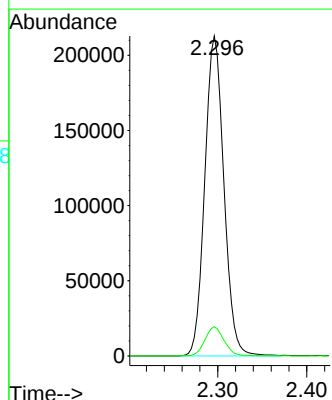
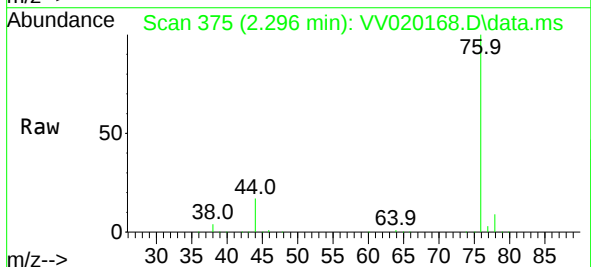
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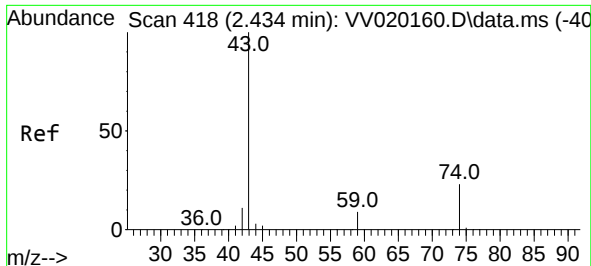
Tgt Ion: 43 Resp: 160057
Ion Ratio Lower Upper
43 100
58 29.4 0.0 57.8



#14
Carbon disulfide
Concen: 51.05 ug/L
RT: 2.296 min Scan# 375
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion: 76 Resp: 316740
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

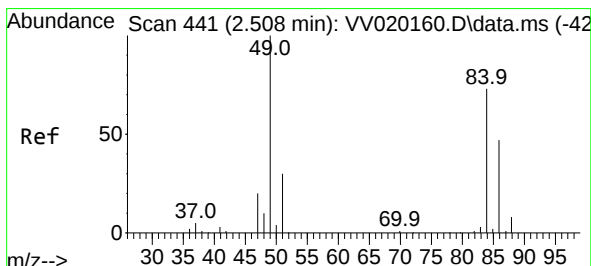
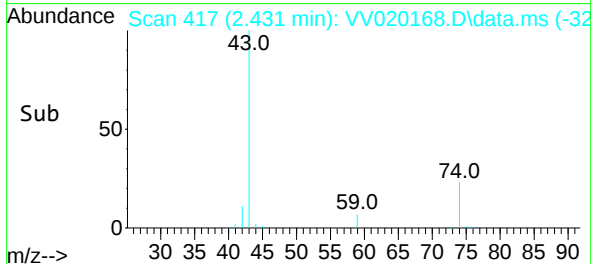
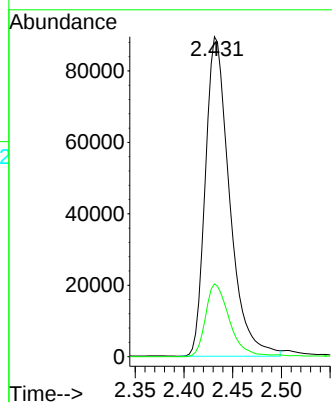
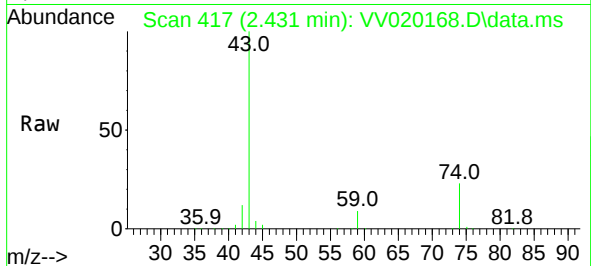




#15
Methyl Acetate
Concen: 56.52 ug/L
RT: 2.431 min Scan# 417
Delta R.T. -0.003 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

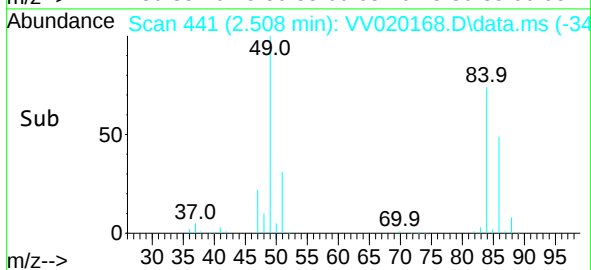
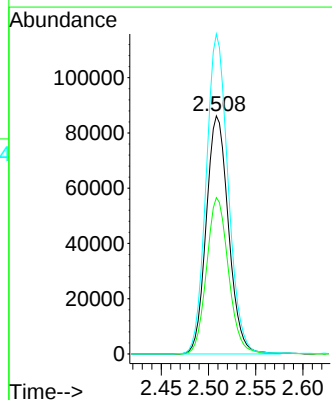
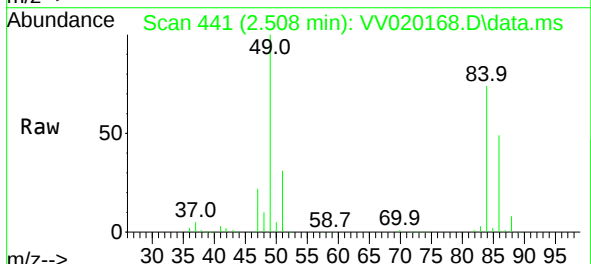
Instrument :
MSVOA_V
ClientSampled :

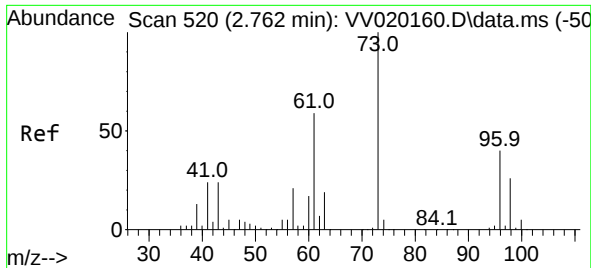
Tgt Ion: 43 Resp: 154879
Ion Ratio Lower Upper
43 100
74 22.4 18.8 28.2



#16
Methylene chloride
Concen: 56.34 ug/L
RT: 2.508 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion: 84 Resp: 141434
Ion Ratio Lower Upper
84 100
86 65.6 45.6 84.8
49 134.4 89.3 165.9

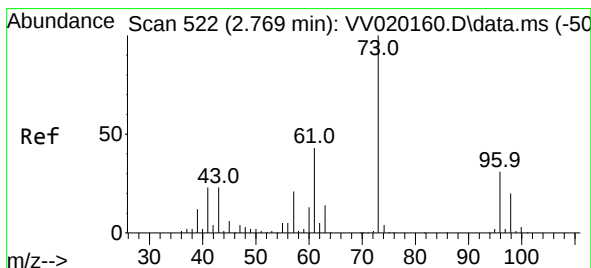
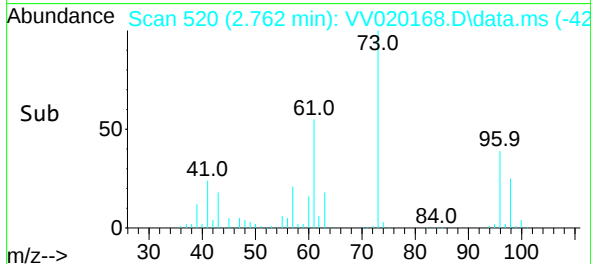
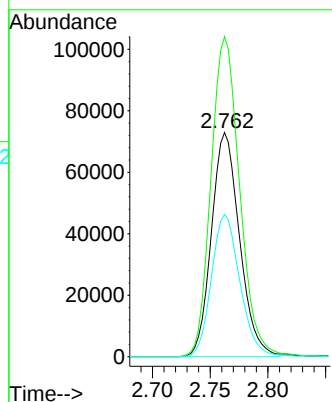
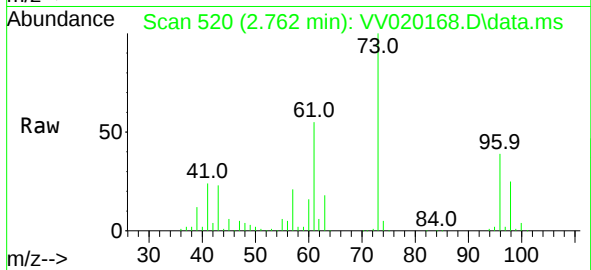




#17
trans-1,2-Dichloroethene
Concen: 54.51 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

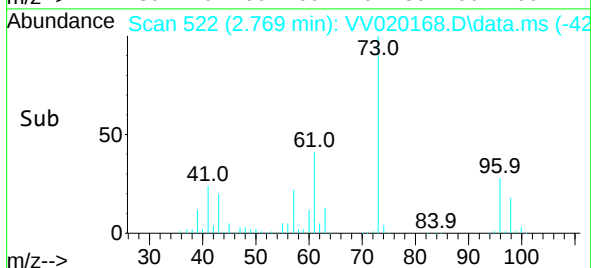
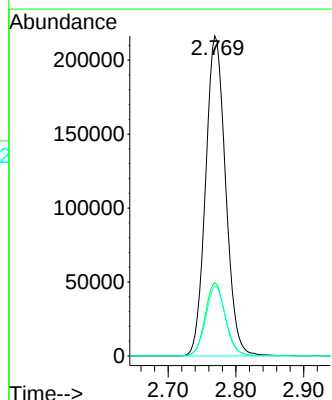
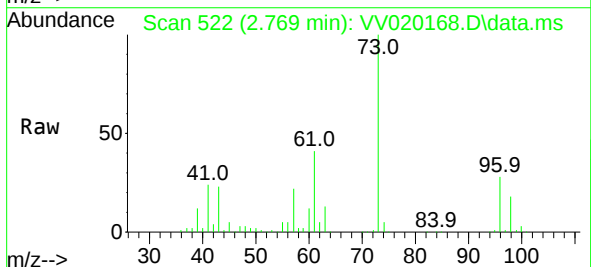
Instrument :
MSVOA_V
ClientSampled :

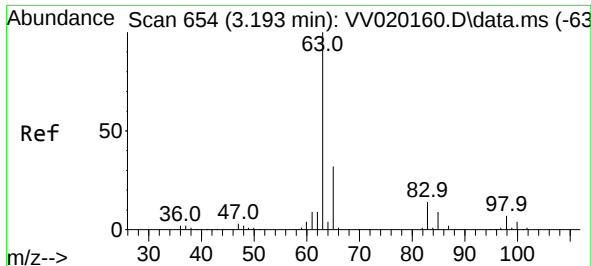
Tgt Ion: 96 Resp: 123531
Ion Ratio Lower Upper
96 100
61 142.8 100.7 187.1
98 63.5 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 57.45 ug/L
RT: 2.769 min Scan# 522
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion: 73 Resp: 443873
Ion Ratio Lower Upper
73 100
43 22.7 17.9 26.9
57 21.7 17.1 25.7





#19

1,1-Dichloroethane

Concen: 54.32 ug/L

RT: 3.193 min Scan# 654

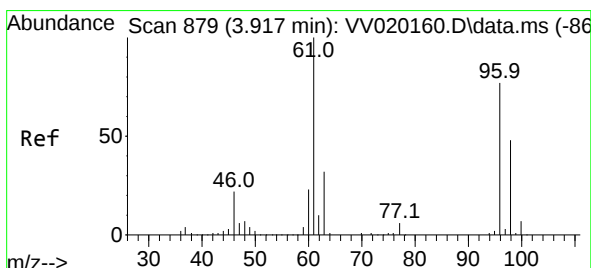
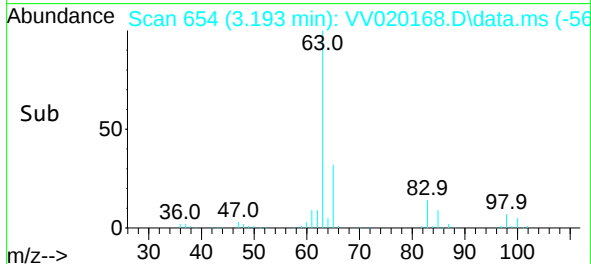
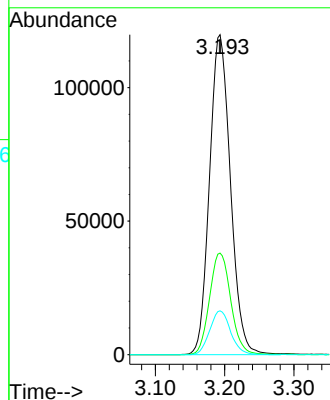
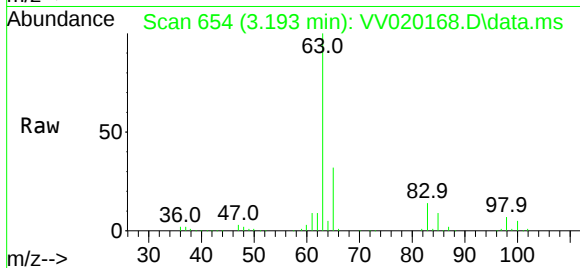
Delta R.T. 0.000 min

Lab File: VV020168.D

Acq: 25 Jan 2021 23:31

Tgt Ion: 63 Resp: 250970

Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.8	40.6
83	13.7	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 54.88 ug/L

RT: 3.917 min Scan# 879

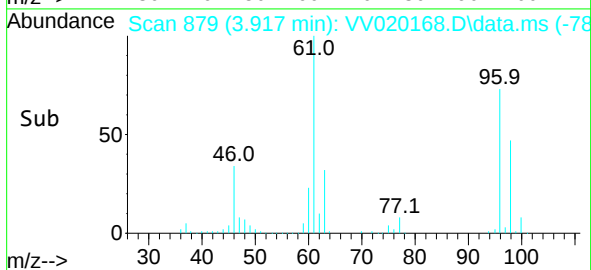
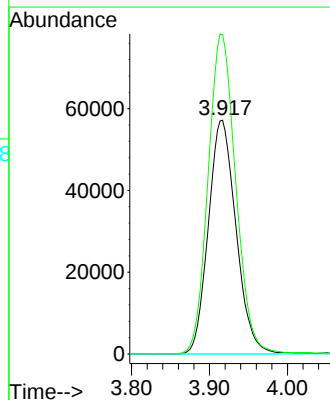
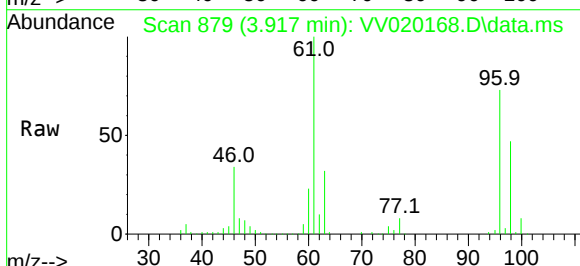
Delta R.T. 0.000 min

Lab File: VV020168.D

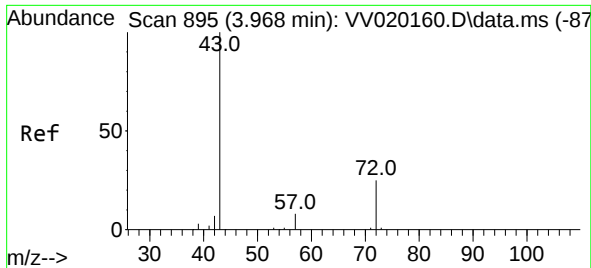
Acq: 25 Jan 2021 23:31

Tgt Ion: 96 Resp: 140931

Ion	Ratio	Lower	Upper
96	100		
61	136.5	95.6	177.6
68	0.0	0.0	0.0

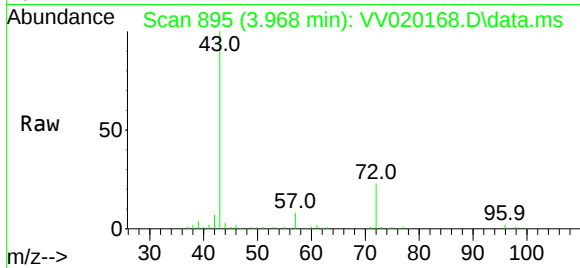


Instrument :
MSVOA_V
ClientSampleId :

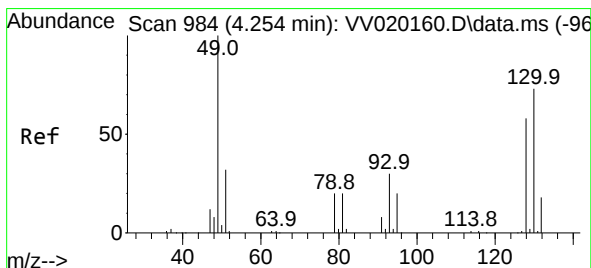
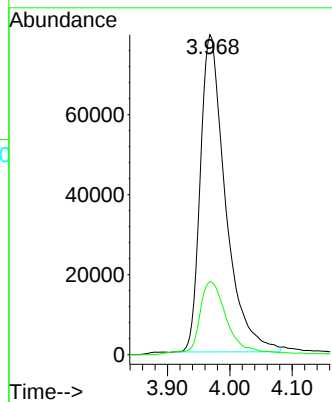
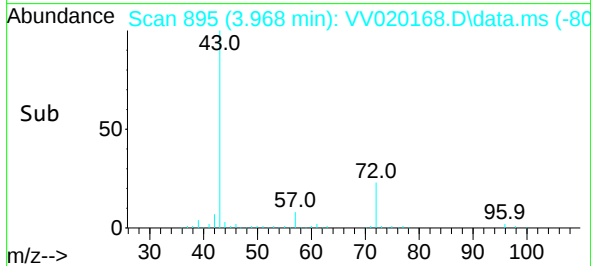


#22
2-Butanone
Concen: 116.72 ug/L
RT: 3.968 min Scan# 895
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

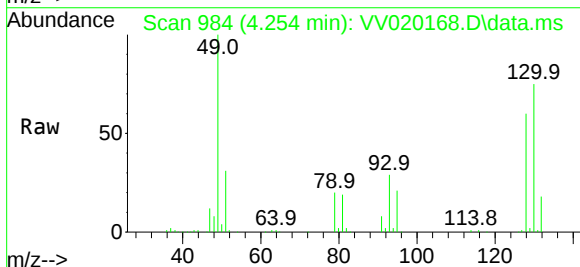
Instrument :
MSVOA_V
ClientSampled :



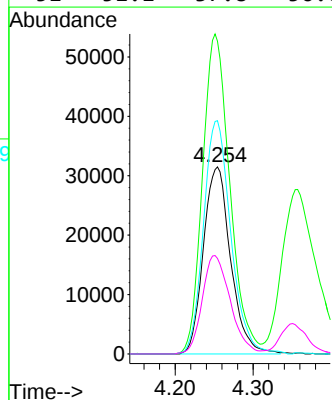
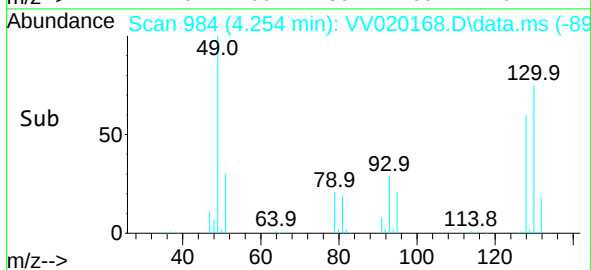
Tgt Ion: 43 Resp: 222307
Ion Ratio Lower Upper
43 100
72 22.6 12.7 38.0

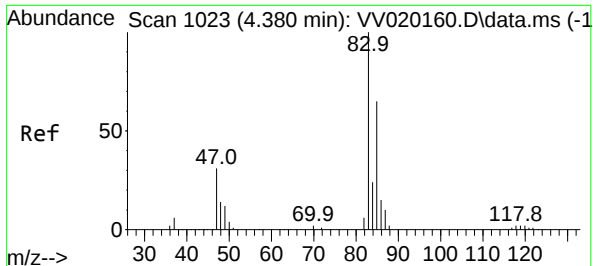


#23
Bromochloromethane
Concen: 59.17 ug/L
RT: 4.254 min Scan# 984
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31



Tgt Ion: 128 Resp: 76428
Ion Ratio Lower Upper
128 100
49 167.3 108.8 202.2
130 124.8 88.5 164.3
51 51.1 37.8 56.6

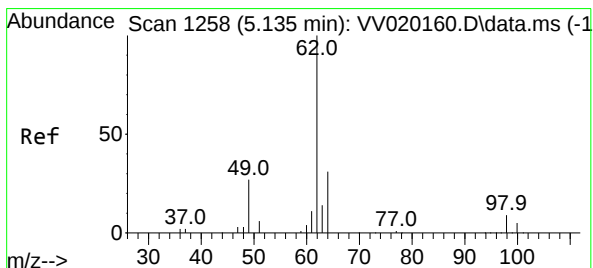
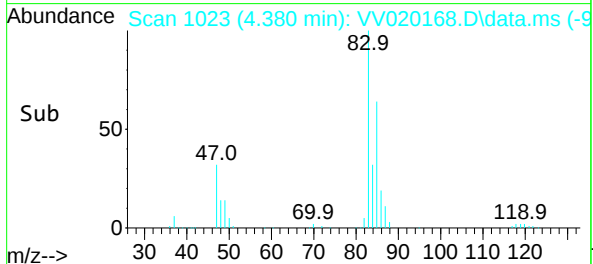
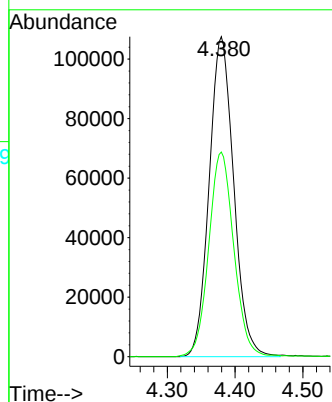
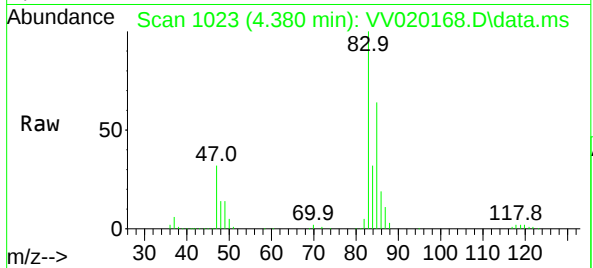




#25
Chloroform
Concen: 56.44 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

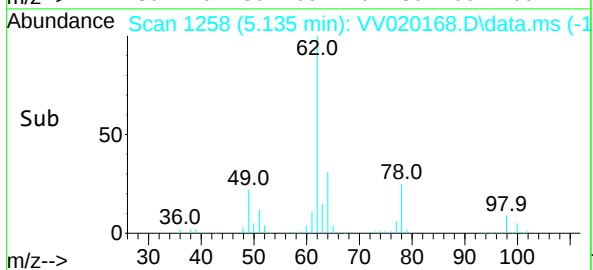
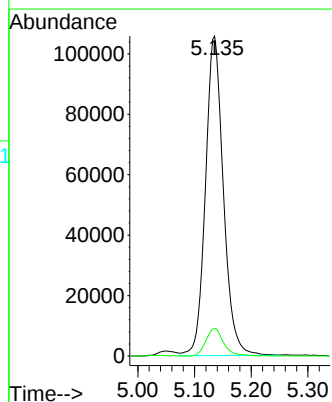
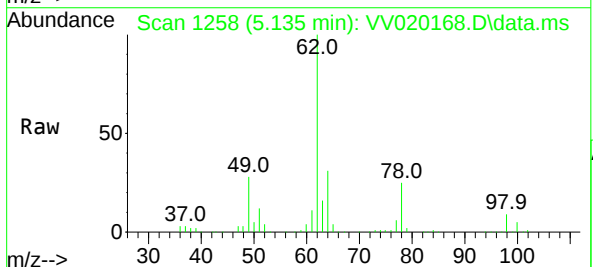
Instrument :
MSVOA_V
ClientSampled :

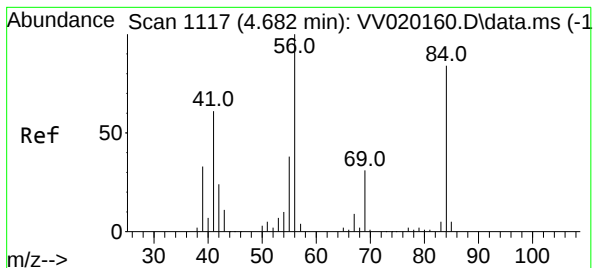
Tgt Ion: 83 Resp: 269959
Ion Ratio Lower Upper
83 100
85 64.0 45.4 84.4



#27
1,2-Dichloroethane
Concen: 57.15 ug/L
RT: 5.135 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion: 62 Resp: 232849
Ion Ratio Lower Upper
62 100
98 8.6 6.8 10.2





#29

Cyclohexane

Concen: 44.67 ug/L

RT: 4.682 min Scan# 1117

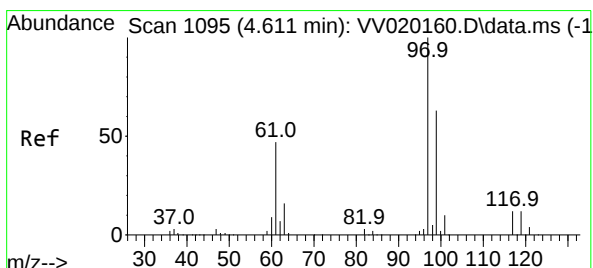
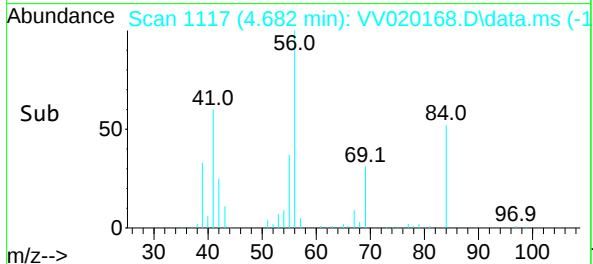
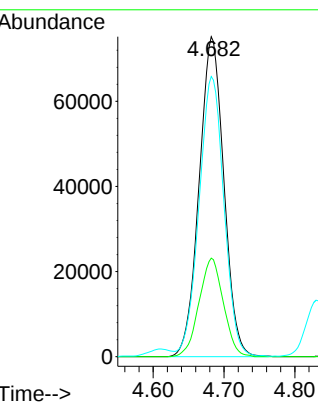
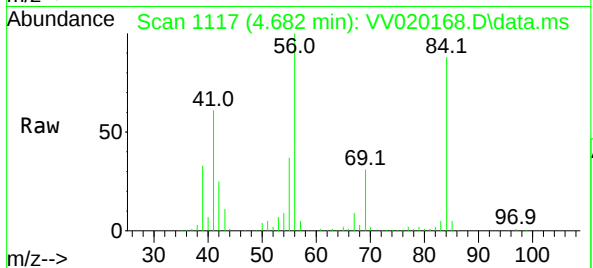
Delta R.T. 0.000 min

Lab File: VV020168.D

Acq: 25 Jan 2021 23:31

Tgt Ion: 56 Resp: 181949

Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.6	36.8
84	88.3	70.5	105.7



#30

1,1,1-Trichloroethane

Concen: 46.86 ug/L

RT: 4.614 min Scan# 1096

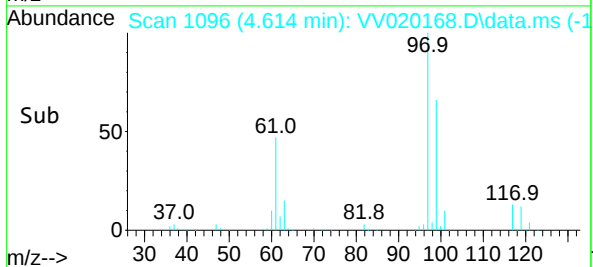
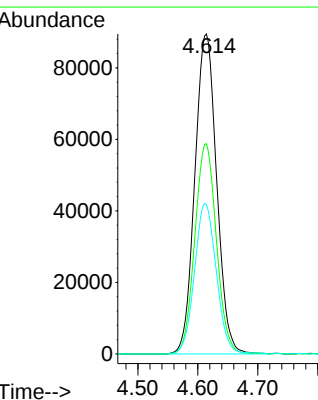
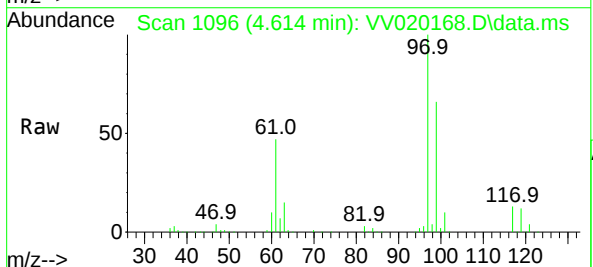
Delta R.T. 0.003 min

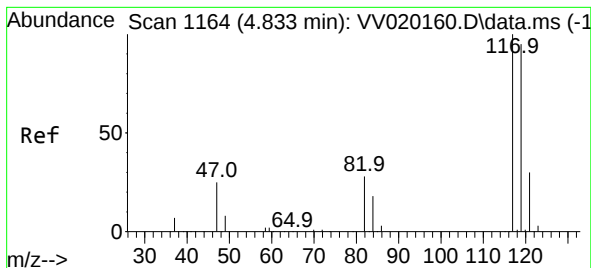
Lab File: VV020168.D

Acq: 25 Jan 2021 23:31

Tgt Ion: 97 Resp: 226478

Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.0	78.0
61	47.1	35.3	52.9

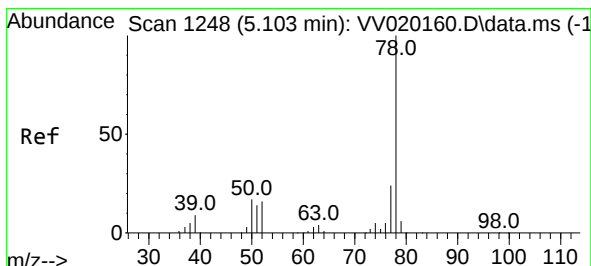
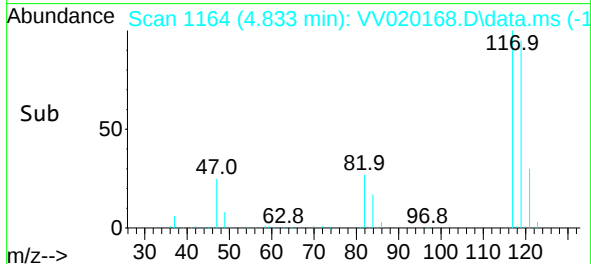
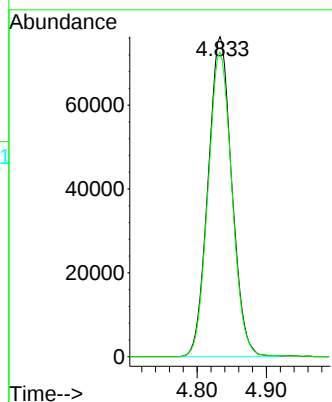
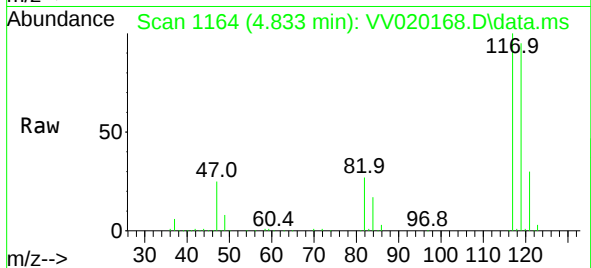




#31
Carbon tetrachloride
Concen: 44.62 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

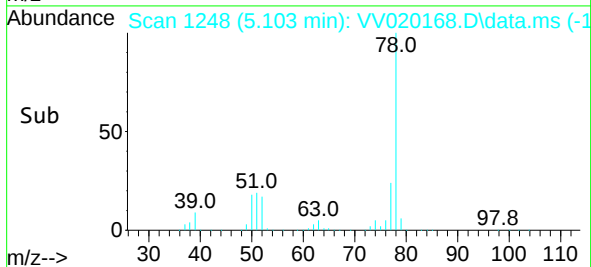
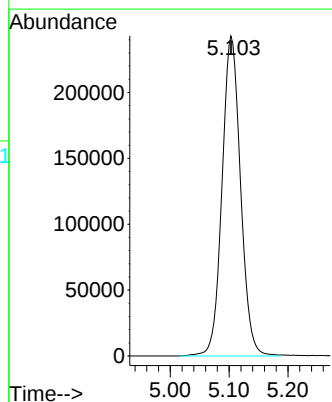
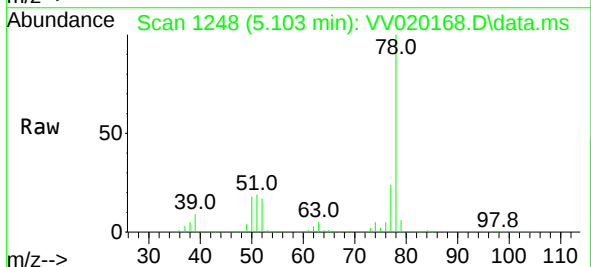
Instrument :
MSVOA_V
ClientSampled :

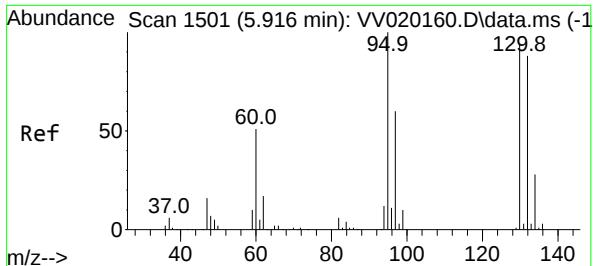
Tgt Ion:117 Resp: 181710
Ion Ratio Lower Upper
117 100
119 95.5 77.8 116.6



#33
Benzene
Concen: 45.43 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion: 78 Resp: 531040

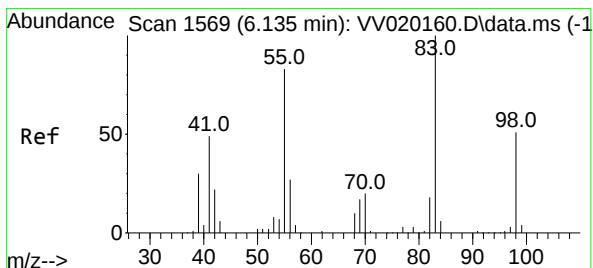
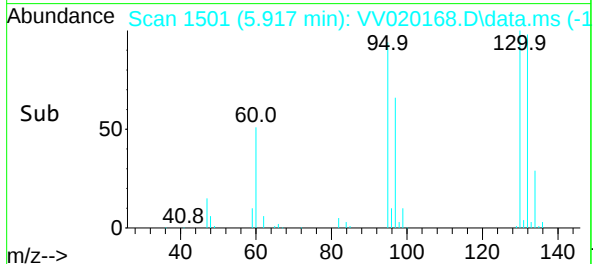
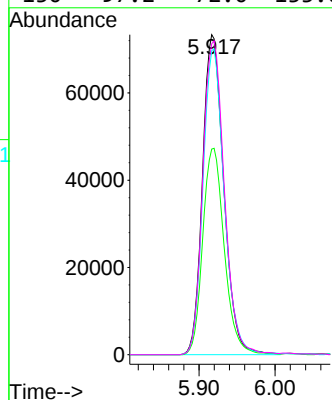
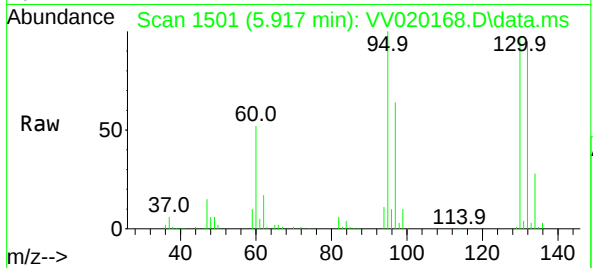




#34
Trichloroethene
Concen: 45.80 ug/L
RT: 5.917 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

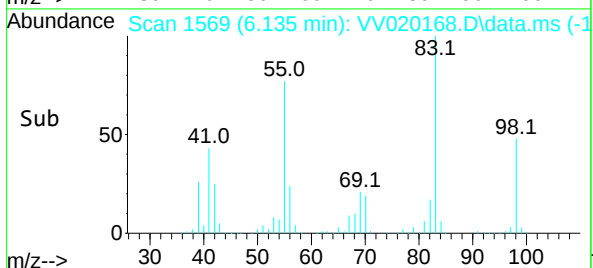
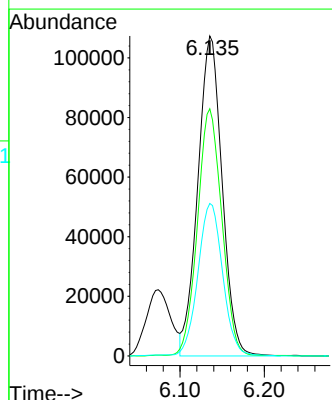
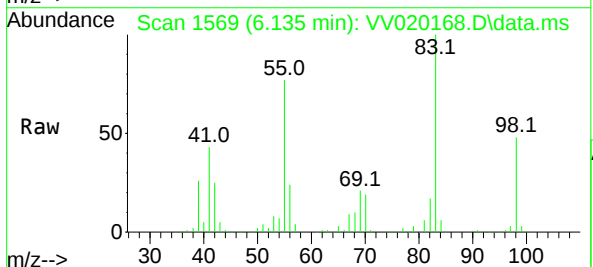
Instrument :
MSVOA_V
ClientSampleId :

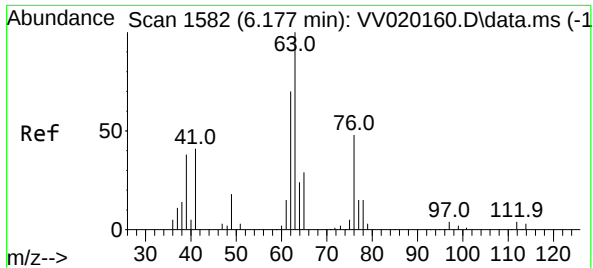
Tgt Ion: 95 Resp: 142243
Ion Ratio Lower Upper
95 100
97 64.3 45.4 84.4
132 95.0 68.5 127.3
130 97.2 72.0 133.6



#35
Methylcyclohexane
Concen: 48.65 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion: 83 Resp: 215527
Ion Ratio Lower Upper
83 100
55 77.2 62.8 94.2
98 48.6 38.6 58.0

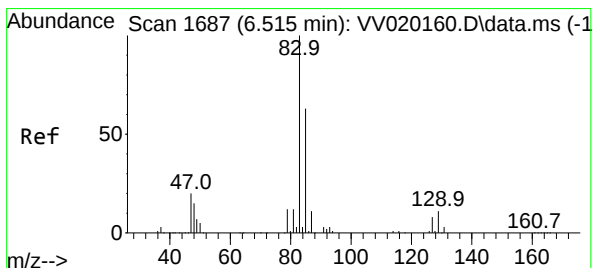
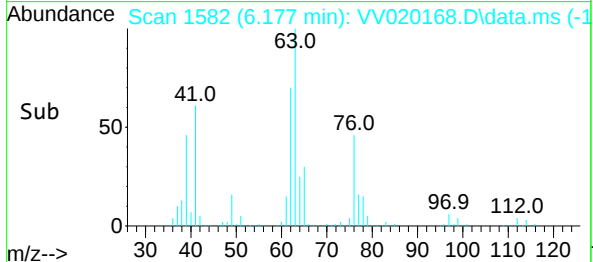
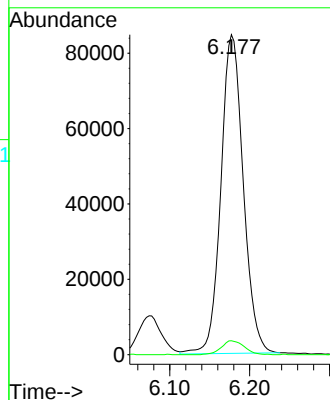
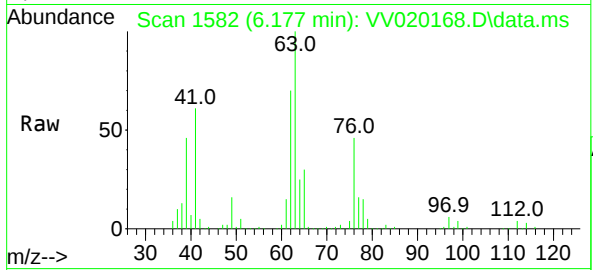




#37
1,2-Dichloropropane
Concen: 54.48 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

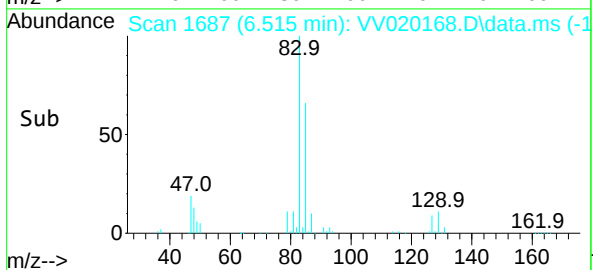
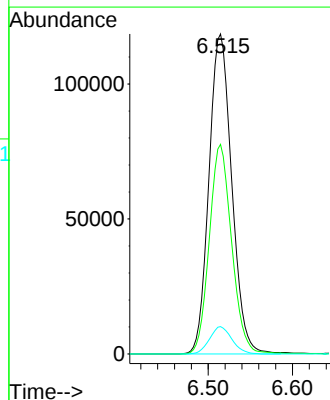
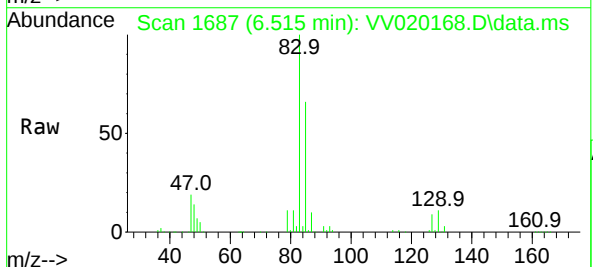
Instrument :
MSVOA_V
ClientSampled :

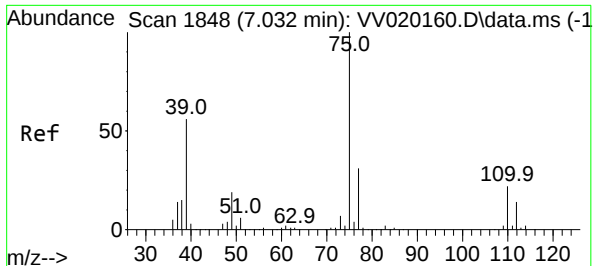
Tgt Ion: 63 Resp: 164327
Ion Ratio Lower Upper
63 100
112 4.5 4.2 6.2



#38
Bromodichloromethane
Concen: 52.79 ug/L
RT: 6.515 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion: 83 Resp: 222948
Ion Ratio Lower Upper
83 100
85 65.5 44.0 81.8
127 8.6 7.3 10.9

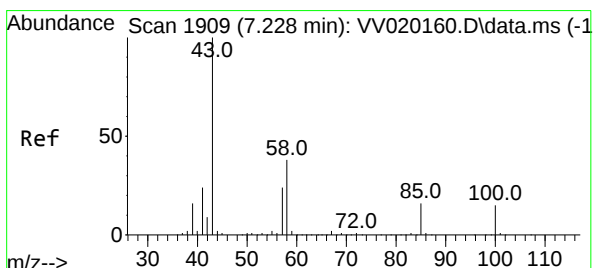
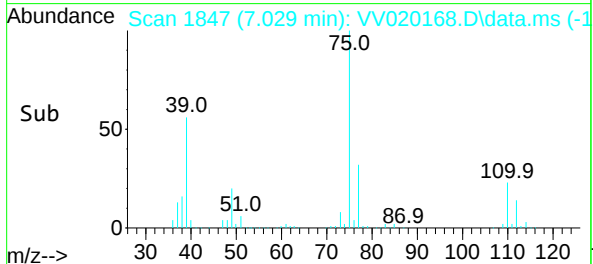
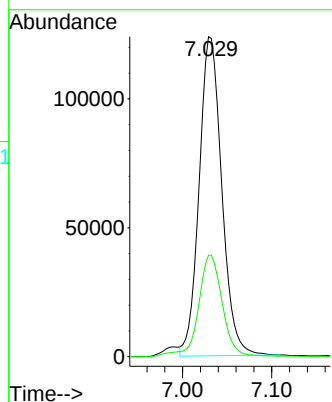
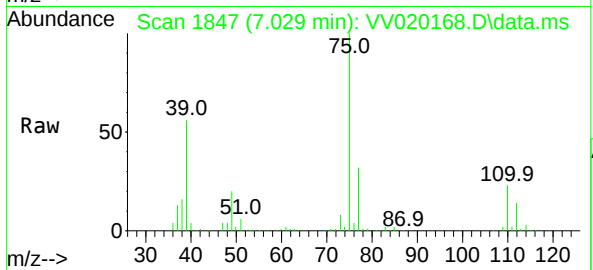




#39
cis-1,3-Dichloropropene
Concen: 45.79 ug/L
RT: 7.029 min Scan# 1847
Delta R.T. -0.003 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

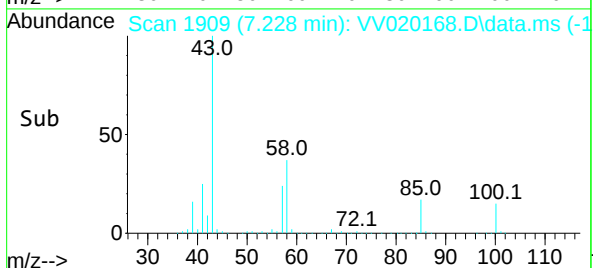
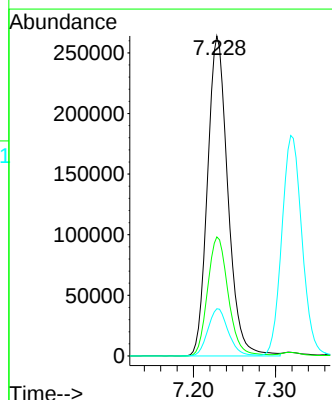
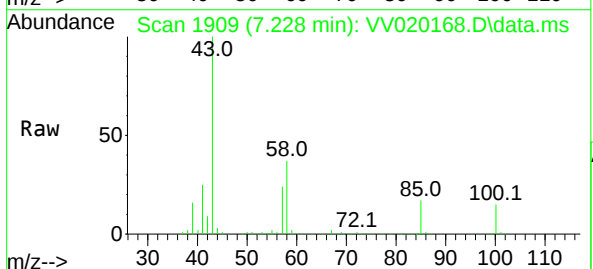
Instrument :
MSVOA_V
ClientSampled :

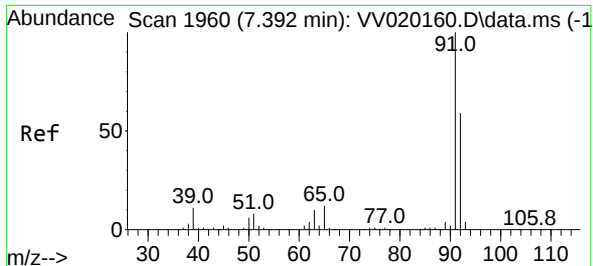
Tgt Ion: 75 Resp: 218489
Ion Ratio Lower Upper
75 100
77 31.7 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 99.11 ug/L
RT: 7.228 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion: 43 Resp: 455436
Ion Ratio Lower Upper
43 100
58 37.8 30.5 45.7
100 14.8 12.7 19.1

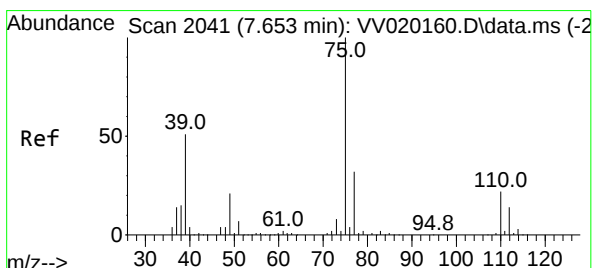
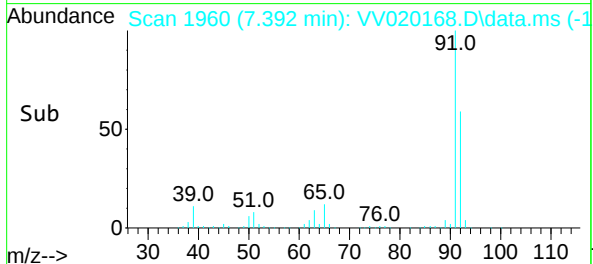
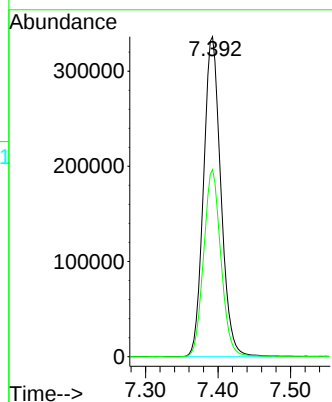
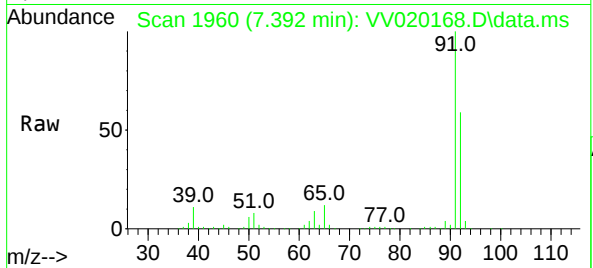




#42
Toluene
Concen: 45.70 ug/L
RT: 7.392 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

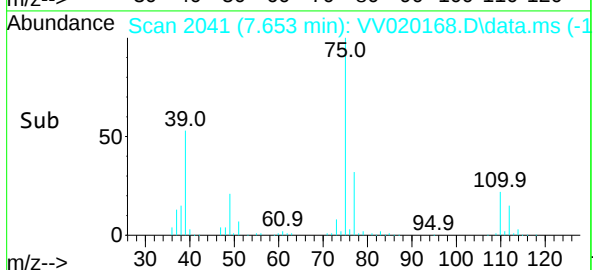
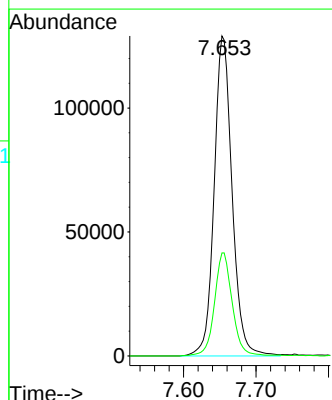
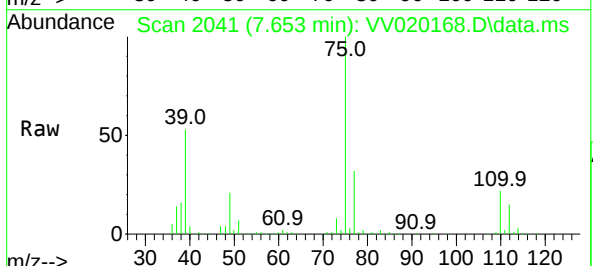
Instrument :
MSVOA_V
ClientSampled :

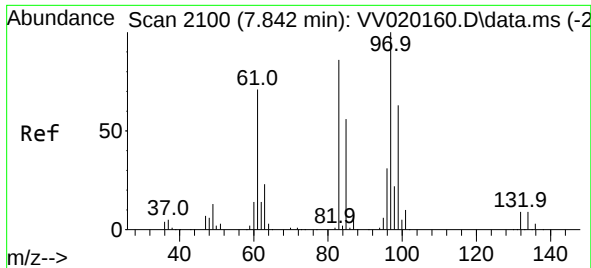
Tgt Ion: 91 Resp: 558024
Ion Ratio Lower Upper
91 100
92 58.5 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 48.50 ug/L
RT: 7.653 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion: 75 Resp: 221917
Ion Ratio Lower Upper
75 100
77 32.2 21.6 40.2



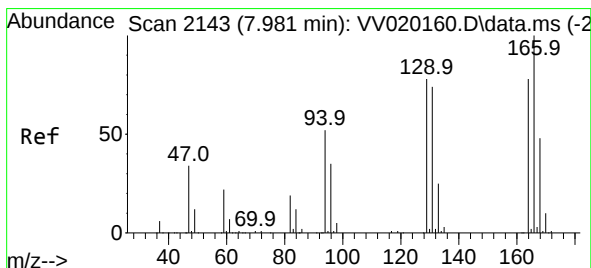
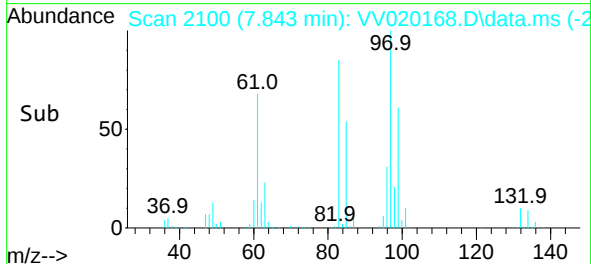
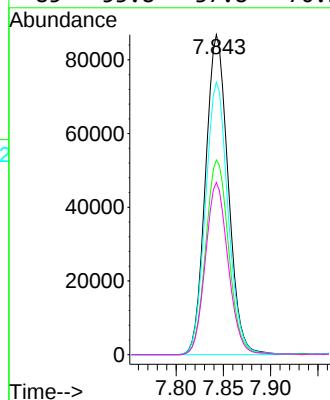
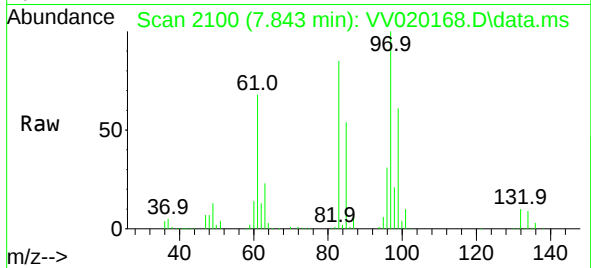


#45
1,1,2-Trichloroethane
Concen: 49.95 ug/L
RT: 7.843 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 144771

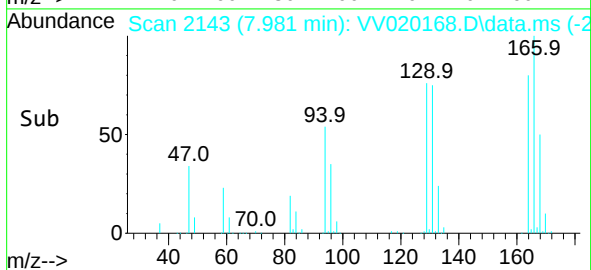
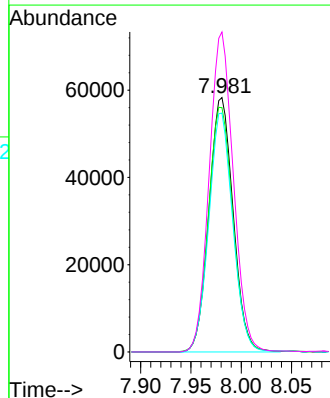
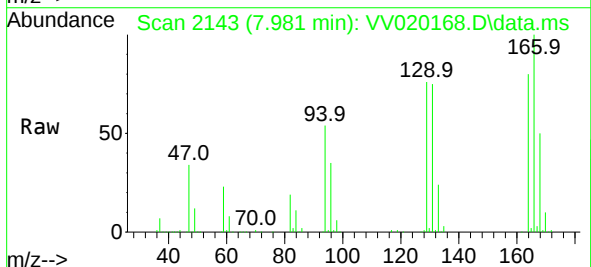
Ion	Ratio	Lower	Upper
97	100		
99	60.8	45.1	83.9
83	85.2	57.6	107.0
85	53.8	37.8	70.2

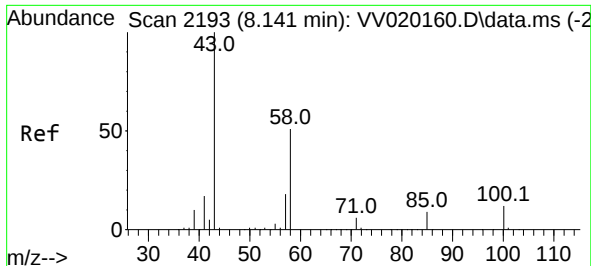


#46
Tetrachloroethene
Concen: 43.79 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion: 164 Resp: 97740

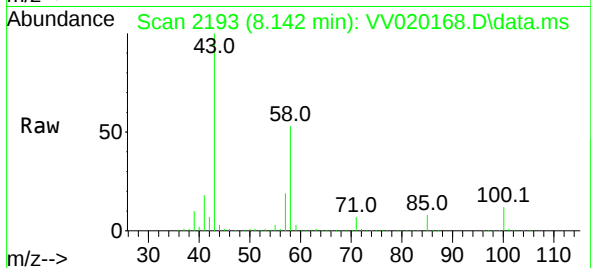
Ion	Ratio	Lower	Upper
164	100		
129	96.0	62.6	116.3
131	93.9	59.0	109.6
166	125.7	88.0	163.4



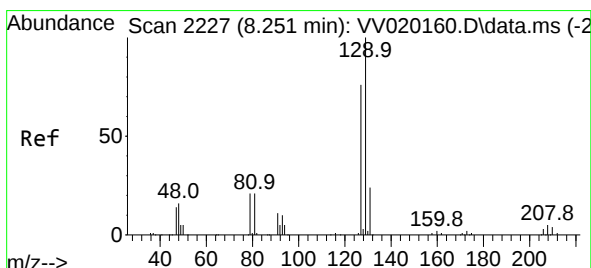
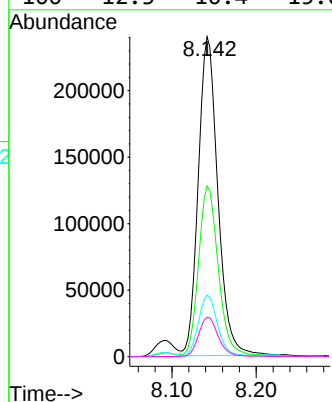
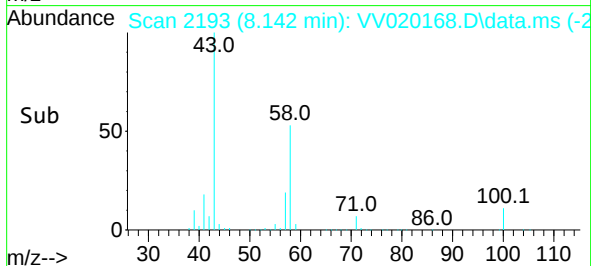


#48
2-Hexanone
Concen: 113.99 ug/L
RT: 8.142 min Scan# 2193
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

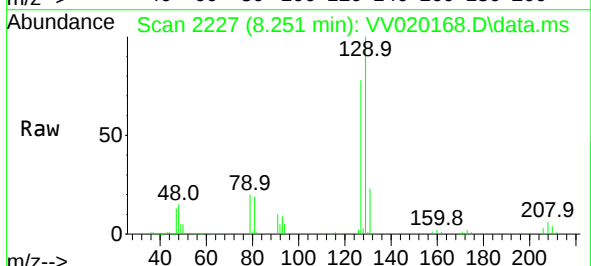
Instrument :
MSVOA_V
ClientSampled :



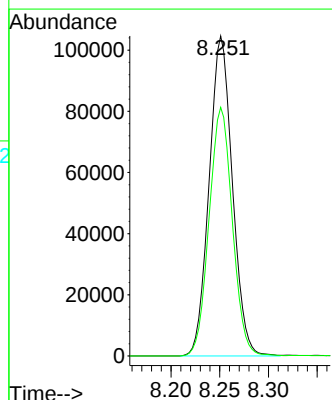
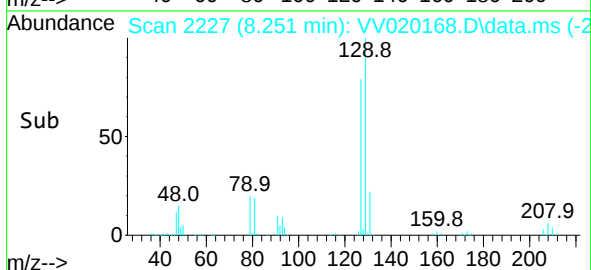
Tgt Ion:	43	Resp:	387414
Ion	Ratio	Lower	Upper
43	100		
58	53.7	42.6	63.8
57	18.8	15.8	23.8
100	12.3	10.4	15.6

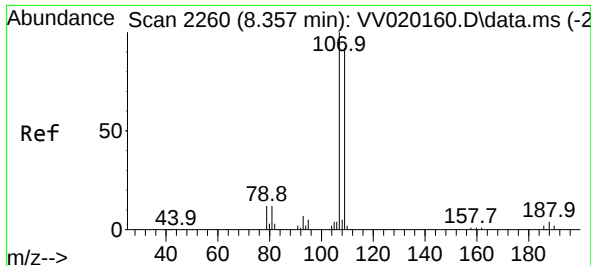


#49
Dibromochloromethane
Concen: 52.64 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31



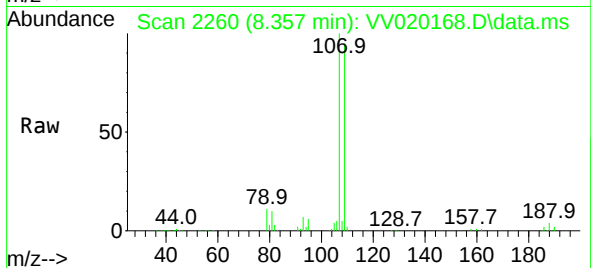
Tgt Ion:	129	Resp:	173445
Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.4	101.0



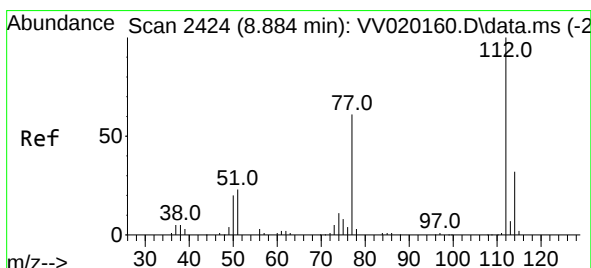
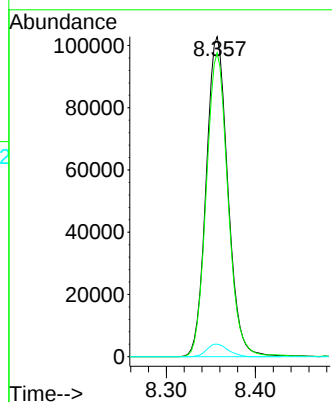
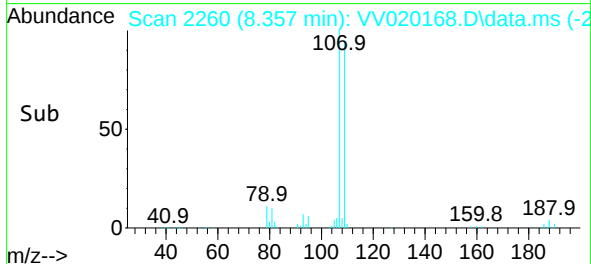


#50
1,2-Dibromoethane
Concen: 52.33 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

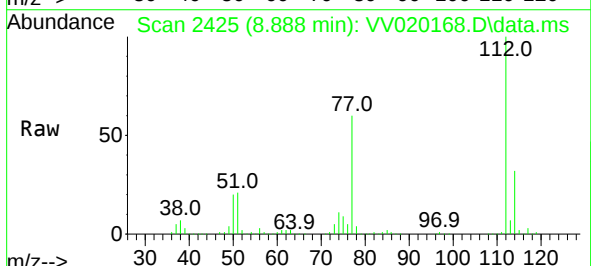
Instrument :
MSVOA_V
ClientSampled :



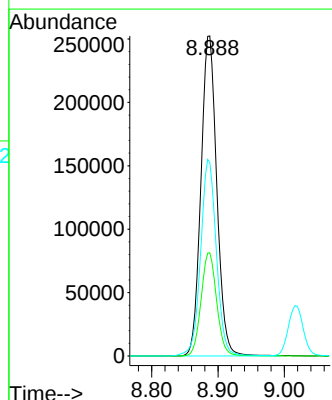
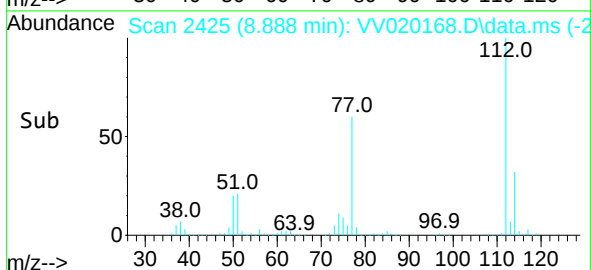
Tgt Ion:107 Resp: 173653
Ion Ratio Lower Upper
107 100
109 94.9 64.8 120.4
188 3.9 3.8 5.8

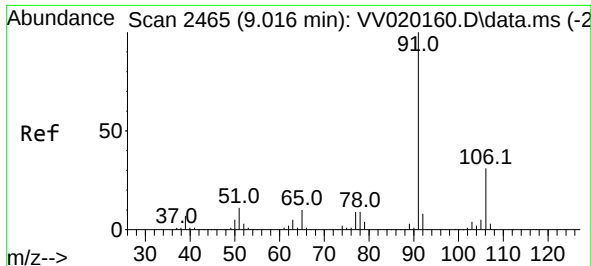


#51
Chlorobenzene
Concen: 50.99 ug/L
RT: 8.888 min Scan# 2425
Delta R.T. 0.003 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31



Tgt Ion:112 Resp: 419077
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.1
77 60.5 47.3 70.9





#52

Ethylbenzene

Concen: 50.22 ug/L

RT: 9.016 min Scan# 2465

Delta R.T. 0.000 min

Lab File: VV020168.D

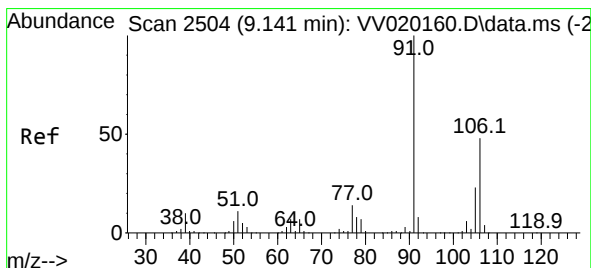
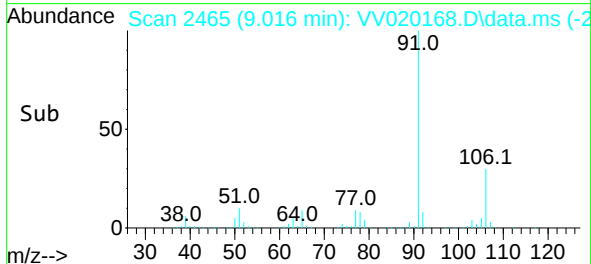
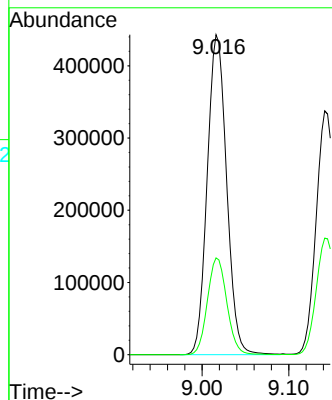
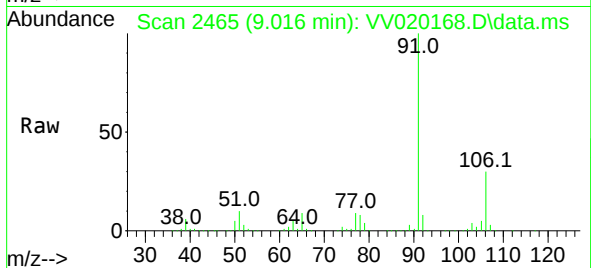
Acq: 25 Jan 2021 23:31

Tgt Ion: 91 Resp: 689963

Ion Ratio Lower Upper

91 100

106 30.3 21.6 40.0



#53

m,p-Xylene

Concen: 50.32 ug/L

RT: 9.142 min Scan# 2504

Delta R.T. 0.000 min

Lab File: VV020168.D

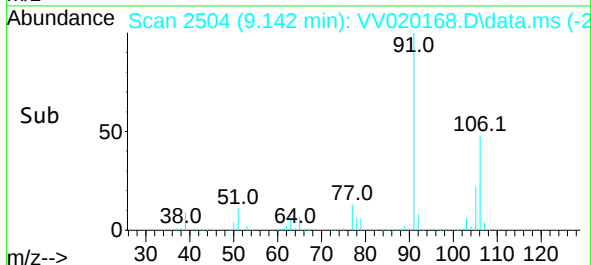
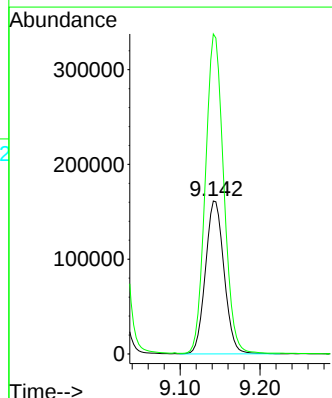
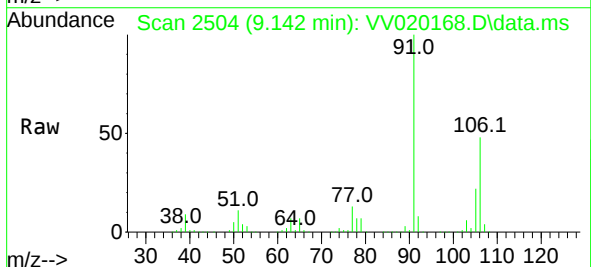
Acq: 25 Jan 2021 23:31

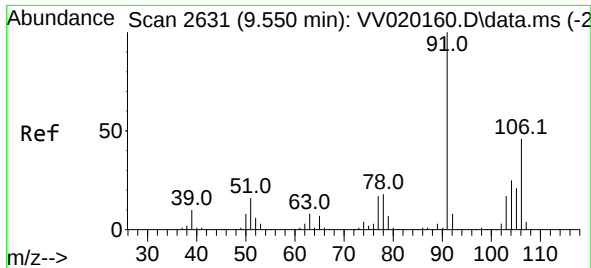
Tgt Ion: 106 Resp: 261494

Ion Ratio Lower Upper

106 100

91 209.3 147.2 273.4

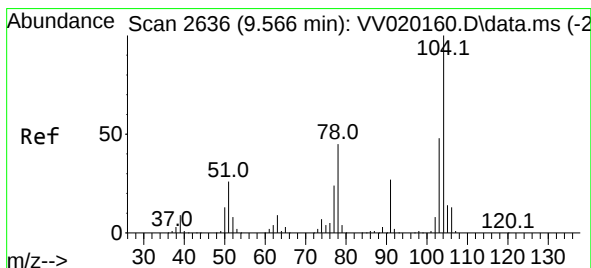
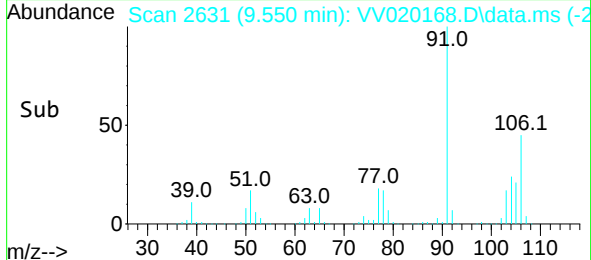
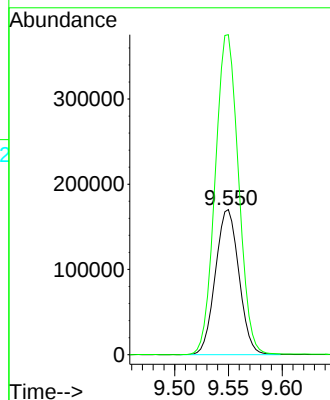
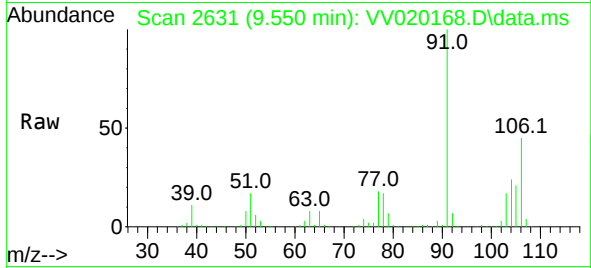




#54
o-Xylene
Concen: 50.09 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

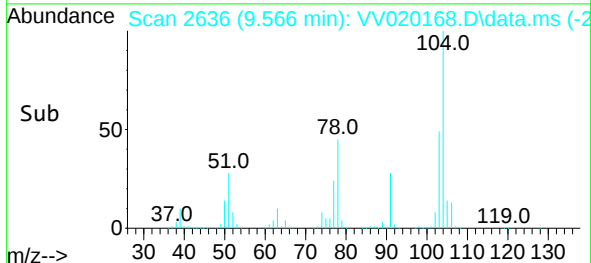
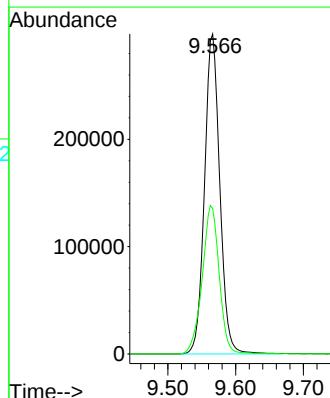
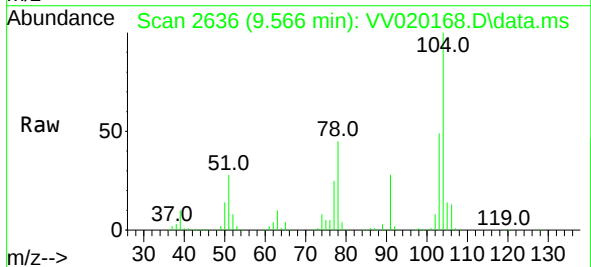
Instrument :
MSVOA_V
ClientSampled :

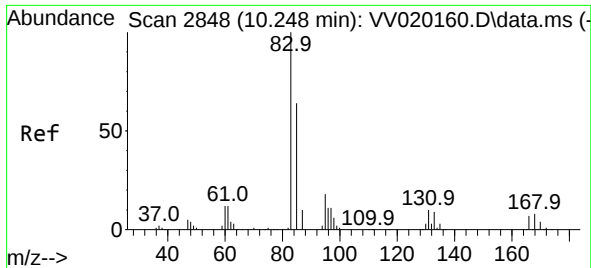
Tgt Ion:106 Resp: 259764
Ion Ratio Lower Upper
106 100
91 220.5 151.6 281.6



#55
Styrene
Concen: 51.62 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion:104 Resp: 466965
Ion Ratio Lower Upper
104 100
78 45.5 32.6 60.5

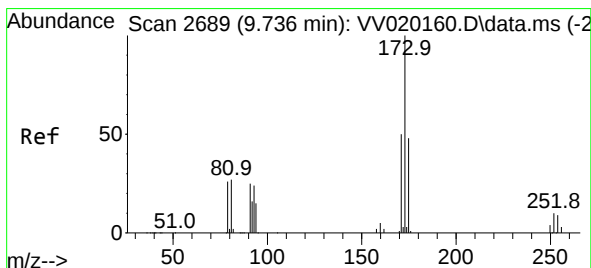
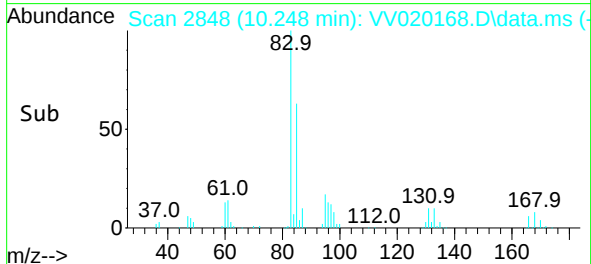
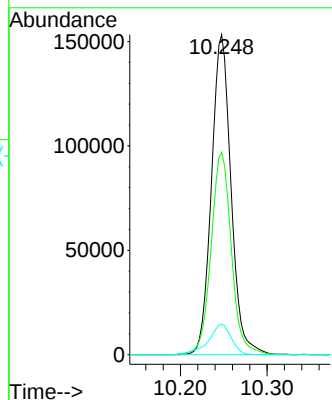
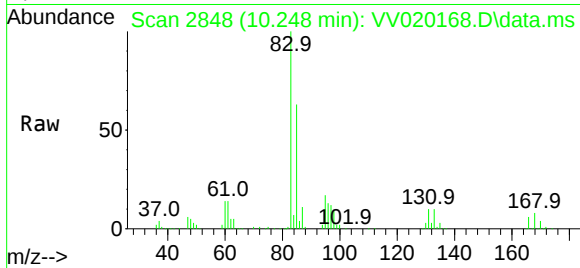




#57
1,1,2,2-Tetrachloroethane
Concen: 47.68 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

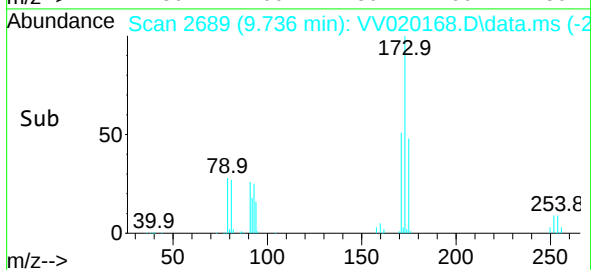
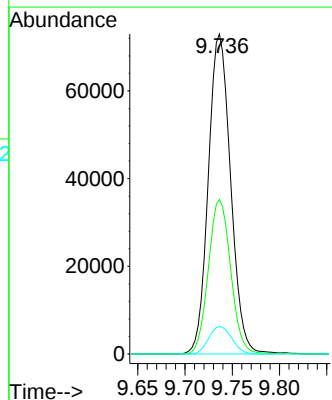
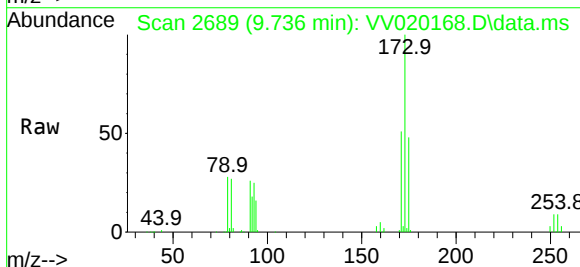
Instrument :
MSVOA_V
ClientSampleId :

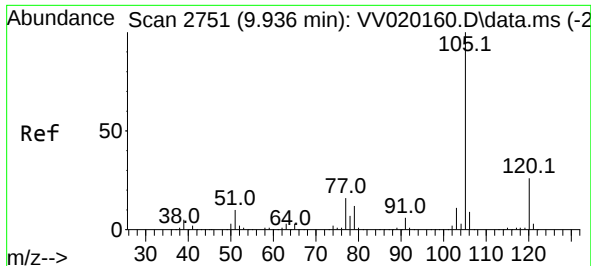
Tgt Ion:	83	Resp:	240803
Ion Ratio	Lower	Upper	
83	100		
85	63.3	45.0	83.6
131	9.5	8.9	13.3



#59
Bromoform
Concen: 57.38 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion:	173	Resp:	119726
Ion Ratio	Lower	Upper	
173	100		
175	48.1	38.4	57.6
254	8.8	9.0	13.6#

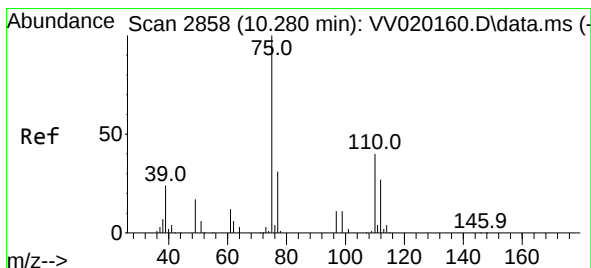
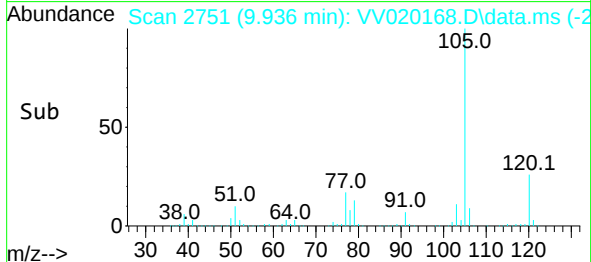
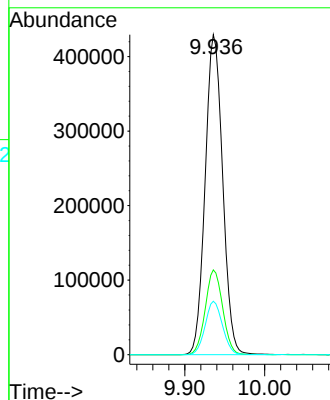
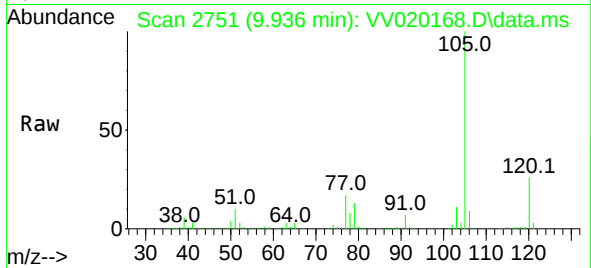




#60
Isopropylbenzene
Concen: 53.69 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

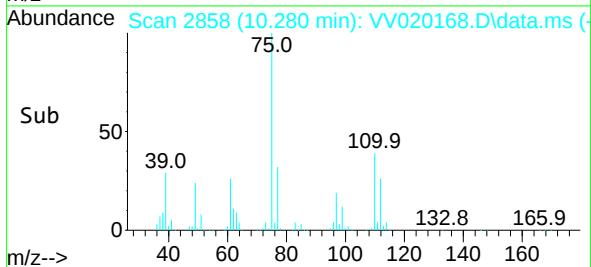
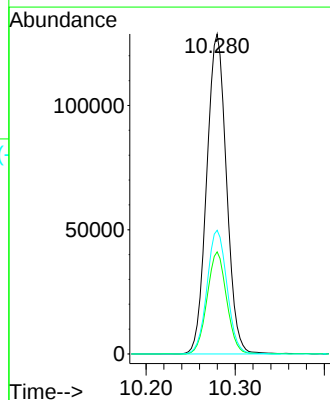
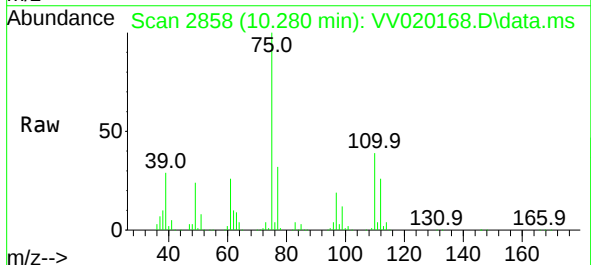
Instrument :
MSVOA_V
ClientSampled :

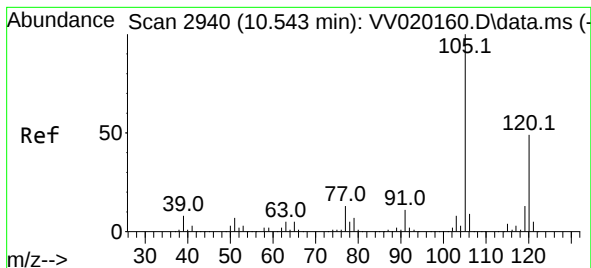
Tgt Ion:105 Resp: 653965
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.4
77 16.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 54.96 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion: 75 Resp: 198232
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
110 39.1 33.4 50.2

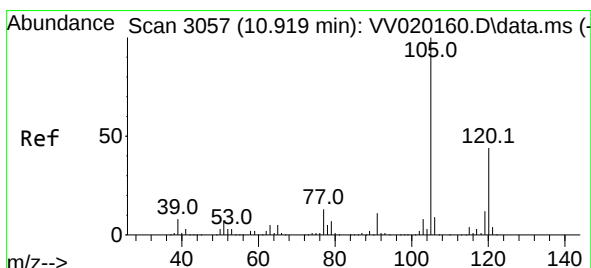
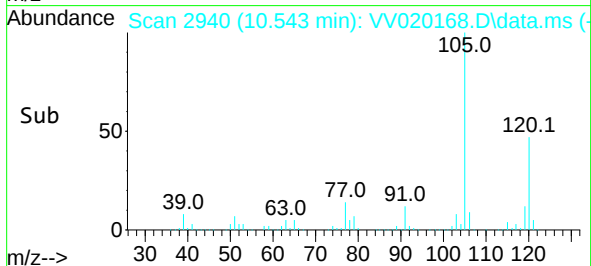
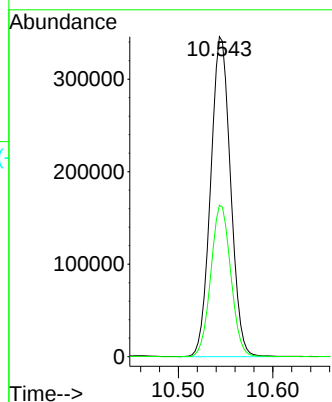
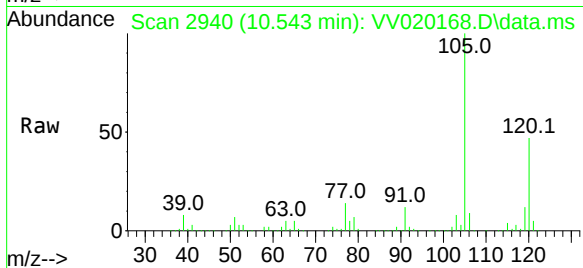




#62
1,3,5-Trimethylbenzene
Concen: 49.87 ug/L
RT: 10.543 min Scan# 2940
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

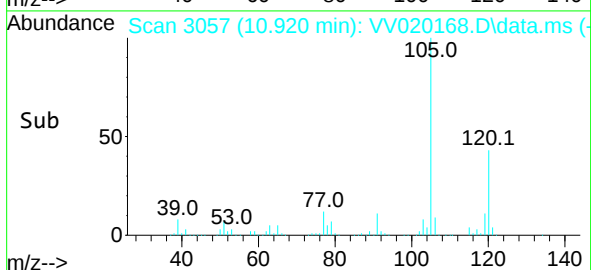
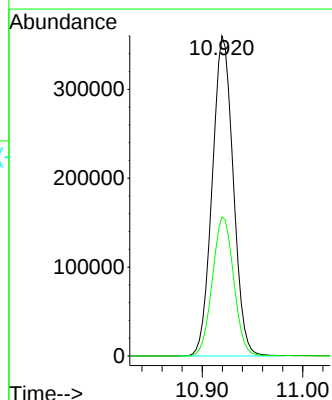
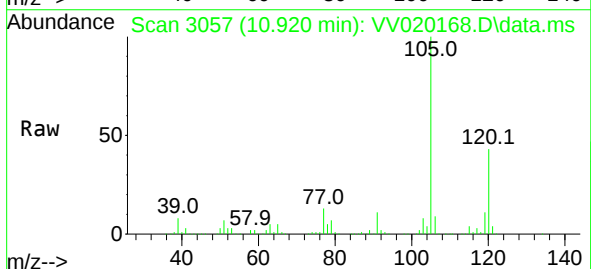
Instrument :
MSVOA_V
ClientSampled :

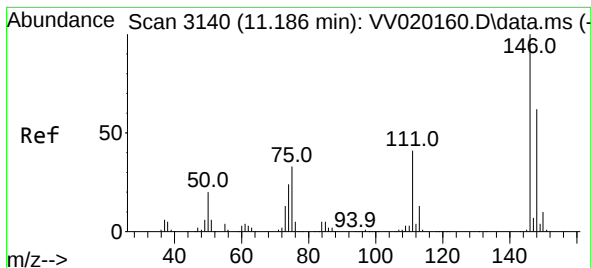
Tgt Ion:105 Resp: 506101
Ion Ratio Lower Upper
105 100
120 47.5 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 52.39 ug/L
RT: 10.920 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion:105 Resp: 522390
Ion Ratio Lower Upper
105 100
120 44.2 35.7 53.5

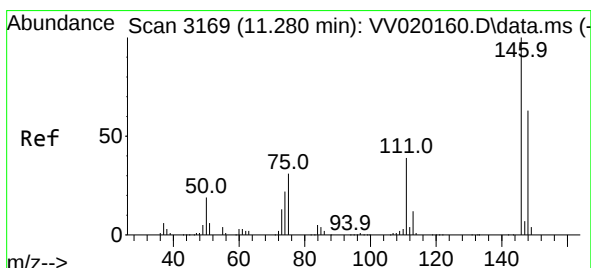
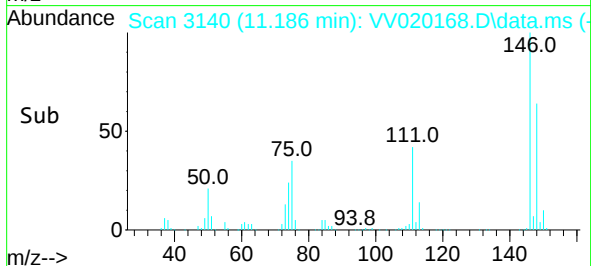
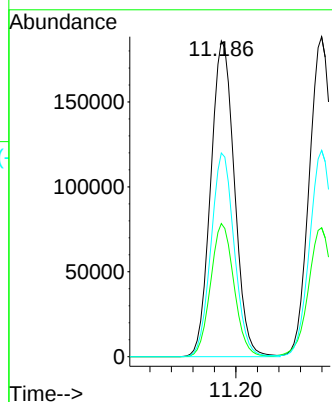
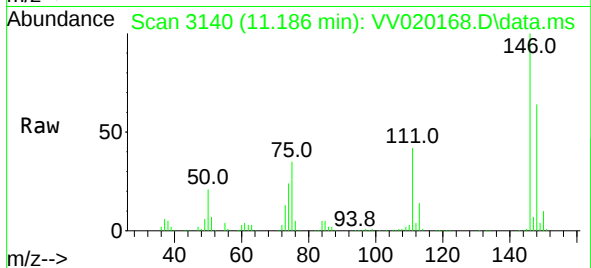




#64
1,3-Dichlorobenzene
Concen: 50.14 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

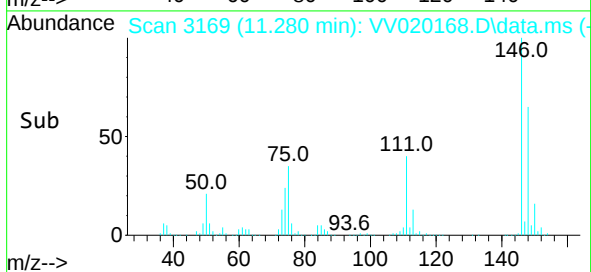
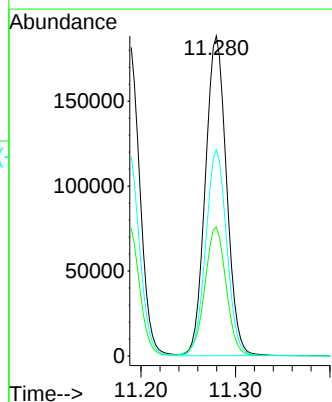
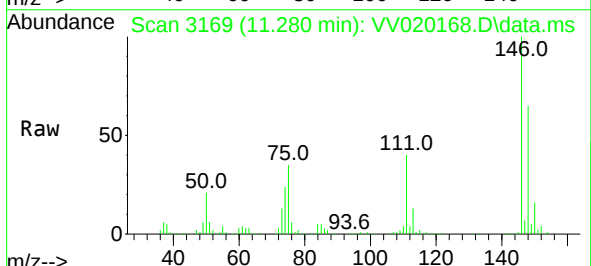
Instrument :
MSVOA_V
ClientSampled :

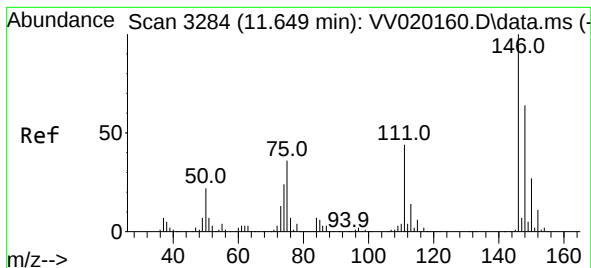
Tgt Ion:146 Resp: 285112
Ion Ratio Lower Upper
146 100
111 42.2 27.3 50.7
148 64.5 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 50.83 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion:146 Resp: 292194
Ion Ratio Lower Upper
146 100
111 40.3 25.9 48.1
148 64.5 44.9 83.5

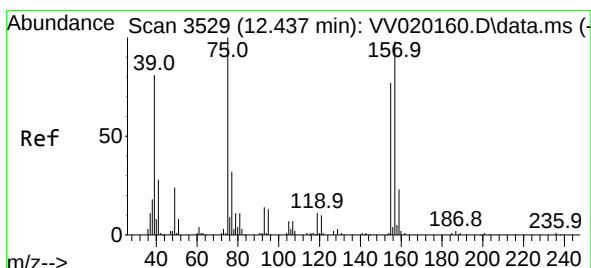
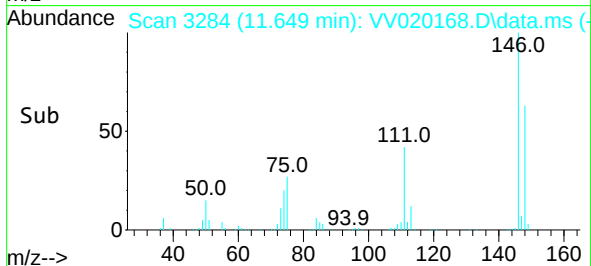
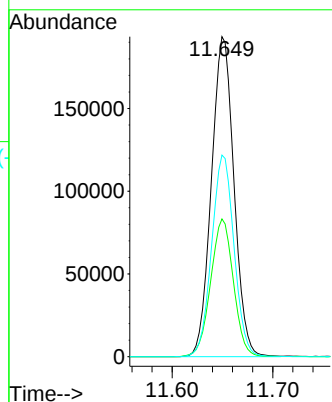
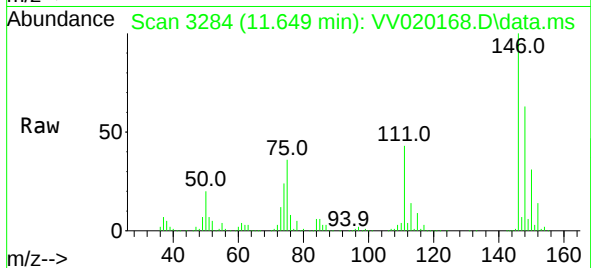




#67
1,2-Dichlorobenzene
Concen: 54.05 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

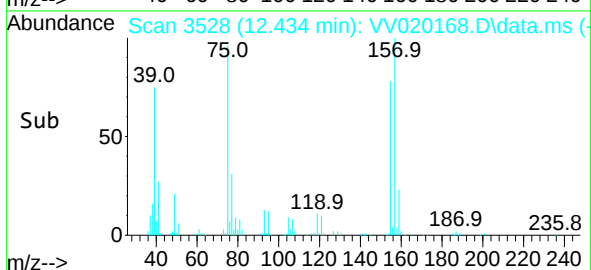
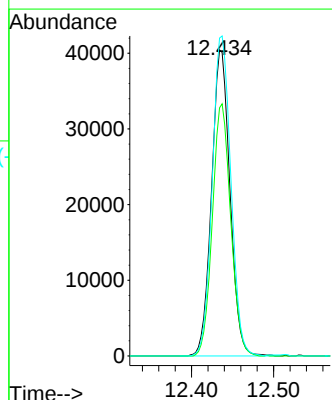
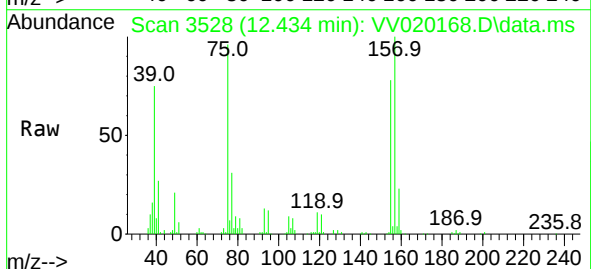
Instrument :
MSVOA_V
ClientSampled :

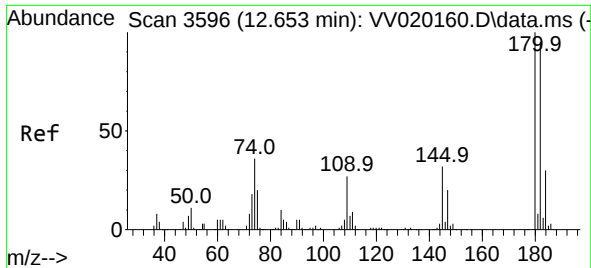
Tgt Ion:146 Resp: 301429
Ion Ratio Lower Upper
146 100
111 43.1 32.6 48.8
148 63.0 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 62.26 ug/L
RT: 12.434 min Scan# 3528
Delta R.T. -0.003 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

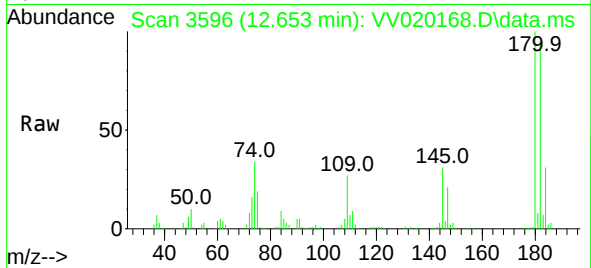
Tgt Ion: 75 Resp: 63379
Ion Ratio Lower Upper
75 100
155 81.1 65.8 98.6
157 103.9 86.3 129.5



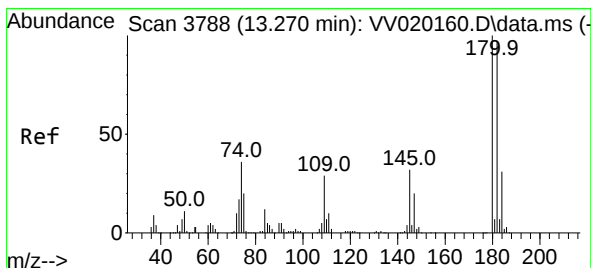
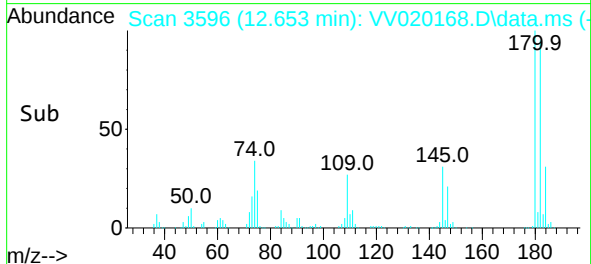
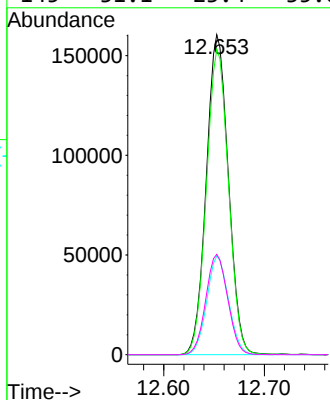


#69
1,3,5-Trichlorobenzene
Concen: 58.54 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Instrument :
MSVOA_V
ClientSampled :

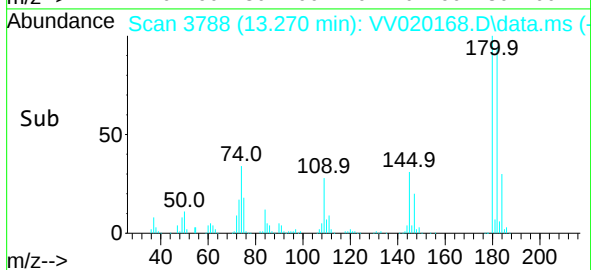
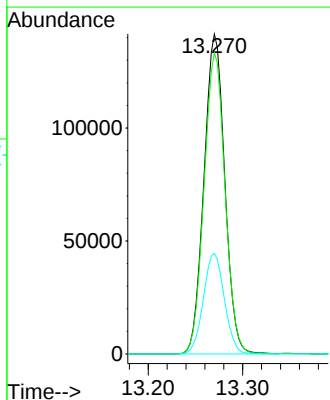
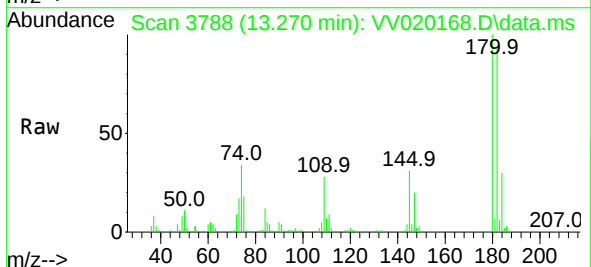


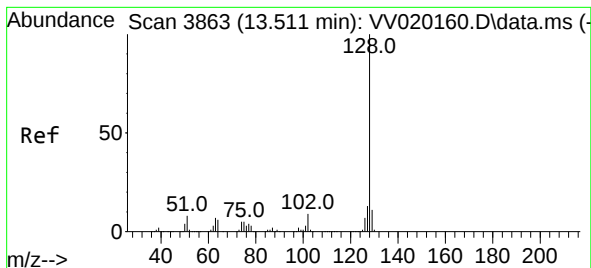
Tgt Ion:180 Resp: 244742
Ion Ratio Lower Upper
180 100
182 95.2 77.7 116.5
184 30.3 24.9 37.3
145 31.1 23.4 35.0



#70
1,2,4-trichlorobenzene
Concen: 54.31 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion:180 Resp: 216250
Ion Ratio Lower Upper
180 100
182 95.1 76.6 114.8
145 31.7 23.2 34.8

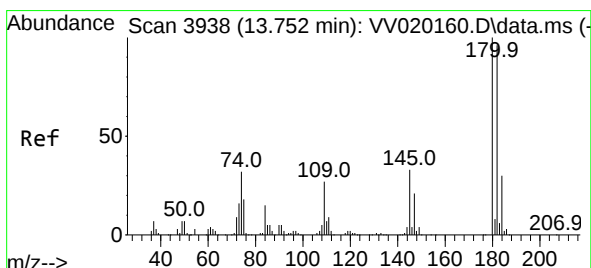
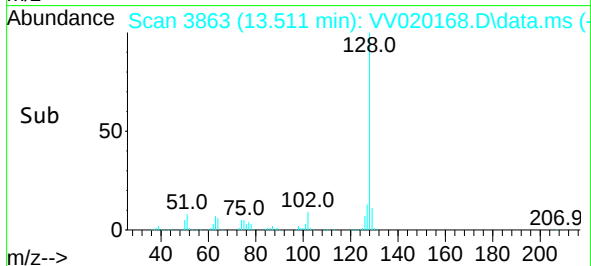
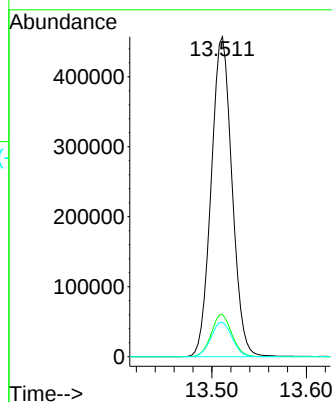
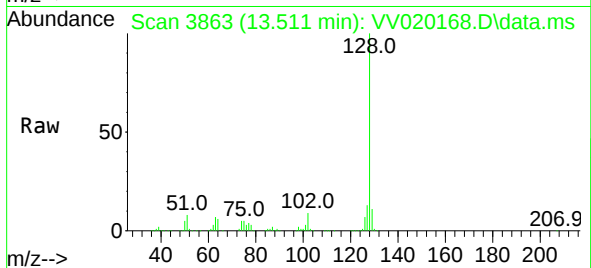




#71
Naphthalene
Concen: 53.72 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 698968
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 47.72 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020168.D
Acq: 25 Jan 2021 23:31

Tgt Ion:180 Resp: 198240
Ion Ratio Lower Upper
180 100
182 94.9 77.4 116.0
145 33.7 24.7 37.1

