

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020099.D
 Acq On : 21 Jan 2021 00:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Jan 21 01:08:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 23:39:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	435001	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	416879	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	227251	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	147598	54.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.16%			
7) Chloroethane-d5	1.569	69	111688	53.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.18%			
11) 1,1-Dichloroethene-d2	2.113	63	271284	49.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.54%			
21) 2-Butanone-d5	3.888	46	224426	118.01	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.01%			
24) Chloroform-d	4.354	84	313094	51.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.74%			
26) 1,2-Dichloroethane-d4	5.036	65	204874	50.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.42%			
32) Benzene-d6	5.055	84	594561	53.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.88%			
36) 1,2-Dichloropropane-d6	6.074	67	186522	57.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 115.80%			
41) Toluene-d8	7.322	98	536496	51.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.42%			
43) trans-1,3-Dichloroprop...	7.624	79	89683	49.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.48%			
47) 2-Hexanone-d5	8.090	63	155280	116.74	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.74%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	255787	56.46	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.92%			
64) 1,2-Dichlorobenzene-d4	11.630	152	224664	50.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	172501	46.94	ug/L	99
3) Chloromethane	1.245	50	166379	61.81	ug/L	99
5) Vinyl chloride	1.312	62	165963	56.54	ug/L	100
6) Bromomethane	1.524	94	100443	49.37	ug/L	100
8) Chloroethane	1.586	64	90871	52.43	ug/L	99
9) Trichlorofluoromethane	1.756	101	222117	43.31	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	116912	44.54	ug/L	93
12) 1,1-Dichloroethene	2.122	96	122205	50.05	ug/L	81
13) Acetone	2.180	43	144517	89.01	ug/L	100
14) Carbon disulfide	2.299	76	408466	51.51	ug/L	99
15) Methyl Acetate	2.434	43	164357	60.11	ug/L	95
16) Methylene chloride	2.508	84	162981	54.00	ug/L	92
17) trans-1,2-Dichloroethene	2.762	96	150260	51.45	ug/L	95
18) Methyl tert-butyl Ether	2.772	73	477652	51.45	ug/L	98
19) 1,1-Dichloroethane	3.193	63	279614	54.13	ug/L	100
20) cis-1,2-Dichloroethene	3.917	96	166587	53.37	ug/L	90
22) 2-Butanone	3.971	43	232827	112.68	ug/L	100
23) Bromochloromethane	4.254	128	88134	50.17	ug/L #	84
25) Chloroform	4.380	83	299153	52.31	ug/L	98
27) 1,2-Dichloroethane	5.135	62	239853	50.67	ug/L	97

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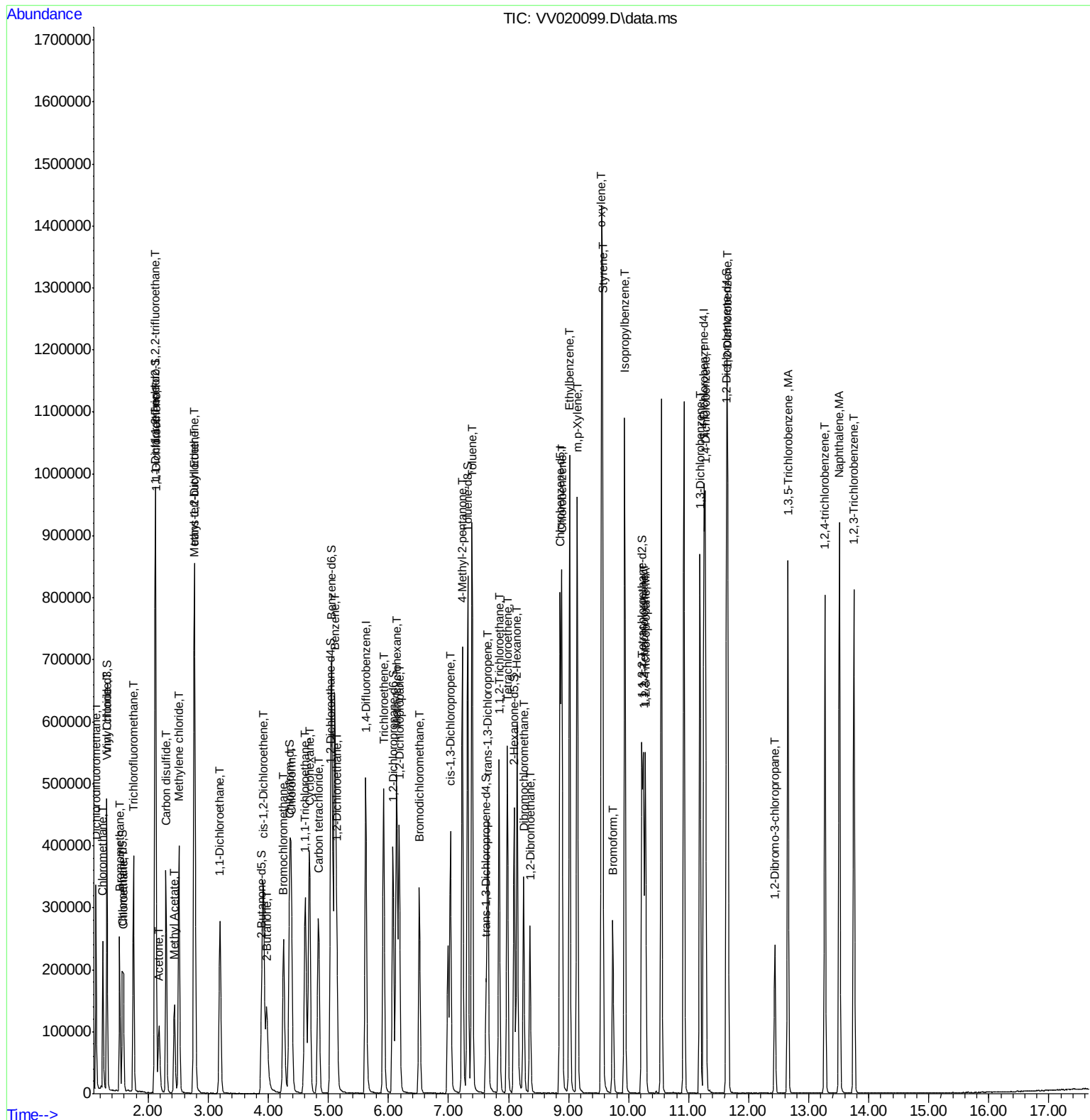
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.685	56	211550	49.43	ug/L	94
30) 1,1,1-Trichloroethane	4.614	97	257054	48.40	ug/L	97
31) Carbon tetrachloride	4.833	117	214515	45.66	ug/L	100
33) Benzene	5.103	78	620825	54.73	ug/L	100
34) Trichloroethene	5.920	95	166769	48.79	ug/L	96
35) Methylcyclohexane	6.135	83	212294	44.33	ug/L	96
37) 1,2-Dichloropropane	6.177	63	160906	57.87	ug/L	98
38) Bromodichloromethane	6.515	83	217816	52.05	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	237157	50.75	ug/L	99
40) 4-Methyl-2-pentanone	7.228	43	462682	121.24	ug/L	97
42) Toluene	7.392	91	647032	52.13	ug/L	100
44) trans-1,3-Dichloropropene	7.656	75	237880	51.21	ug/L	98
45) 1,1,2-Trichloroethane	7.843	97	159628	53.18	ug/L	98
46) Tetrachloroethene	7.981	164	123801	45.63	ug/L	95
48) 2-Hexanone	8.142	43	364799	120.97	ug/L	98
49) Dibromochloromethane	8.251	129	173364	49.64	ug/L	97
50) 1,2-Dibromoethane	8.357	107	173142	52.53	ug/L #	98
51) Chlorobenzene	8.887	112	423804	49.58	ug/L	97
52) Ethylbenzene	9.016	91	699974	48.85	ug/L	99
53) m,p-Xylene	9.145	106	267387	48.65	ug/L	95
54) o-xylene	9.550	106	263991	49.46	ug/L	96
55) Styrene	9.566	104	471193	51.43	ug/L	96
56) Isopropylbenzene	9.936	105	680643	47.36	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.248	83	244388	55.11	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	212100	54.14	ug/L	100
61) Bromoform	9.736	173	121388	50.69	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	340042	49.57	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	351268	49.77	ug/L	96
65) 1,2-Dichlorobenzene	11.649	146	351528	51.10	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.437	75	56918	55.50	ug/L	89
67) 1,3,5-Trichlorobenzene	12.653	180	253741	46.98	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	230490	47.31	ug/L	98
69) Naphthalene	13.511	128	696570	54.00	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	235218	50.71	ug/L	99

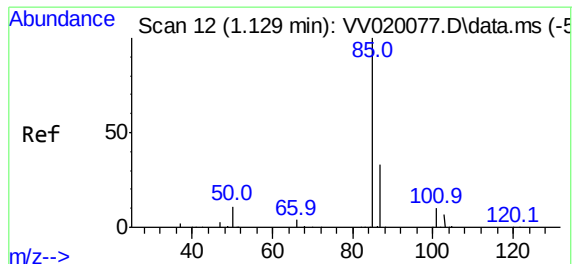
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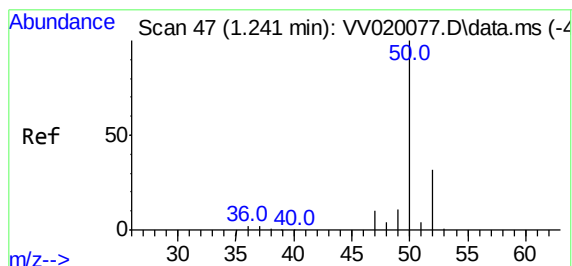
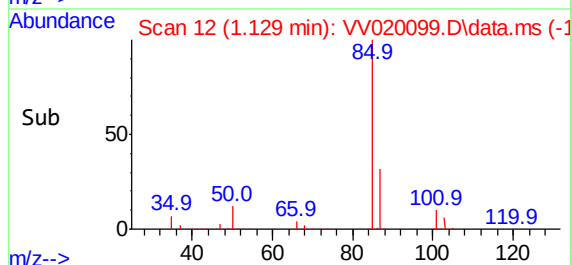
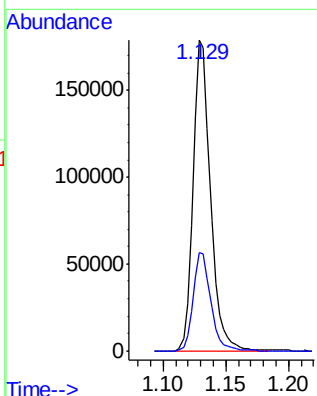
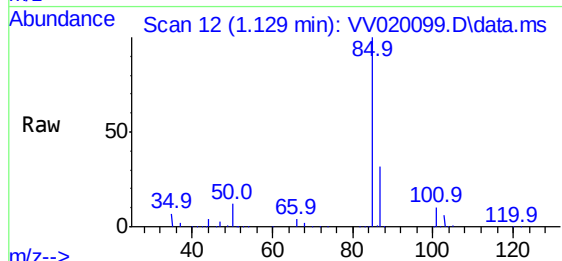




#2
Dichlorodifluoromethane
Concen: 46.94 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

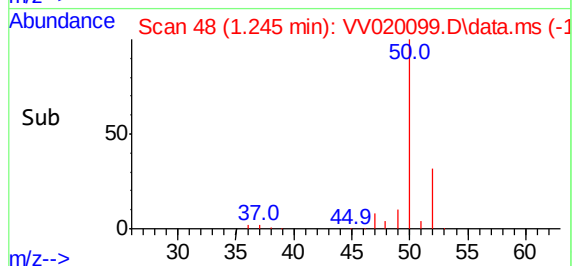
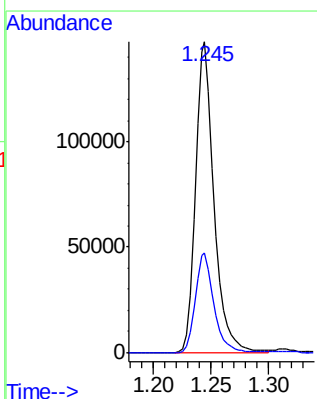
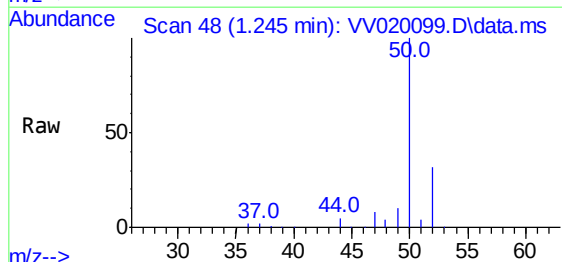
Instrument :
MSVOA_V
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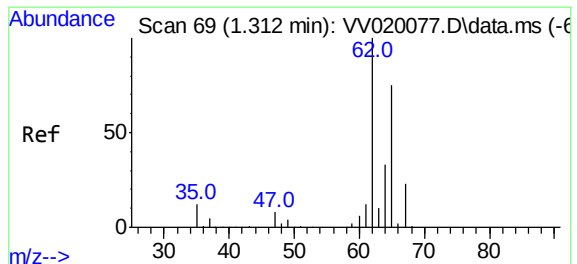
Tgt Ion: 85 Resp: 172501
Ion Ratio Lower Upper
85 100
87 32.0 25.9 38.9



#3
Chloromethane
Concen: 61.81 ug/L
RT: 1.245 min Scan# 48
Delta R.T. 0.003 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 50 Resp: 166379
Ion Ratio Lower Upper
50 100
52 31.9 22.7 42.1



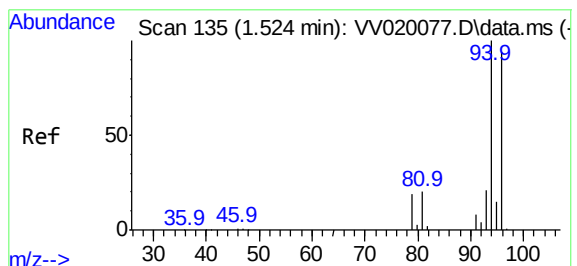
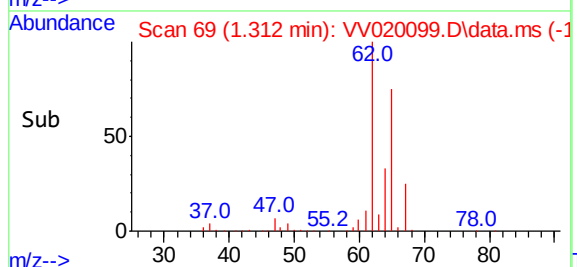
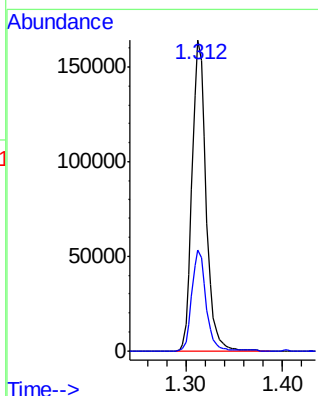
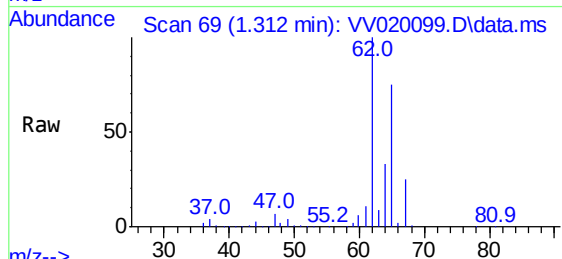


#5
 Vinyl chloride
 Concen: 56.54 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020099.D
 Acq: 21 Jan 2021 00:25

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 ClientSampleId :
 VSTD05075

Tgt Ion: 62 Resp: 165963

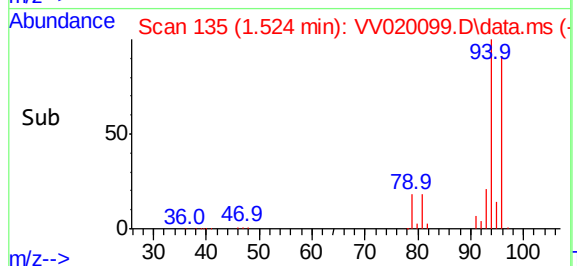
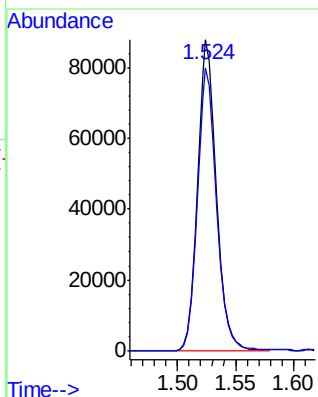
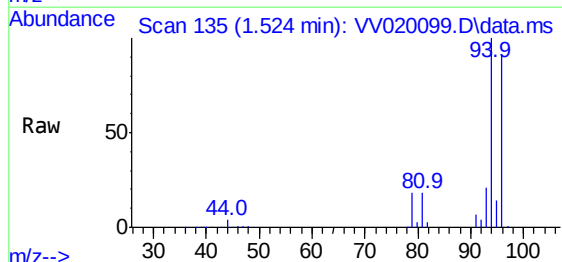
Ion	Ratio	Lower	Upper
62	100		
64	32.6	23.0	42.6

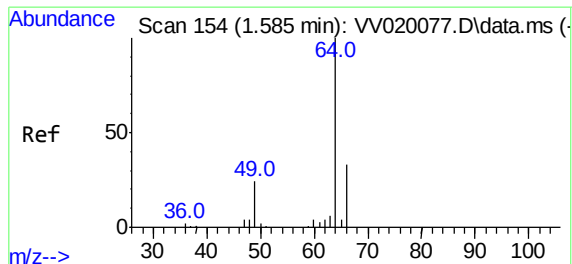


#6
 Bromomethane
 Concen: 49.37 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. 0.000 min
 Lab File: VV020099.D
 Acq: 21 Jan 2021 00:25

Tgt Ion: 94 Resp: 100443

Ion	Ratio	Lower	Upper
94	100		
96	91.0	63.6	118.2

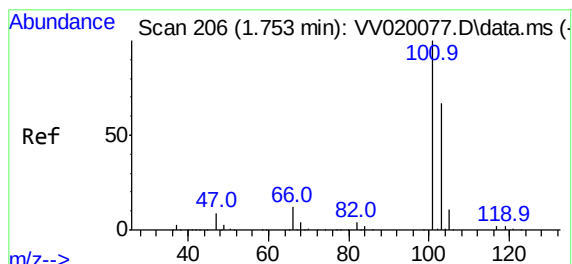
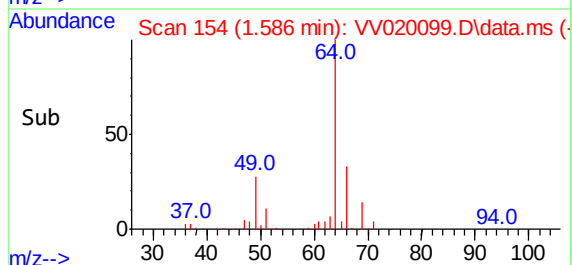
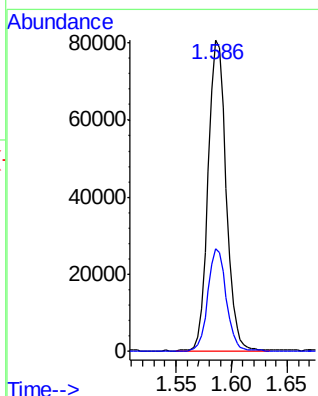
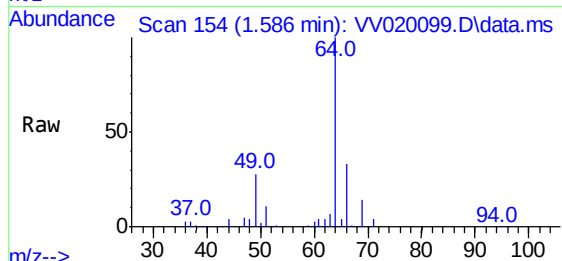




#8
Chloroethane
Concen: 52.43 ug/L
RT: 1.586 min Scan# 154
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

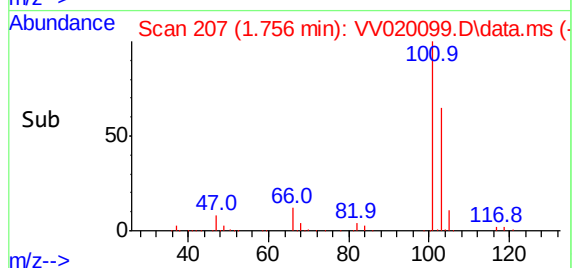
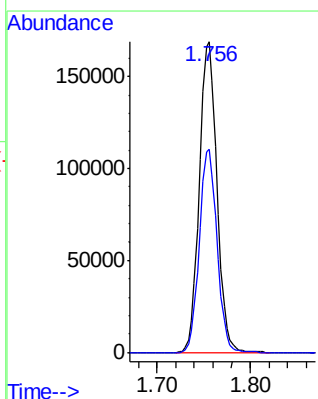
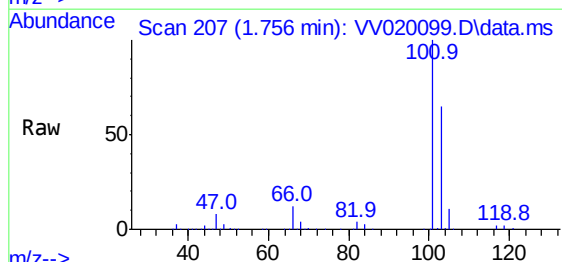
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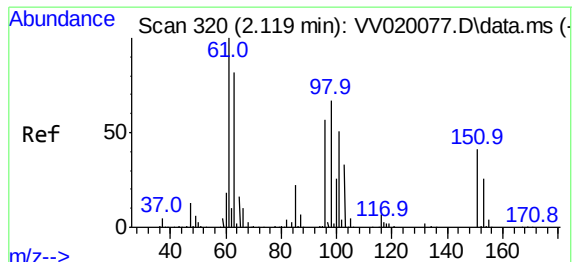
Tgt Ion: 64 Resp: 90871
Ion Ratio Lower Upper
64 100
66 32.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 43.31 ug/L
RT: 1.756 min Scan# 207
Delta R.T. 0.003 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion:101 Resp: 222117
Ion Ratio Lower Upper
101 100
103 65.8 51.7 77.5



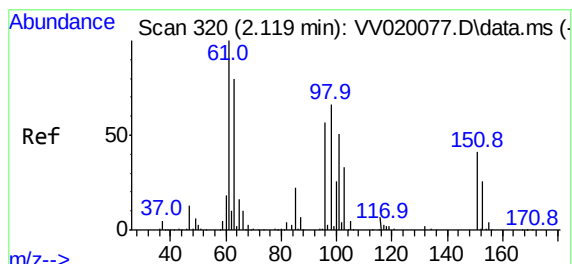
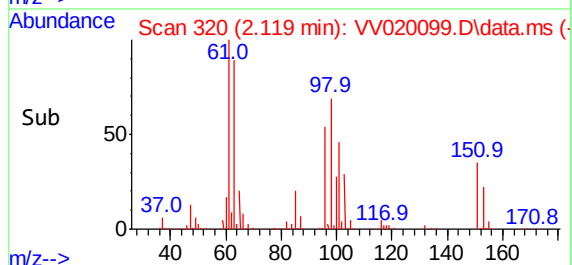
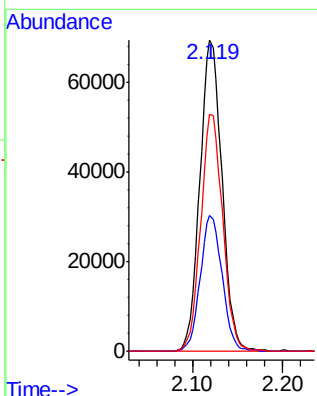
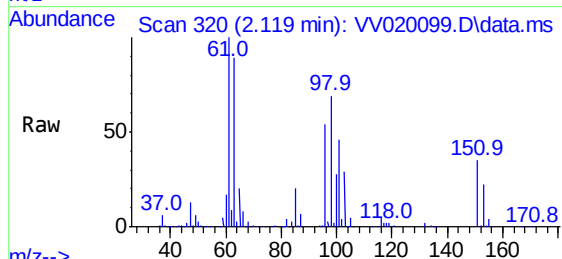


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.54 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV020099.D
 Acq: 21 Jan 2021 00:25

Instrument :
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 ClientSampleId :
 VSTD05075

Tgt Ion:101 Resp: 116912

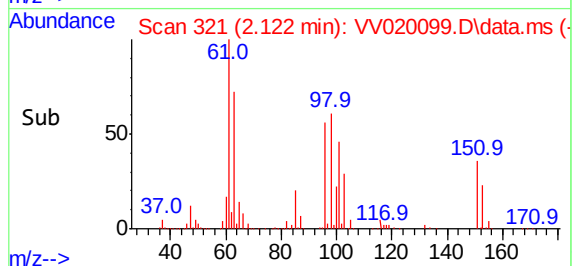
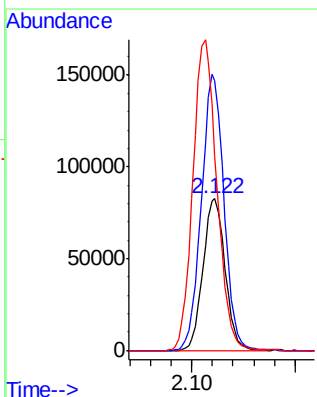
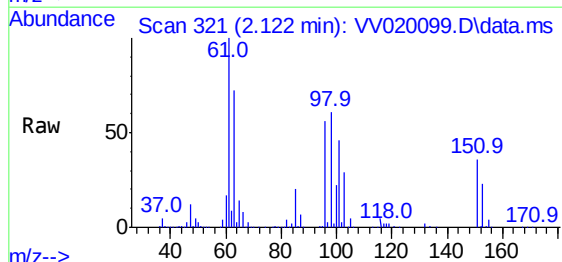
Ion	Ratio	Lower	Upper
101	100		
85	43.1	35.3	52.9
151	75.6	53.6	80.4

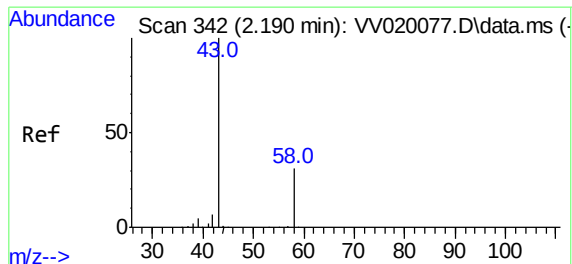


#12
 1,1-Dichloroethene
 Concen: 50.05 ug/L
 RT: 2.122 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV020099.D
 Acq: 21 Jan 2021 00:25

Tgt Ion: 96 Resp: 122205

Ion	Ratio	Lower	Upper
96	100		
61	178.0	134.9	250.5
63	127.7	117.6	218.4

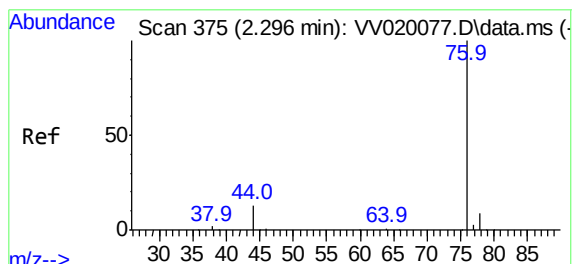
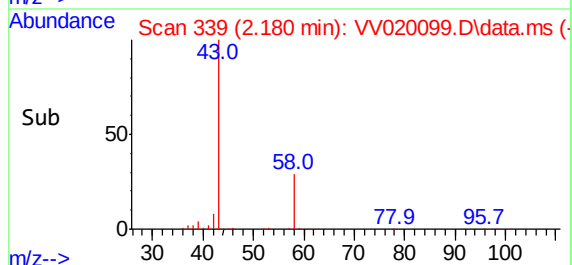
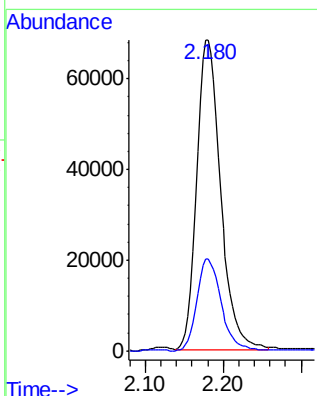
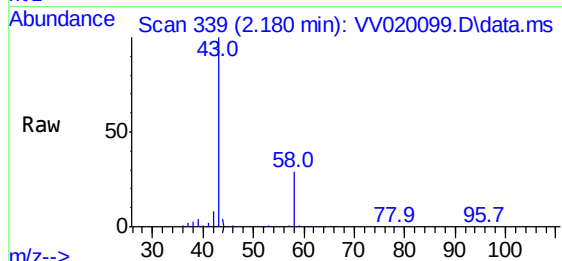




#13
Acetone
Concen: 89.01 ug/L
RT: 2.180 min Scan# 339
Delta R.T. -0.010 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

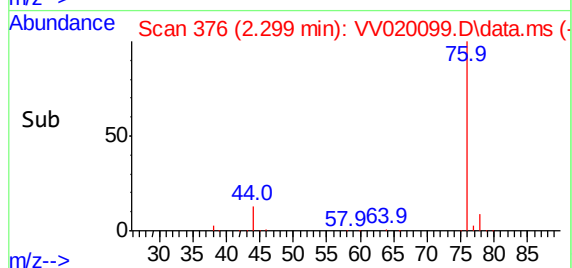
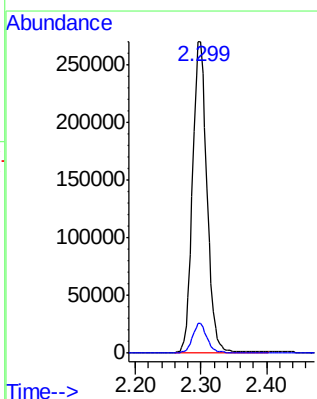
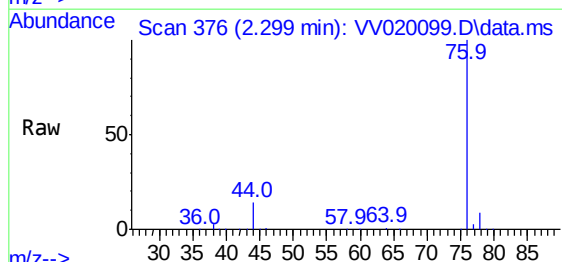
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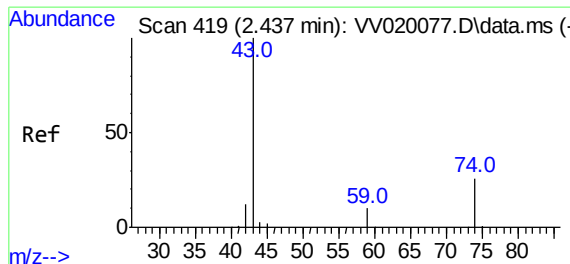
Tgt Ion: 43 Resp: 144517
Ion Ratio Lower Upper
43 100
58 30.3 0.0 60.2



#14
Carbon disulfide
Concen: 51.51 ug/L
RT: 2.299 min Scan# 376
Delta R.T. 0.003 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 76 Resp: 408466
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

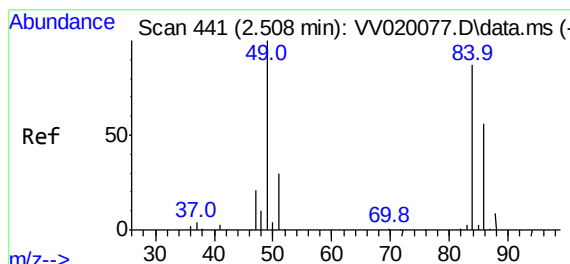
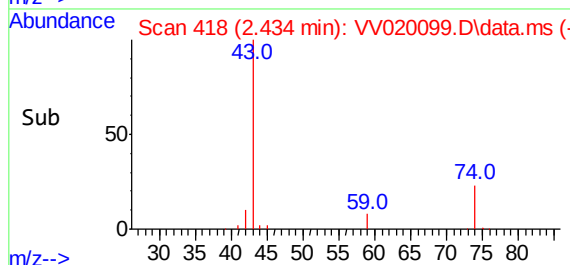
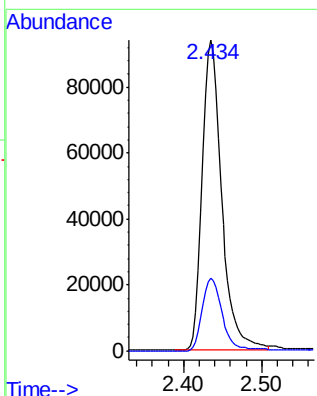
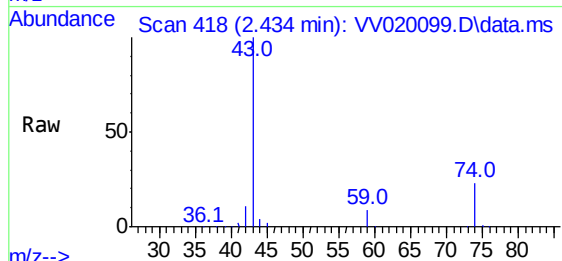




#15
Methyl Acetate
Concen: 60.11 ug/L
RT: 2.434 min Scan# 418
Delta R.T. -0.003 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

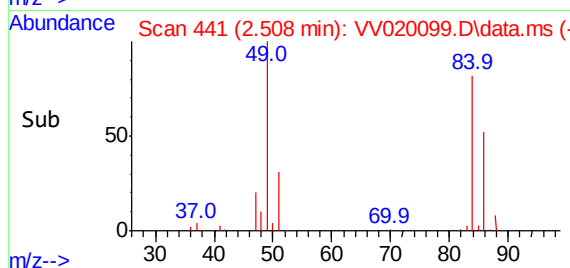
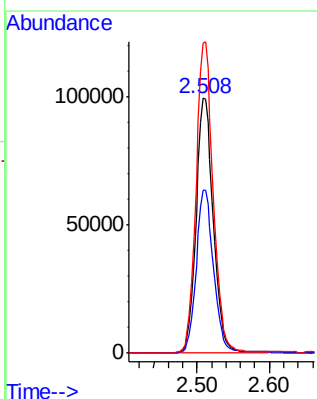
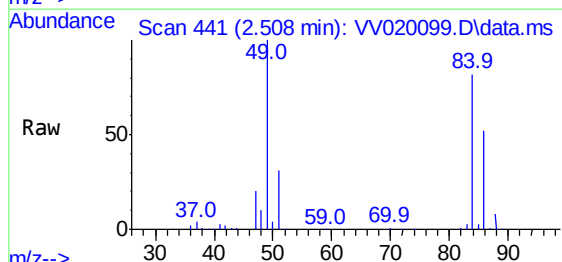
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

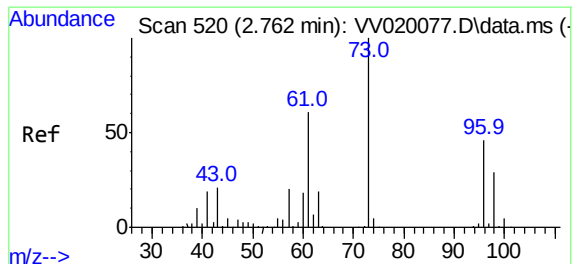
Tgt Ion: 43 Resp: 164357
Ion Ratio Lower Upper
43 100
74 24.3 17.6 26.4



#16
Methylene chloride
Concen: 54.00 ug/L
RT: 2.508 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 84 Resp: 162981
Ion Ratio Lower Upper
84 100
86 63.9 44.6 82.8
49 121.9 94.6 175.8

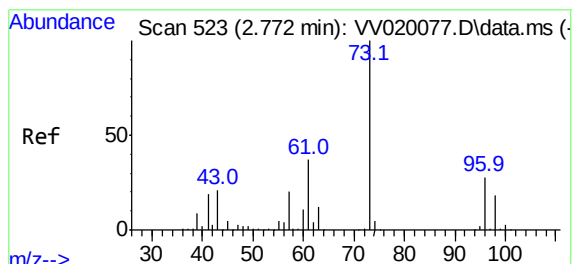
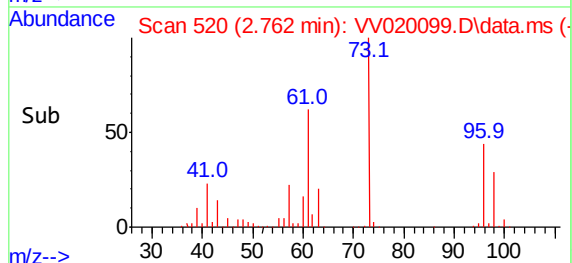
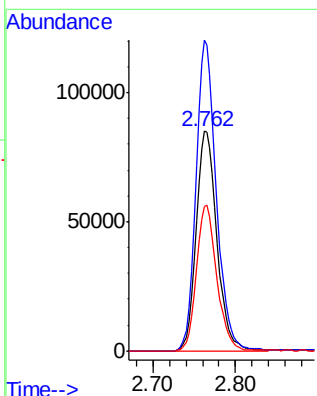
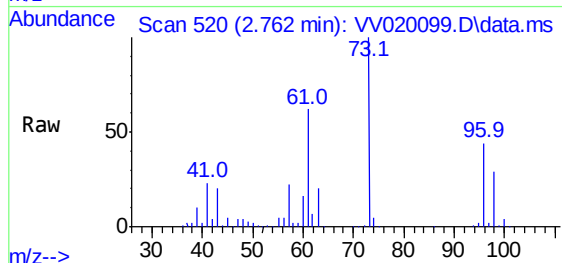




#17
trans-1,2-Dichloroethene
Concen: 51.45 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

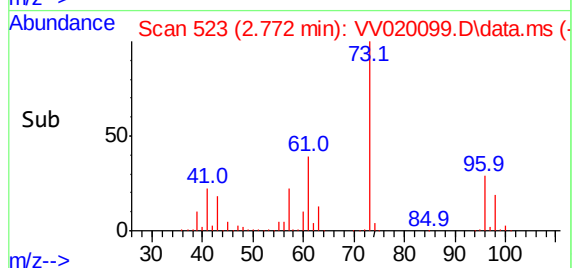
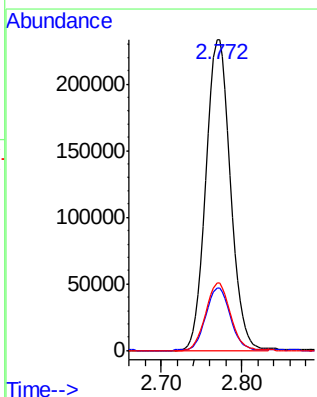
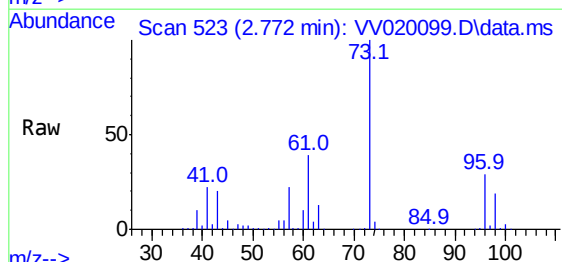
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

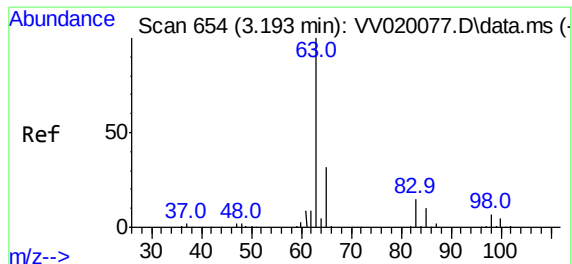
Tgt Ion: 96 Resp: 150260
Ion Ratio Lower Upper
96 100
61 141.6 103.1 191.5
98 65.7 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 51.45 ug/L
RT: 2.772 min Scan# 523
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 73 Resp: 477652
Ion Ratio Lower Upper
73 100
43 19.9 17.3 25.9
57 21.9 17.9 26.9

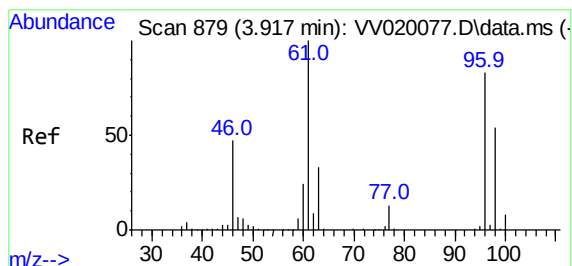
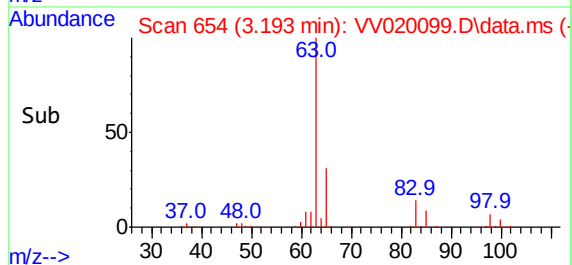
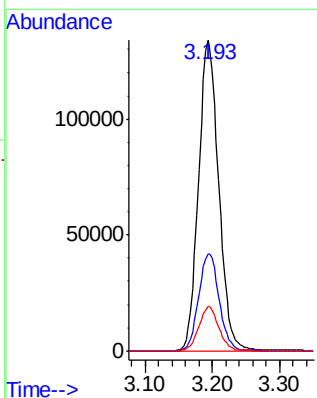
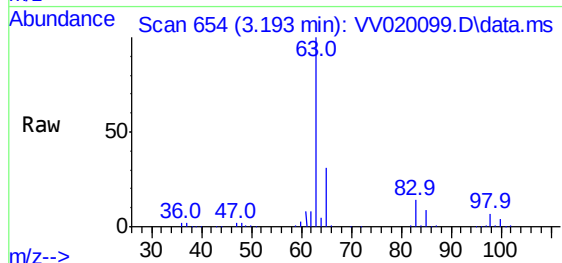




#19
1,1-Dichloroethane
Concen: 54.13 ug/L
RT: 3.193 min Scan# 654
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

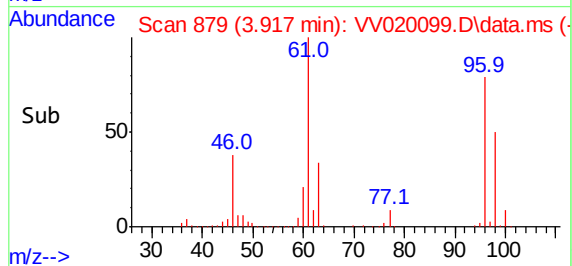
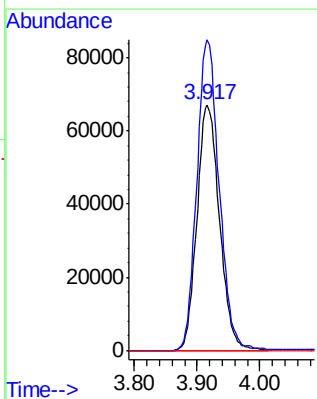
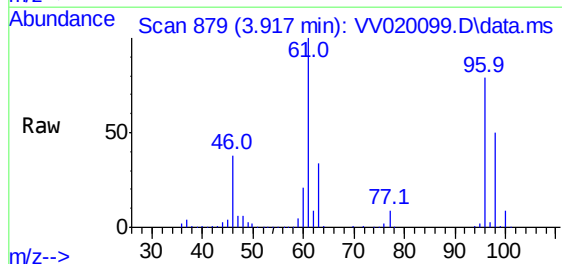
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

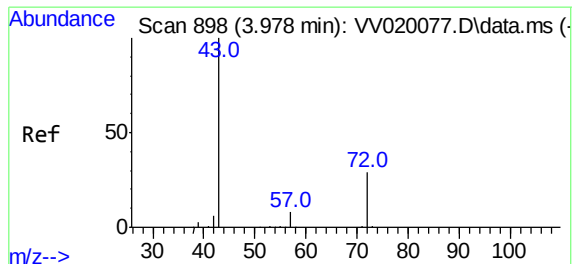
Tgt Ion: 63 Resp: 279614
Ion Ratio Lower Upper
63 100
65 31.3 21.9 40.7
83 14.1 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 53.37 ug/L
RT: 3.917 min Scan# 879
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 96 Resp: 166587
Ion Ratio Lower Upper
96 100
61 126.5 96.9 179.9
68 0.0 0.0 0.0

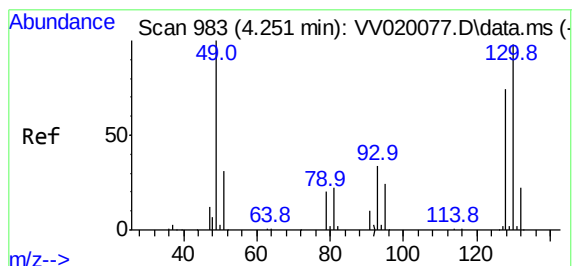
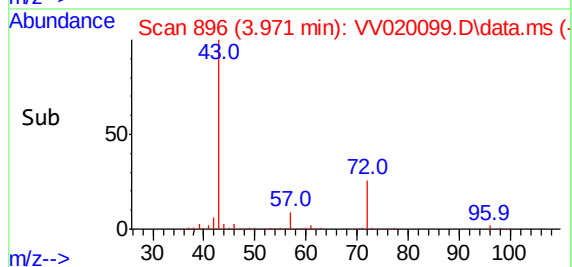
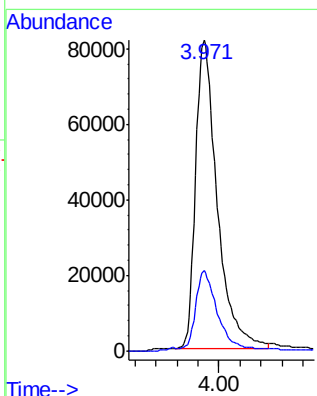
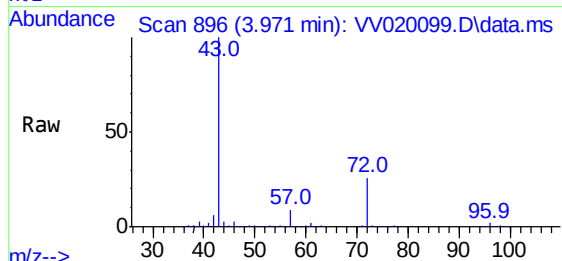




#22
2-Butanone
Concen: 112.68 ug/L
RT: 3.971 min Scan# 896
Delta R.T. -0.006 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

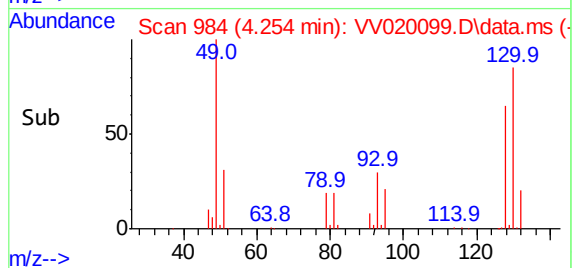
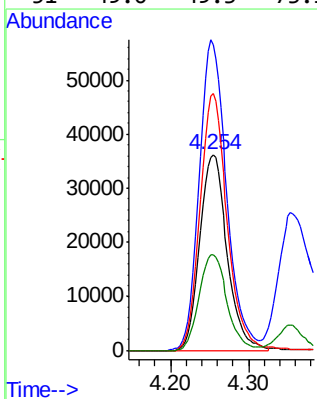
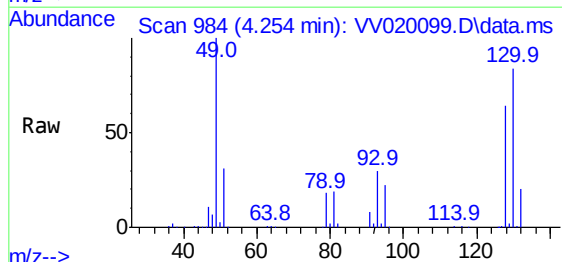
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

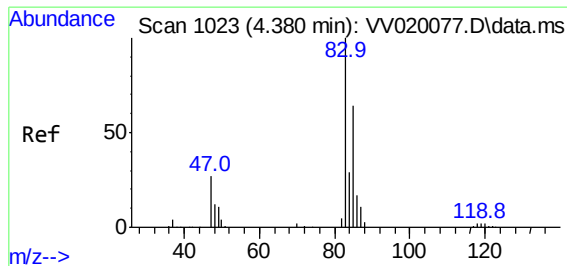
Tgt Ion: 43 Resp: 232827
Ion Ratio Lower Upper
43 100
72 24.2 12.2 36.6



#23
Bromochloromethane
Concen: 50.17 ug/L
RT: 4.254 min Scan# 984
Delta R.T. 0.003 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion:128 Resp: 88134
Ion Ratio Lower Upper
128 100
49 156.2 133.1 247.1
130 131.6 89.0 165.4
51 49.0 49.3 73.9#

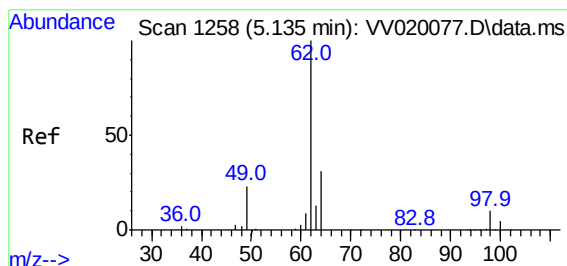
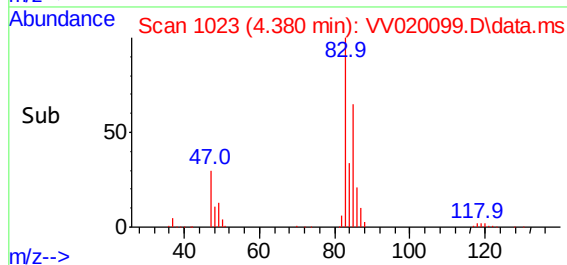
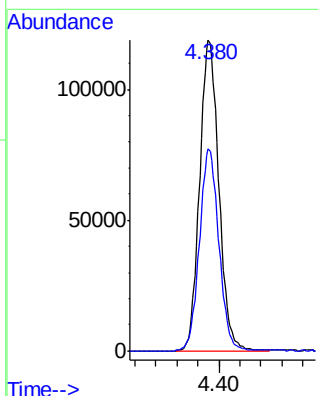
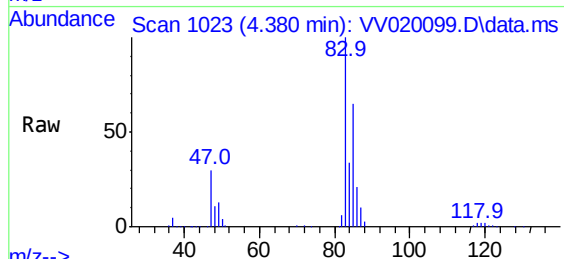




#25
Chloroform
Concen: 52.31 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

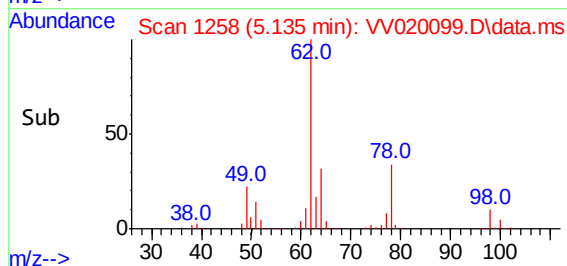
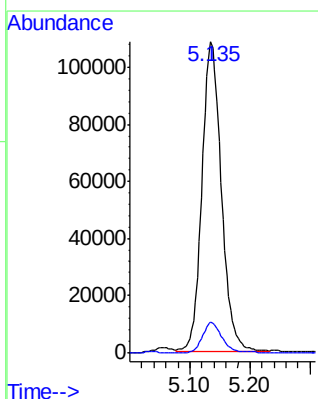
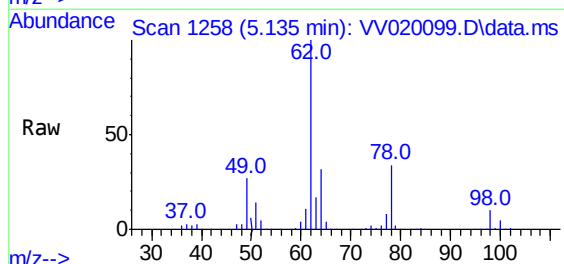
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

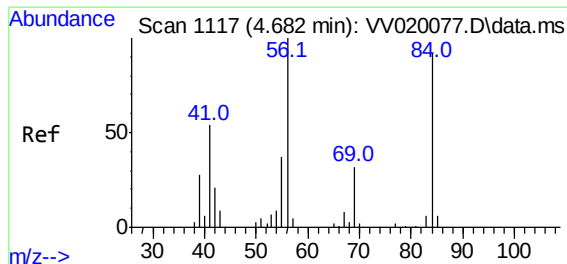
Tgt Ion: 83 Resp: 299153
Ion Ratio Lower Upper
83 100
85 65.1 44.2 82.2



#27
1,2-Dichloroethane
Concen: 50.67 ug/L
RT: 5.135 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 62 Resp: 239853
Ion Ratio Lower Upper
62 100
98 9.7 6.9 10.3

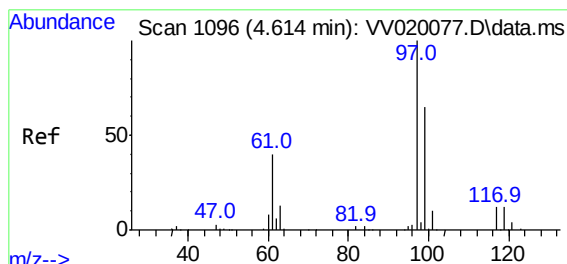
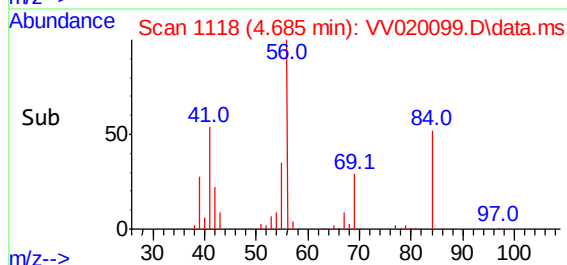
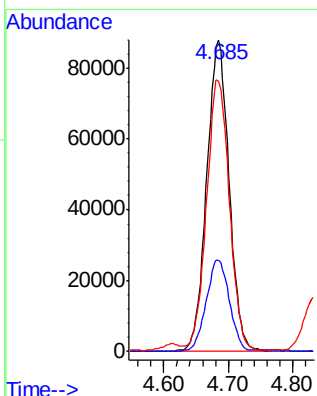
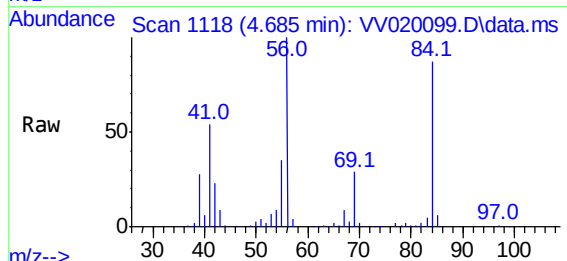




#29
Cyclohexane
Concen: 49.43 ug/L
RT: 4.685 min Scan# 1118
Delta R.T. 0.003 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

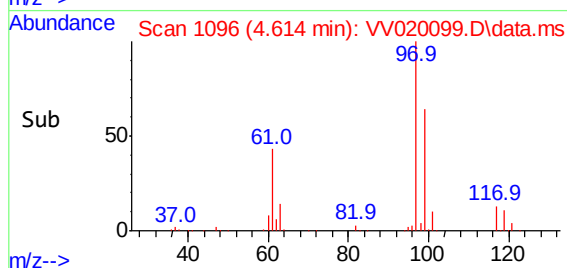
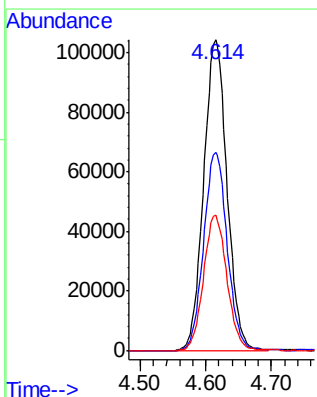
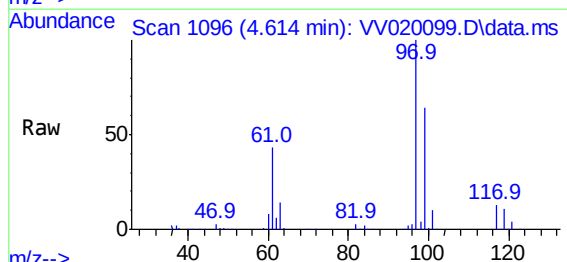
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

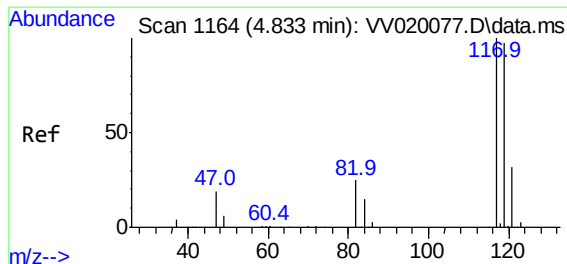
Tgt Ion: 56 Resp: 211550
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.2
84 89.9 66.3 99.5



#30
1,1,1-Trichloroethane
Concen: 48.40 ug/L
RT: 4.614 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 97 Resp: 257054
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 43.8 38.5 57.7

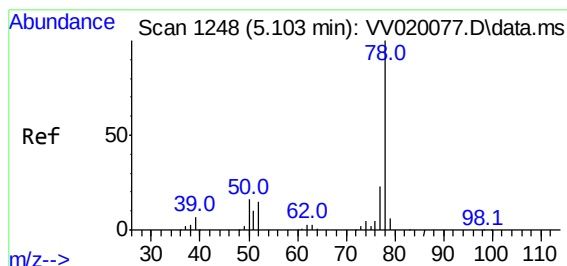
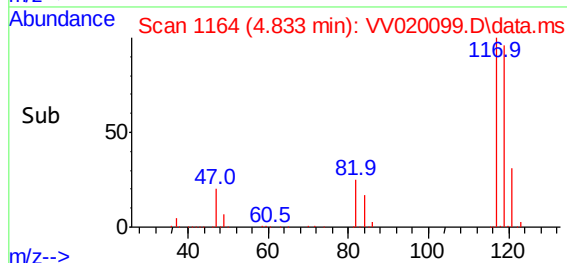
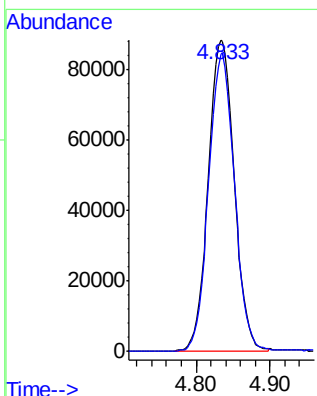
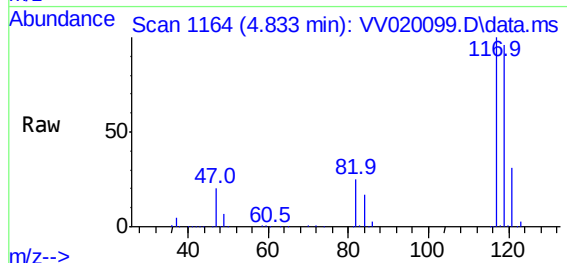




#31
Carbon tetrachloride
Concen: 45.66 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

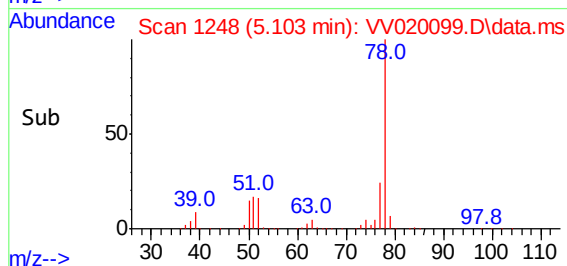
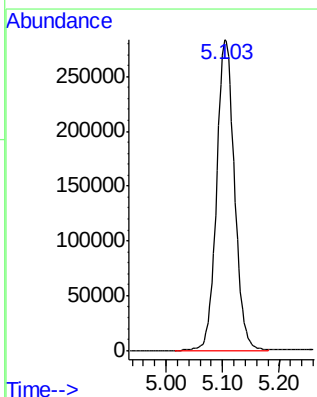
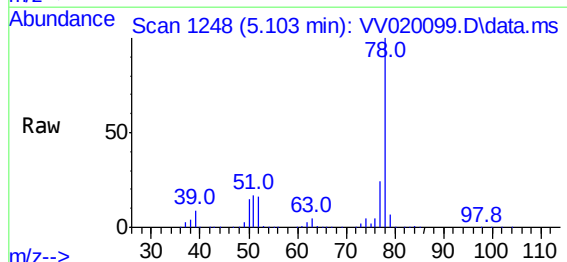
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

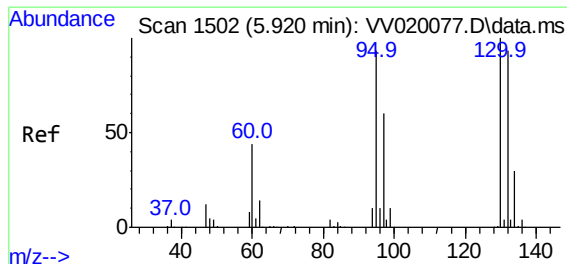
Tgt Ion:117 Resp: 214515
Ion Ratio Lower Upper
117 100
119 95.5 76.3 114.5



#33
Benzene
Concen: 54.73 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 78 Resp: 620825

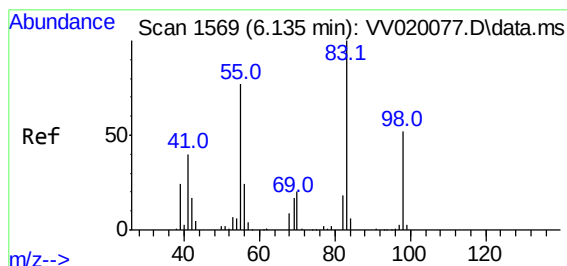
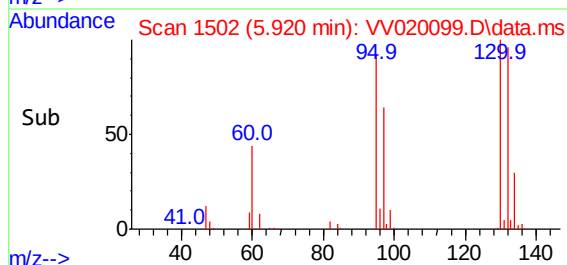
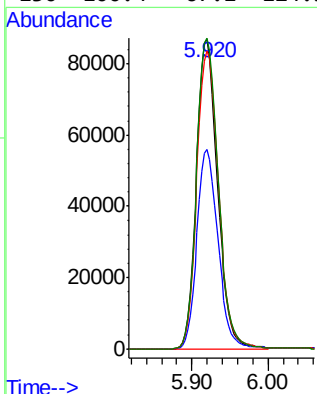
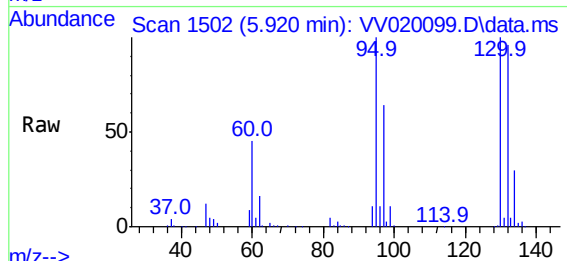




#34
Trichloroethene
Concen: 48.79 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

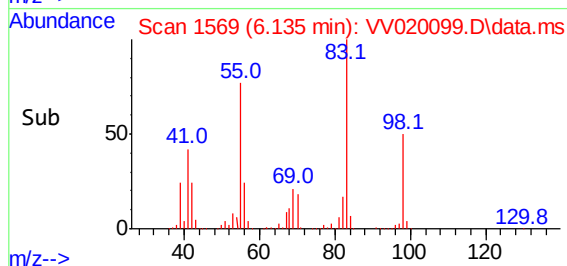
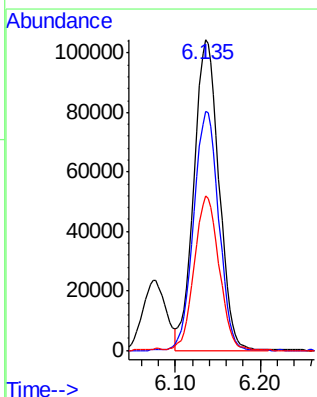
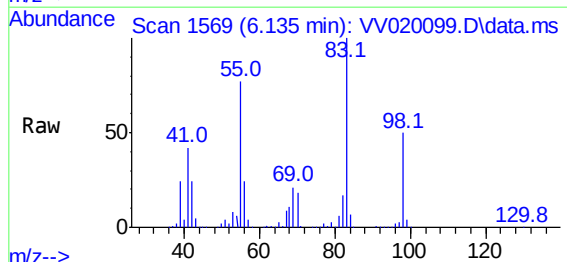
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

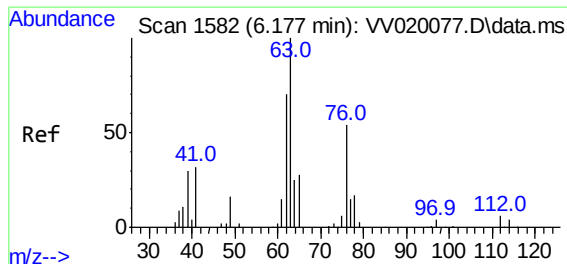
Tgt Ion: 95 Resp: 166769
Ion Ratio Lower Upper
95 100
97 64.6 44.5 82.7
132 96.2 63.4 117.8
130 100.4 67.1 124.5



#35
Methylcyclohexane
Concen: 44.33 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 83 Resp: 212294
Ion Ratio Lower Upper
83 100
55 77.7 65.1 97.7
98 49.6 38.2 57.2

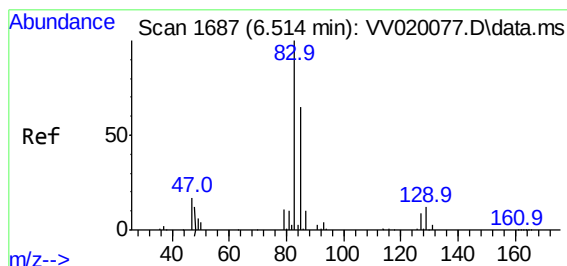
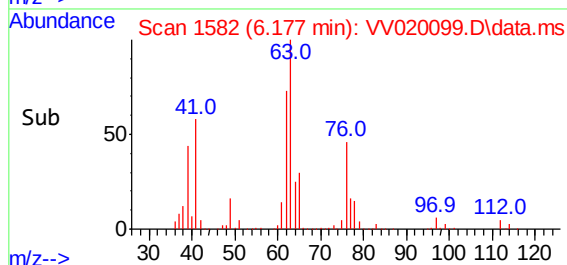
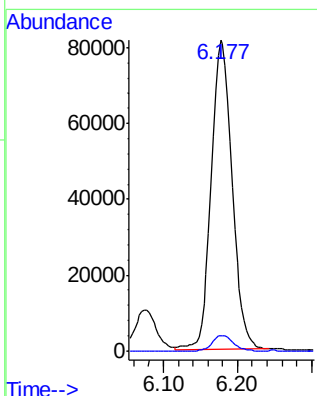
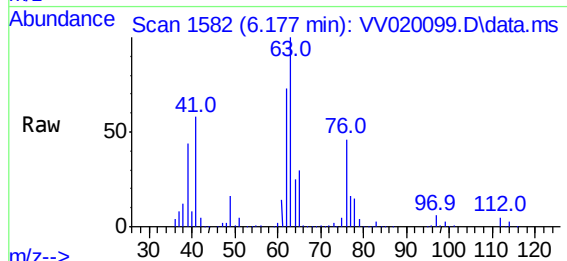




#37
1,2-Dichloropropane
Concen: 57.87 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

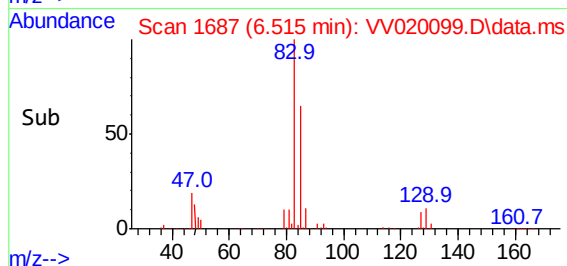
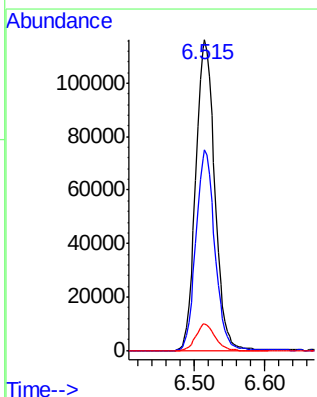
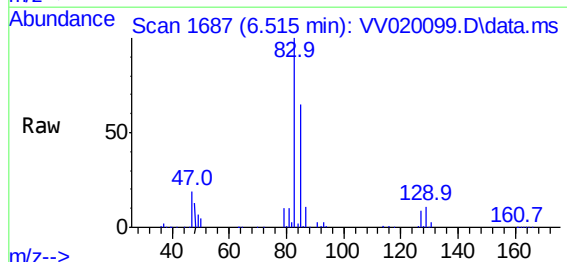
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

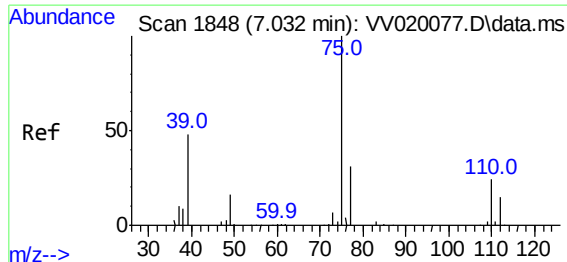
Tgt Ion: 63 Resp: 160906
Ion Ratio Lower Upper
63 100
112 4.9 3.3 4.9



#38
Bromodichloromethane
Concen: 52.05 ug/L
RT: 6.515 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 83 Resp: 217816
Ion Ratio Lower Upper
83 100
85 64.6 44.5 82.7
127 8.7 6.3 9.5

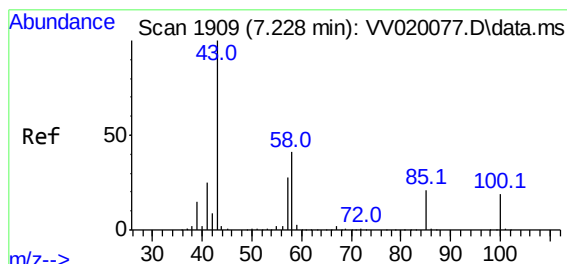
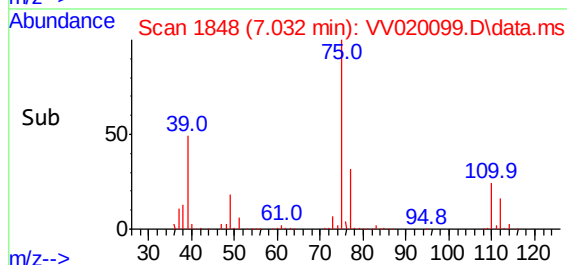
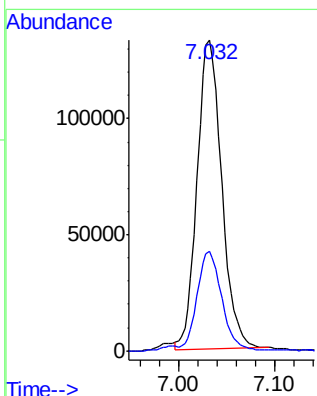
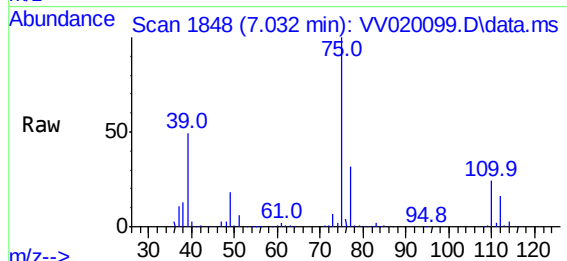




#39
cis-1,3-Dichloropropene
Concen: 50.75 ug/L
RT: 7.032 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

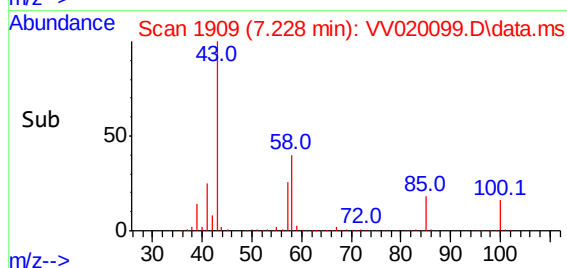
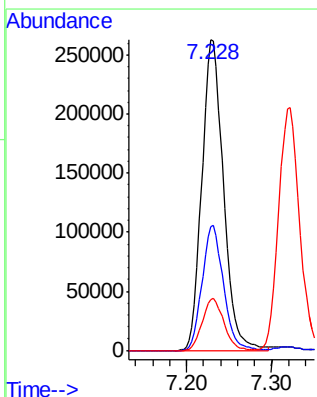
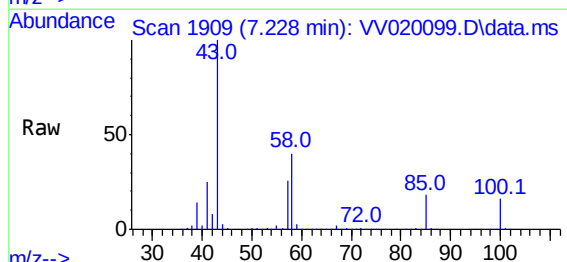
Instrument :
MSVOA_V
ClientSampled :
VSTD05075

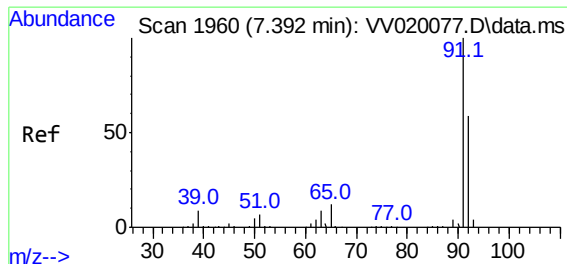
Tgt Ion: 75 Resp: 237157
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 121.24 ug/L
RT: 7.228 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 43 Resp: 462682
Ion Ratio Lower Upper
43 100
58 39.8 30.7 46.1
100 16.6 11.6 17.4

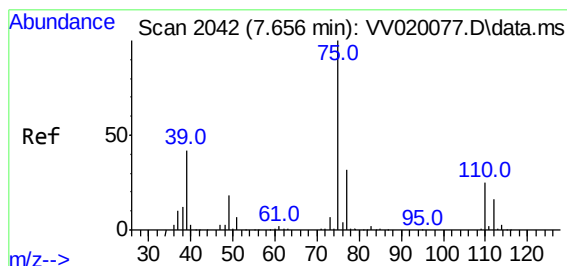
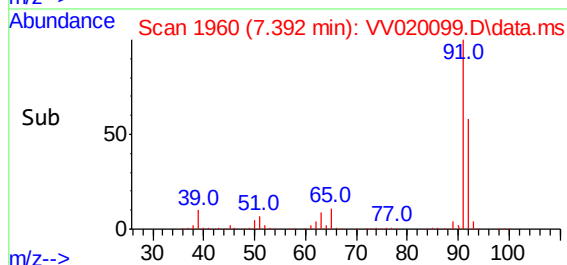
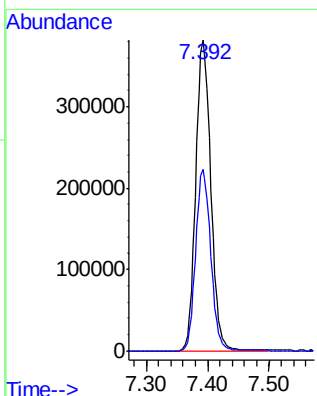
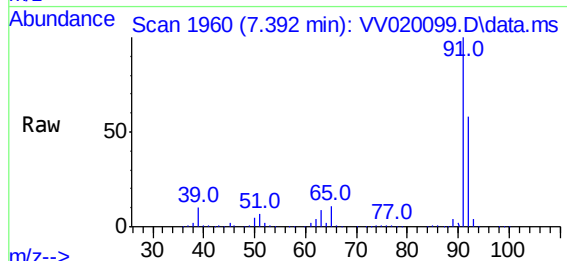




#42
Toluene
Concen: 52.13 ug/L
RT: 7.392 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

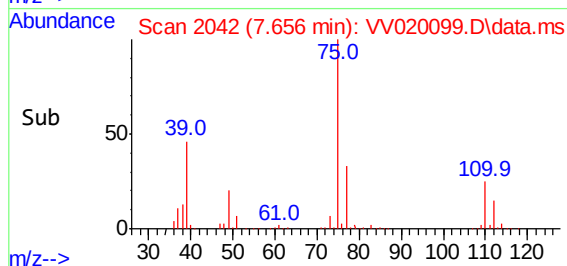
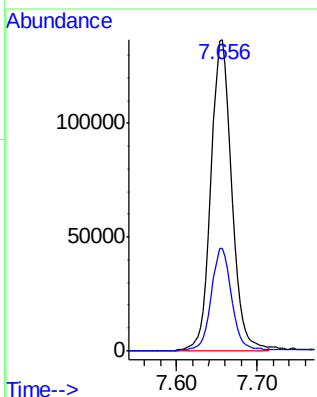
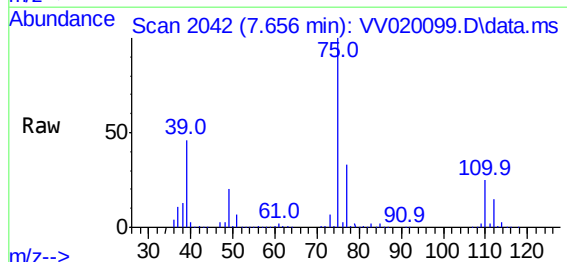
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

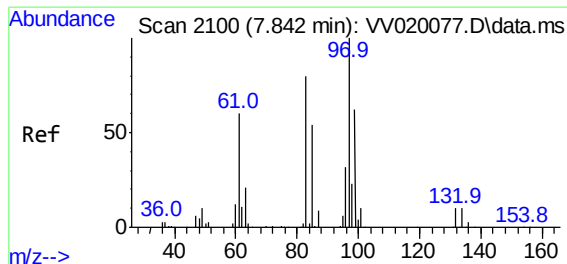
Tgt Ion: 91 Resp: 647032
Ion Ratio Lower Upper
91 100
92 58.3 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 51.21 ug/L
RT: 7.656 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 75 Resp: 237880
Ion Ratio Lower Upper
75 100
77 32.9 22.0 41.0



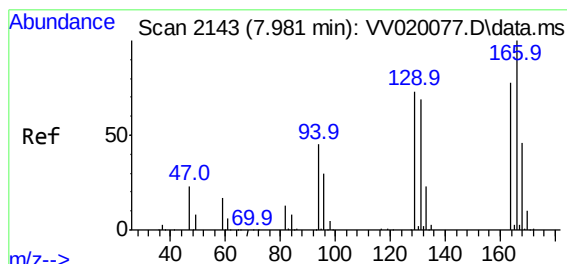
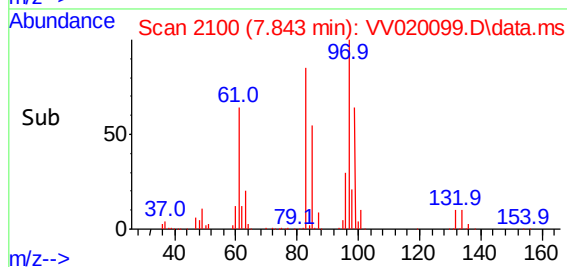
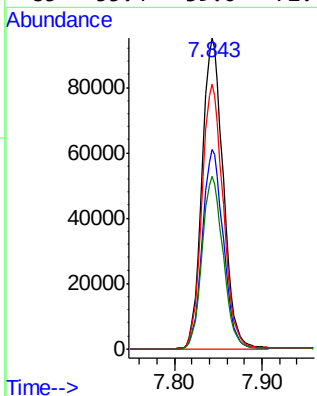
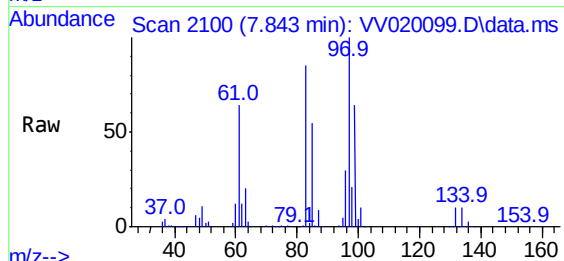


#45
1,1,2-Trichloroethane
Concen: 53.18 ug/L
RT: 7.843 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

Tgt Ion: 97 Resp: 159628

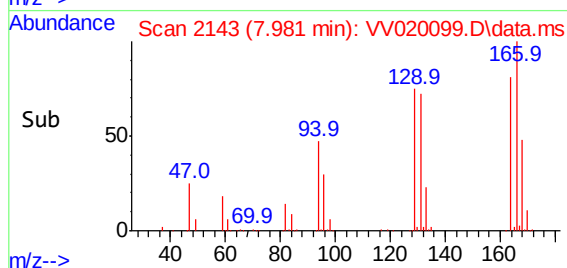
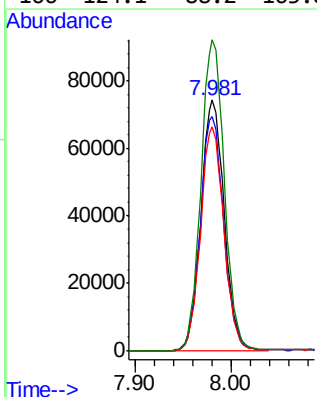
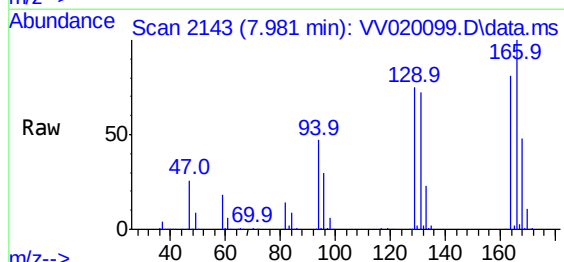
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.8	81.3
83	85.2	62.2	115.4
85	55.4	39.0	72.4

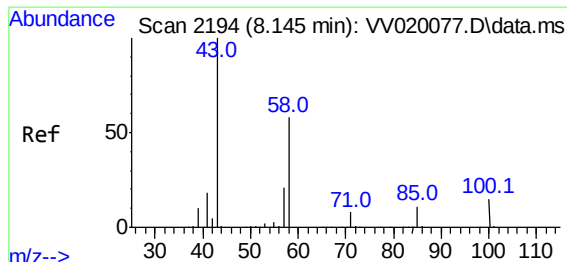


#46
Tetrachloroethene
Concen: 45.63 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 164 Resp: 123801

Ion	Ratio	Lower	Upper
164	100		
129	93.7	70.6	131.0
131	89.2	66.8	124.0
166	124.1	88.2	163.8

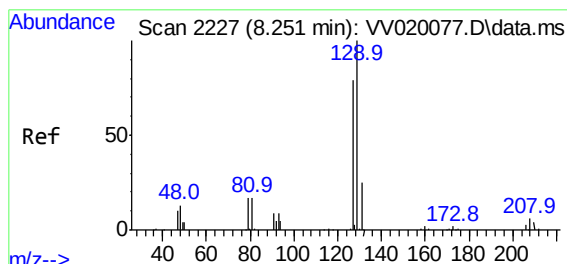
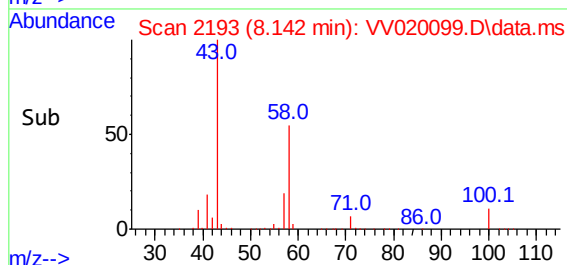
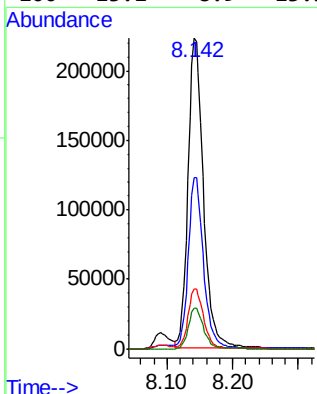
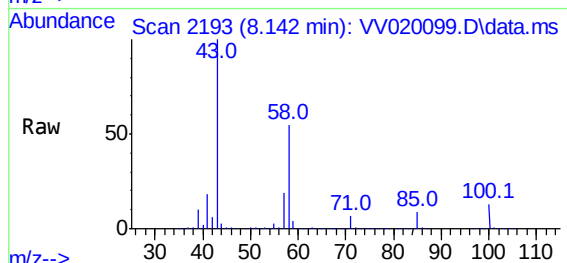




#48
2-Hexanone
Concen: 120.97 ug/L
RT: 8.142 min Scan# 2193
Delta R.T. -0.003 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

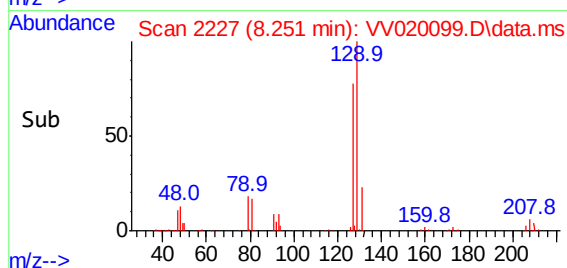
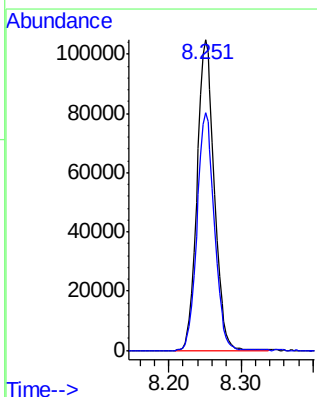
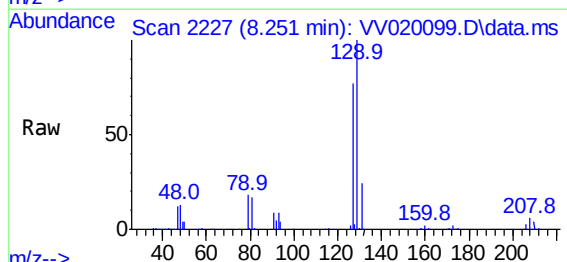
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

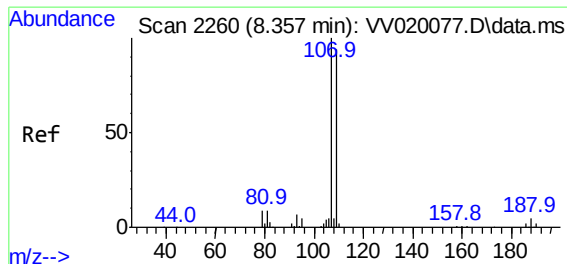
Tgt Ion: 43 Resp: 364799
Ion Ratio Lower Upper
43 100
58 53.8 41.8 62.6
57 19.2 15.0 22.4
100 13.1 8.9 13.3



#49
Dibromochloromethane
Concen: 49.64 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 129 Resp: 173364
Ion Ratio Lower Upper
129 100
127 76.6 55.2 102.6

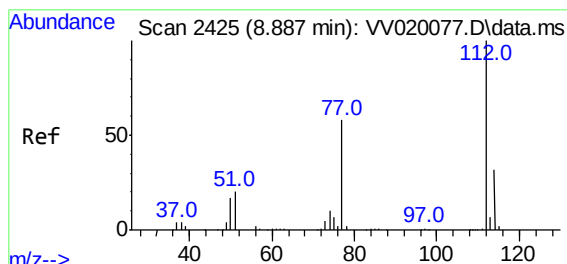
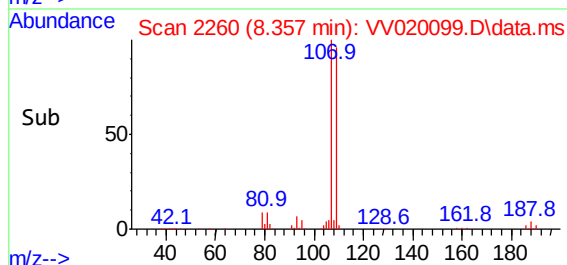
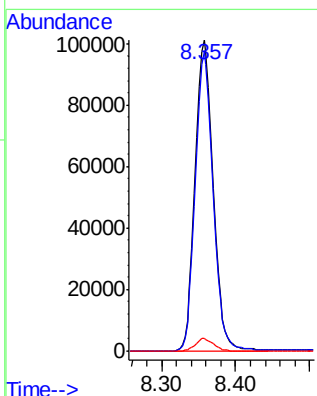
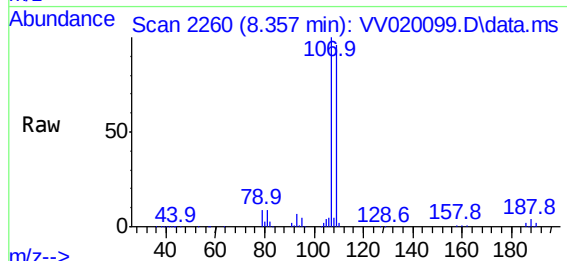




#50
1,2-Dibromoethane
Concen: 52.53 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

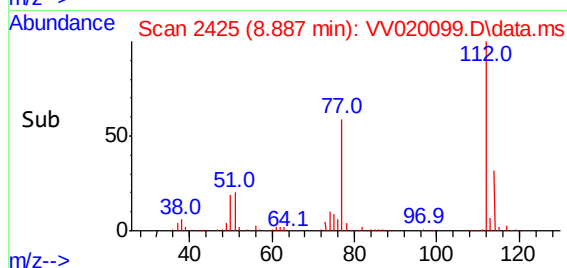
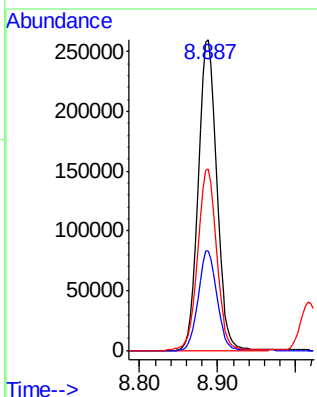
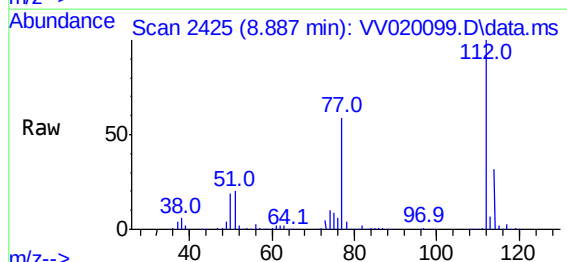
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

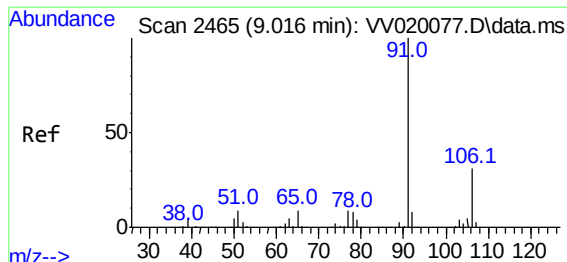
Tgt Ion:107 Resp: 173142
Ion Ratio Lower Upper
107 100
109 96.4 66.2 123.0
188 4.0 2.6 3.8#



#51
Chlorobenzene
Concen: 49.58 ug/L
RT: 8.887 min Scan# 2425
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion:112 Resp: 423804
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 58.5 49.0 73.6

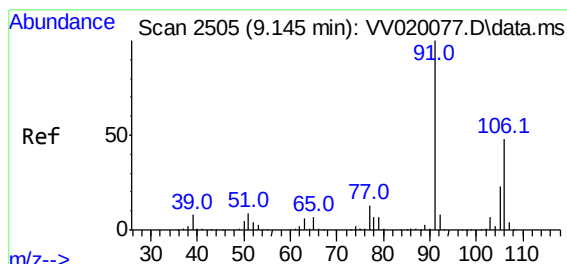
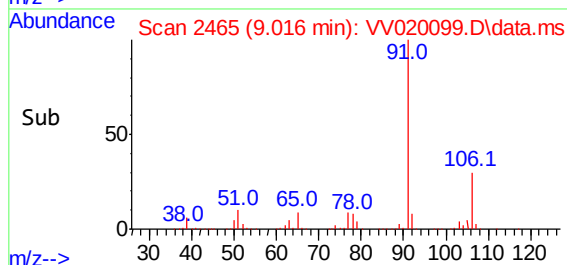
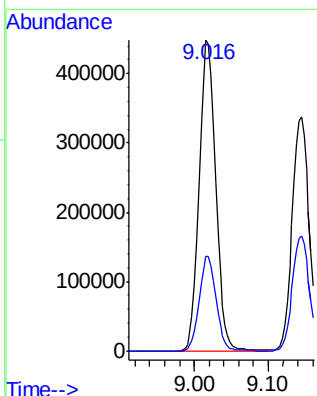
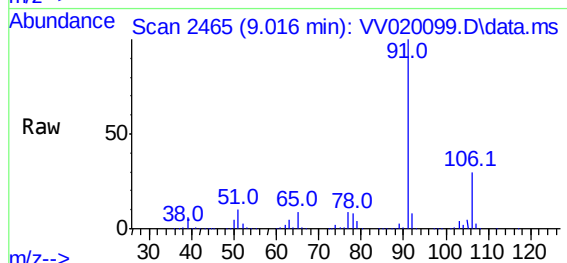




#52
Ethylbenzene
Concen: 48.85 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

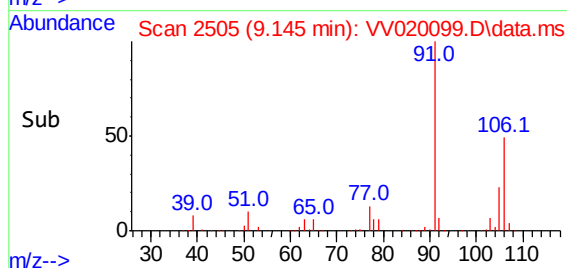
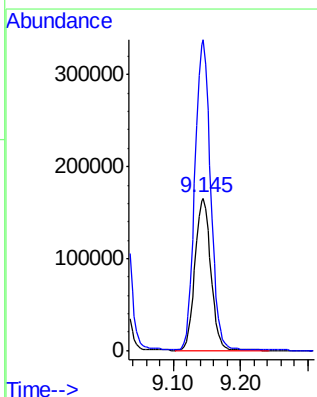
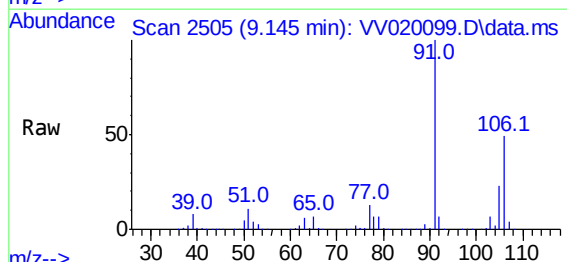
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

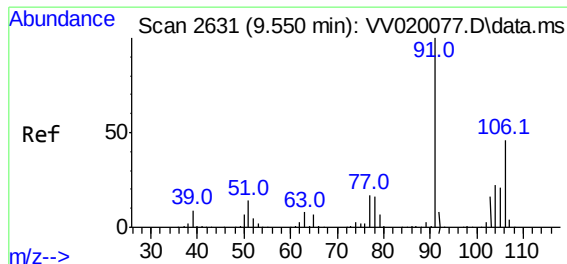
Tgt Ion: 91 Resp: 699974
Ion Ratio Lower Upper
91 100
106 30.4 21.0 39.0



#53
m,p-Xylene
Concen: 48.65 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 106 Resp: 267387
Ion Ratio Lower Upper
106 100
91 204.2 148.1 275.0

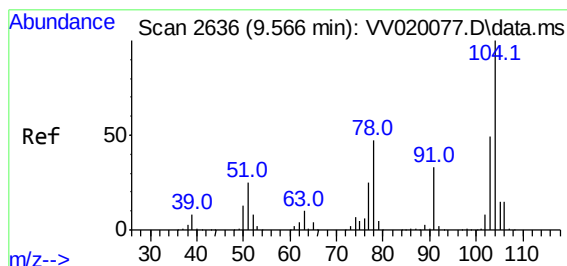
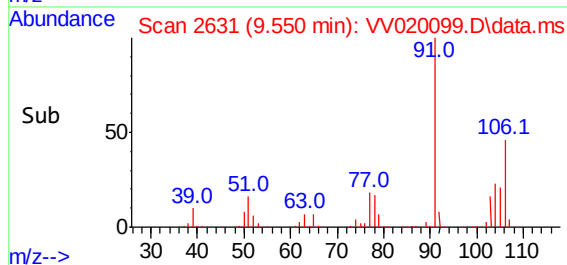
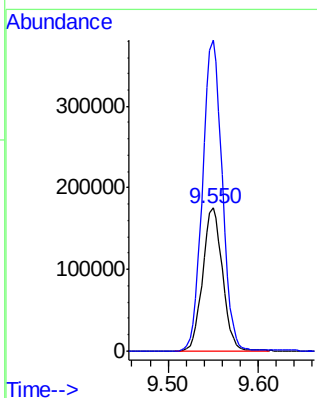
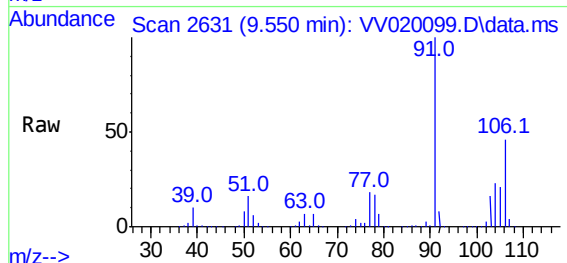




#54
o-xylene
Concen: 49.46 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

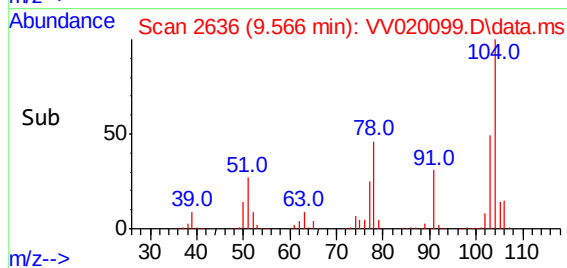
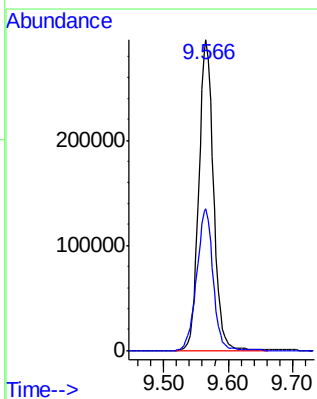
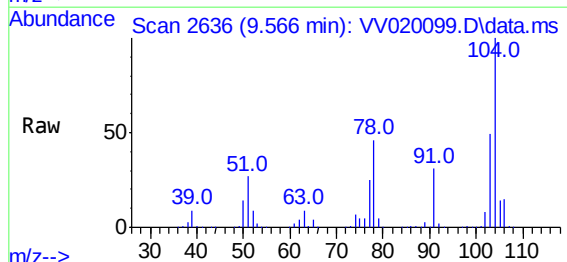
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

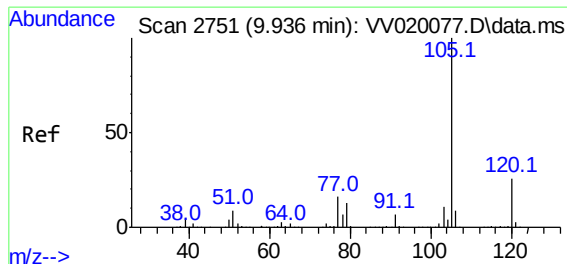
Tgt Ion:106 Resp: 263991
Ion Ratio Lower Upper
106 100
91 217.7 156.4 290.6



#55
Styrene
Concen: 51.43 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion:104 Resp: 471193
Ion Ratio Lower Upper
104 100
78 45.6 33.7 62.5



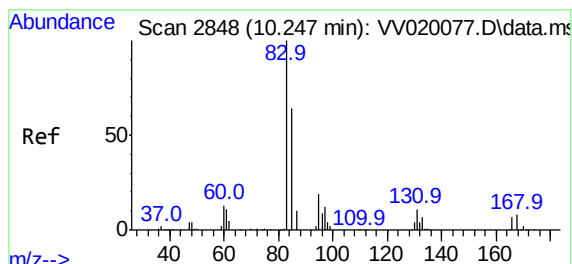
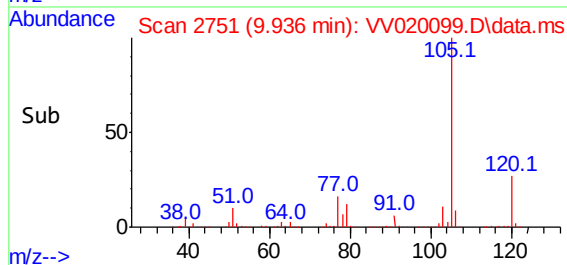
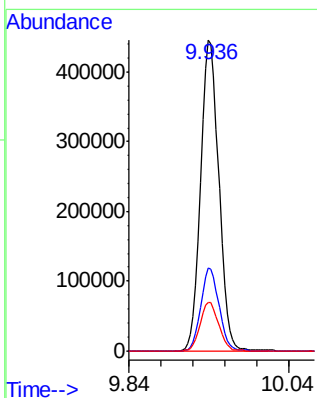
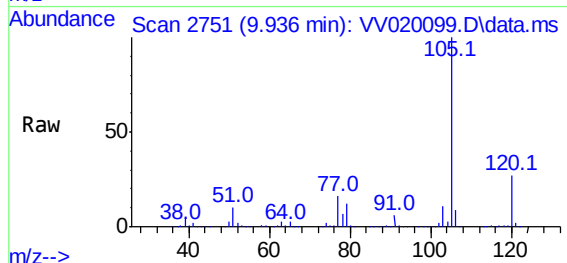


#56
Isopropylbenzene
Concen: 47.36 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

Tgt Ion:105 Resp: 680643

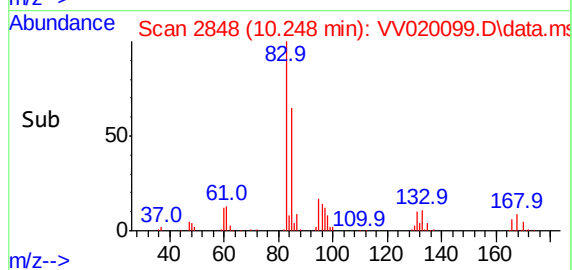
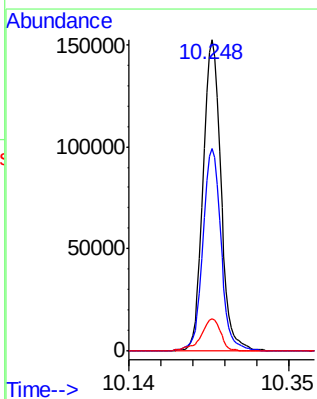
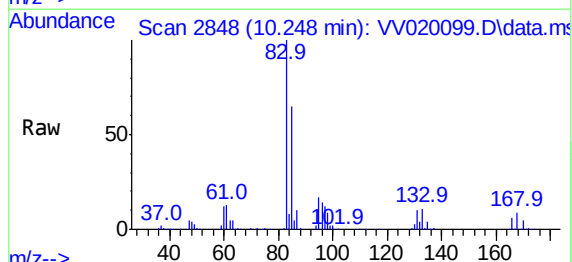
Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.5	30.7
77	15.7	13.6	20.4

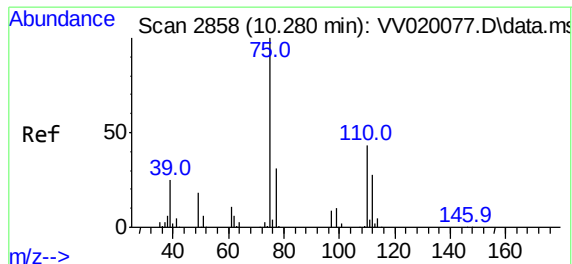


#58
1,1,2,2-Tetrachloroethane
Concen: 55.11 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 83 Resp: 244388

Ion	Ratio	Lower	Upper
83	100		
85	65.0	44.3	82.3
131	10.1	7.3	10.9

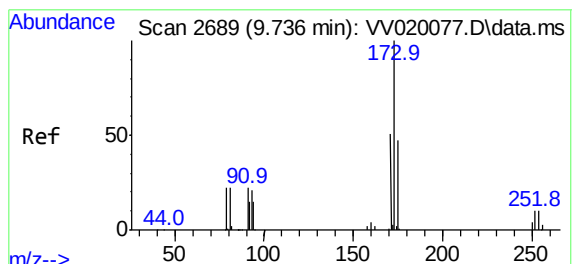
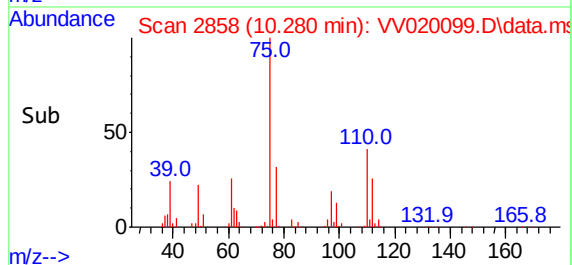
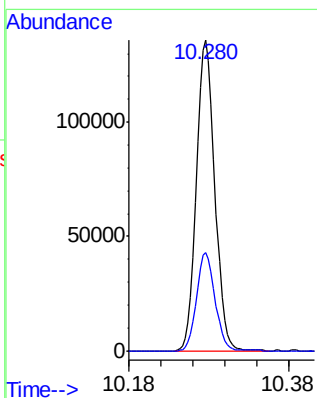
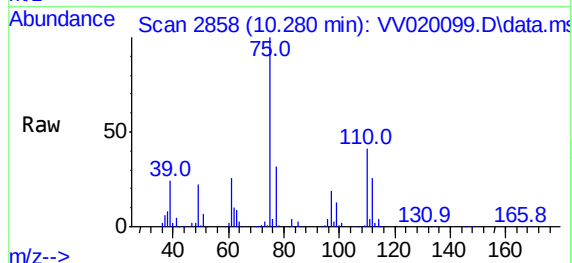




#59
1,2,3-Trichloropropane
Concen: 54.14 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

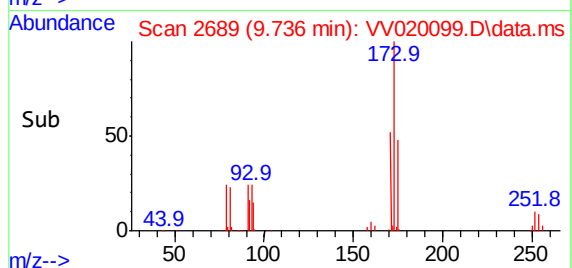
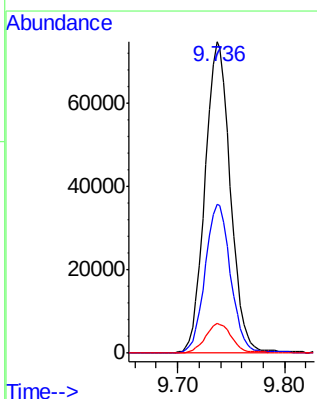
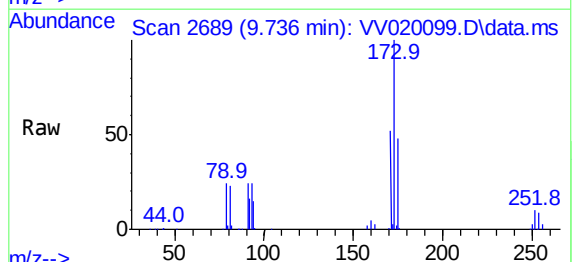
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

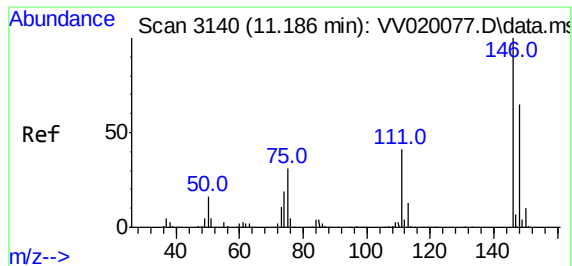
Tgt Ion: 75 Resp: 212100
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0



#61
Bromoform
Concen: 50.69 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion:173 Resp: 121388
Ion Ratio Lower Upper
173 100
175 48.1 38.6 57.8
254 9.4 6.5 9.7

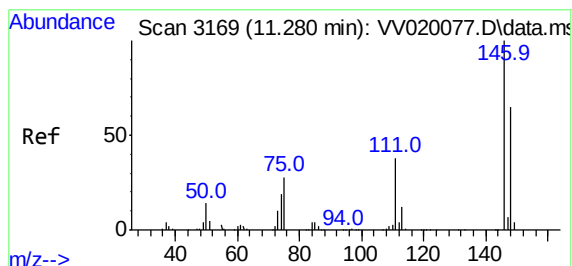
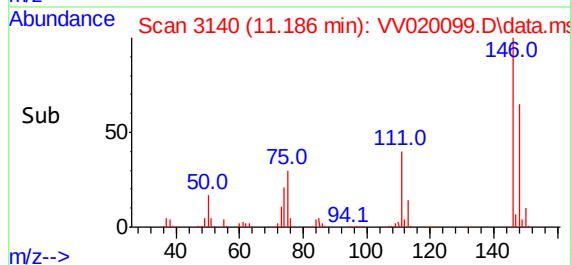
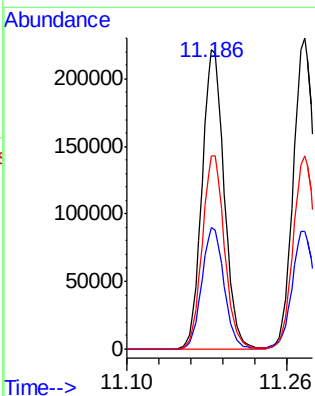
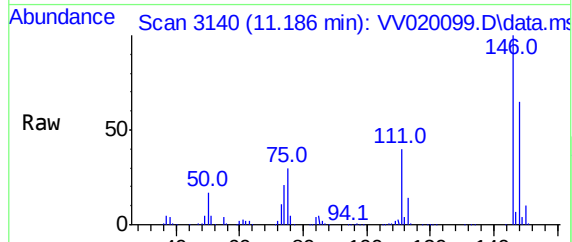




#62
1,3-Dichlorobenzene
Concen: 49.57 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

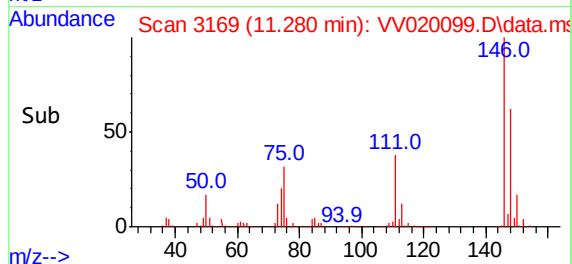
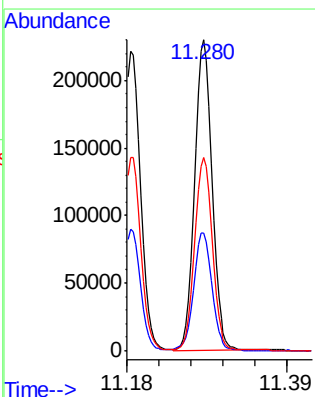
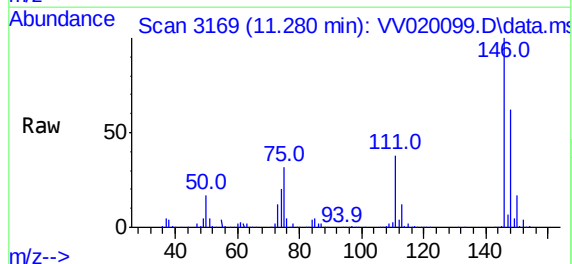
Instrument :
MSVOA_V
ClientSampled :
VSTD05075

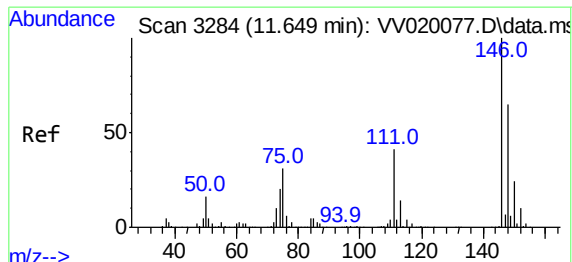
Tgt Ion:146 Resp: 340042
Ion Ratio Lower Upper
146 100
111 40.5 30.2 56.2
148 64.6 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 49.77 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion:146 Resp: 351268
Ion Ratio Lower Upper
146 100
111 38.0 29.4 54.6
148 62.1 44.7 83.1

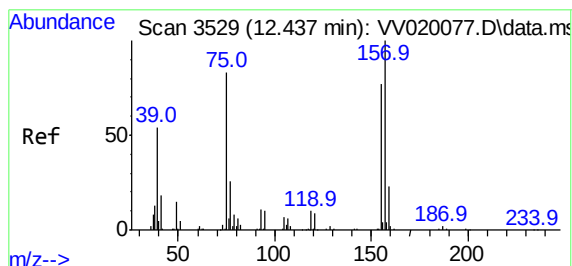
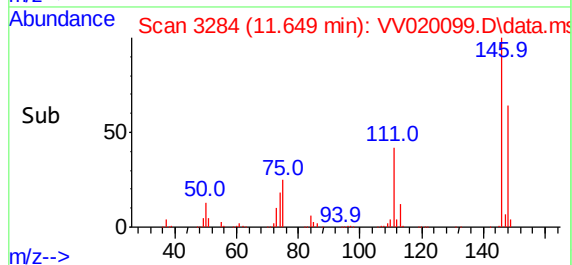
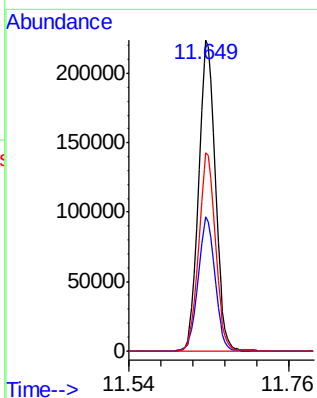
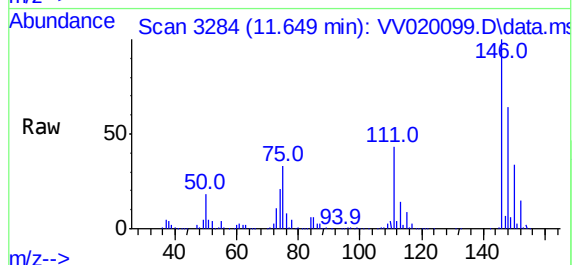




#65
1,2-Dichlorobenzene
Concen: 51.10 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

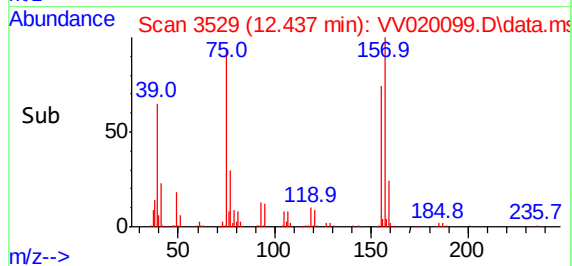
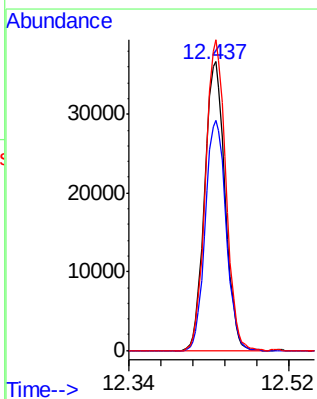
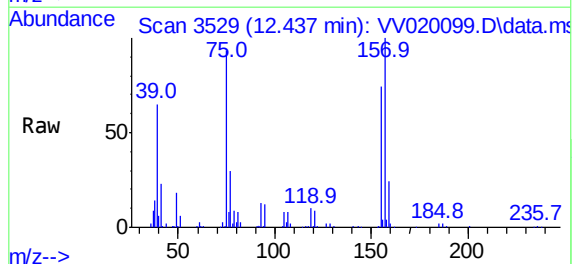
Instrument :
MSVOA_V
ClientSampleId :
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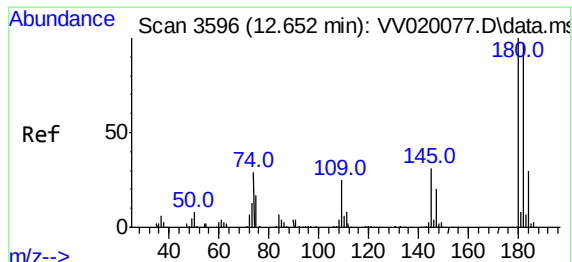
Tgt Ion:146 Resp: 351528
Ion Ratio Lower Upper
146 100
111 43.2 36.3 54.5
148 63.7 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 55.50 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion: 75 Resp: 56918
Ion Ratio Lower Upper
75 100
155 79.7 59.1 88.7
157 107.6 75.4 113.0

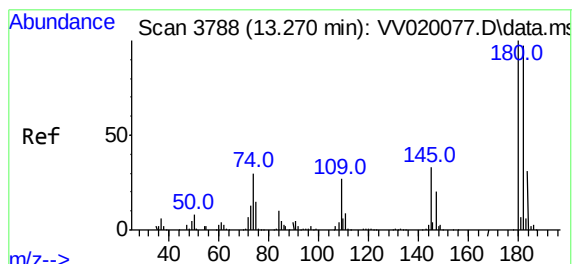
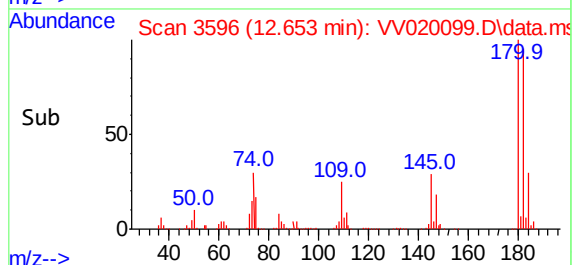
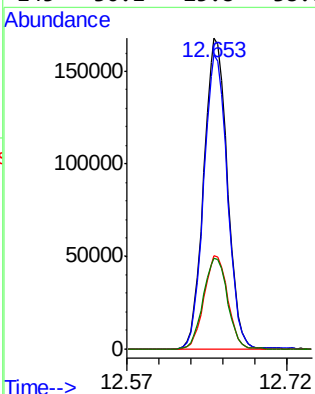
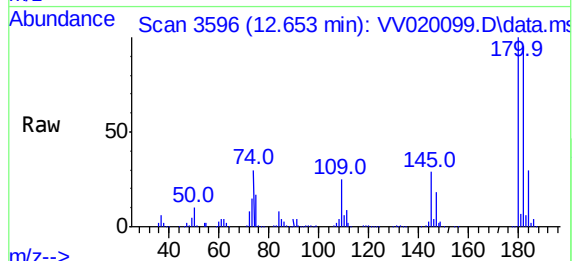




#67
1,3,5-Trichlorobenzene
Concen: 46.98 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

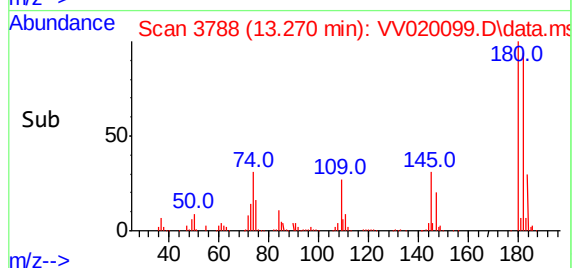
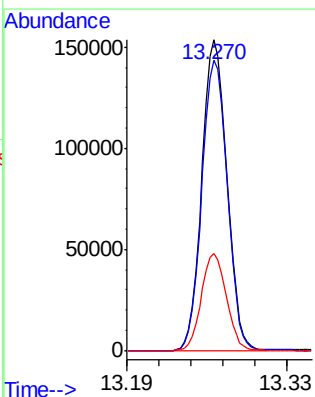
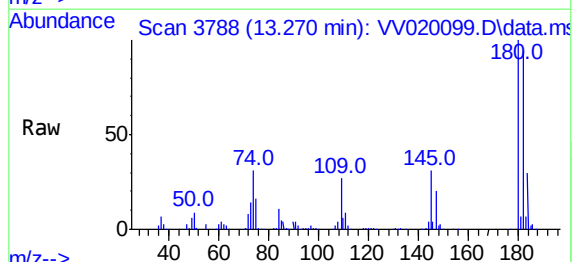
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

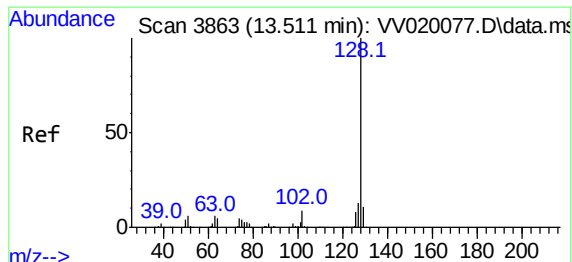
Tgt Ion:180 Resp: 253741
Ion Ratio Lower Upper
180 100
182 95.2 75.0 112.6
184 30.0 24.0 36.0
145 30.1 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 47.31 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion:180 Resp: 230490
Ion Ratio Lower Upper
180 100
182 95.1 75.1 112.7
145 31.1 26.8 40.2

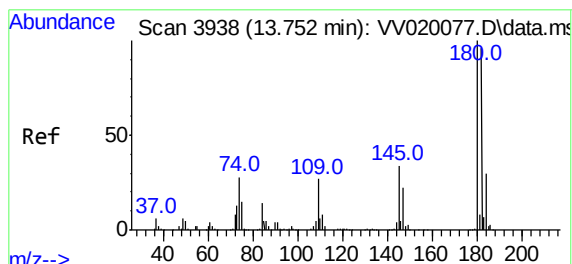
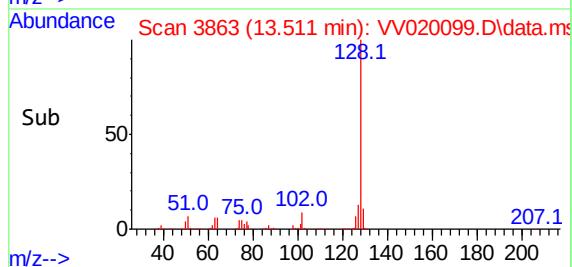
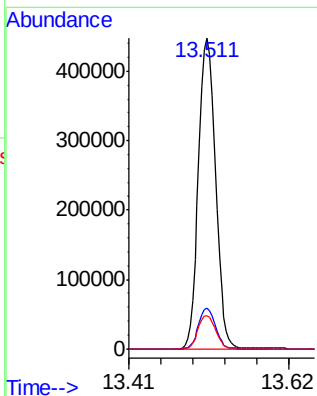
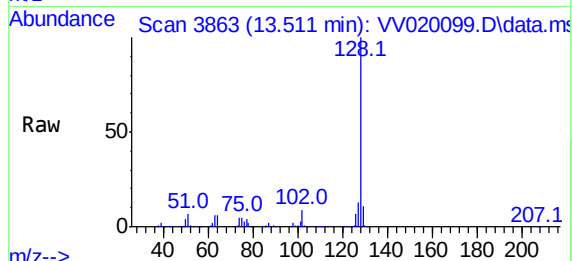




#69
Naphthalene
Concen: 54.00 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

Tgt Ion:128 Resp: 696570
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 50.71 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020099.D
Acq: 21 Jan 2021 00:25

Tgt Ion:180 Resp: 235218
Ion Ratio Lower Upper
180 100
182 95.2 76.1 114.1
145 32.9 27.9 41.9

