

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
 Data File : VV020013.D
 Acq On : 14 Jan 2021 19:42
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05067

Quant Time: Jan 15 01:11:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 13:06:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	374052	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	358320	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	195593	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	127036	40.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.52%
7) Chloroethane-d5	1.569	69	113623	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.24%
11) 1,1-Dichloroethene-d2	2.113	63	278572	44.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.66%
21) 2-Butanone-d5	3.897	46	219383	107.18	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.18%
24) Chloroform-d	4.354	84	269562	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
26) 1,2-Dichloroethane-d4	5.039	65	185243	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
32) Benzene-d6	5.055	84	465310	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
36) 1,2-Dichloropropane-d6	6.074	67	150107	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.08%
41) Toluene-d8	7.321	98	414468	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%
43) trans-1,3-Dichloroprop...	7.627	79	71726	43.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.56%
47) 2-Hexanone-d5	8.093	63	138460	109.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.38%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	217294	50.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.82%
64) 1,2-Dichlorobenzene-d4	11.633	152	174583	46.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.42%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	167747	46.41	ug/L	100
3) Chloromethane	1.241	50	170912	49.34	ug/L	100
5) Vinyl chloride	1.312	62	172037	49.07	ug/L	99
6) Bromomethane	1.524	94	108753	49.74	ug/L	100
8) Chloroethane	1.585	64	112486	52.13	ug/L	97
9) Trichlorofluoromethane	1.753	101	253885	51.55	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	135687	49.60	ug/L	96
12) 1,1-Dichloroethene	2.119	96	135218	51.26	ug/L	88
13) Acetone	2.190	43	164354	90.88	ug/L	97
14) Carbon disulfide	2.296	76	352867	45.02	ug/L	100
15) Methyl Acetate	2.437	43	165735	54.01	ug/L	100
16) Methylene chloride	2.511	84	142990	51.01	ug/L	99
17) trans-1,2-Dichloroethene	2.762	96	130526	49.37	ug/L	99
18) Methyl tert-butyl Ether	2.772	73	440496	51.16	ug/L	98
19) 1,1-Dichloroethane	3.193	63	259343	51.30	ug/L	99
20) cis-1,2-Dichloroethene	3.916	96	141430	50.09	ug/L	96
22) 2-Butanone	3.978	43	236333	108.46	ug/L	94
23) Bromochloromethane	4.251	128	73494	49.81	ug/L	96
25) Chloroform	4.379	83	271444	51.07	ug/L	99

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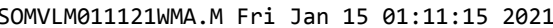
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05067

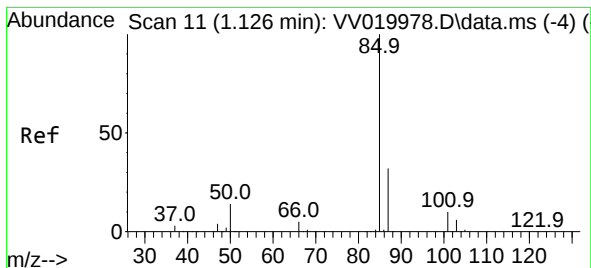
Quant Time: Jan 15 01:11:05 2021
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 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 13:06:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	238633	53.73	ug/L	99
29) Cyclohexane	4.682	56	204331	48.23	ug/L	97
30) 1,1,1-Trichloroethane	4.614	97	233987	49.64	ug/L	99
31) Carbon tetrachloride	4.836	117	194199	48.32	ug/L	100
33) Benzene	5.106	78	548725	52.75	ug/L	100
34) Trichloroethene	5.920	95	148125	49.69	ug/L	99
35) Methylcyclohexane	6.135	83	206728	48.53	ug/L	100
37) 1,2-Dichloropropane	6.177	63	147610	54.71	ug/L	98
38) Bromodichloromethane	6.514	83	196810	50.50	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	217461	51.47	ug/L	99
40) 4-Methyl-2-pentanone	7.231	43	460121	110.99	ug/L	98
42) Toluene	7.392	91	565146	51.02	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	214766	50.11	ug/L	99
45) 1,1,2-Trichloroethane	7.842	97	139950	52.77	ug/L	99
46) Tetrachloroethene	7.981	164	104278	48.73	ug/L	98
48) 2-Hexanone	8.145	43	356273	109.25	ug/L	98
49) Dibromochloromethane	8.251	129	146232	49.93	ug/L	96
50) 1,2-Dibromoethane	8.357	107	147040	51.68	ug/L	98
51) Chlorobenzene	8.887	112	362453	49.40	ug/L	99
52) Ethylbenzene	9.016	91	632836	50.31	ug/L	100
53) m,p-Xylene	9.145	106	231641	50.42	ug/L	100
54) o-xylene	9.550	106	228499	50.51	ug/L	99
55) Styrene	9.566	104	405766	51.89	ug/L	99
56) Isopropylbenzene	9.936	105	612142	50.03	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.247	83	220138	53.02	ug/L	100
59) 1,2,3-Trichloropropane	10.280	75	191037	52.06	ug/L	98
61) Bromoform	9.736	173	96404	48.41	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	290026	49.41	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	299599	49.74	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	294624	49.83	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.434	75	52173	50.73	ug/L	96
67) 1,3,5-Trichlorobenzene	12.652	180	215588	48.91	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	190697	48.93	ug/L	97
69) Naphthalene	13.511	128	595583	52.83	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	191422	50.60	ug/L	99

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

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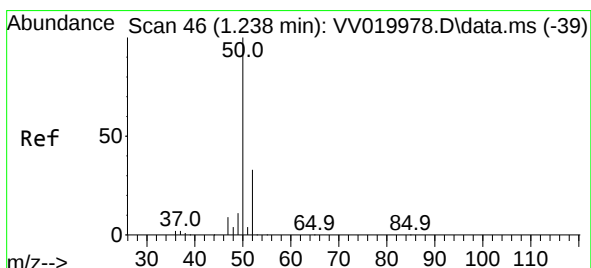
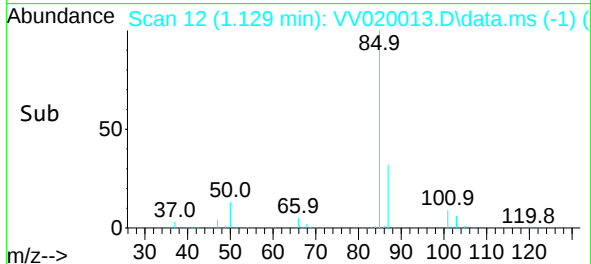
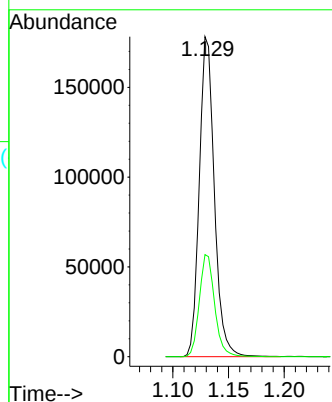
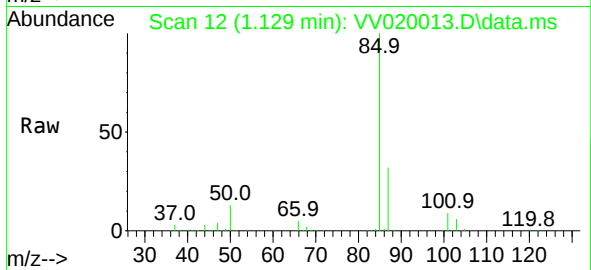




#2
Dichlorodifluoromethane
Concen: 46.41 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

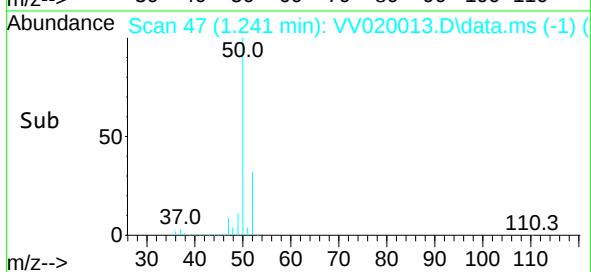
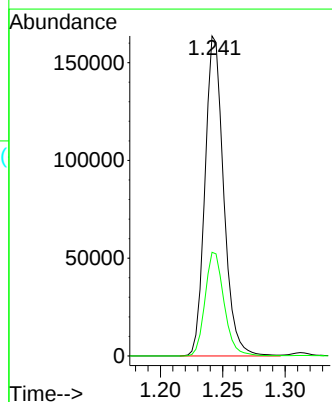
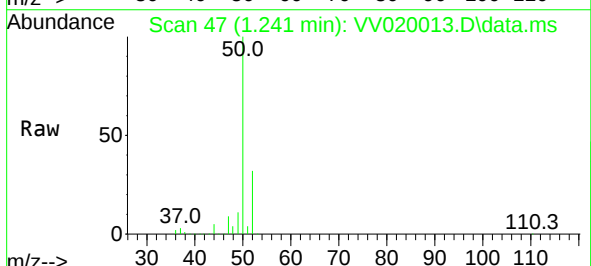
Instrument :
MSVOA_V
ClientSampleId :
VSTD05067

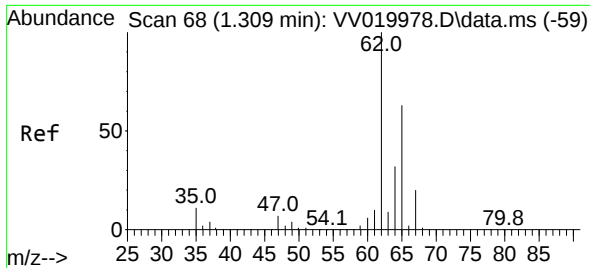
Tgt Ion: 85 Resp: 167747
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9



#3
Chloromethane
Concen: 49.34 ug/L
RT: 1.241 min Scan# 47
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion: 50 Resp: 170912
Ion Ratio Lower Upper
50 100
52 32.4 22.7 42.1

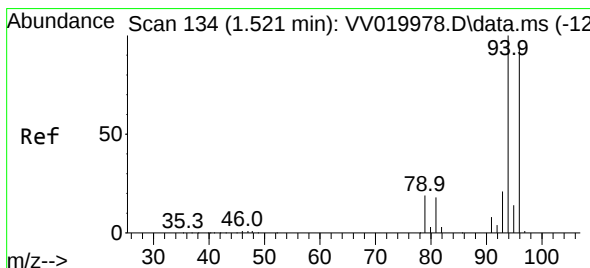
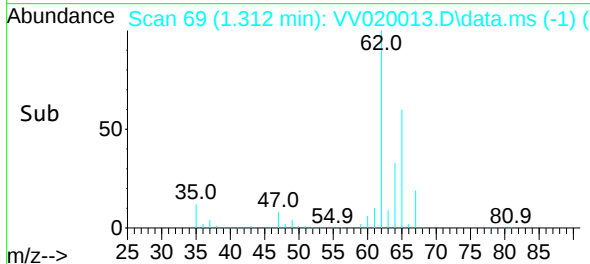
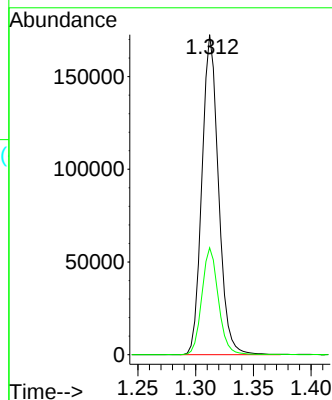
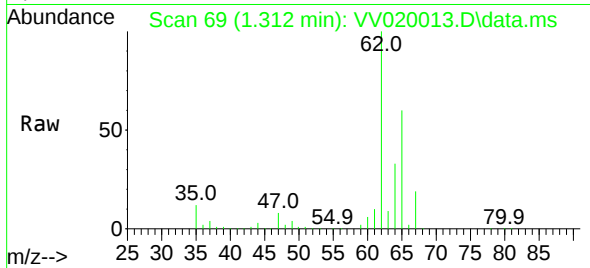




#5
 Vinyl chloride
 Concen: 49.07 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.003 min
 Lab File: VV020013.D
 Acq: 14 Jan 2021 19:42

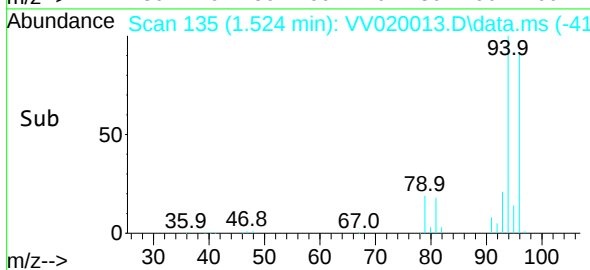
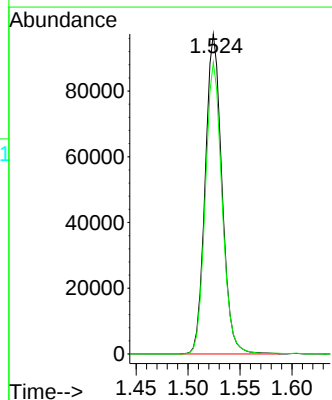
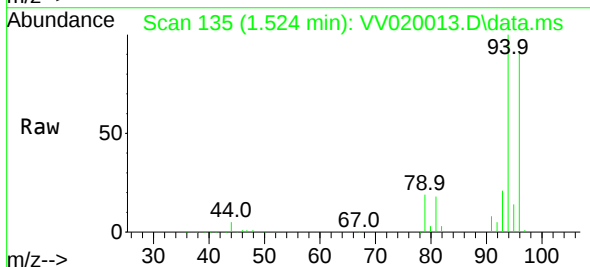
Instrument :
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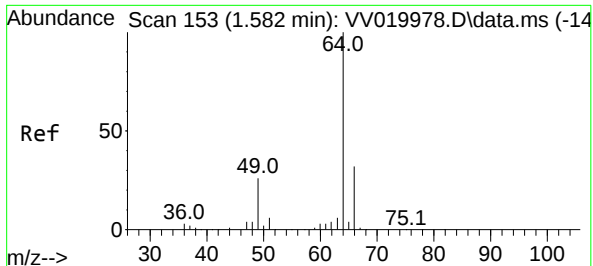
Tgt Ion: 62 Resp: 172037
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.0 42.6



#6
 Bromomethane
 Concen: 49.74 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. 0.003 min
 Lab File: VV020013.D
 Acq: 14 Jan 2021 19:42

Tgt Ion: 94 Resp: 108753
 Ion Ratio Lower Upper
 94 100
 96 91.1 63.6 118.2

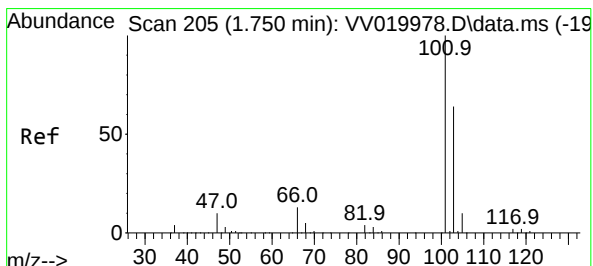
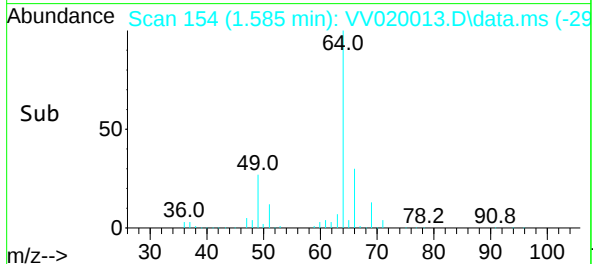
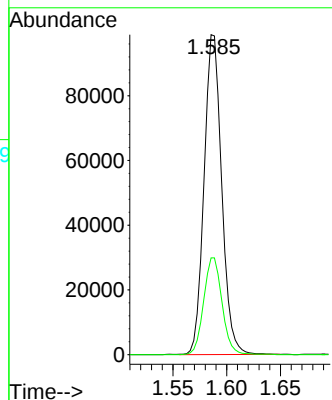
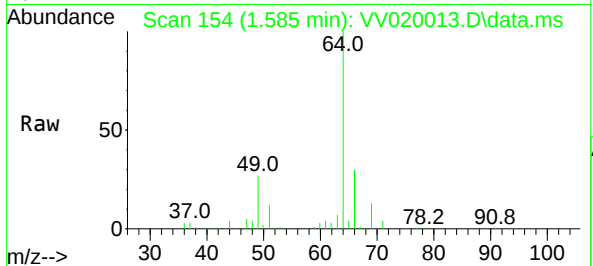




#8
Chloroethane
Concen: 52.13 ug/L
RT: 1.585 min Scan# 154
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

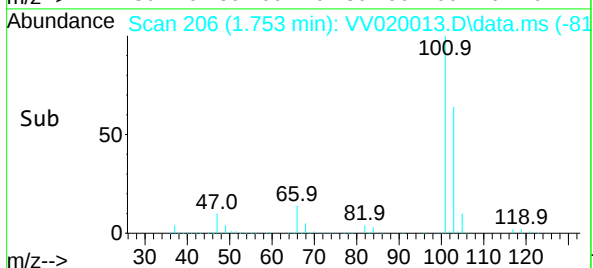
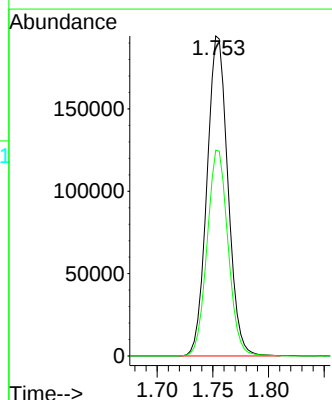
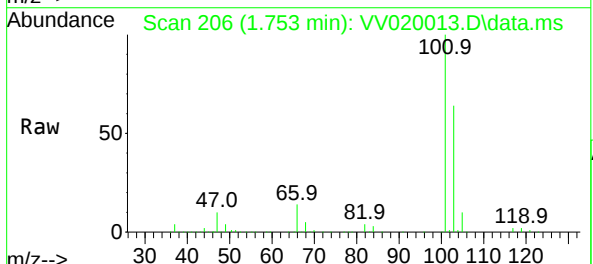
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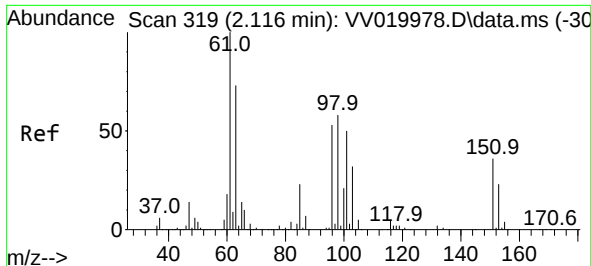
Tgt Ion: 64 Resp: 112486
Ion Ratio Lower Upper
64 100
66 30.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 51.55 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion:101 Resp: 253885
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5





#10

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

Concen: 49.60 ug/L

RT: 2.119 min Scan# 320

Delta R.T. 0.003 min

Lab File: VV020013.D

Acq: 14 Jan 2021 19:42

Tgt Ion:101 Resp: 135687

Ion Ratio Lower Upper

101 100

85 45.5 35.3 52.9

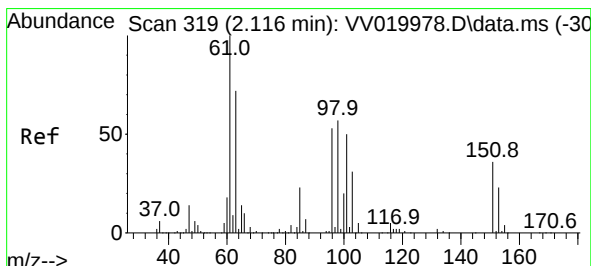
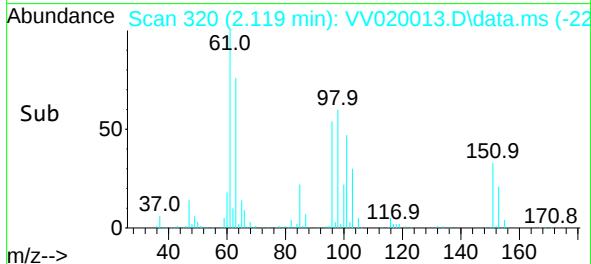
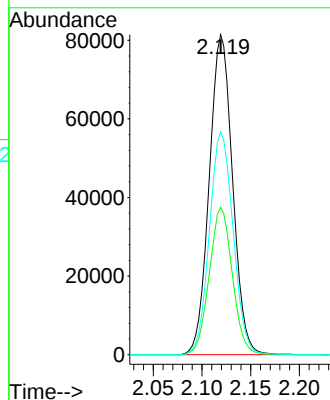
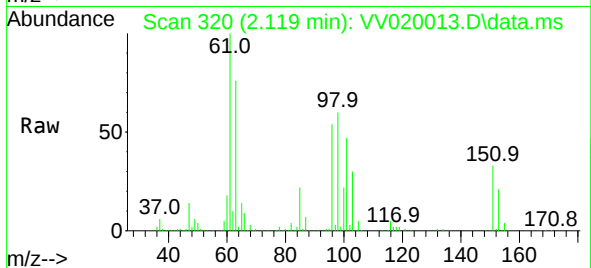
151 70.8 53.6 80.4

Instrument :

MSVOA_V

ClientSampleId :

VSTD05067



#12

1,1-Dichloroethene

Concen: 51.26 ug/L

RT: 2.119 min Scan# 320

Delta R.T. 0.003 min

Lab File: VV020013.D

Acq: 14 Jan 2021 19:42

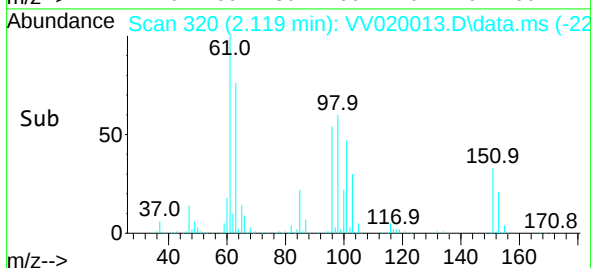
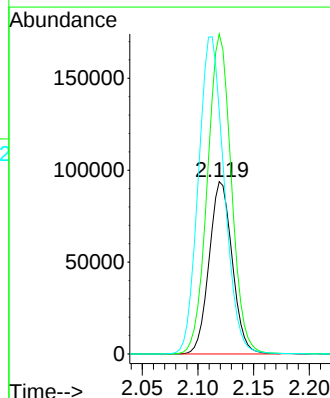
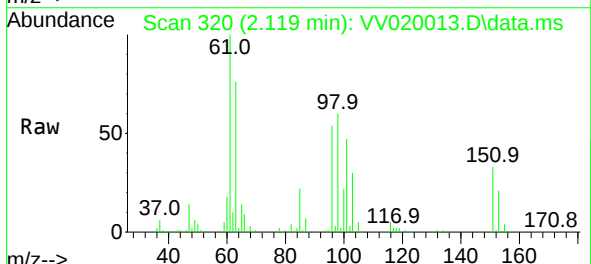
Tgt Ion: 96 Resp: 135218

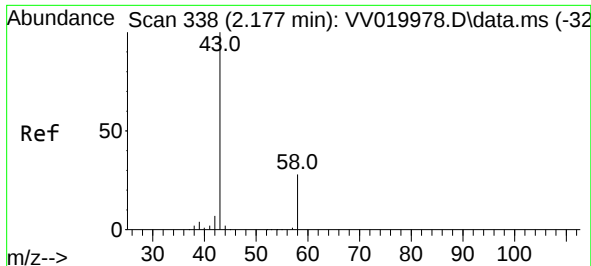
Ion Ratio Lower Upper

96 100

61 185.8 134.9 250.5

63 141.1 117.6 218.4

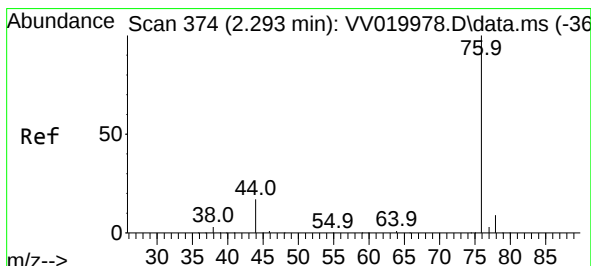
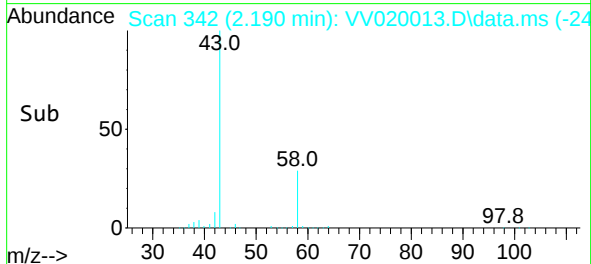
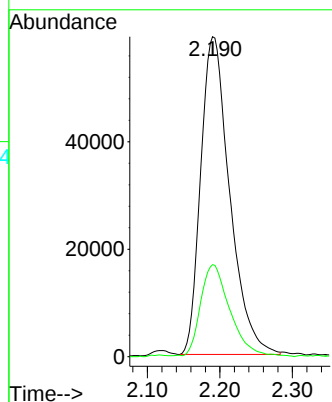
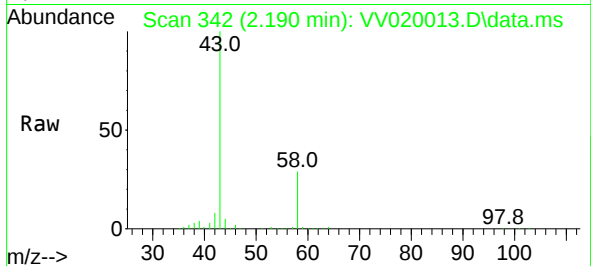




#13
Acetone
Concen: 90.88 ug/L
RT: 2.190 min Scan# 342
Delta R.T. 0.013 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

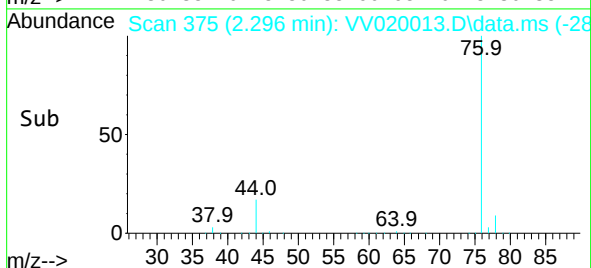
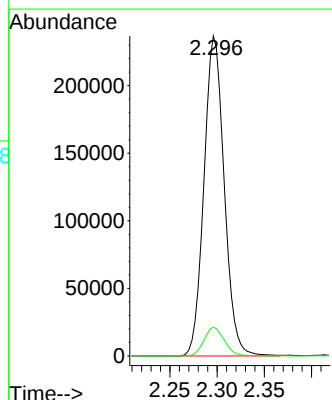
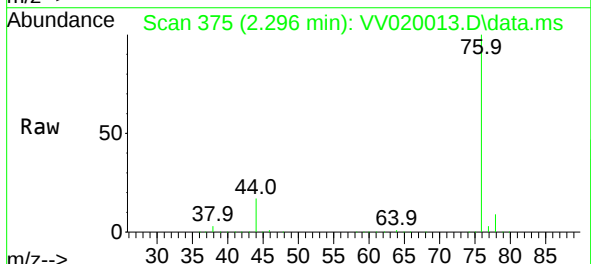
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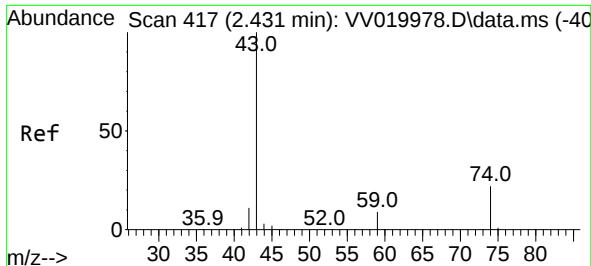
Tgt Ion: 43 Resp: 164354
Ion Ratio Lower Upper
43 100
58 28.5 0.0 60.2



#14
Carbon disulfide
Concen: 45.02 ug/L
RT: 2.296 min Scan# 375
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion: 76 Resp: 352867
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

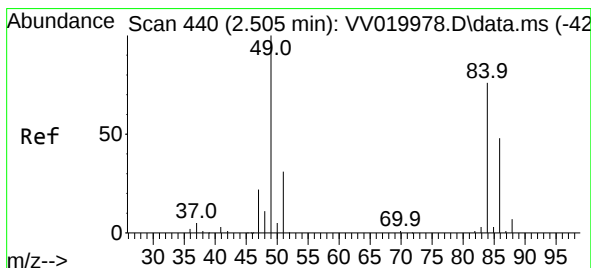
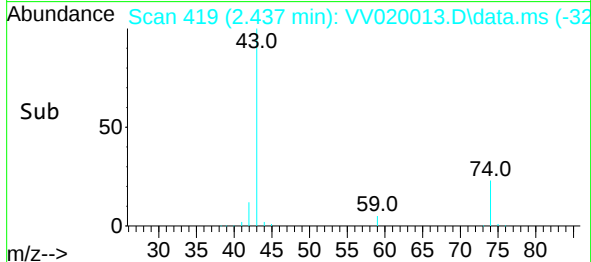
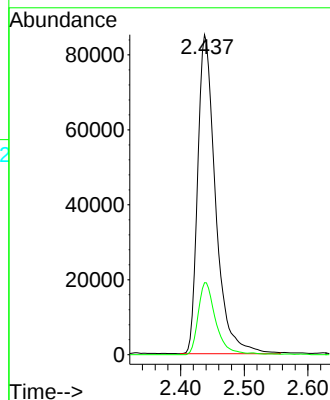
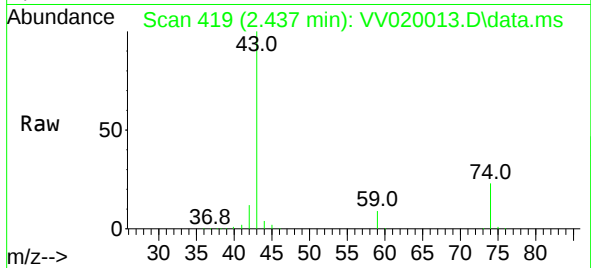




#15
Methyl Acetate
Concen: 54.01 ug/L
RT: 2.437 min Scan# 419
Delta R.T. 0.006 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

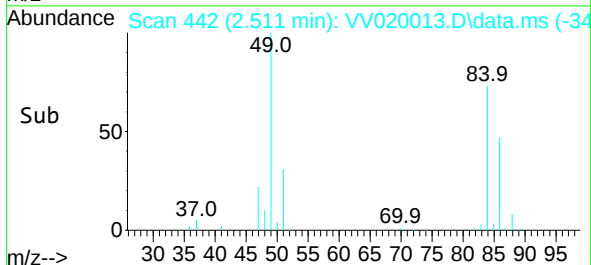
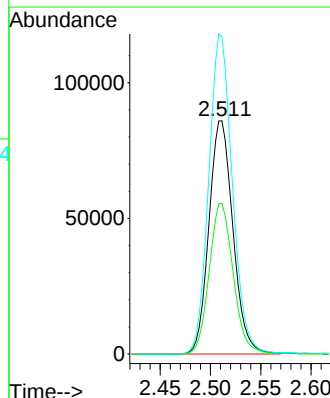
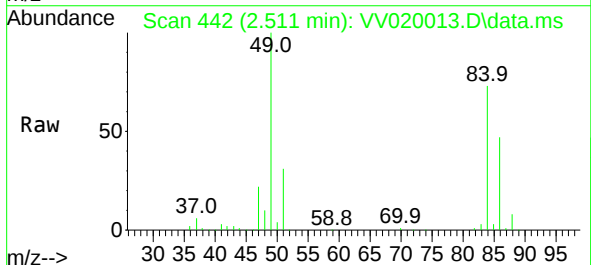
Instrument :
MSVOA_V
ClientSampleId :
VSTD05067

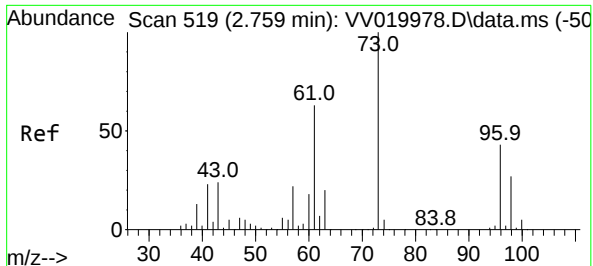
Tgt Ion: 43 Resp: 165735
Ion Ratio Lower Upper
43 100
74 22.0 17.6 26.4



#16
Methylene chloride
Concen: 51.01 ug/L
RT: 2.511 min Scan# 442
Delta R.T. 0.006 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion: 84 Resp: 142990
Ion Ratio Lower Upper
84 100
86 64.6 44.6 82.8
49 136.1 94.6 175.8



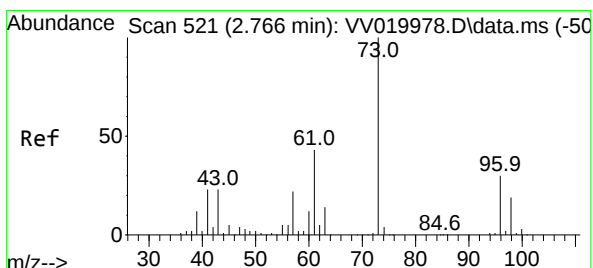
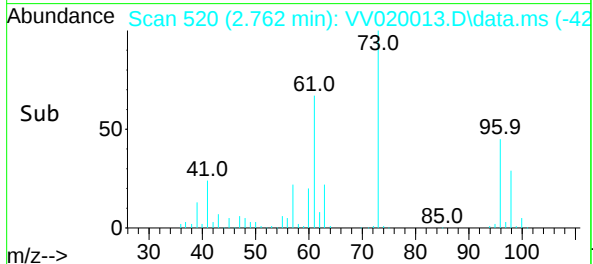
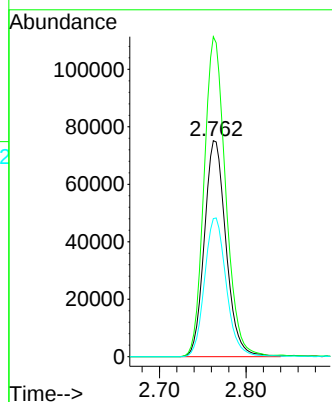
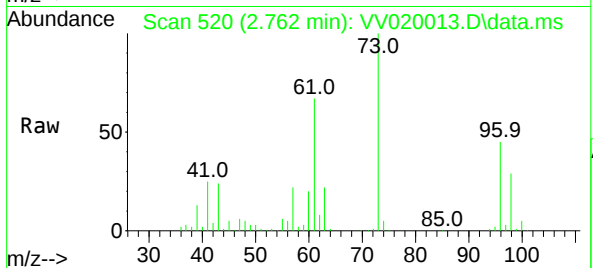


#17

trans-1,2-Dichloroethene
Concen: 49.37 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD05067

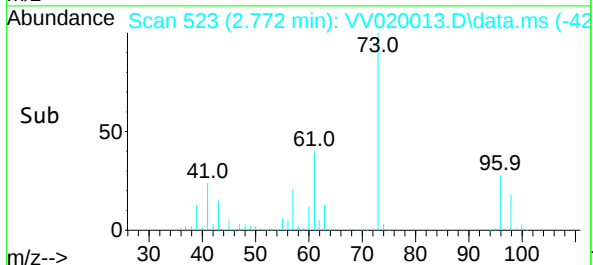
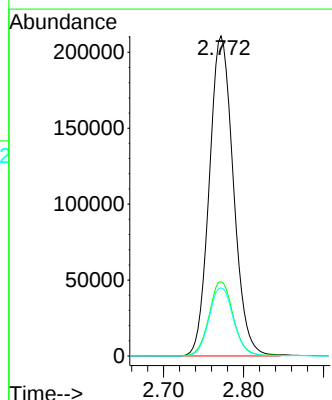
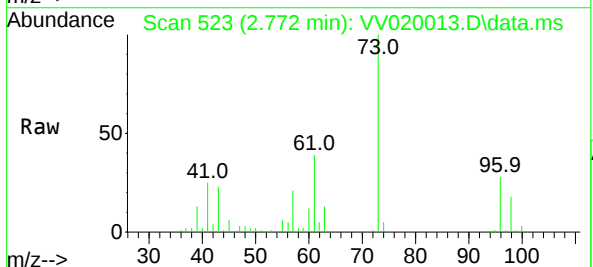
Tgt Ion: 96 Resp: 130526
Ion Ratio Lower Upper
96 100
61 148.1 103.1 191.5
98 63.9 43.1 80.1

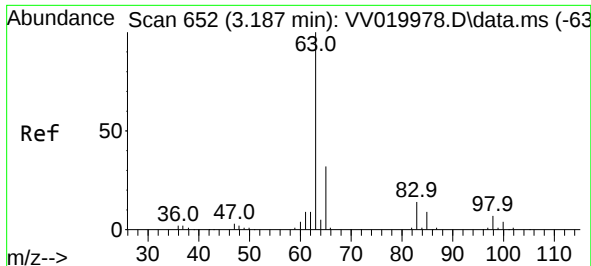


#18

Methyl tert-butyl Ether
Concen: 51.16 ug/L
RT: 2.772 min Scan# 523
Delta R.T. 0.006 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion: 73 Resp: 440496
Ion Ratio Lower Upper
73 100
43 23.1 17.3 25.9
57 21.6 17.9 26.9





#19

1,1-Dichloroethane

Concen: 51.30 ug/L

RT: 3.193 min Scan# 654

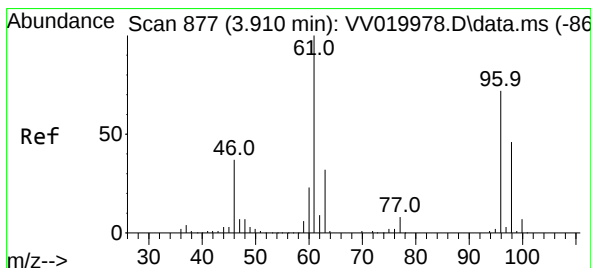
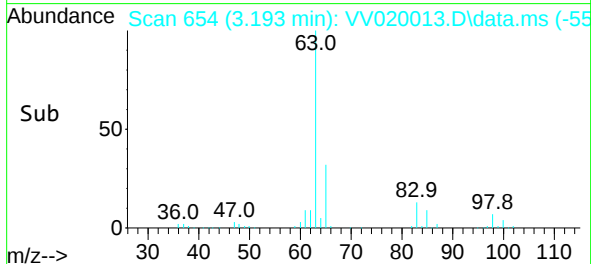
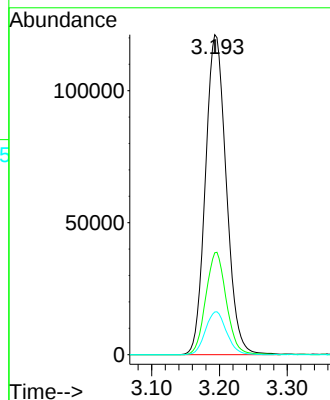
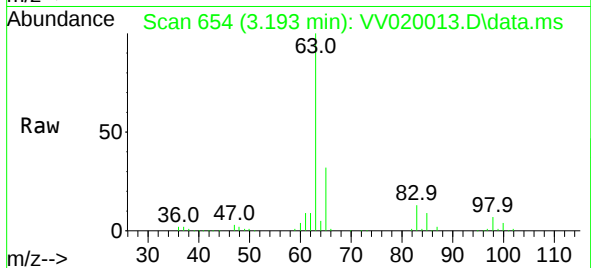
Delta R.T. 0.006 min

Lab File: VV020013.D

Acq: 14 Jan 2021 19:42

Tgt Ion: 63 Resp: 259343

Ion	Ratio	Lower	Upper
63	100		
65	31.9	21.9	40.7
83	13.4	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 50.09 ug/L

RT: 3.916 min Scan# 879

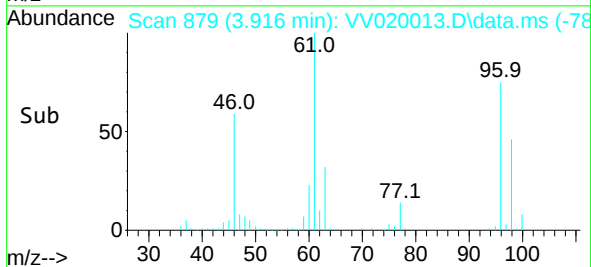
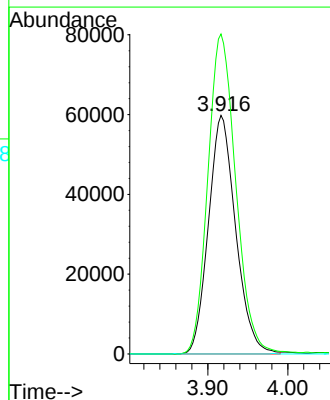
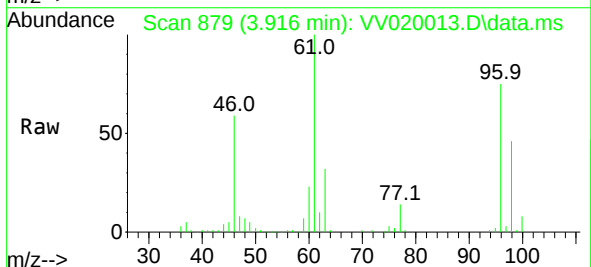
Delta R.T. 0.006 min

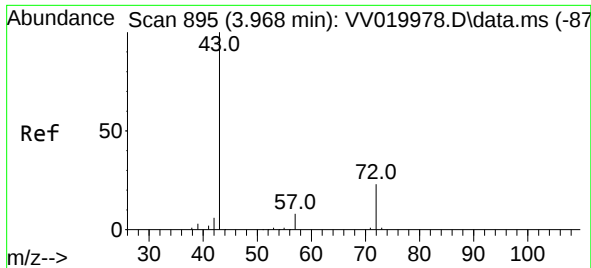
Lab File: VV020013.D

Acq: 14 Jan 2021 19:42

Tgt Ion: 96 Resp: 141430

Ion	Ratio	Lower	Upper
96	100		
61	134.1	96.9	179.9
68	0.0	0.0	0.0

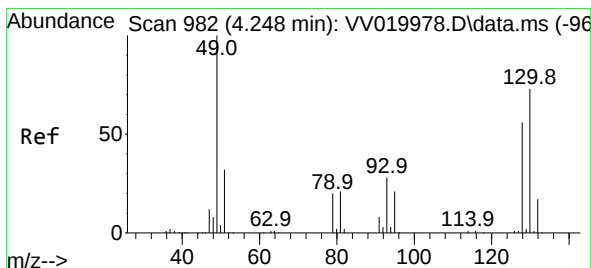
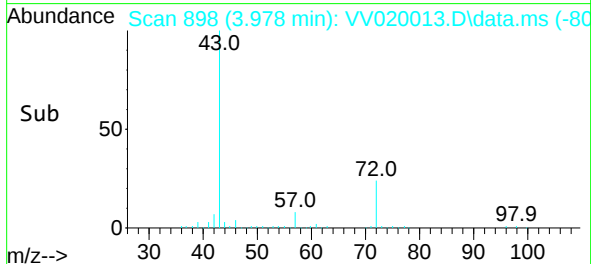
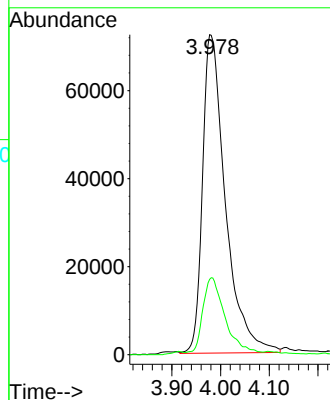
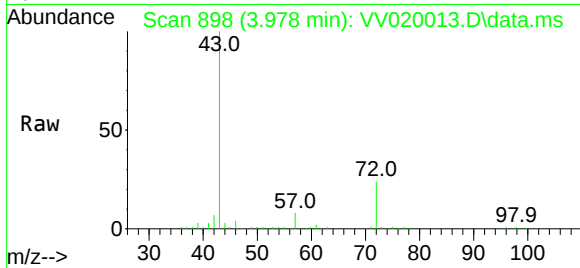




#22
2-Butanone
Concen: 108.46 ug/L
RT: 3.978 min Scan# 898
Delta R.T. 0.009 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

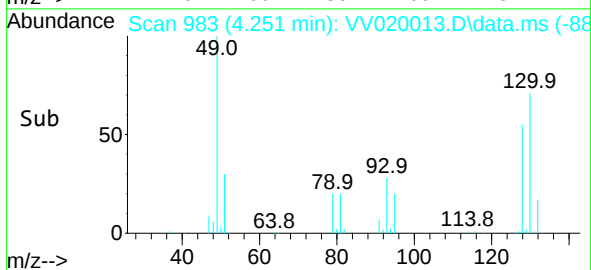
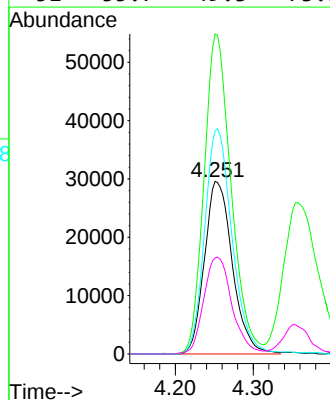
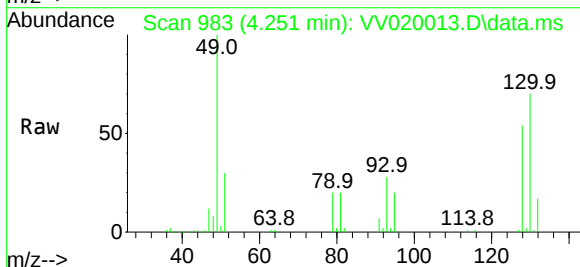
Instrument :
MSVOA_V
ClientSampleId :
VSTD05067

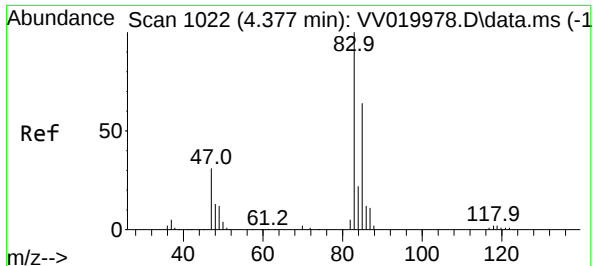
Tgt Ion: 43 Resp: 236333
Ion Ratio Lower Upper
43 100
72 21.5 12.2 36.6



#23
Bromochloromethane
Concen: 49.81 ug/L
RT: 4.251 min Scan# 983
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion: 128 Resp: 73494
Ion Ratio Lower Upper
128 100
49 185.4 133.1 247.1
130 129.4 89.0 165.4
51 55.7 49.3 73.9





#25

Chloroform

Concen: 51.07 ug/L

RT: 4.379 min Scan# 1023

Delta R.T. 0.003 min

Lab File: VV020013.D

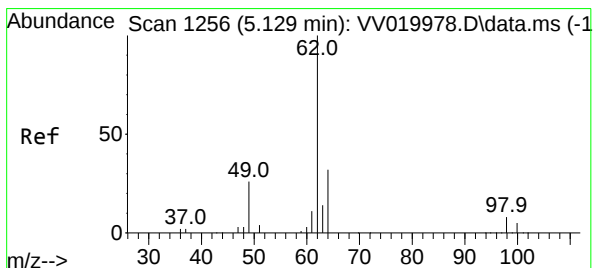
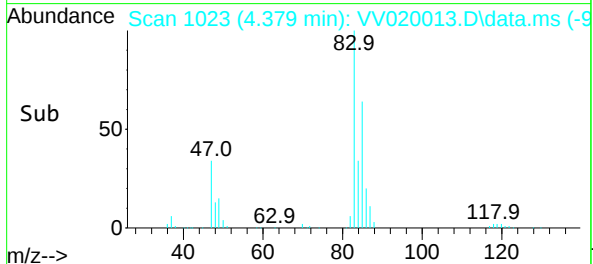
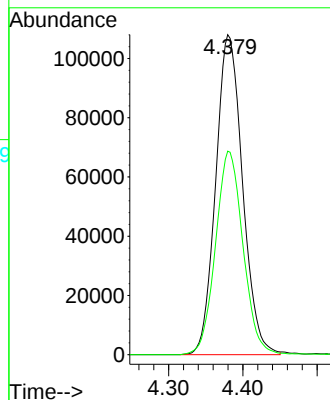
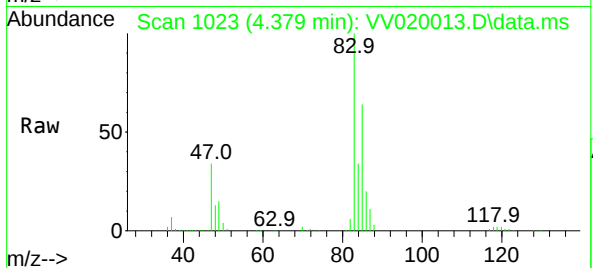
Acq: 14 Jan 2021 19:42

Tgt Ion: 83 Resp: 271444

Ion Ratio Lower Upper

83 100

85 63.6 44.2 82.2



#27

1,2-Dichloroethane

Concen: 53.73 ug/L

RT: 5.135 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VV020013.D

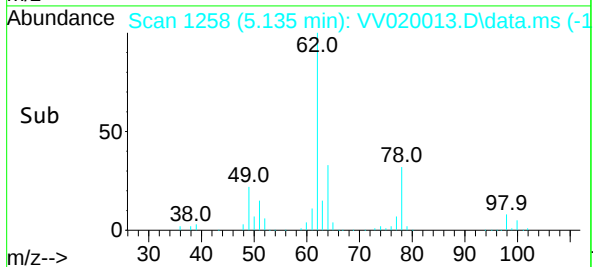
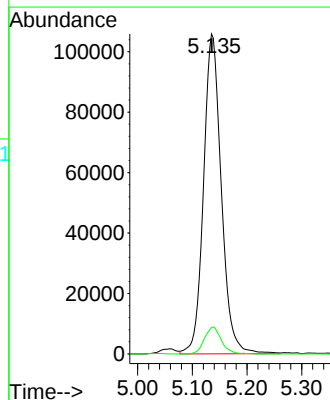
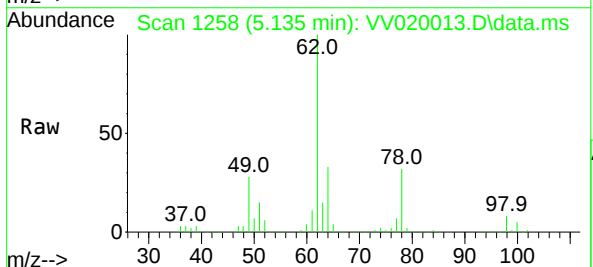
Acq: 14 Jan 2021 19:42

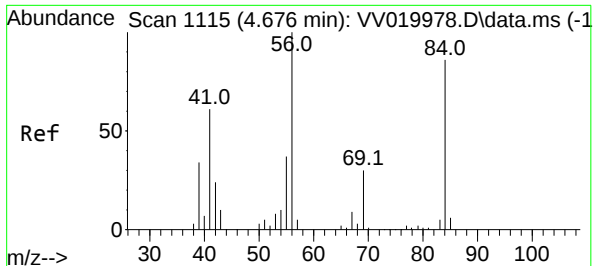
Tgt Ion: 62 Resp: 238633

Ion Ratio Lower Upper

62 100

98 8.2 6.9 10.3





#29

Cyclohexane

Concen: 48.23 ug/L

RT: 4.682 min Scan# 1117

Delta R.T. 0.006 min

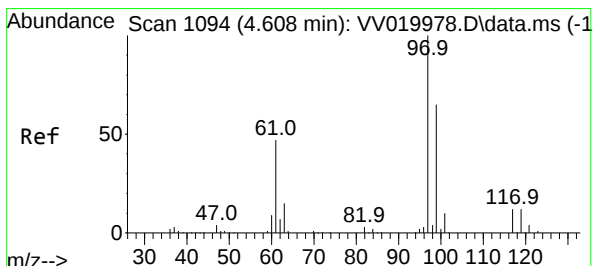
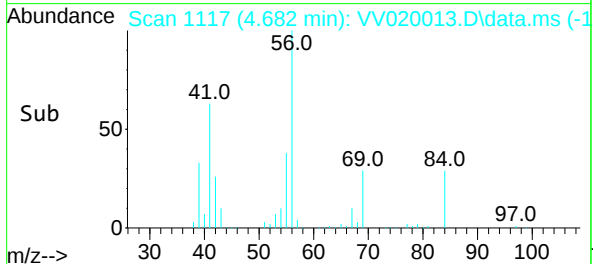
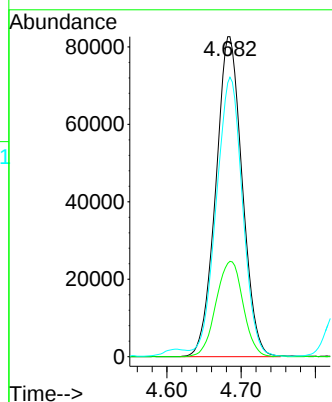
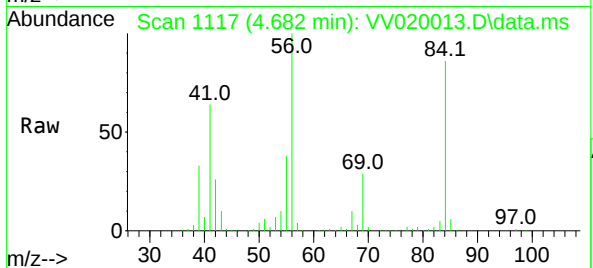
Lab File: VV020013.D

Acq: 14 Jan 2021 19:42

Tgt Ion: 56 Resp: 204331

Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.2	36.2
84	86.6	66.3	99.5

Instrument :
MSVOA_V
ClientSampleId :
VSTD05067



#30

1,1,1-Trichloroethane

Concen: 49.64 ug/L

RT: 4.614 min Scan# 1096

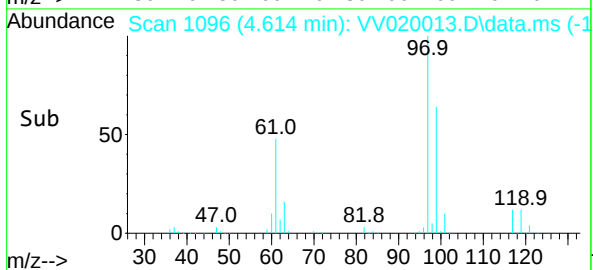
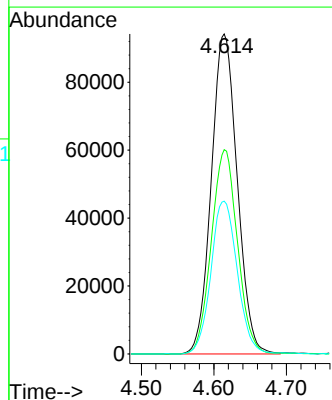
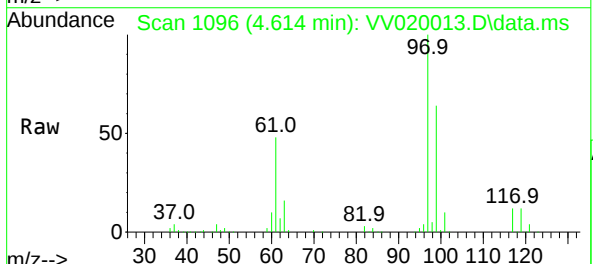
Delta R.T. 0.006 min

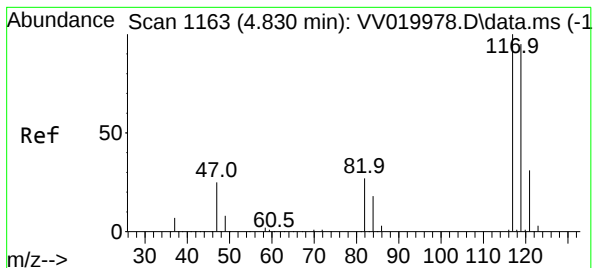
Lab File: VV020013.D

Acq: 14 Jan 2021 19:42

Tgt Ion: 97 Resp: 233987

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.2	76.8
61	48.6	38.5	57.7





#31

Carbon tetrachloride

Concen: 48.32 ug/L

RT: 4.836 min Scan# 1165

Delta R.T. 0.006 min

Lab File: VV020013.D

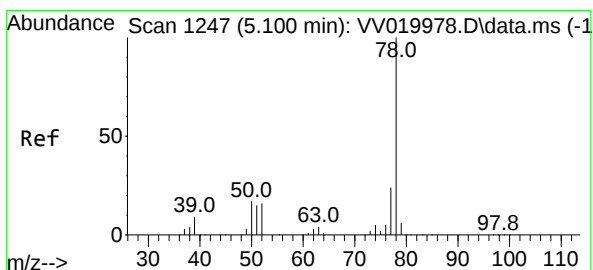
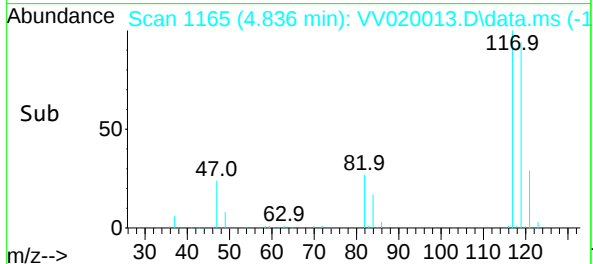
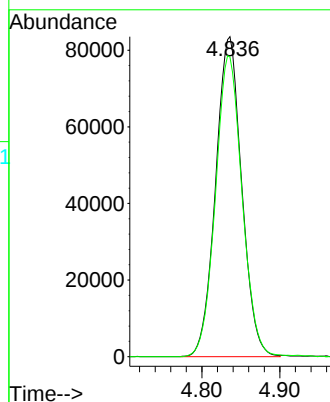
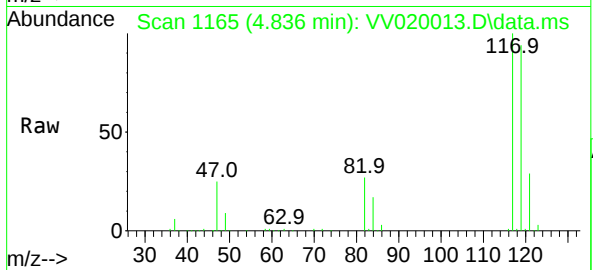
Acq: 14 Jan 2021 19:42

Tgt Ion:117 Resp: 194199

Ion Ratio Lower Upper

117 100

119 95.9 76.3 114.5



#33

Benzene

Concen: 52.75 ug/L

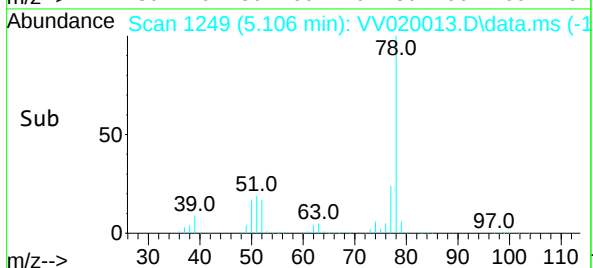
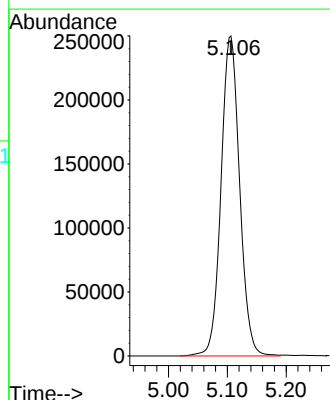
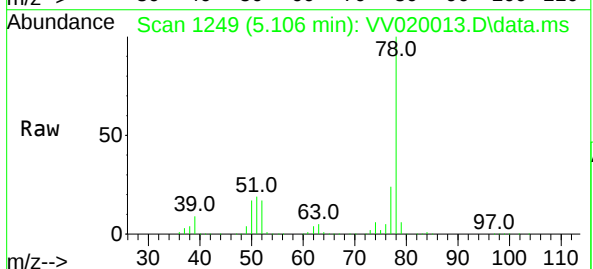
RT: 5.106 min Scan# 1249

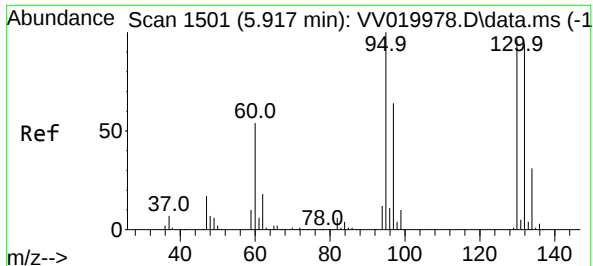
Delta R.T. 0.006 min

Lab File: VV020013.D

Acq: 14 Jan 2021 19:42

Tgt Ion: 78 Resp: 548725





#34

Trichloroethene

Concen: 49.69 ug/L

RT: 5.920 min Scan# 1502

Delta R.T. 0.003 min

Lab File: VV020013.D

Acq: 14 Jan 2021 19:42

Tgt Ion: 95 Resp: 148125

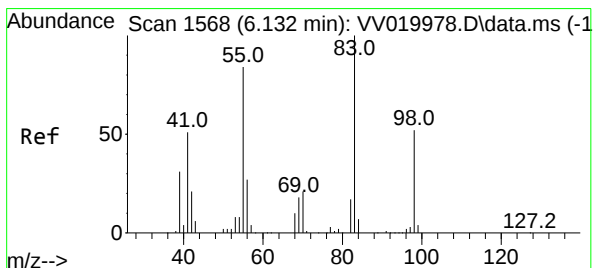
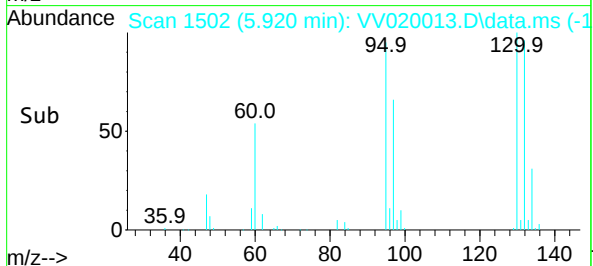
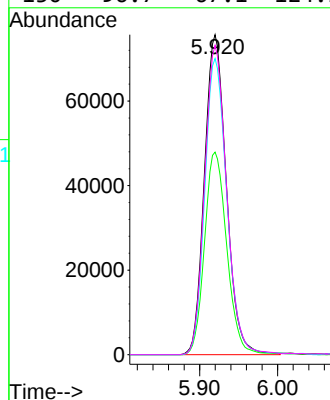
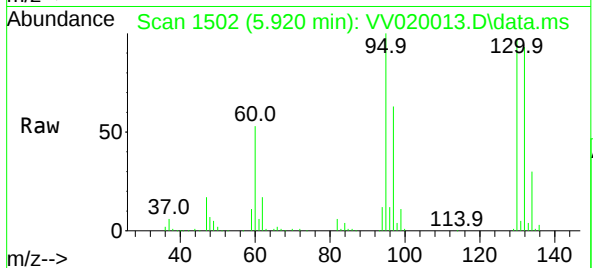
Ion Ratio Lower Upper

95 100

97 63.3 44.5 82.7

132 92.6 63.4 117.8

130 96.7 67.1 124.5



#35

Methylcyclohexane

Concen: 48.53 ug/L

RT: 6.135 min Scan# 1569

Delta R.T. 0.003 min

Lab File: VV020013.D

Acq: 14 Jan 2021 19:42

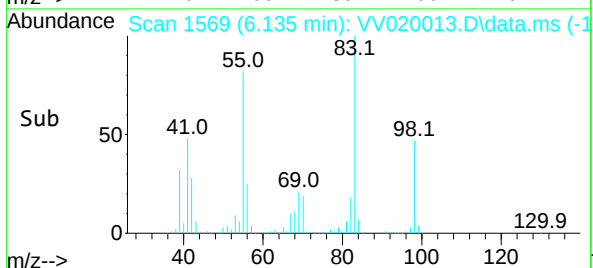
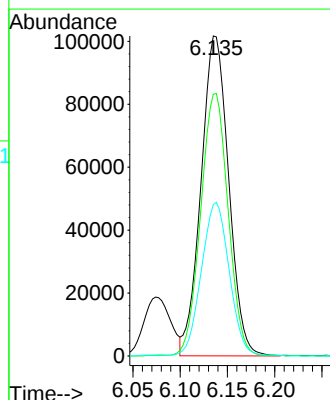
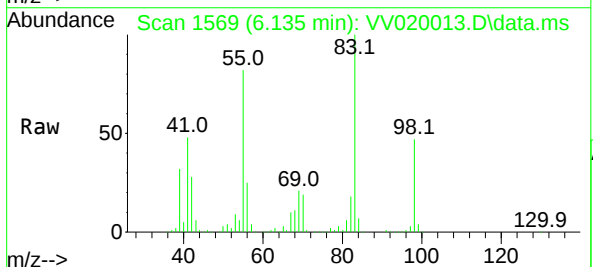
Tgt Ion: 83 Resp: 206728

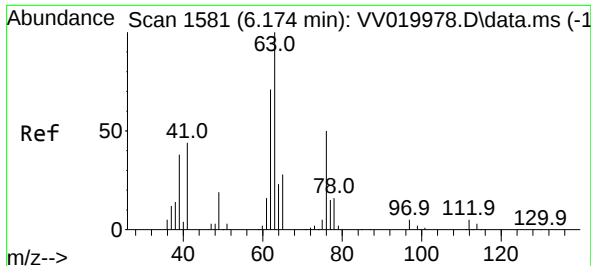
Ion Ratio Lower Upper

83 100

55 81.5 65.1 97.7

98 48.5 38.2 57.2

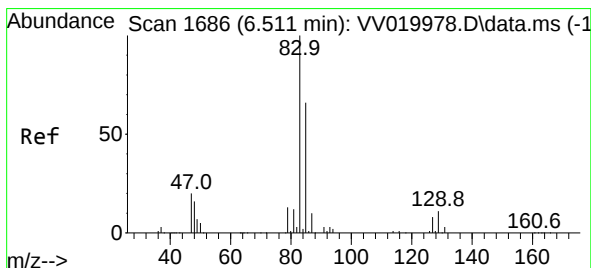
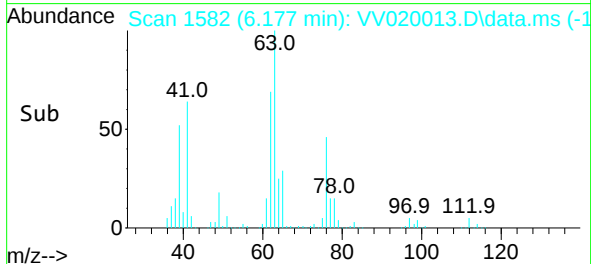
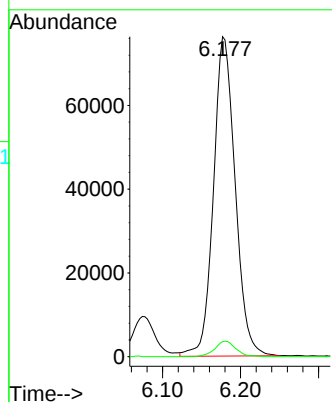
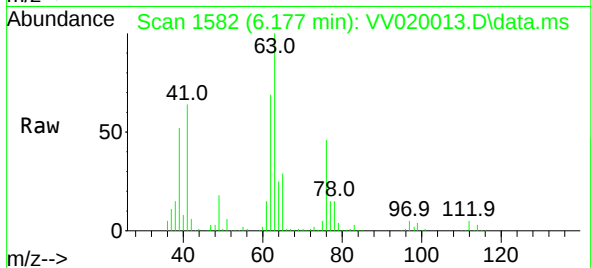




#37
1,2-Dichloropropane
Concen: 54.71 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

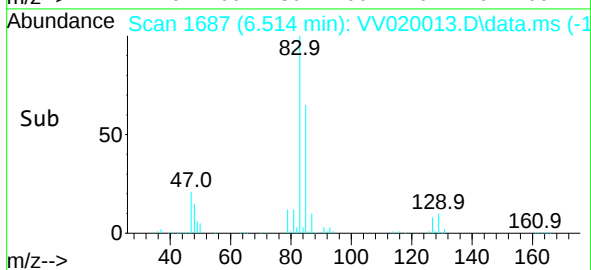
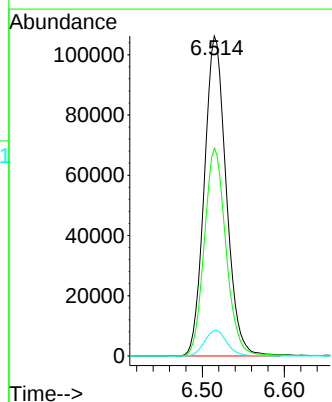
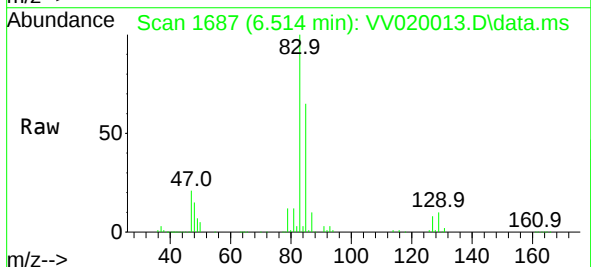
Instrument :
MSVOA_V
ClientSampleId :
VSTD05067

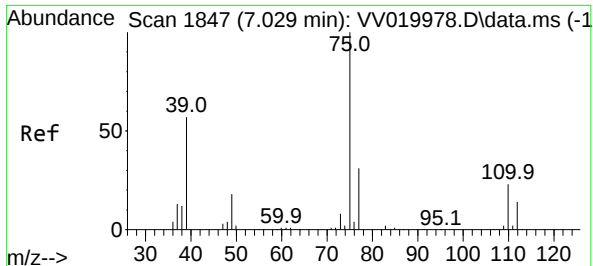
Tgt Ion: 63 Resp: 147610
Ion Ratio Lower Upper
63 100
112 4.7 3.3 4.9



#38
Bromodichloromethane
Concen: 50.50 ug/L
RT: 6.514 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion: 83 Resp: 196810
Ion Ratio Lower Upper
83 100
85 64.9 44.5 82.7
127 8.0 6.3 9.5

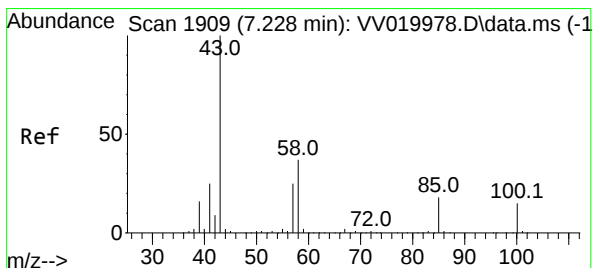
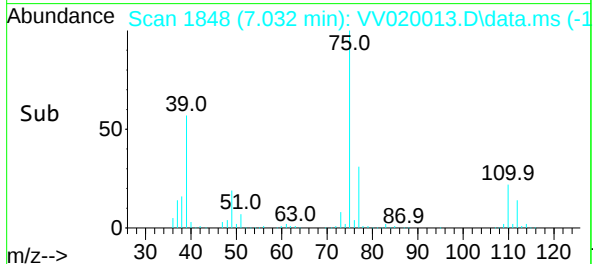
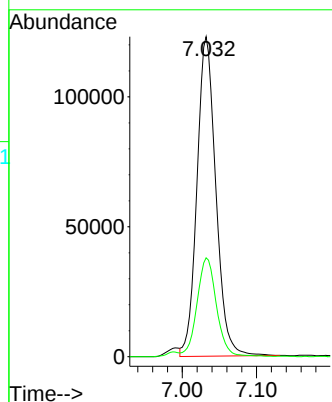
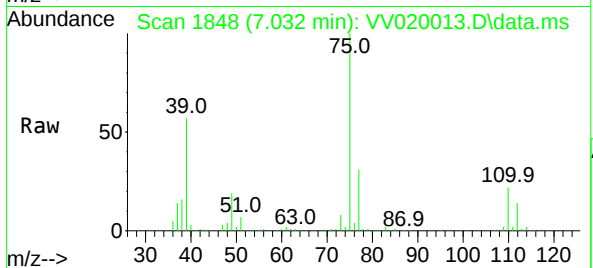




#39
cis-1,3-Dichloropropene
Concen: 51.47 ug/L
RT: 7.032 min Scan# 1848
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

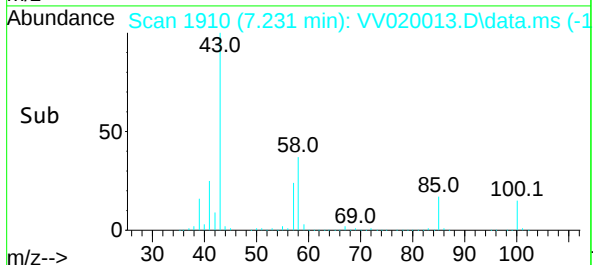
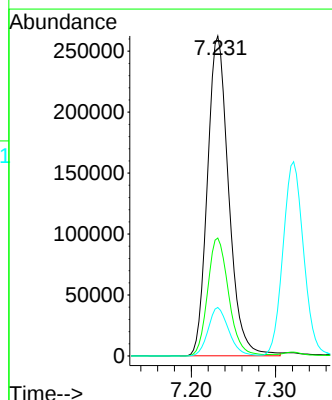
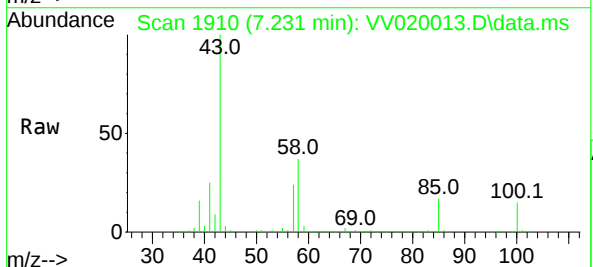
Instrument :
MSVOA_V
ClientSampleId :
VSTD05067

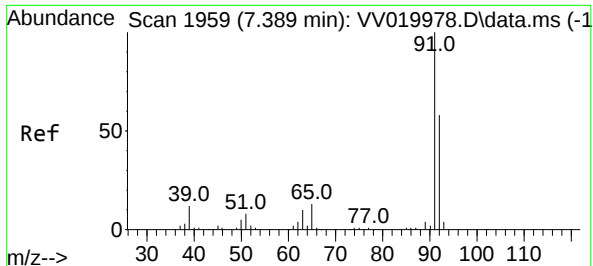
Tgt Ion: 75 Resp: 217461
Ion Ratio Lower Upper
75 100
77 30.9 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 110.99 ug/L
RT: 7.231 min Scan# 1910
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion: 43 Resp: 460121
Ion Ratio Lower Upper
43 100
58 36.5 30.7 46.1
100 14.8 11.6 17.4





#42

Toluene

Concen: 51.02 ug/L

RT: 7.392 min Scan# 1960

Delta R.T. 0.003 min

Lab File: VV020013.D

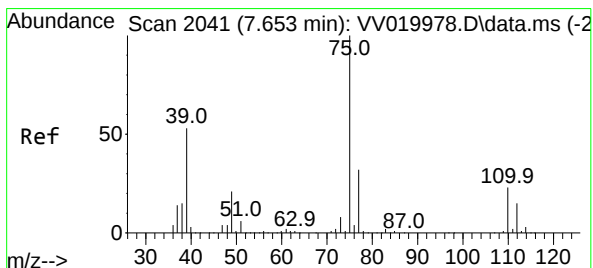
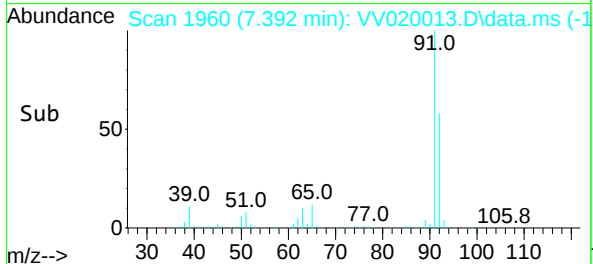
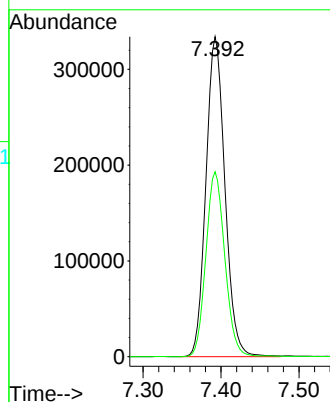
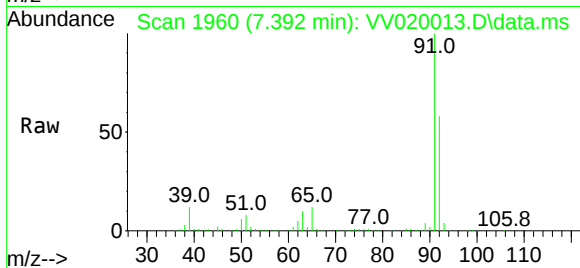
Acq: 14 Jan 2021 19:42

Tgt Ion: 91 Resp: 565146

Ion Ratio Lower Upper

91 100

92 57.8 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 50.11 ug/L

RT: 7.656 min Scan# 2042

Delta R.T. 0.003 min

Lab File: VV020013.D

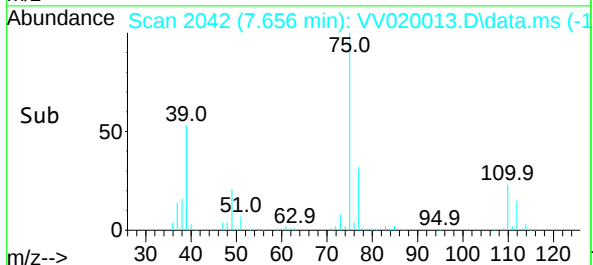
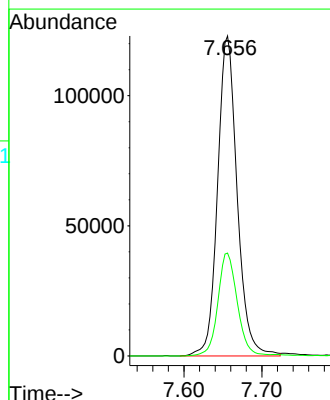
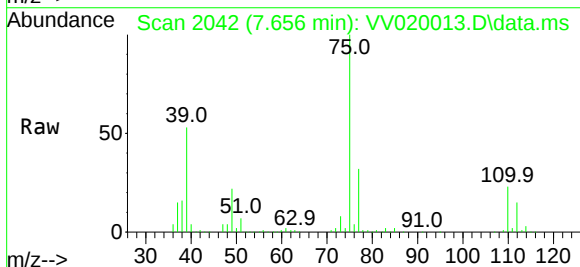
Acq: 14 Jan 2021 19:42

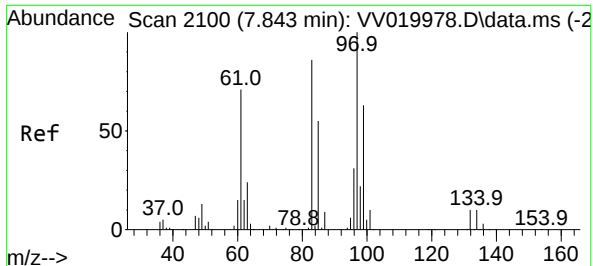
Tgt Ion: 75 Resp: 214766

Ion Ratio Lower Upper

75 100

77 32.2 22.0 41.0



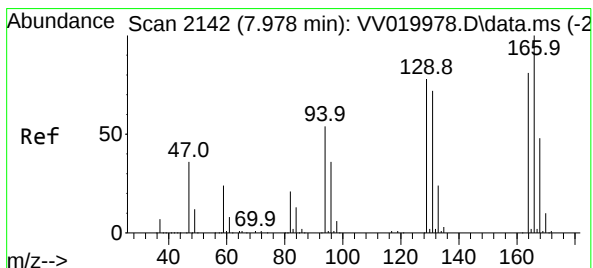
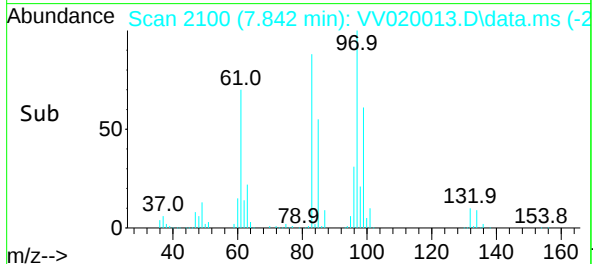
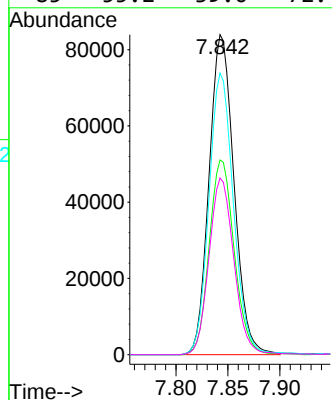
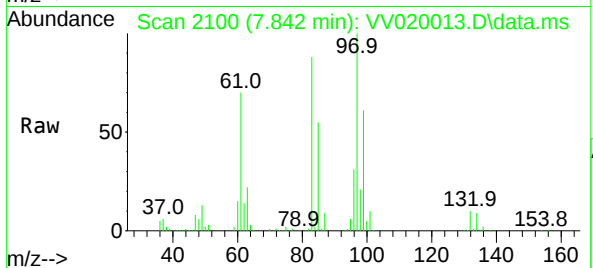


#45
1,1,2-Trichloroethane
Concen: 52.77 ug/L
RT: 7.842 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD05067

Tgt Ion: 97 Resp: 139950

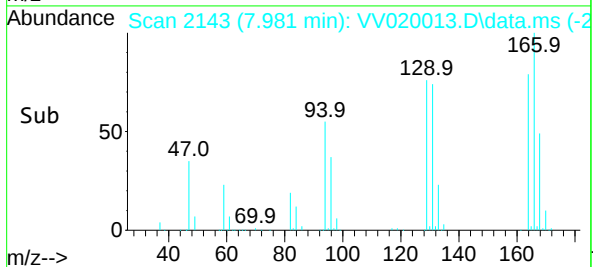
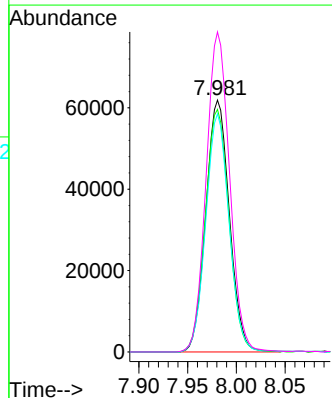
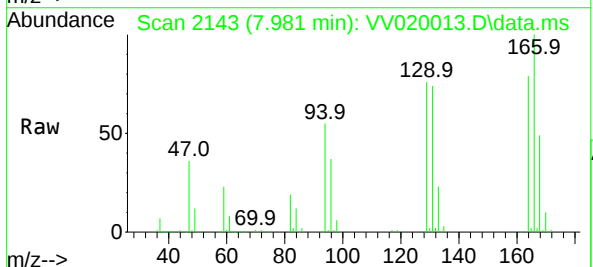
Ion	Ratio	Lower	Upper
97	100		
99	60.8	43.8	81.3
83	87.9	62.2	115.4
85	55.2	39.0	72.4

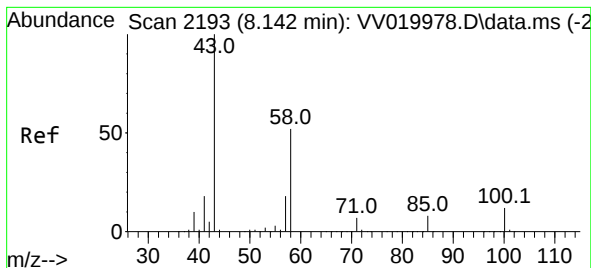


#46
Tetrachloroethene
Concen: 48.73 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion: 164 Resp: 104278

Ion	Ratio	Lower	Upper
164	100		
129	96.3	70.6	131.0
131	94.5	66.8	124.0
166	127.1	88.2	163.8





#48

2-Hexanone

Concen: 109.25 ug/L

RT: 8.145 min Scan# 2194

Delta R.T. 0.003 min

Lab File: VV020013.D

Acq: 14 Jan 2021 19:42

Tgt Ion: 43 Resp: 356273

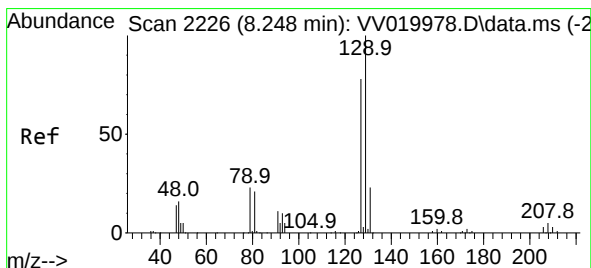
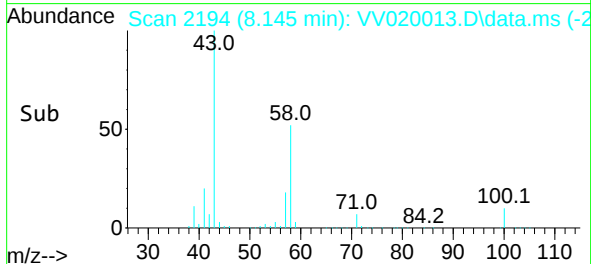
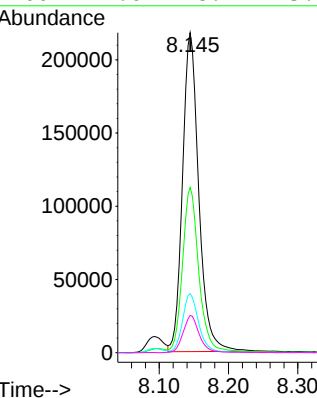
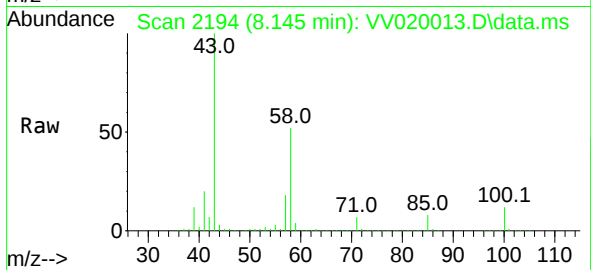
Ion Ratio Lower Upper

43 100

58 51.2 41.8 62.6

57 17.7 15.0 22.4

100 11.6 8.9 13.3



#49

Dibromochloromethane

Concen: 49.93 ug/L

RT: 8.251 min Scan# 2227

Delta R.T. 0.003 min

Lab File: VV020013.D

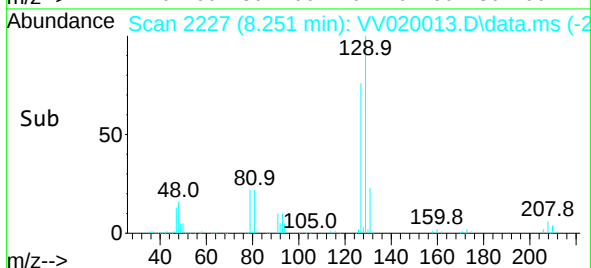
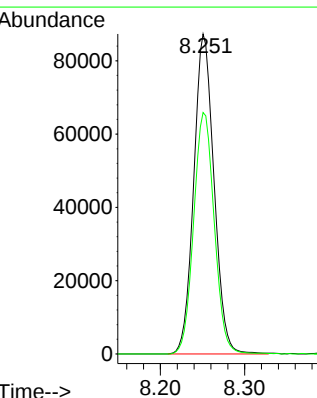
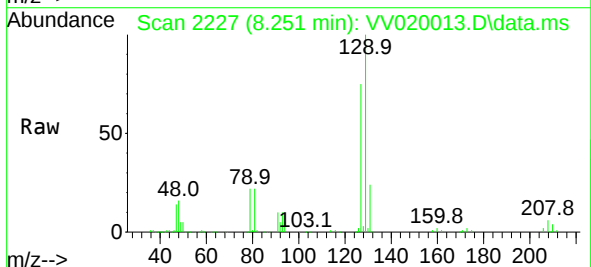
Acq: 14 Jan 2021 19:42

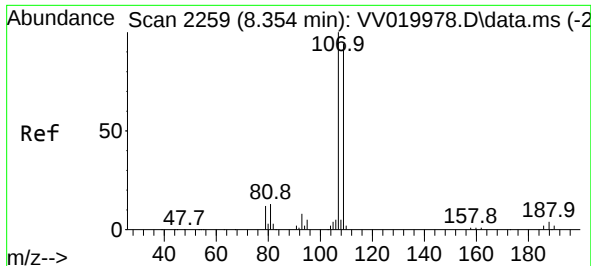
Tgt Ion: 129 Resp: 146232

Ion Ratio Lower Upper

129 100

127 75.4 55.2 102.6

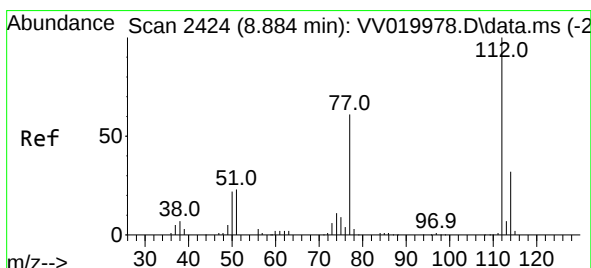
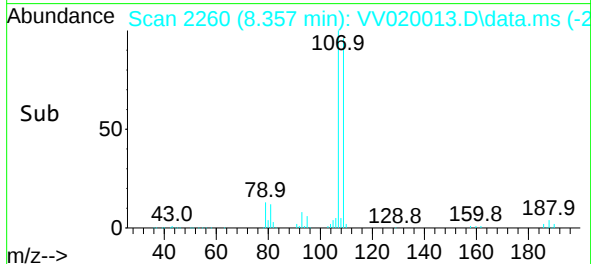
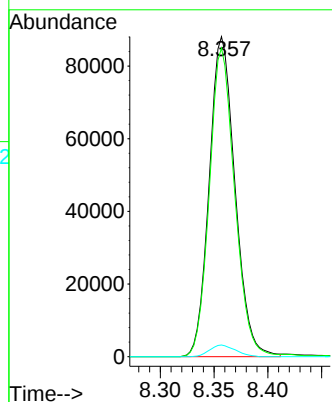
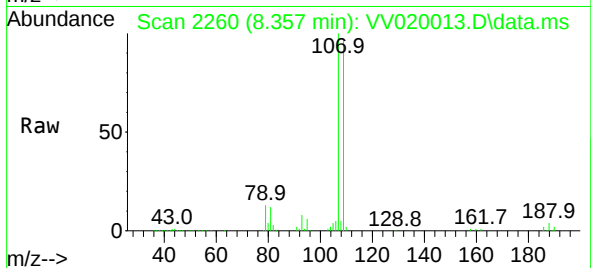




#50
1,2-Dibromoethane
Concen: 51.68 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

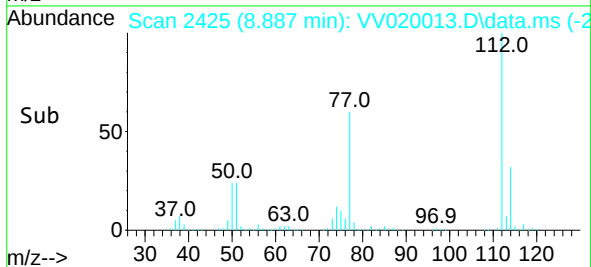
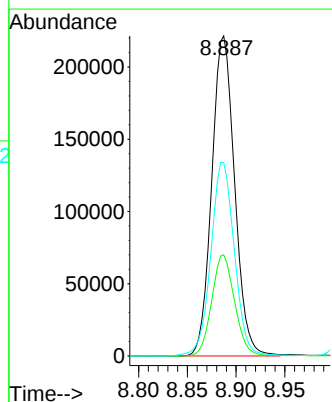
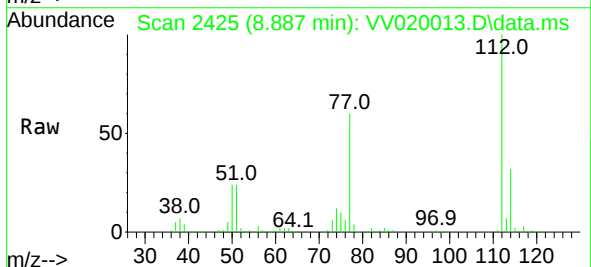
Instrument :
MSVOA_V
ClientSampleId :
VSTD05067

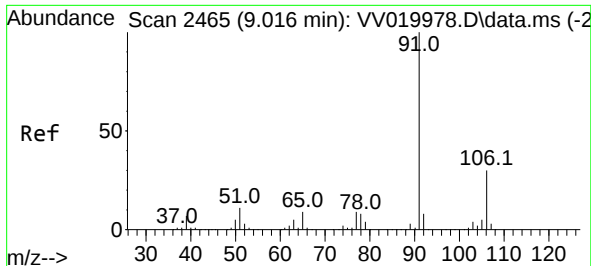
Tgt Ion:107 Resp: 147040
Ion Ratio Lower Upper
107 100
109 96.4 66.2 123.0
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 49.40 ug/L
RT: 8.887 min Scan# 2425
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion:112 Resp: 362453
Ion Ratio Lower Upper
112 100
114 31.6 22.2 41.2
77 60.5 49.0 73.6

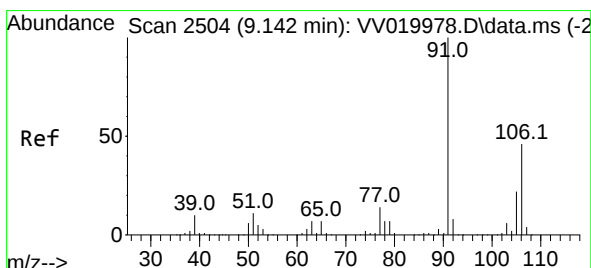
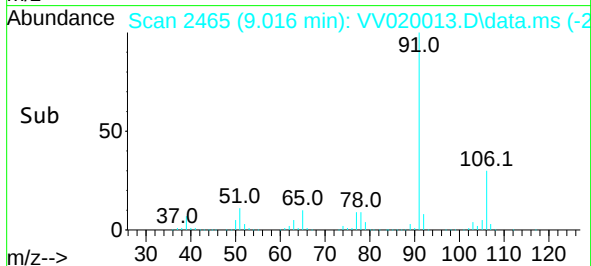
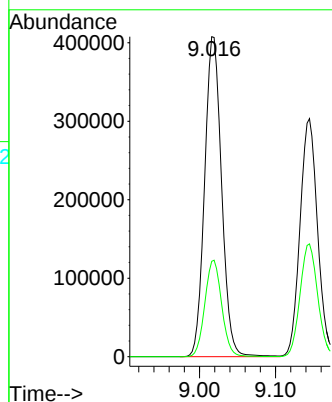
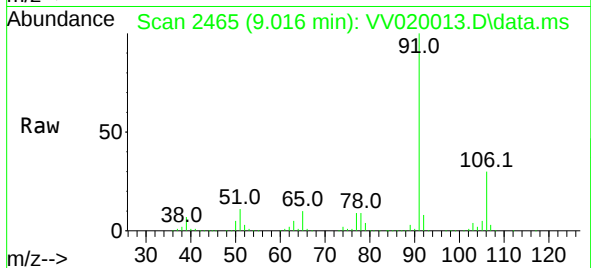




#52
Ethylbenzene
Concen: 50.31 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. -0.000 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

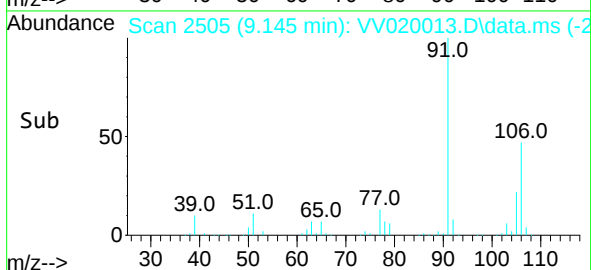
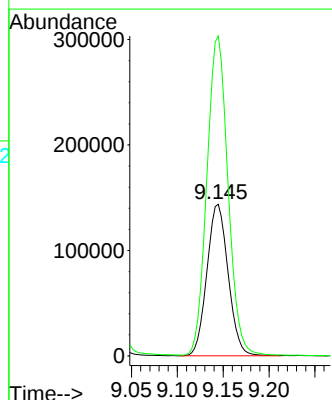
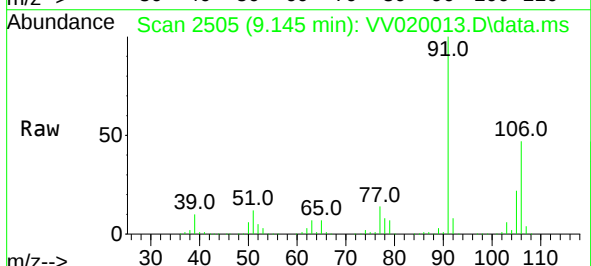
Instrument :
MSVOA_V
ClientSampleId :
VSTD05067

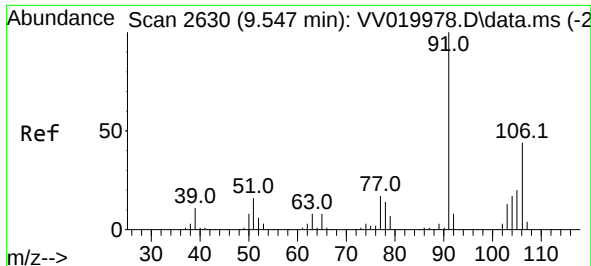
Tgt Ion: 91 Resp: 632836
Ion Ratio Lower Upper
91 100
106 29.8 21.0 39.0



#53
m,p-Xylene
Concen: 50.42 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion: 106 Resp: 231641
Ion Ratio Lower Upper
106 100
91 210.9 148.1 275.0

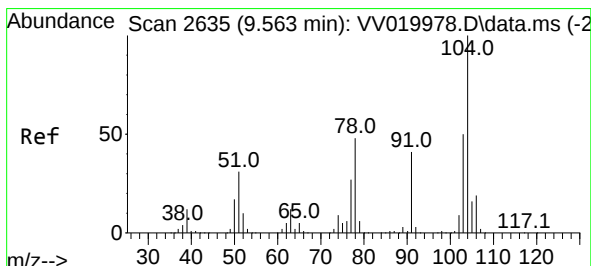
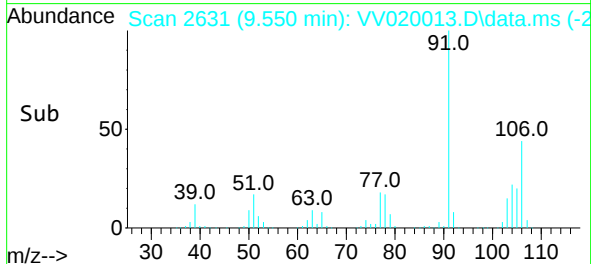
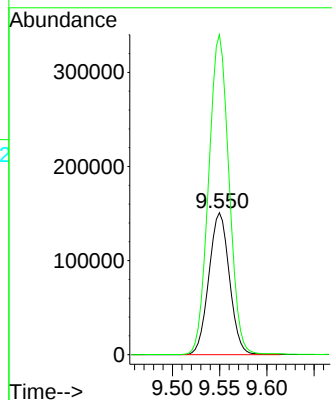
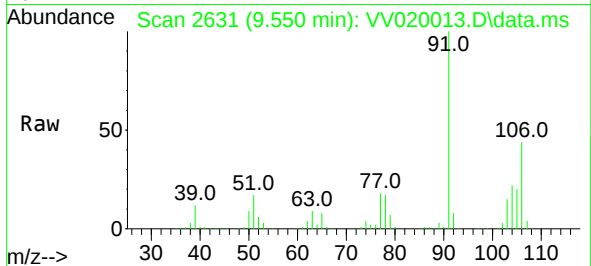




#54
o-xylene
Concen: 50.51 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

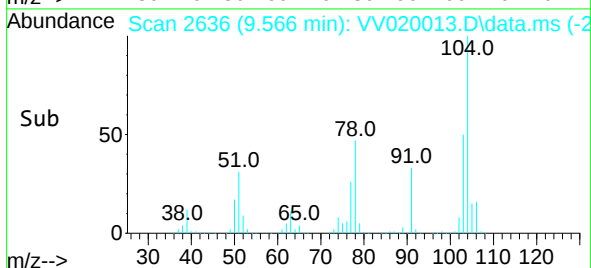
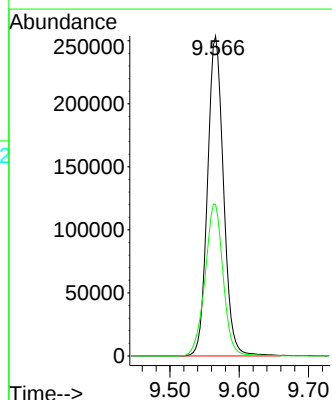
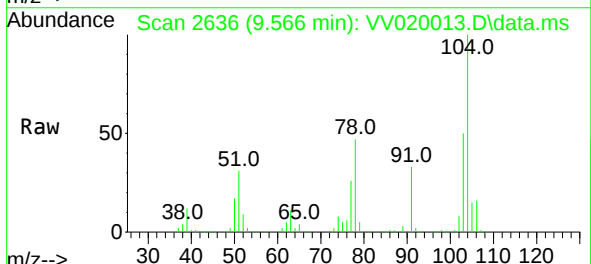
Instrument :
MSVOA_V
ClientSampleId :
VSTD05067

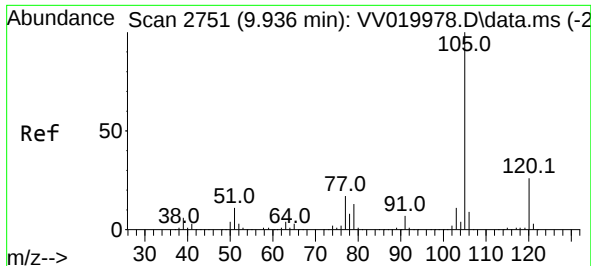
Tgt Ion:106 Resp: 228499
Ion Ratio Lower Upper
106 100
91 225.6 156.4 290.6



#55
Styrene
Concen: 51.89 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion:104 Resp: 405766
Ion Ratio Lower Upper
104 100
78 47.4 33.7 62.5

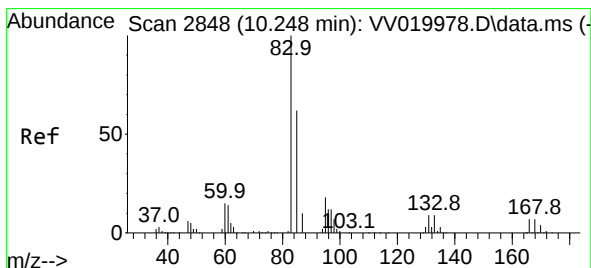
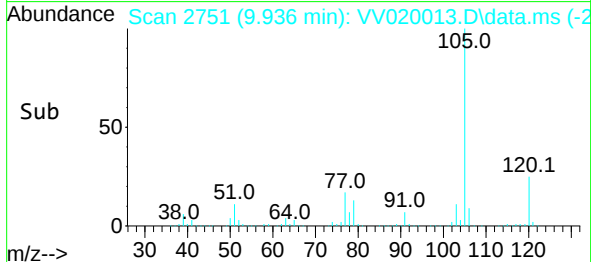
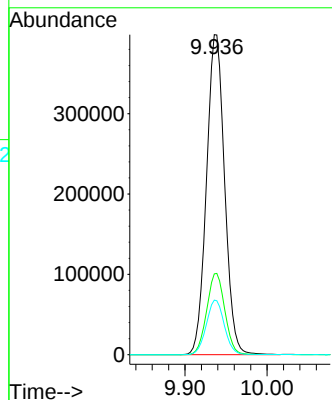
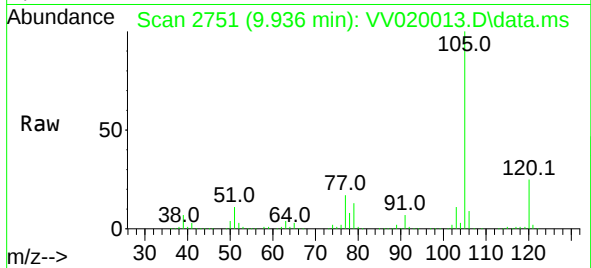




#56
Isopropylbenzene
Concen: 50.03 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. -0.000 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

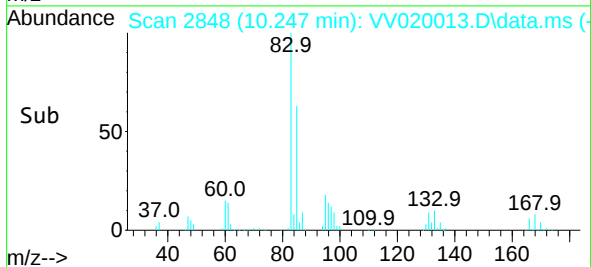
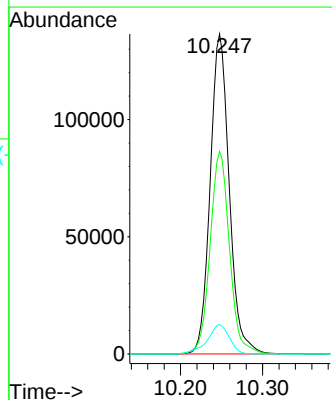
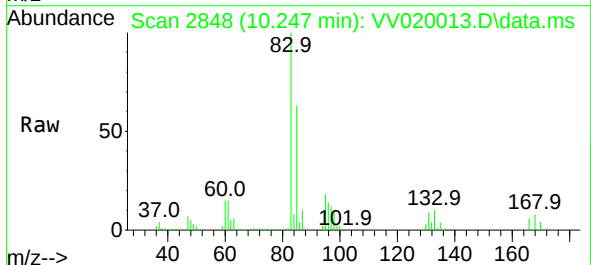
Instrument :
MSVOA_V
ClientSampleId :
VSTD05067

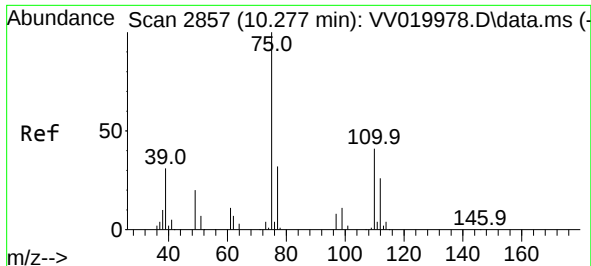
Tgt Ion:105 Resp: 612142
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7
77 17.0 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 53.02 ug/L
RT: 10.247 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion: 83 Resp: 220138
Ion Ratio Lower Upper
83 100
85 63.3 44.3 82.3
131 9.2 7.3 10.9

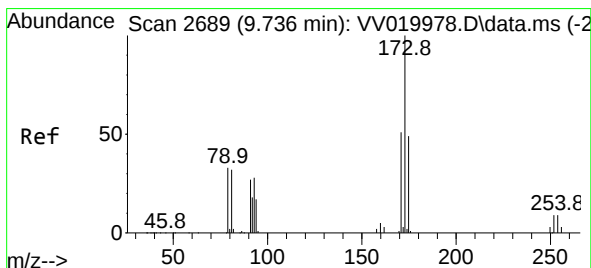
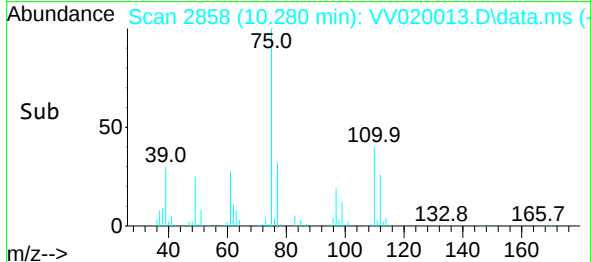
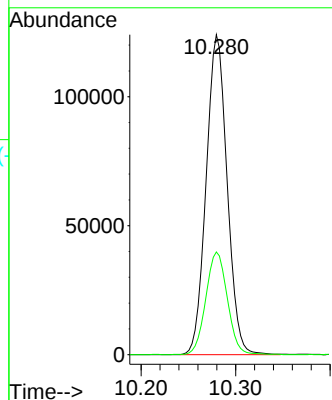
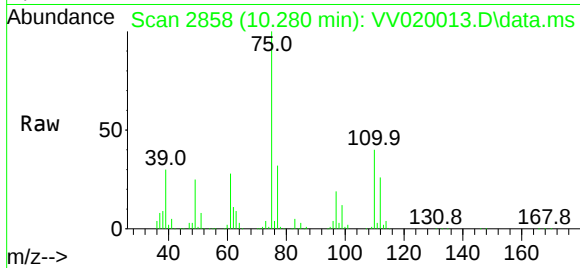




#59
1,2,3-Trichloropropane
Concen: 52.06 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

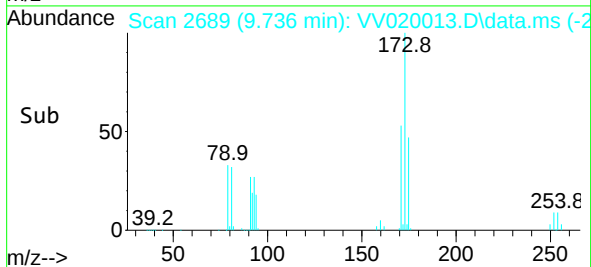
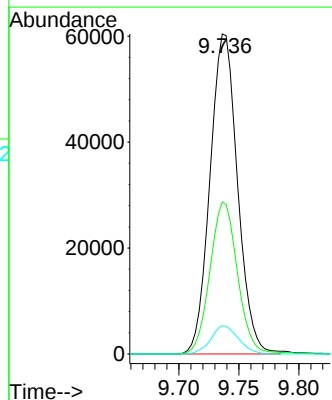
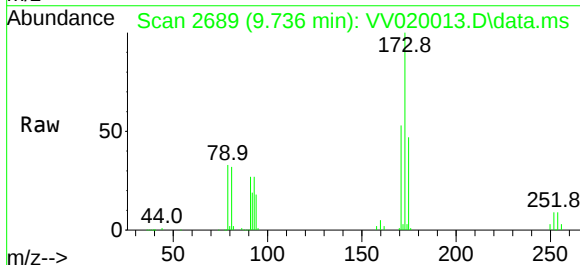
Instrument :
MSVOA_V
ClientSampleId :
VSTD05067

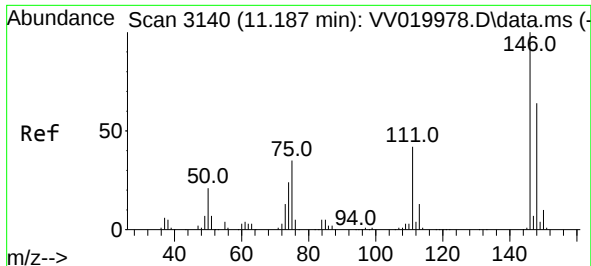
Tgt Ion: 75 Resp: 191037
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0



#61
Bromoform
Concen: 48.41 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. -0.000 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion: 173 Resp: 96404
Ion Ratio Lower Upper
173 100
175 47.4 38.6 57.8
254 8.8 6.5 9.7

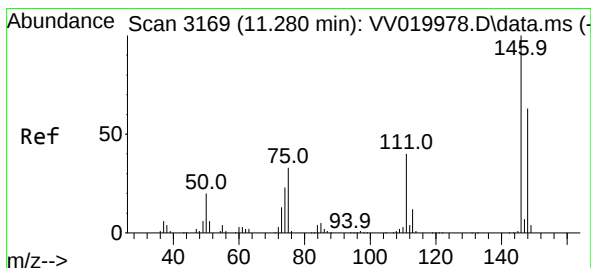
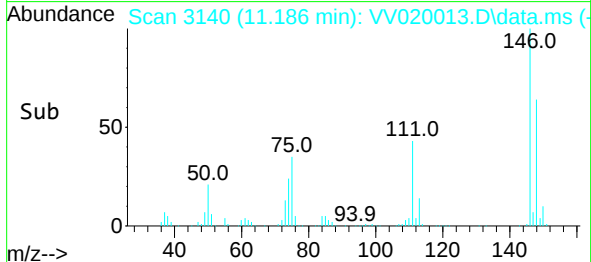
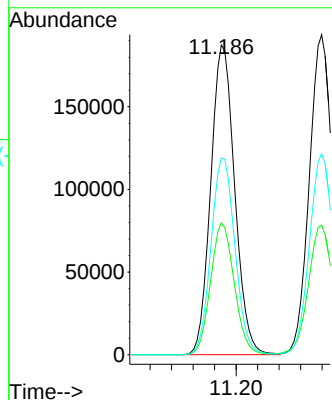
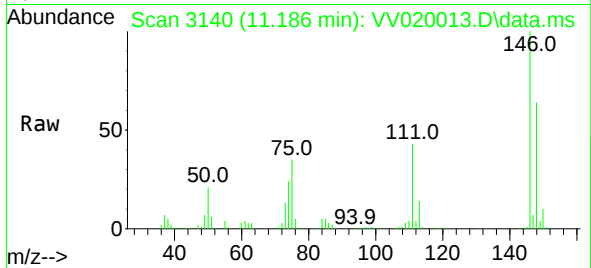




#62
1,3-Dichlorobenzene
Concen: 49.41 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. -0.000 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

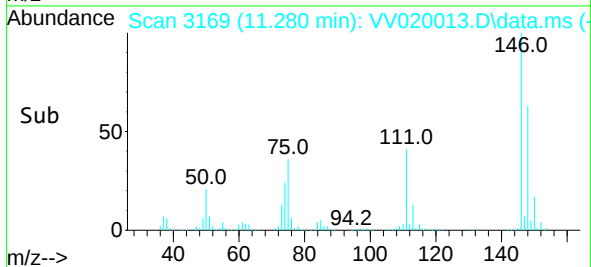
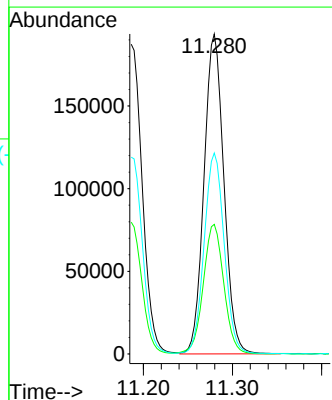
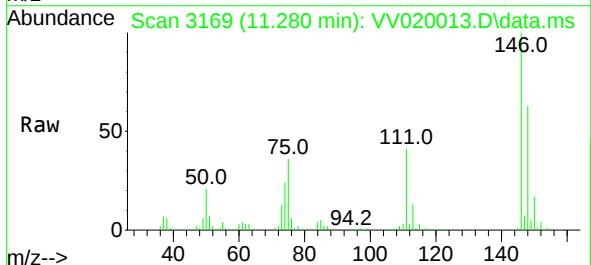
Instrument :
MSVOA_V
ClientSampleId :
VSTD05067

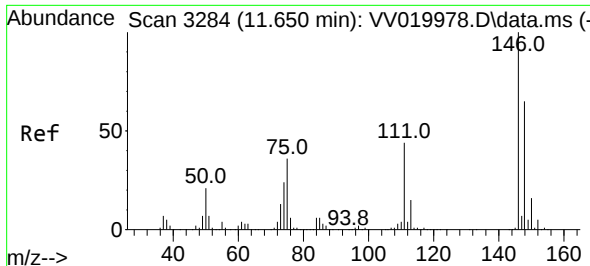
Tgt Ion:146 Resp: 290026
Ion Ratio Lower Upper
146 100
111 42.6 30.2 56.2
148 63.5 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 49.74 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion:146 Resp: 299599
Ion Ratio Lower Upper
146 100
111 40.5 29.4 54.6
148 62.8 44.7 83.1

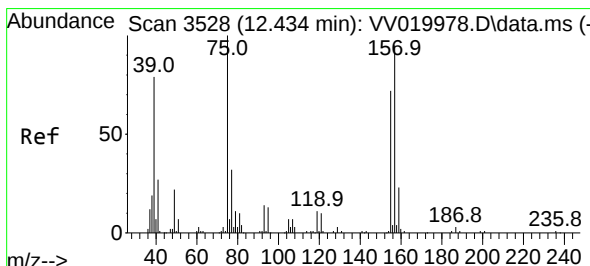
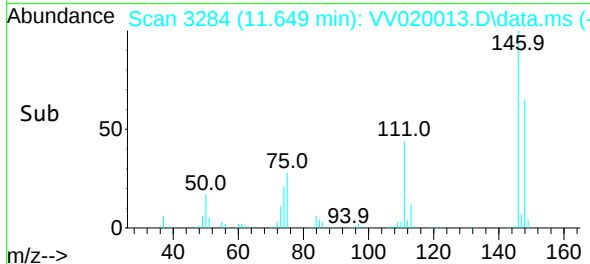
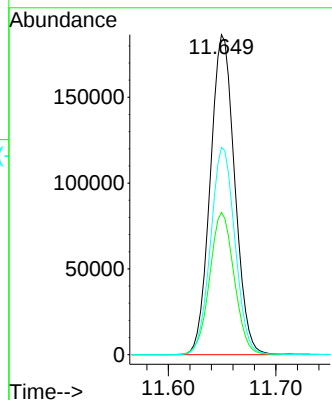
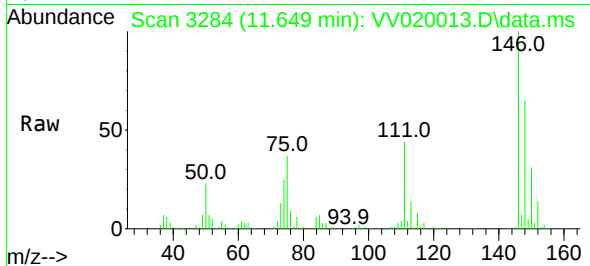




#65
1,2-Dichlorobenzene
Concen: 49.83 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. -0.000 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

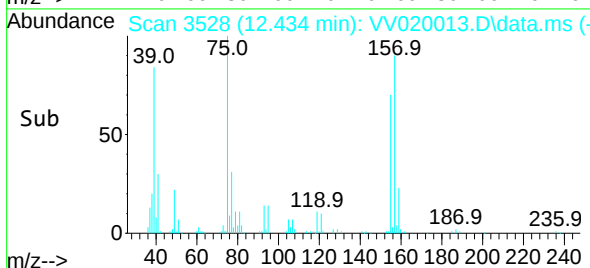
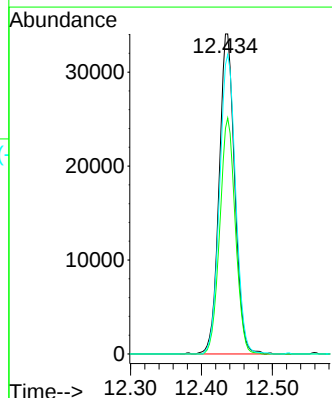
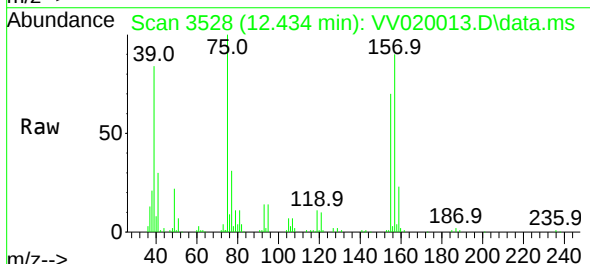
Instrument :
MSVOA_V
ClientSampleId :
VSTD05067

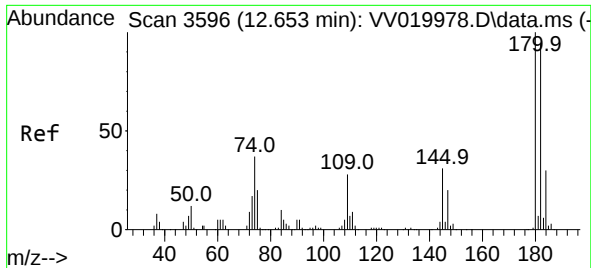
Tgt Ion:146 Resp: 294624
Ion Ratio Lower Upper
146 100
111 44.4 36.3 54.5
148 64.8 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 50.73 ug/L
RT: 12.434 min Scan# 3528
Delta R.T. -0.000 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion: 75 Resp: 52173
Ion Ratio Lower Upper
75 100
155 70.5 59.1 88.7
157 90.4 75.4 113.0

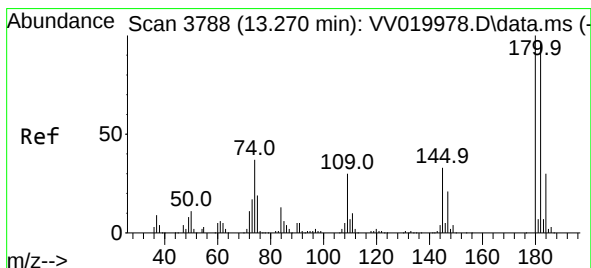
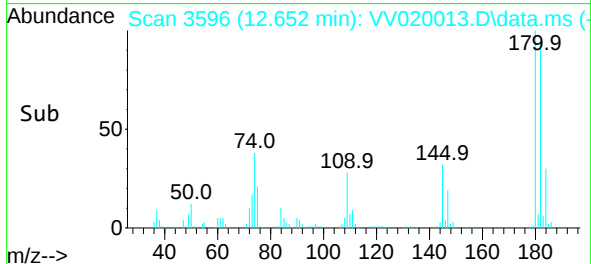
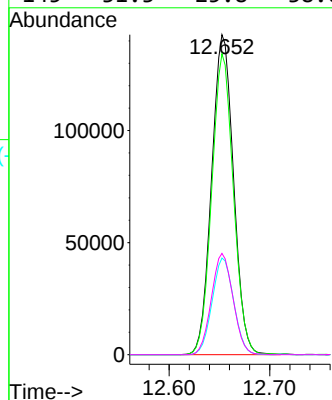
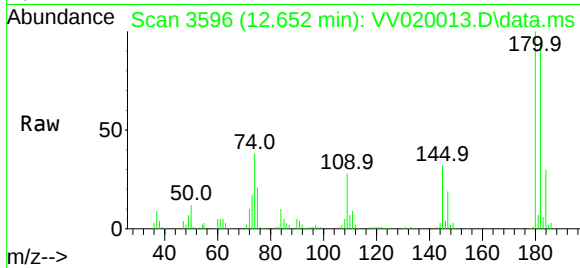




#67
1,3,5-Trichlorobenzene
Concen: 48.91 ug/L
RT: 12.652 min Scan# 3596
Delta R.T. -0.000 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

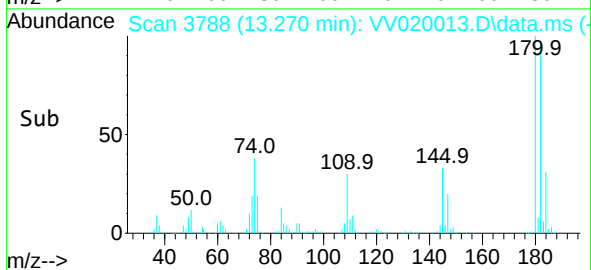
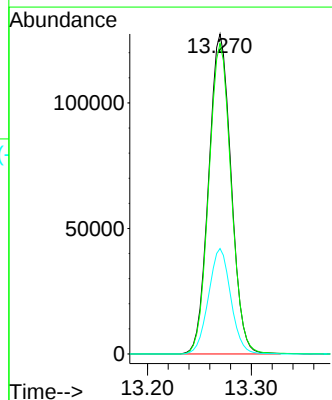
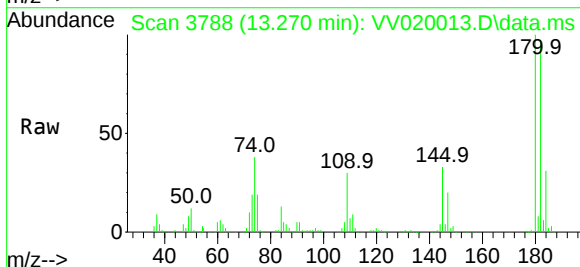
Instrument :
MSVOA_V
ClientSampleId :
VSTD05067

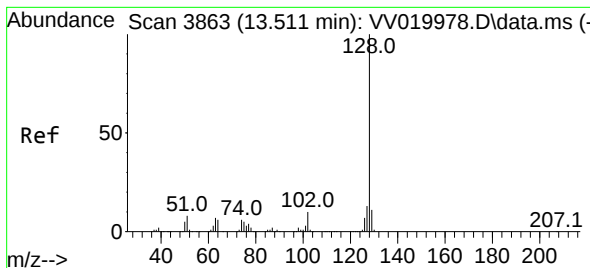
Tgt Ion:180 Resp: 215588
Ion Ratio Lower Upper
180 100
182 92.8 75.0 112.6
184 29.7 24.0 36.0
145 31.3 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 48.93 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion:180 Resp: 190697
Ion Ratio Lower Upper
180 100
182 96.8 75.1 112.7
145 32.8 26.8 40.2

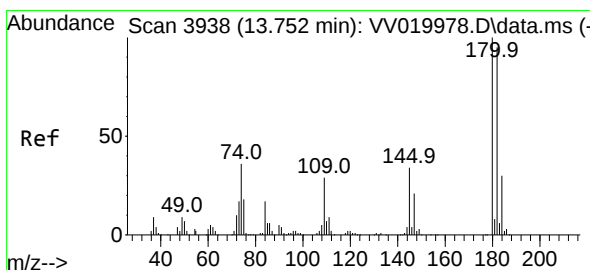
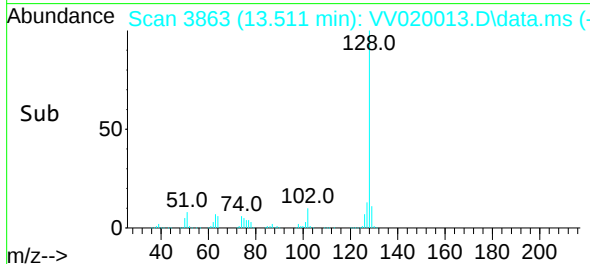
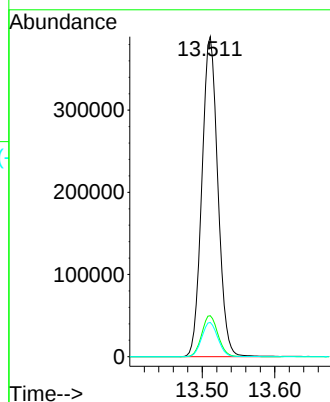
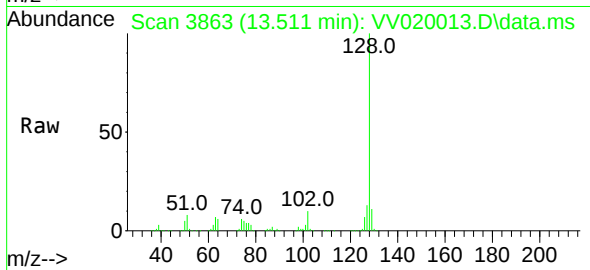




#69
Naphthalene
Concen: 52.83 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. -0.000 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD05067

Tgt Ion:128 Resp: 595583
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 50.60 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. -0.000 min
Lab File: VV020013.D
Acq: 14 Jan 2021 19:42

Tgt Ion:180 Resp: 191422
Ion Ratio Lower Upper
180 100
182 95.7 76.1 114.1
145 35.1 27.9 41.9

