

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020321\
 Data File : VW020265.D
 Acq On : 03 Feb 2021 20:39
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085

Quant Time: Feb 03 23:53:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 17:26:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	560293	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.855	117	532390	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	313376	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	111216	49.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.04%		
7) Chloroethane-d5	1.569	69	93628	48.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.94%		
11) 1,1-Dichloroethene-d2	2.109	63	223764	48.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.68%		
21) 2-Butanone-d5	4.007	46	529	0.29	ug/L	0.11
Spiked Amount 100.000	Range 40 - 130		Recovery =	0.29%#		
24) Chloroform-d	4.354	84	301714	50.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.84%		
26) 1,2-Dichloroethane-d4	5.035	65	181945	50.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.00%		
32) Benzene-d6	5.055	84	578456	51.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.08%		
36) 1,2-Dichloropropane-d6	6.074	67	169678	51.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.36%		
41) Toluene-d8	7.318	98	569123	51.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.66%		
43) trans-1,3-Dichloroprop...	7.624	79	89780	50.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.50%		
47) 2-Hexanone-d5	8.090	63	160139	109.00	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.00%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	267513	51.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.20%		
64) 1,2-Dichlorobenzene-d4	11.630	152	291334	50.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.72%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	155938	48.86	ug/L	100
3) Chloromethane	1.241	50	125919	49.00	ug/L	97
5) Vinyl chloride	1.312	62	145849	51.03	ug/L	99
6) Bromomethane	1.524	94	101750	51.42	ug/L	95
8) Chloroethane	1.585	64	85358	49.91	ug/L	98
9) Trichlorofluoromethane	1.753	101	243959	51.25	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	139619	48.20	ug/L	# 78
13) Acetone	2.187	43	116668	95.25	ug/L	91
14) Carbon disulfide	2.296	76	375941	49.97	ug/L	99
15) Methyl Acetate	2.437	43	130659	50.37	ug/L	# 84
16) Methylene chloride	2.508	84	162441	51.72	ug/L	80
17) trans-1,2-Dichloroethene	2.762	96	160243	51.83	ug/L	83
18) Methyl tert-butyl Ether	2.772	73	475540	51.87	ug/L	93
19) 1,1-Dichloroethane	3.193	63	258306	51.20	ug/L	98
20) cis-1,2-Dichloroethene	3.916	96	176883	51.79	ug/L	78
22) 2-Butanone	3.974	43	189171	106.65	ug/L	89
23) Bromochloromethane	4.254	128	104498	52.22	ug/L	# 65
25) Chloroform	4.379	83	292248	51.19	ug/L	95
27) 1,2-Dichloroethane	5.051	62	2961	0.71	ug/L	100
29) Cyclohexane	4.682	56	201532	49.53	ug/L	# 83

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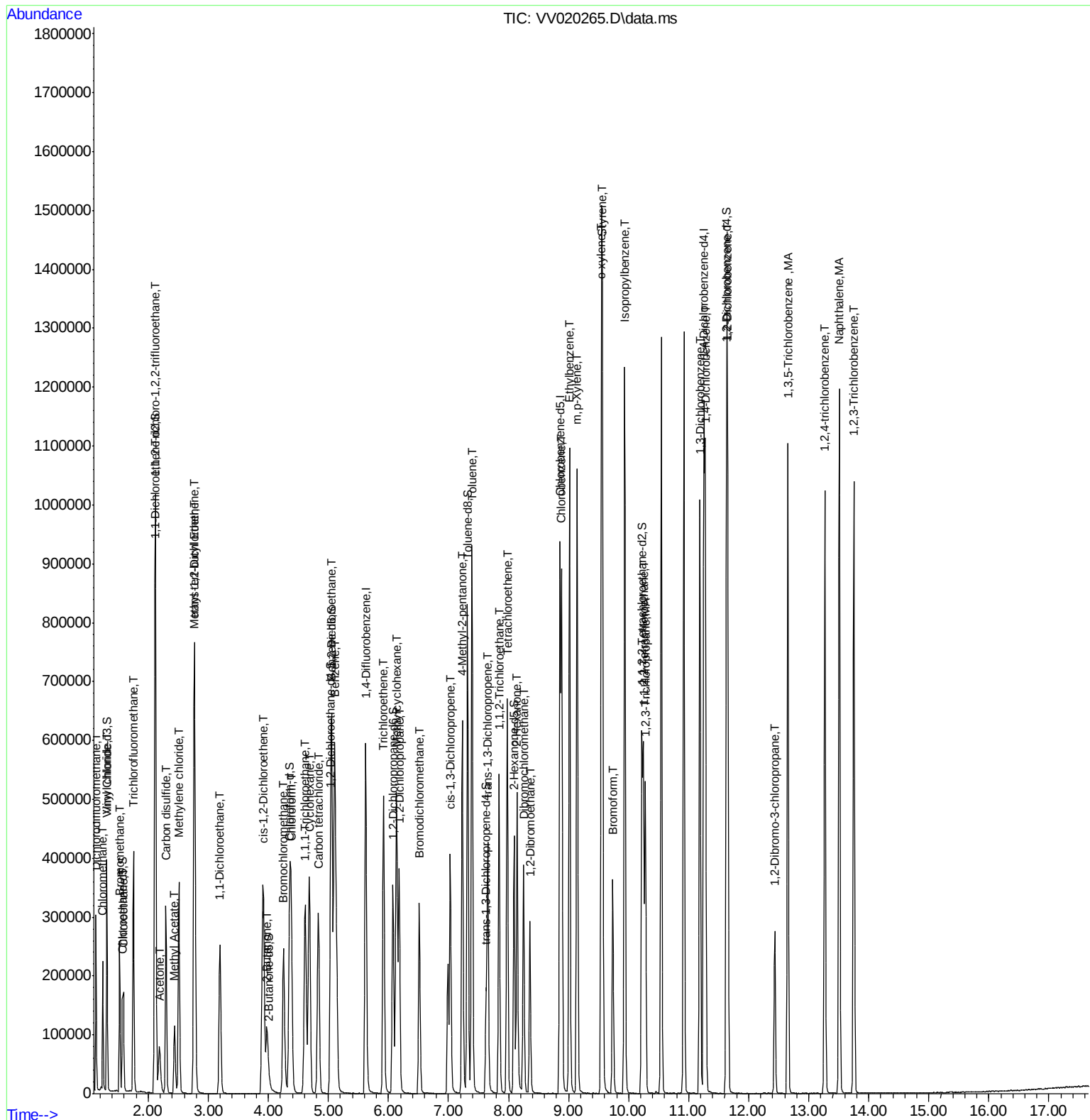
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.614	97	274664	53.24	ug/L #	92
31) Carbon tetrachloride	4.833	117	245178	52.81	ug/L	98
33) Benzene	5.103	78	621955	52.94	ug/L	100
34) Trichloroethene	5.916	95	172242	51.01	ug/L	82
35) Methylcyclohexane	6.135	83	236071	48.79	ug/L	88
37) 1,2-Dichloropropane	6.177	63	147784	52.32	ug/L #	94
38) Bromodichloromethane	6.514	83	219444	53.68	ug/L #	99
39) cis-1,3-Dichloropropene	7.029	75	248582	53.42	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	371569	108.34	ug/L #	85
42) Toluene	7.389	91	696118	52.86	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	239381	52.68	ug/L	98
45) 1,1,2-Trichloroethane	7.842	97	173662	52.96	ug/L	94
46) Tetrachloroethene	7.981	164	172201	50.88	ug/L	88
48) 2-Hexanone	8.141	43	284377	106.75	ug/L #	86
49) Dibromochloromethane	8.251	129	206890	53.31	ug/L	98
50) 1,2-Dibromoethane	8.357	107	190790	53.69	ug/L #	99
51) Chlorobenzene	8.884	112	497570	51.69	ug/L	92
52) Ethylbenzene	9.016	91	777073	52.25	ug/L	95
53) m,p-Xylene	9.141	106	313425	52.77	ug/L	88
54) o-xylene	9.546	106	308287	53.19	ug/L	88
55) Styrene	9.563	104	542532	54.03	ug/L	91
56) Isopropylbenzene	9.936	105	812355	52.79	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.247	83	260260	52.31	ug/L #	96
59) 1,2,3-Trichloropropane	10.280	75	208097	52.25	ug/L	98
61) Bromoform	9.736	173	172756	54.50	ug/L #	96
62) 1,3-Dichlorobenzene	11.186	146	450737	52.16	ug/L	94
63) 1,4-Dichlorobenzene	11.280	146	460938	51.56	ug/L	94
65) 1,2-Dichlorobenzene	11.649	146	454493	52.71	ug/L	94
66) 1,2-Dibromo-3-chloropr...	12.434	75	60559	54.36	ug/L #	44
67) 1,3,5-Trichlorobenzene	12.652	180	390977	51.57	ug/L	97
68) 1,2,4-trichlorobenzene	13.270	180	351553	51.48	ug/L	95
69) Naphthalene	13.508	128	959172	56.72	ug/L	99
70) 1,2,3-Trichlorobenzene	13.752	180	354895	52.48	ug/L	97

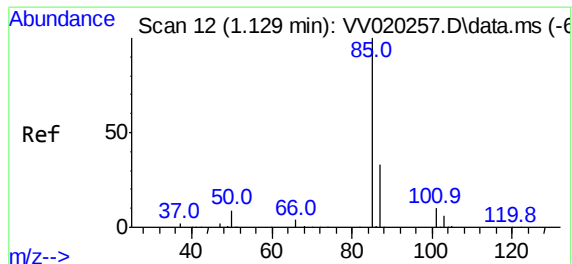
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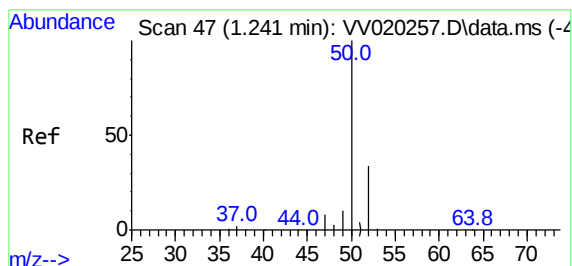
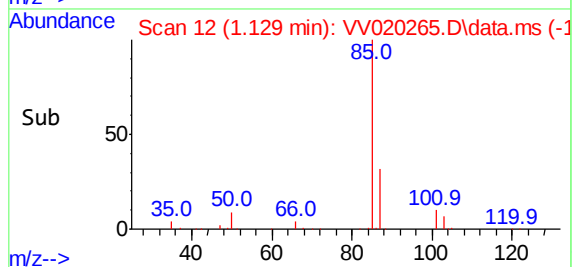
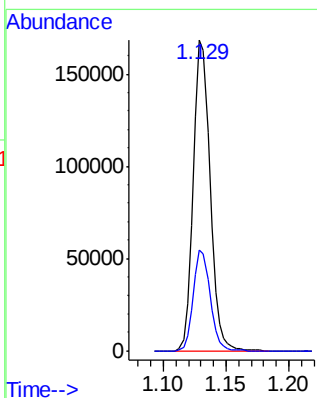
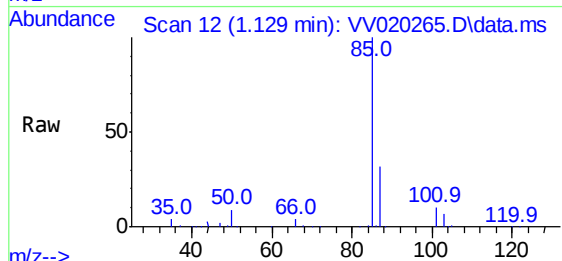




#2
Dichlorodifluoromethane
Concen: 48.86 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

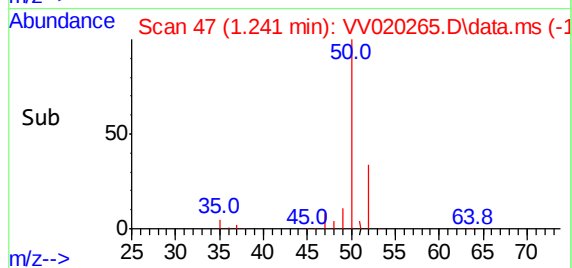
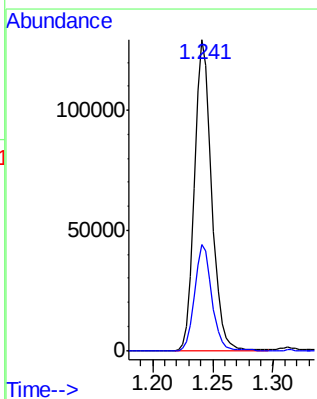
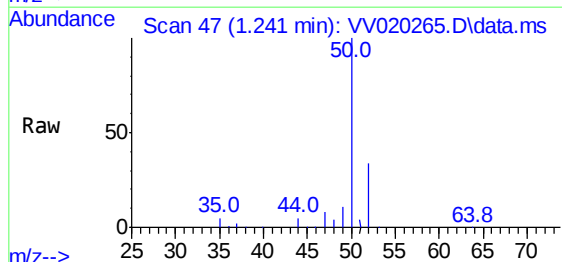
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MSVOA_V
ClientSampleId :
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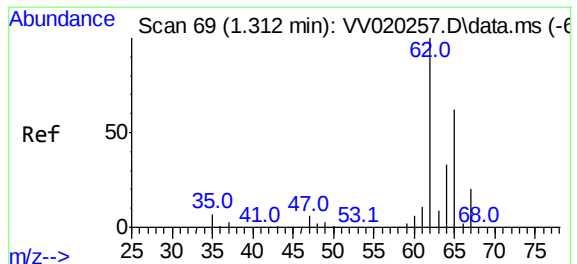
Tgt Ion: 85 Resp: 155938
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9



#3
Chloromethane
Concen: 49.00 ug/L
RT: 1.241 min Scan# 47
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion: 50 Resp: 125919
Ion Ratio Lower Upper
50 100
52 33.9 22.7 42.1

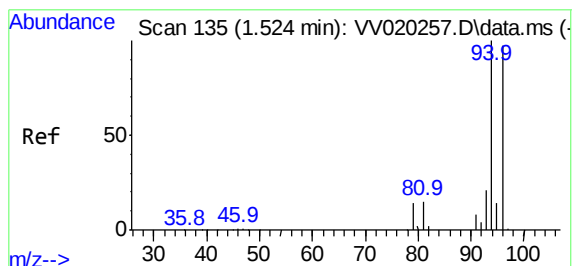
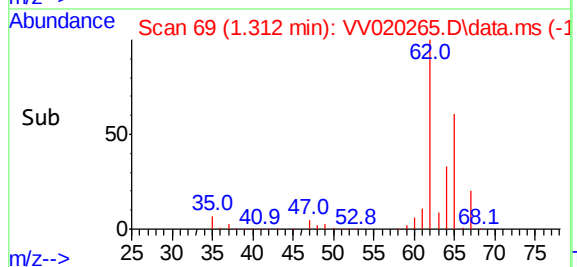
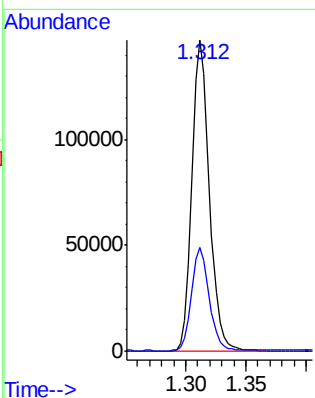
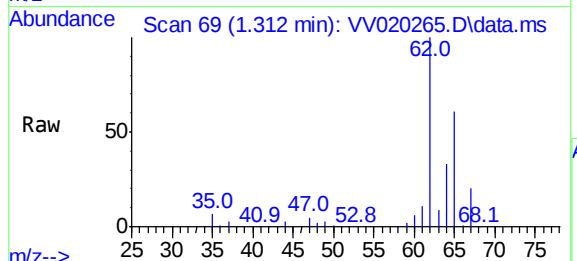




#5
 Vinyl chloride
 Concen: 51.03 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020265.D
 Acq: 03 Feb 2021 20:39

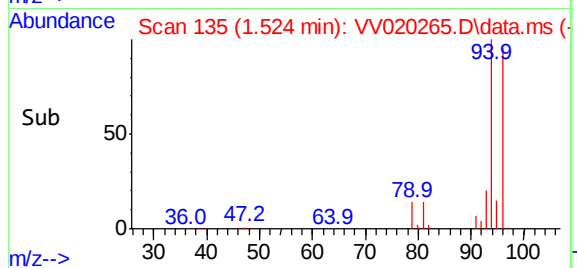
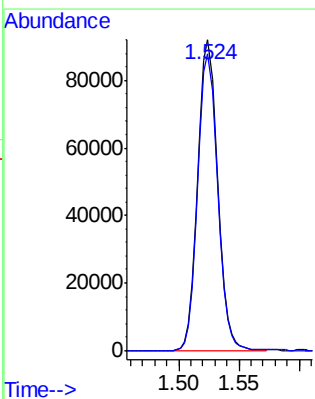
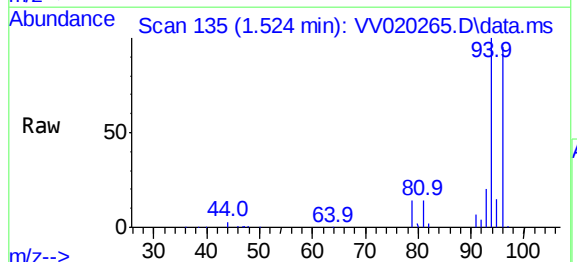
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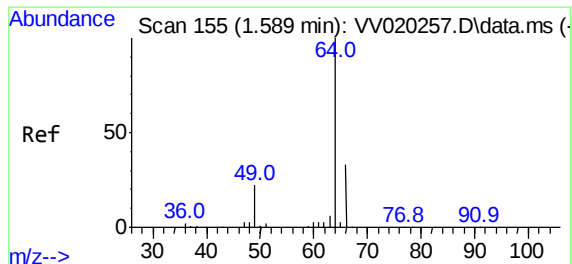
Tgt Ion: 62 Resp: 145849
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.0 42.6



#6
 Bromomethane
 Concen: 51.42 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. 0.000 min
 Lab File: VV020265.D
 Acq: 03 Feb 2021 20:39

Tgt Ion: 94 Resp: 101750
 Ion Ratio Lower Upper
 94 100
 96 95.5 63.6 118.2

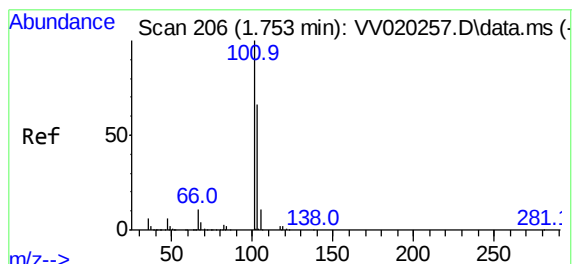
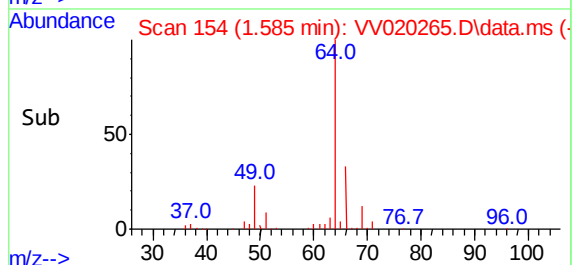
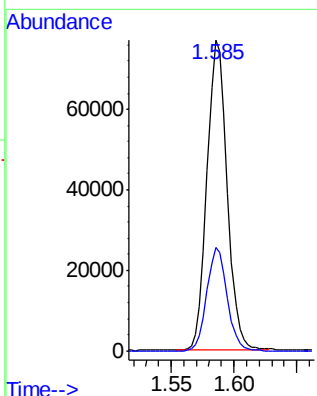
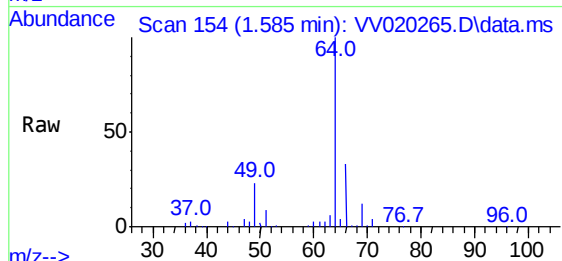




#8
Chloroethane
Concen: 49.91 ug/L
RT: 1.585 min Scan# 154
Delta R.T. -0.003 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

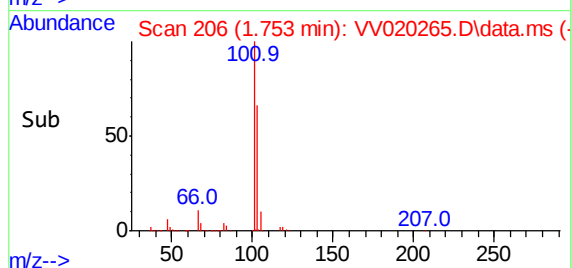
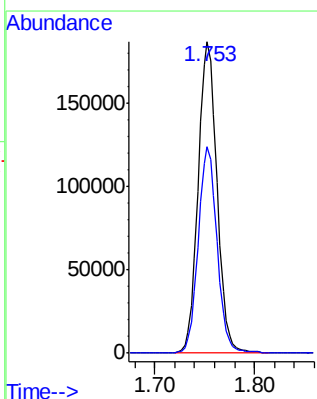
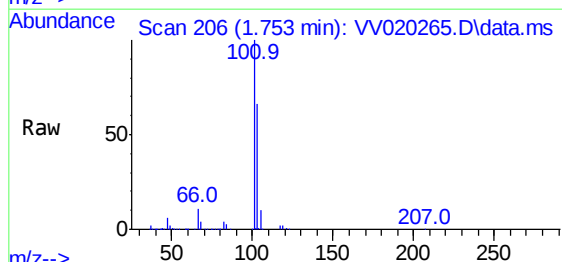
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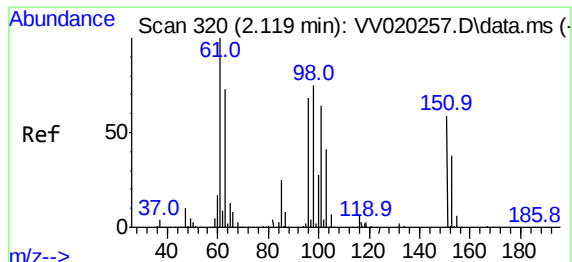
Tgt Ion: 64 Resp: 85358
Ion Ratio Lower Upper
64 100
66 33.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 51.25 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion:101 Resp: 243959
Ion Ratio Lower Upper
101 100
103 65.7 51.7 77.5

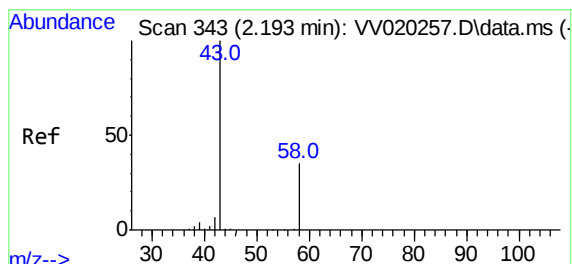
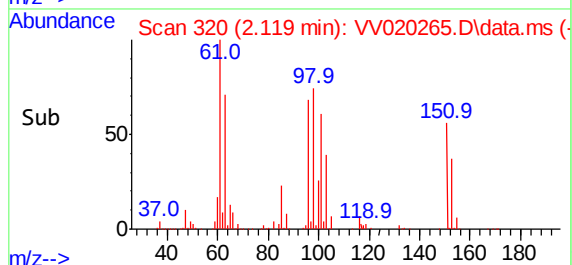
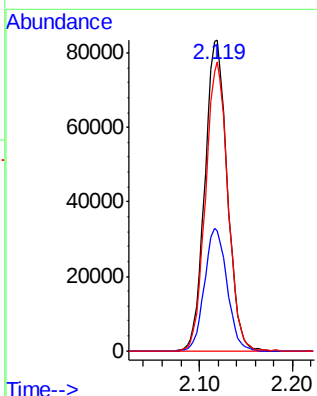
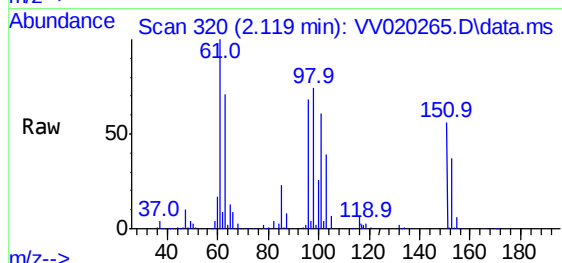




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.20 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV020265.D
 Acq: 03 Feb 2021 20:39

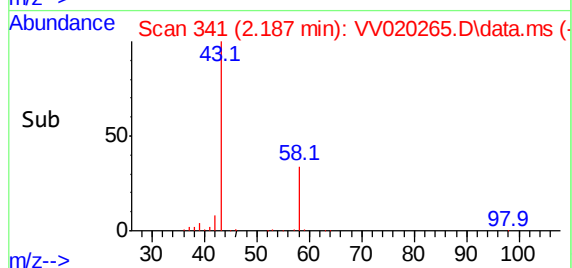
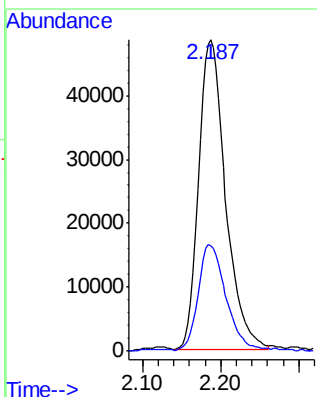
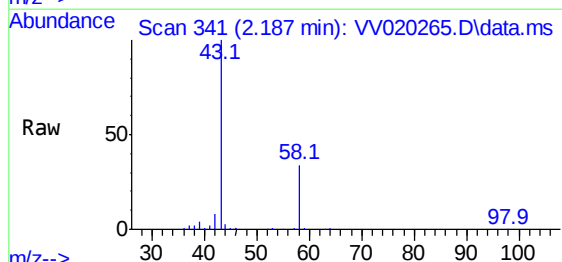
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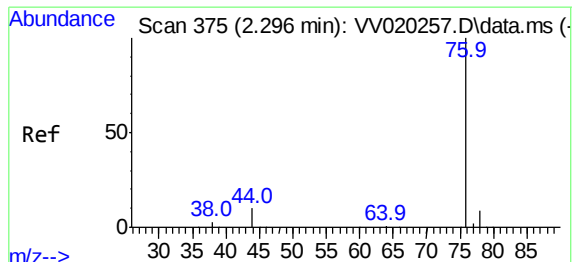
Tgt Ion:101 Resp: 139619
 Ion Ratio Lower Upper
 101 100
 85 39.5 35.3 52.9
 151 92.2 53.6 80.4#



#13
 Acetone
 Concen: 95.25 ug/L
 RT: 2.187 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VV020265.D
 Acq: 03 Feb 2021 20:39

Tgt Ion: 43 Resp: 116668
 Ion Ratio Lower Upper
 43 100
 58 35.2 0.0 60.2





#14

Carbon disulfide

Concen: 49.97 ug/L

RT: 2.296 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV020265.D

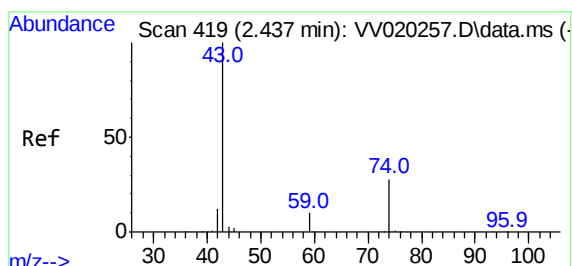
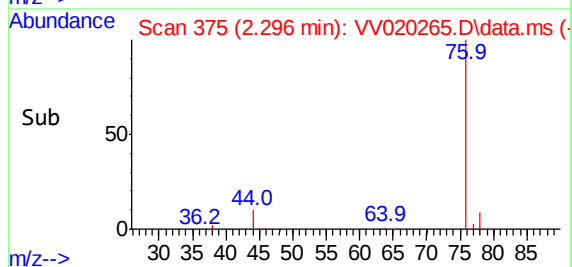
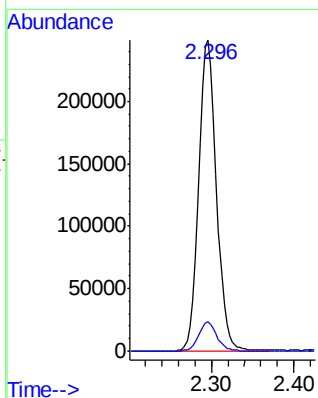
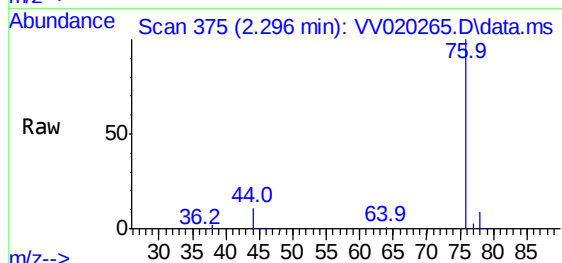
Acq: 03 Feb 2021 20:39

Tgt Ion: 76 Resp: 375941

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#15

Methyl Acetate

Concen: 50.37 ug/L

RT: 2.437 min Scan# 419

Delta R.T. 0.000 min

Lab File: VV020265.D

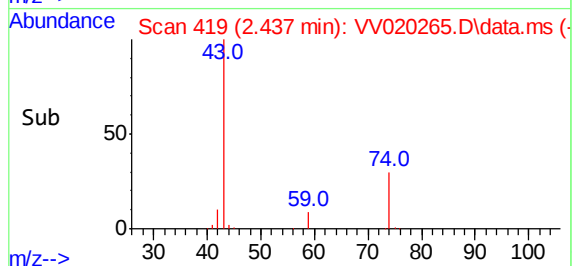
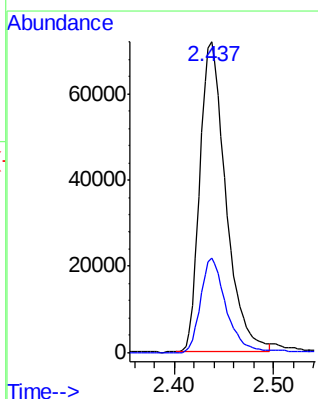
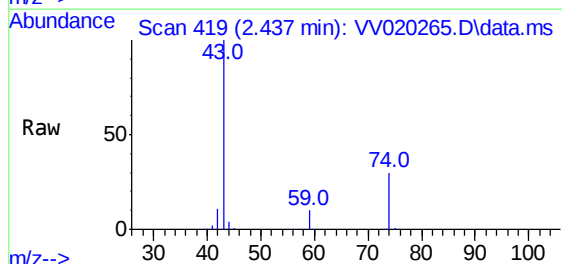
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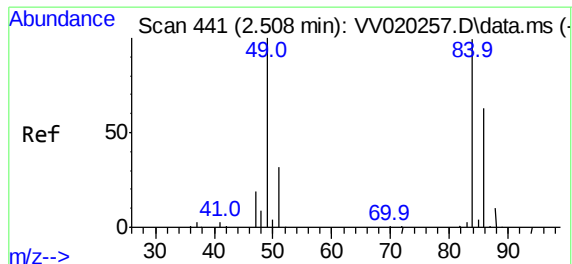
Tgt Ion: 43 Resp: 130659

Ion Ratio Lower Upper

43 100

74 29.6 17.6 26.4#



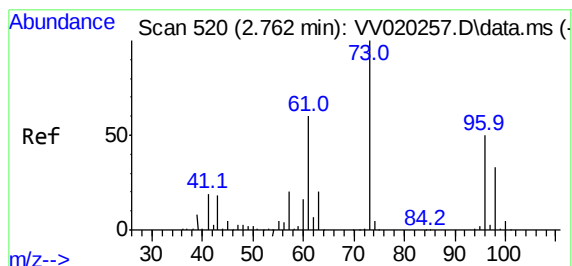
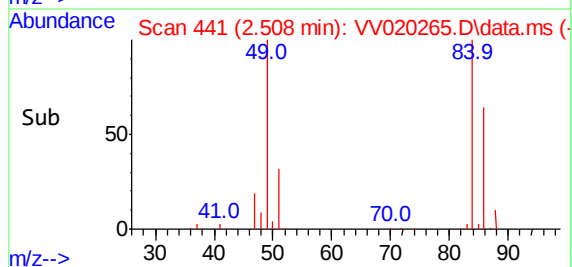
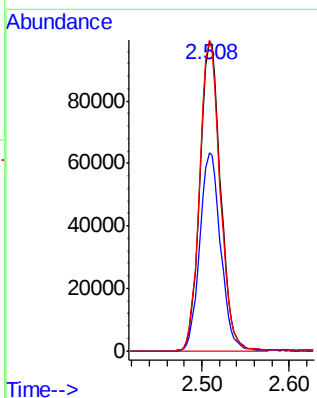
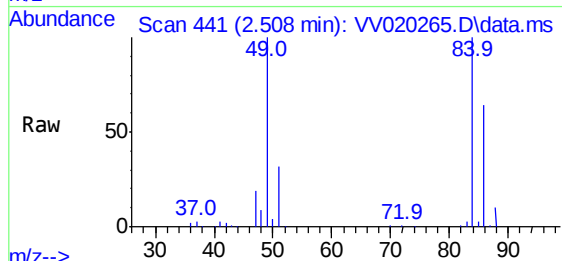


#16
Methylene chloride
Concen: 51.72 ug/L
RT: 2.508 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

Tgt Ion: 84 Resp: 162441

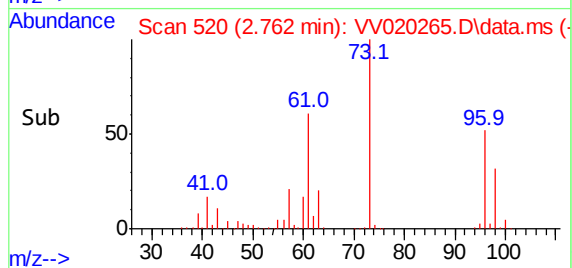
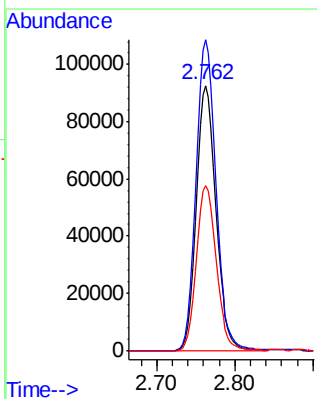
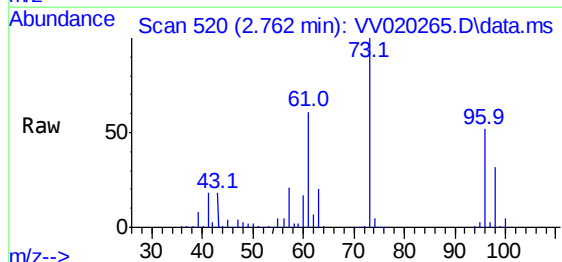
Ion	Ratio	Lower	Upper
84	100		
86	64.0	44.6	82.8
49	100.4	94.6	175.8

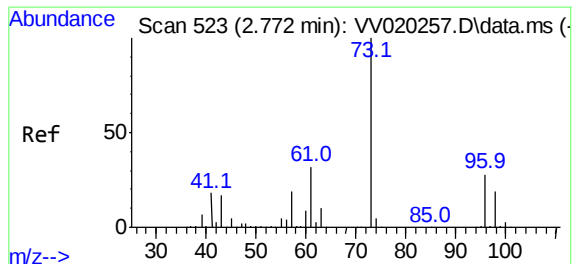


#17
trans-1,2-Dichloroethene
Concen: 51.83 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion: 96 Resp: 160243

Ion	Ratio	Lower	Upper
96	100		
61	117.3	103.1	191.5
98	62.4	43.1	80.1

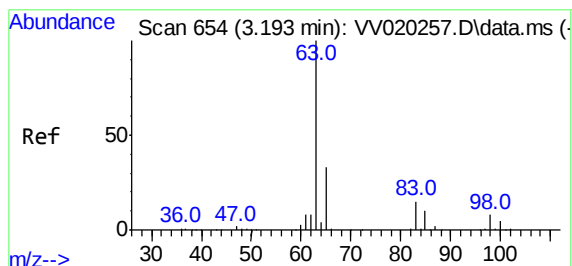
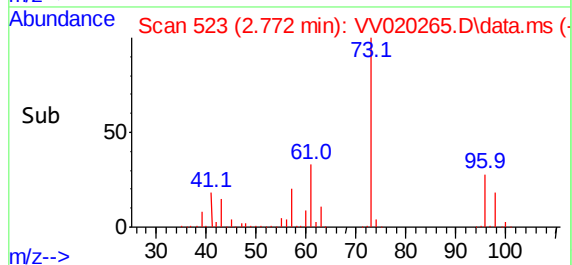
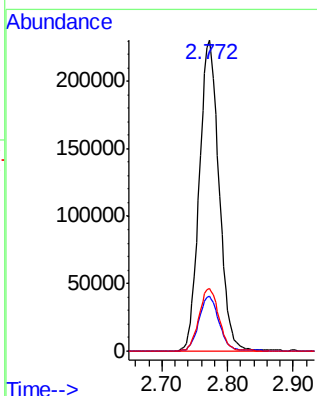
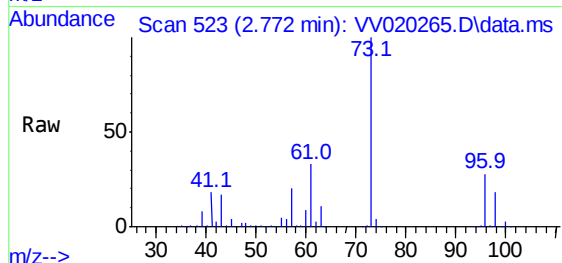




#18
Methyl tert-butyl Ether
Concen: 51.87 ug/L
RT: 2.772 min Scan# 523
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

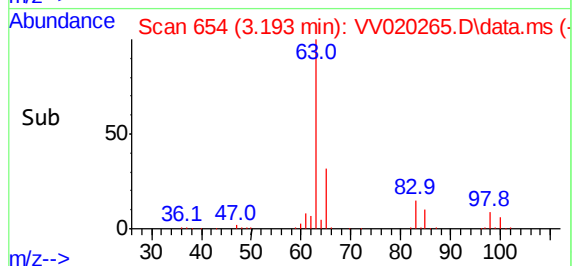
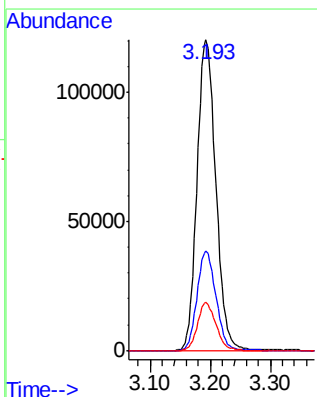
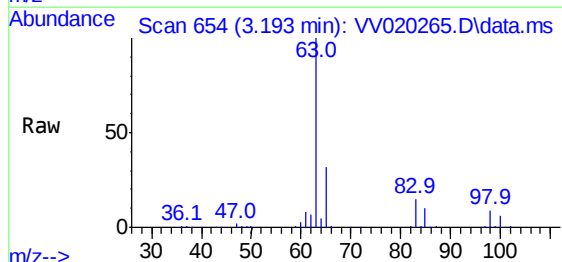
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

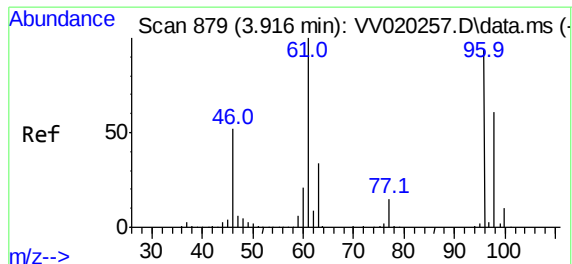
Tgt Ion: 73 Resp: 475540
Ion Ratio Lower Upper
73 100
43 17.6 17.3 25.9
57 20.1 17.9 26.9



#19
1,1-Dichloroethane
Concen: 51.20 ug/L
RT: 3.193 min Scan# 654
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion: 63 Resp: 258306
Ion Ratio Lower Upper
63 100
65 32.0 21.9 40.7
83 15.4 9.5 17.7

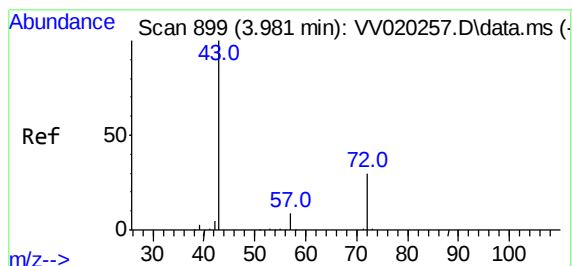
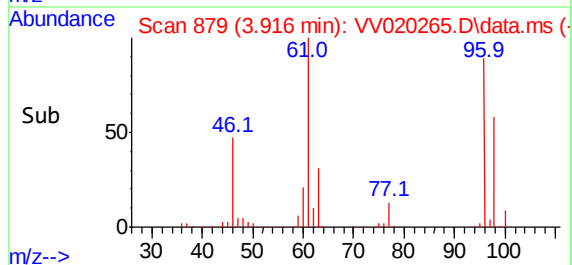
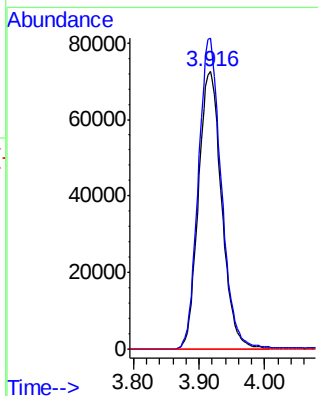
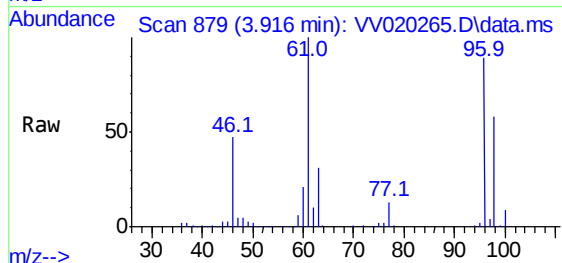




#20
cis-1,2-Dichloroethene
Concen: 51.79 ug/L
RT: 3.916 min Scan# 879
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

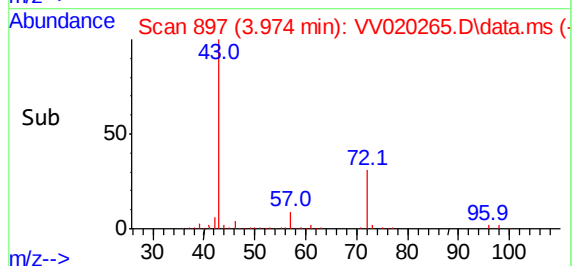
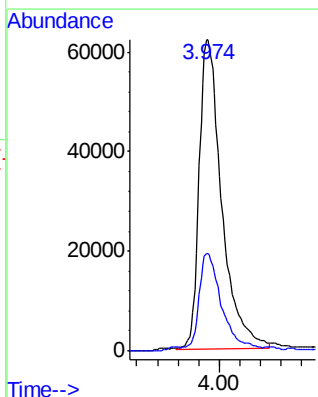
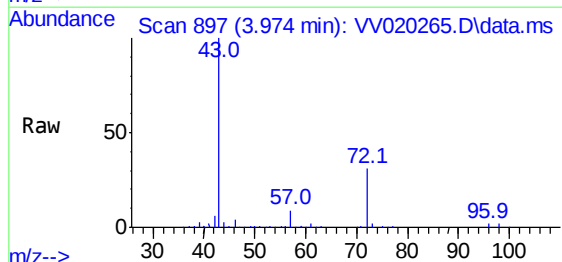
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

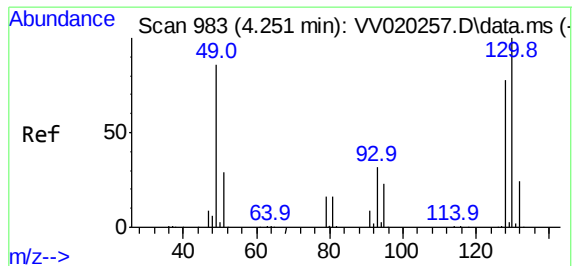
Tgt Ion: 96 Resp: 176883
Ion Ratio Lower Upper
96 100
61 112.1 96.9 179.9
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 106.65 ug/L
RT: 3.974 min Scan# 897
Delta R.T. -0.006 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion: 43 Resp: 189171
Ion Ratio Lower Upper
43 100
72 29.8 12.2 36.6

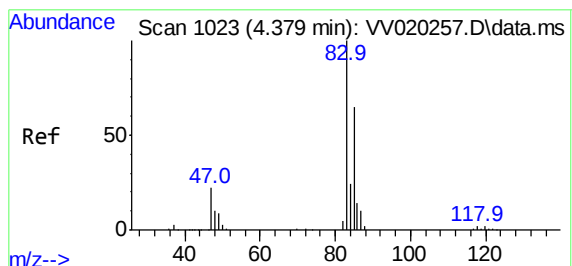
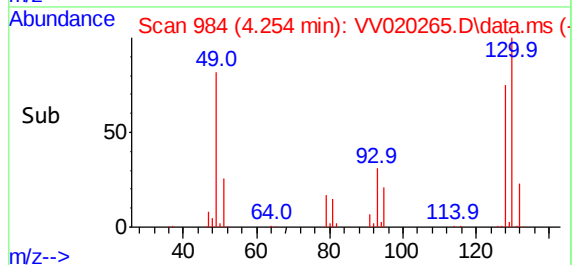
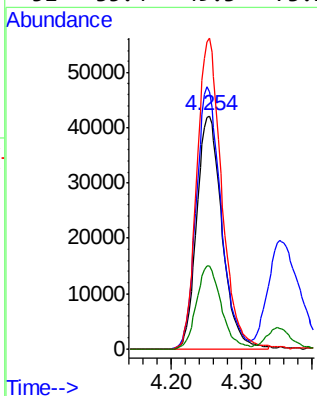
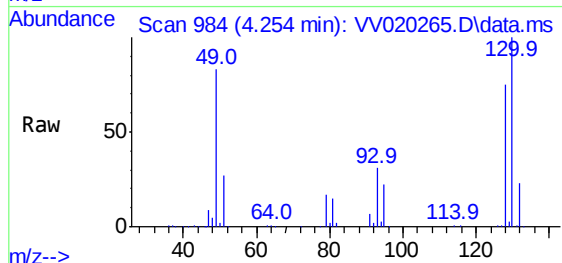




#23
Bromochloromethane
Concen: 52.22 ug/L
RT: 4.254 min Scan# 984
Delta R.T. 0.003 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

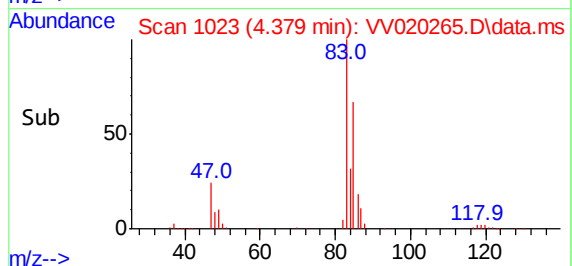
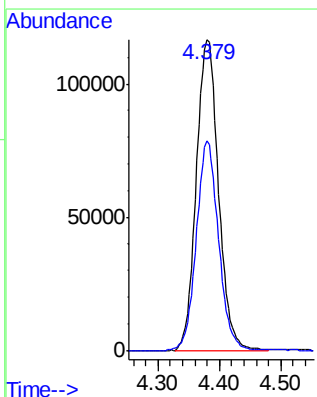
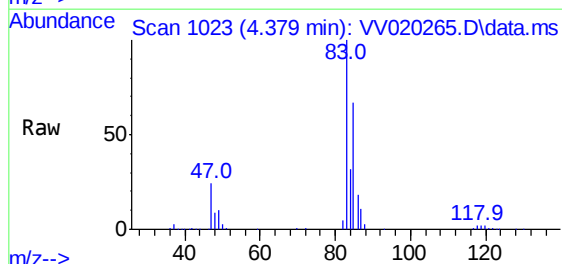
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

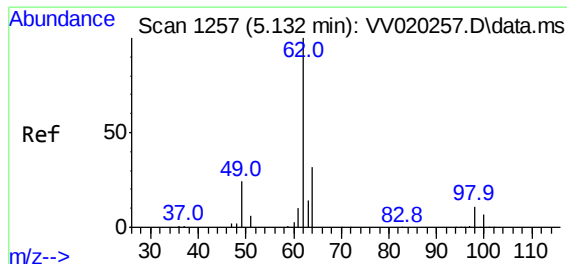
Tgt Ion:128 Resp: 104498
Ion Ratio Lower Upper
128 100
49 110.4 133.1 247.1#
130 133.4 89.0 165.4
51 35.4 49.3 73.9#



#25
Chloroform
Concen: 51.19 ug/L
RT: 4.379 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion: 83 Resp: 292248
Ion Ratio Lower Upper
83 100
85 67.4 44.2 82.2

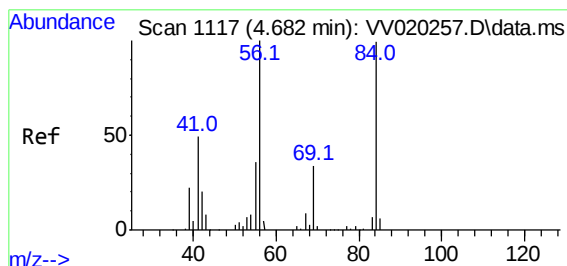
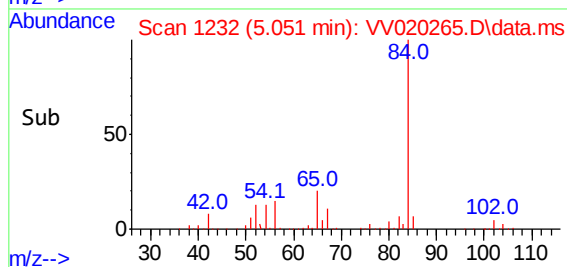
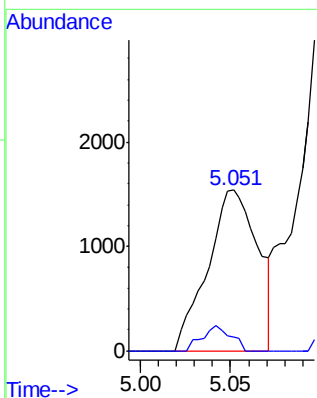
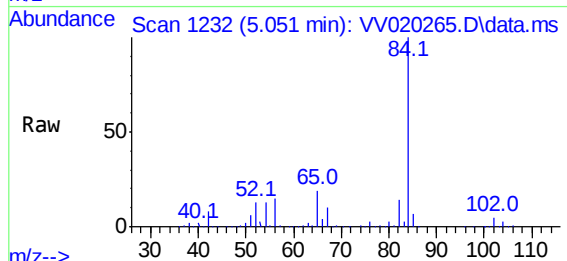




#27
1,2-Dichloroethane
Concen: 0.71 ug/L
RT: 5.051 min Scan# 1232
Delta R.T. -0.080 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

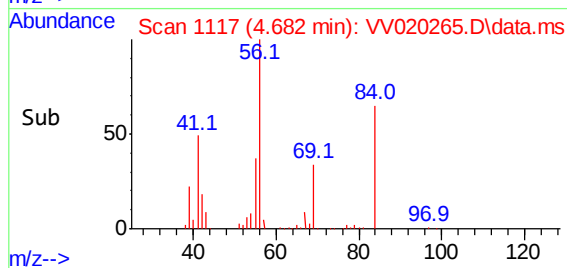
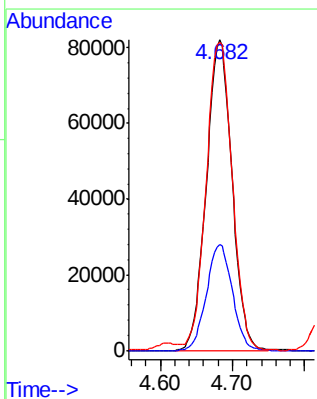
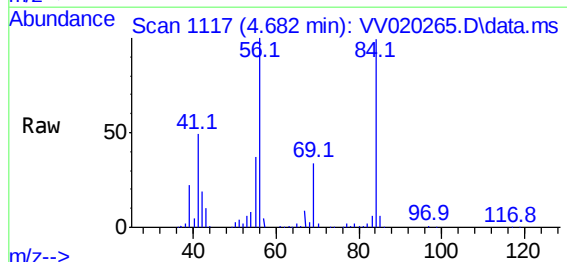
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

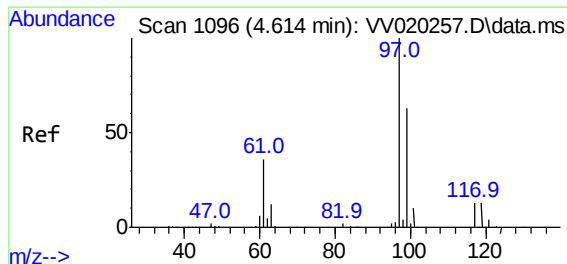
Tgt Ion: 62 Resp: 2961
Ion Ratio Lower Upper
62 100
98 8.6 6.9 10.3



#29
Cyclohexane
Concen: 49.53 ug/L
RT: 4.682 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion: 56 Resp: 201532
Ion Ratio Lower Upper
56 100
69 34.4 24.2 36.2
84 101.1 66.3 99.5#

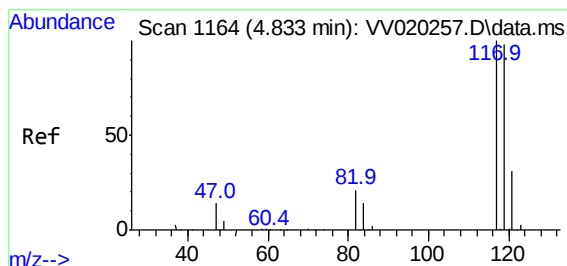
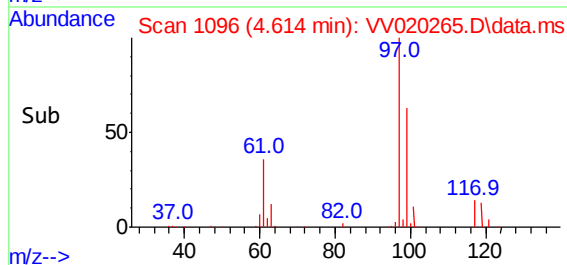
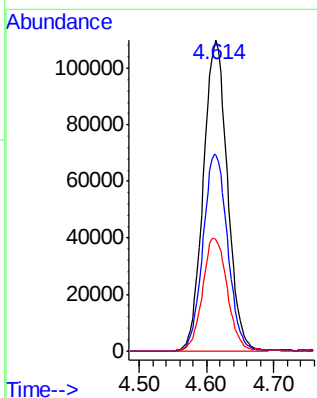
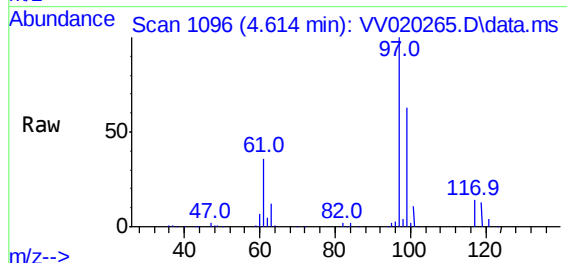




#30
1,1,1-Trichloroethane
Concen: 53.24 ug/L
RT: 4.614 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

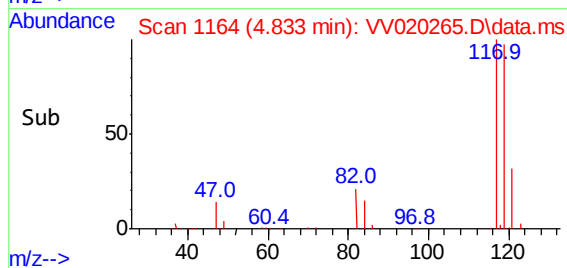
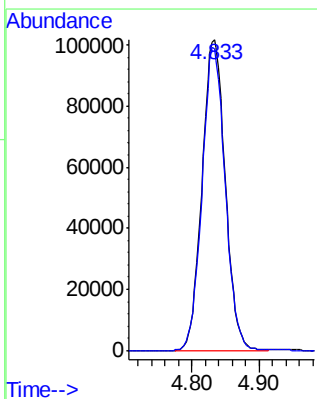
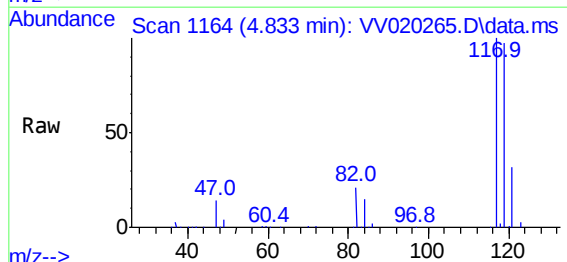
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

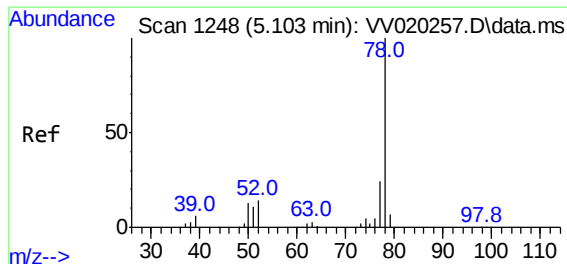
Tgt Ion: 97 Resp: 274664
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 36.9 38.5 57.7#



#31
Carbon tetrachloride
Concen: 52.81 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion: 117 Resp: 245178
Ion Ratio Lower Upper
117 100
119 97.1 76.3 114.5

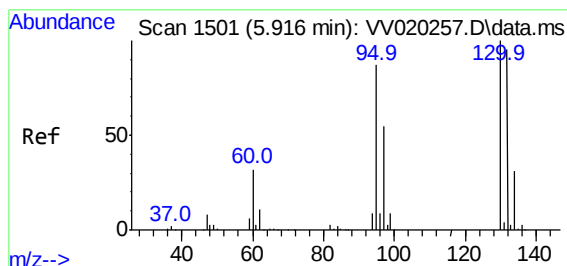
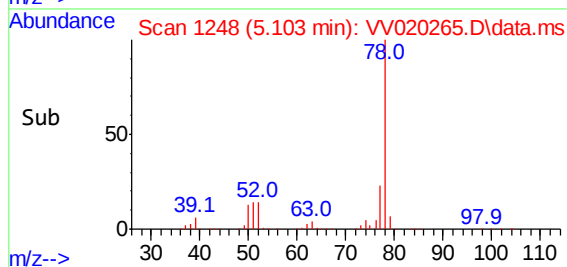
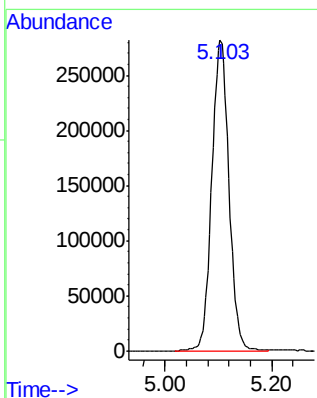
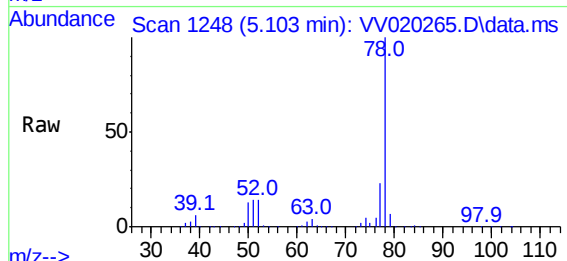




#33
Benzene
Concen: 52.94 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

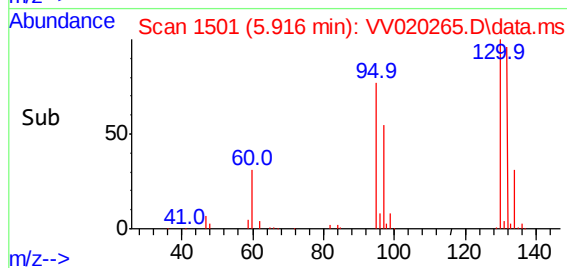
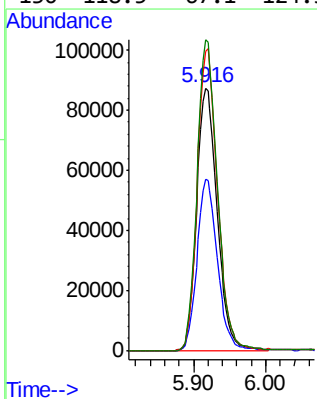
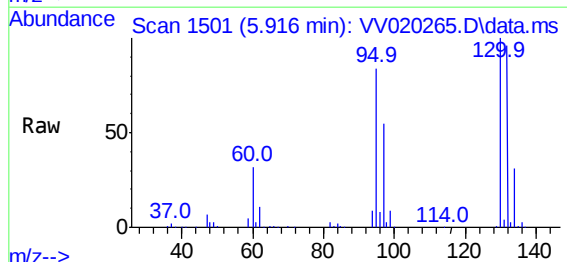
Tgt Ion: 78 Resp: 621955

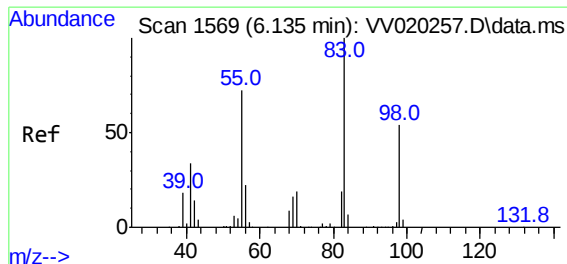


#34
Trichloroethene
Concen: 51.01 ug/L
RT: 5.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion: 95 Resp: 172242

Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.5	82.7
132	114.0	63.4	117.8
130	118.5	67.1	124.5

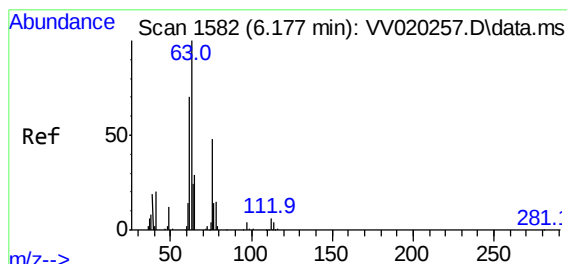
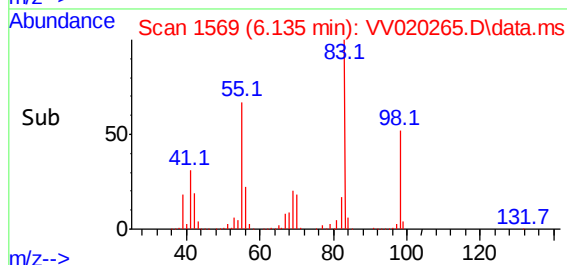
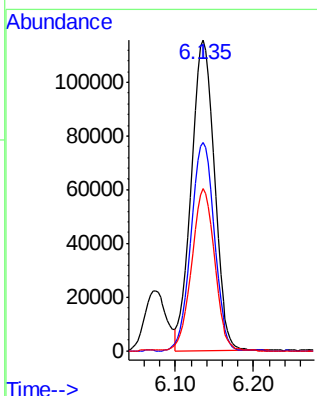
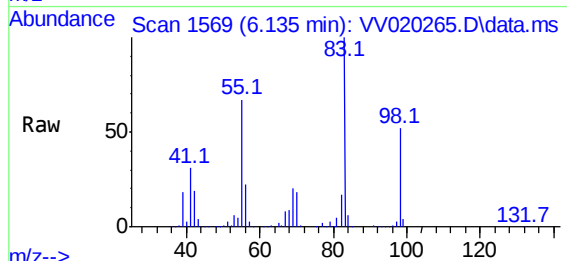




#35
Methylcyclohexane
Concen: 48.79 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

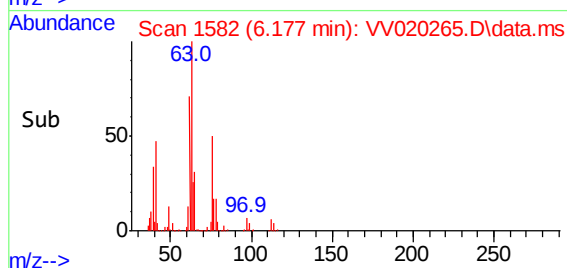
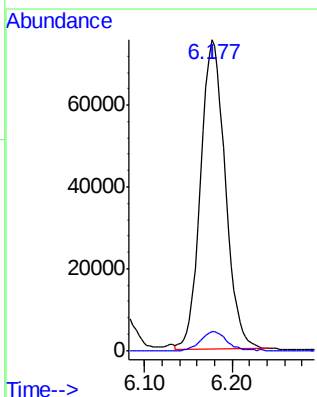
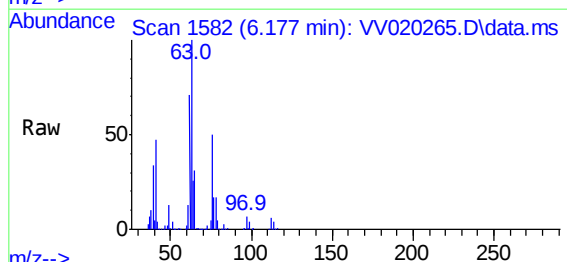
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

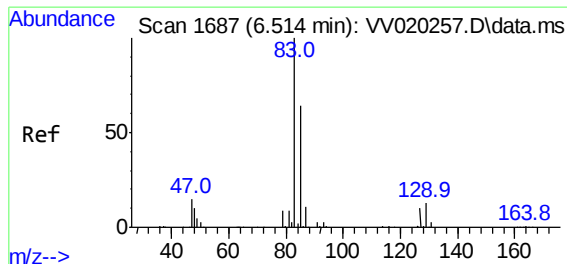
Tgt Ion: 83 Resp: 236071
Ion Ratio Lower Upper
83 100
55 67.6 65.1 97.7
98 51.6 38.2 57.2



#37
1,2-Dichloropropane
Concen: 52.32 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion: 63 Resp: 147784
Ion Ratio Lower Upper
63 100
112 6.2 3.3 4.9#

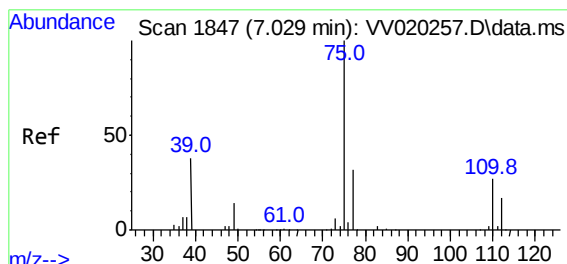
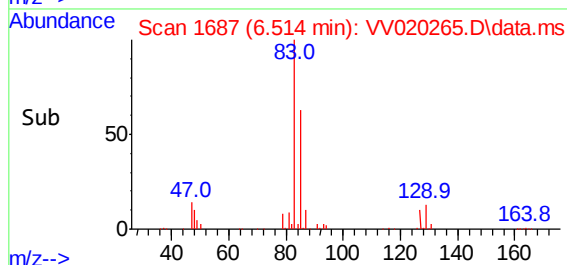
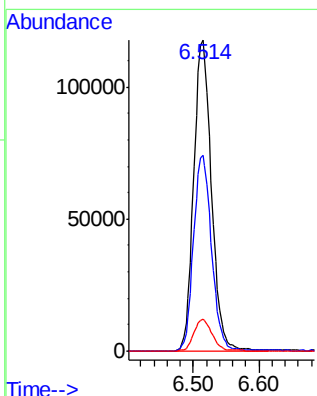
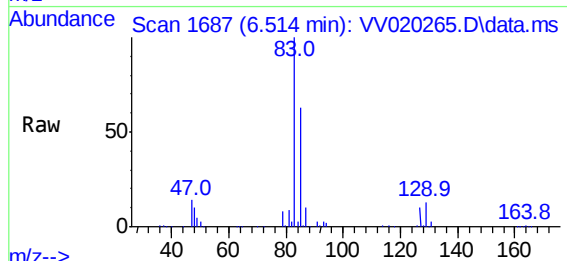




#38
Bromodichloromethane
Concen: 53.68 ug/L
RT: 6.514 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

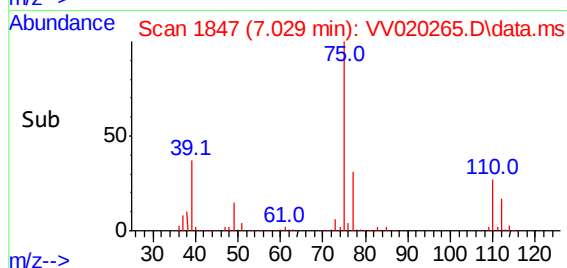
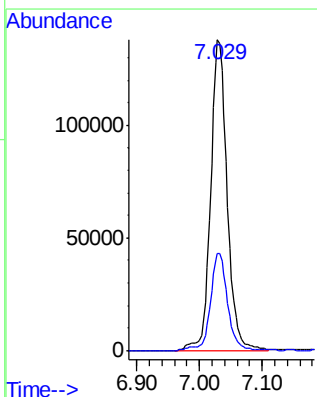
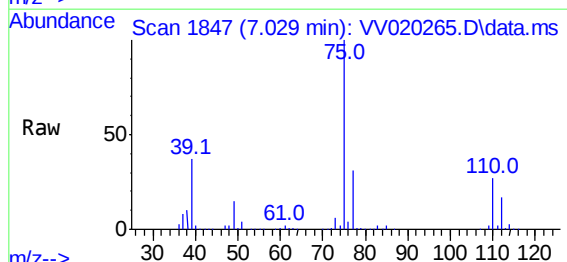
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

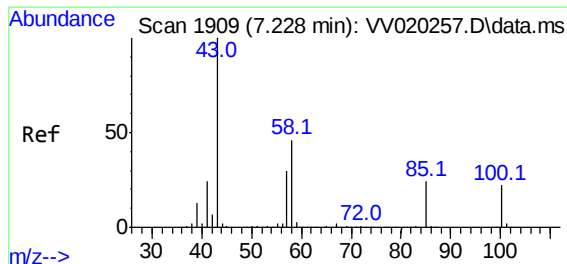
Tgt Ion: 83 Resp: 219444
Ion Ratio Lower Upper
83 100
85 63.0 44.5 82.7
127 10.0 6.3 9.5#



#39
cis-1,3-Dichloropropene
Concen: 53.42 ug/L
RT: 7.029 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion: 75 Resp: 248582
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.6

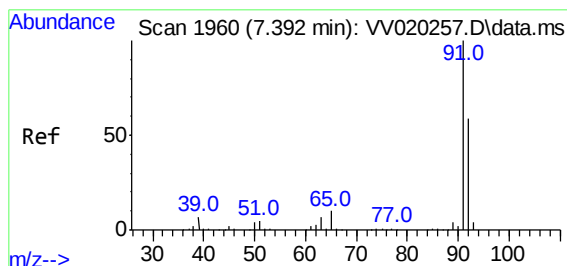
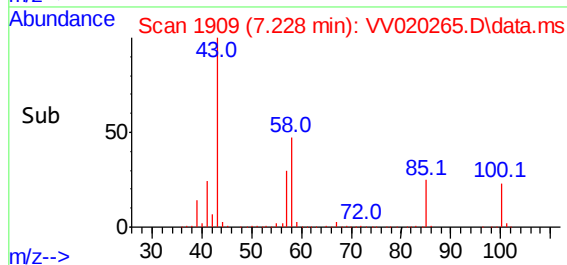
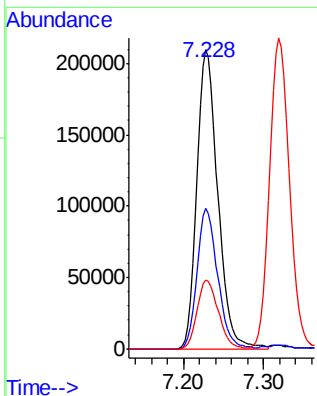
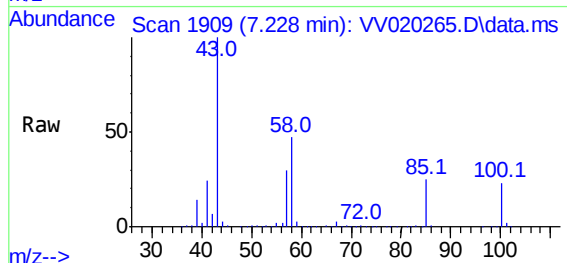




#40
4-Methyl-2-pentanone
Concen: 108.34 ug/L
RT: 7.228 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

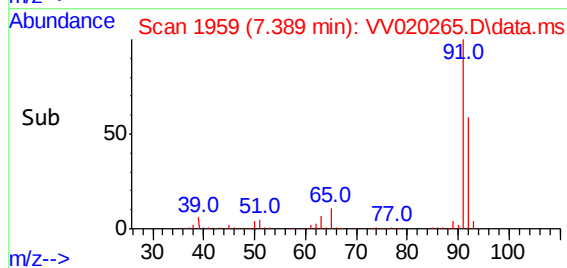
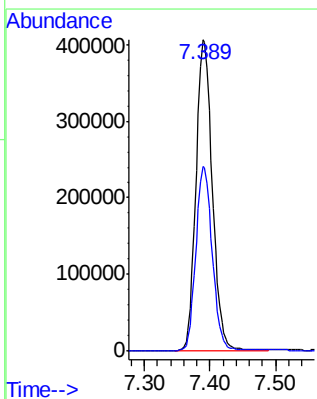
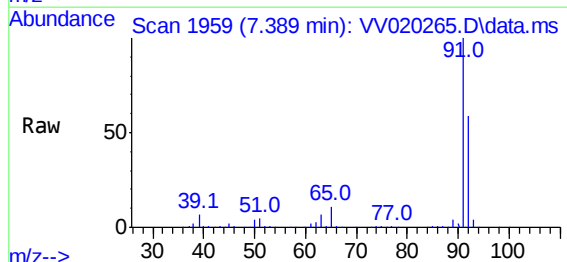
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

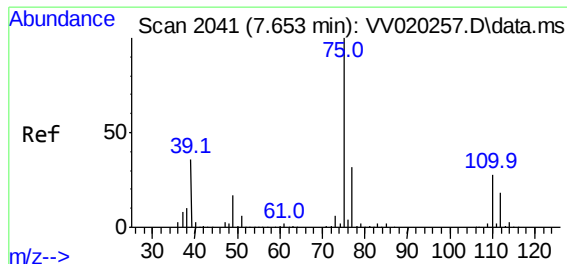
Tgt Ion: 43 Resp: 371569
Ion Ratio Lower Upper
43 100
58 46.0 30.7 46.1
100 23.1 11.6 17.4#



#42
Toluene
Concen: 52.86 ug/L
RT: 7.389 min Scan# 1959
Delta R.T. -0.003 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion: 91 Resp: 696118
Ion Ratio Lower Upper
91 100
92 59.1 40.7 75.7

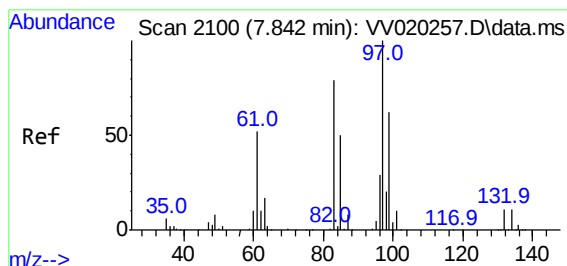
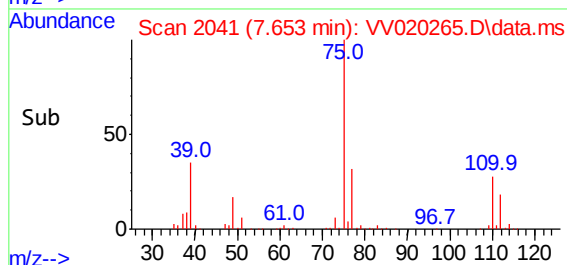
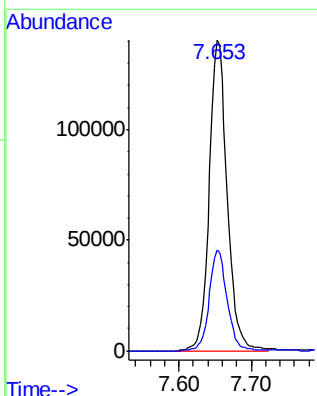
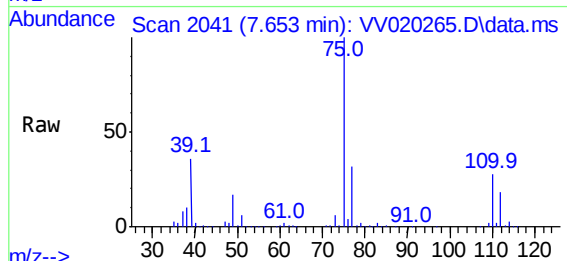




#44
trans-1,3-Dichloropropene
Concen: 52.68 ug/L
RT: 7.653 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

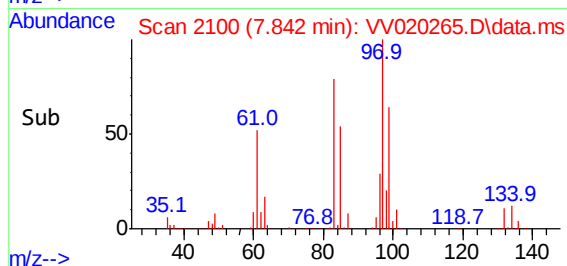
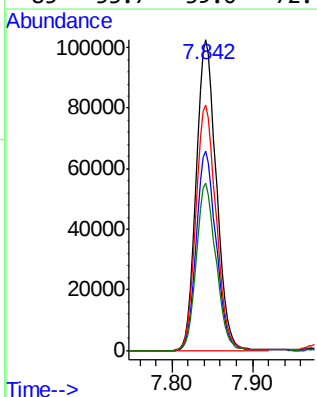
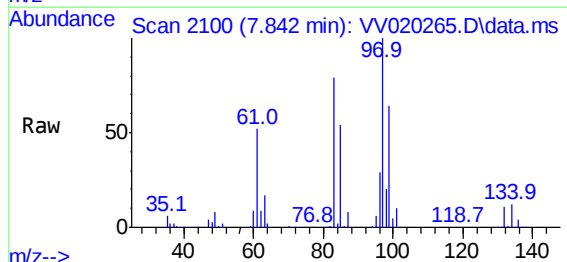
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

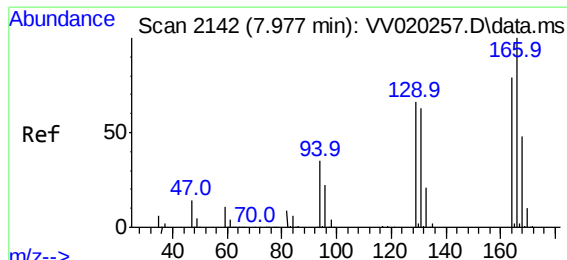
Tgt Ion: 75 Resp: 239381
Ion Ratio Lower Upper
75 100
77 32.4 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 52.96 ug/L
RT: 7.842 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion: 97 Resp: 173662
Ion Ratio Lower Upper
97 100
99 64.0 43.8 81.3
83 79.1 62.2 115.4
85 53.7 39.0 72.4

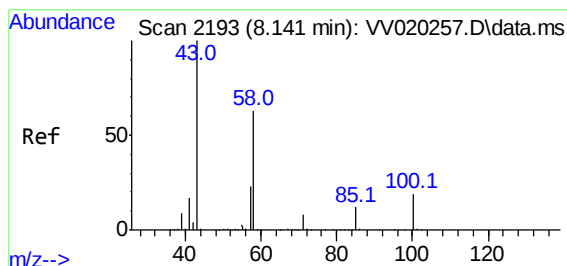
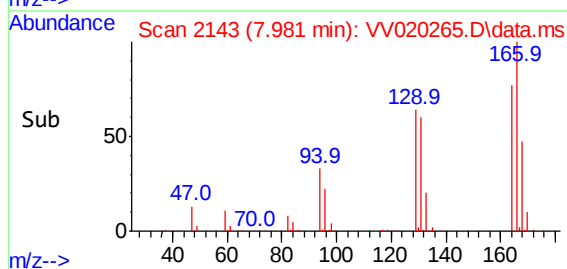
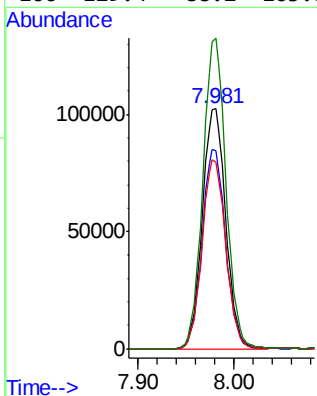
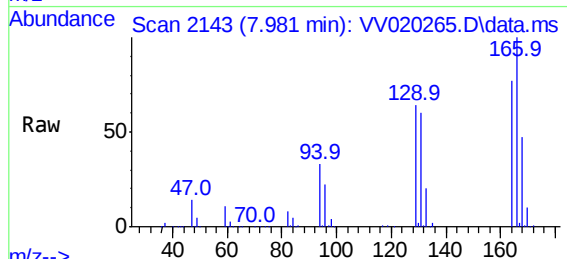




#46
Tetrachloroethene
Concen: 50.88 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

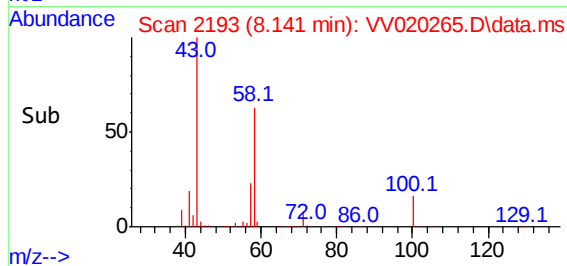
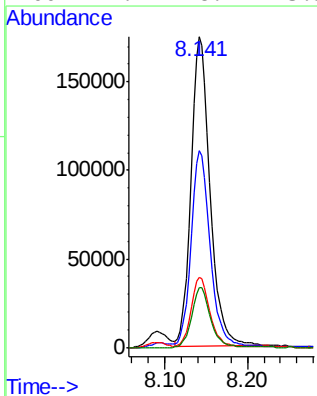
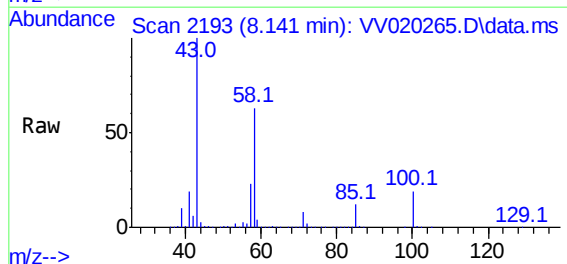
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

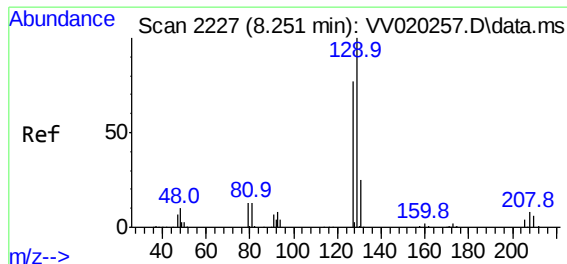
Tgt Ion:164 Resp: 172201
Ion Ratio Lower Upper
164 100
129 82.4 70.6 131.0
131 77.8 66.8 124.0
166 129.4 88.2 163.8



#48
2-Hexanone
Concen: 106.75 ug/L
RT: 8.141 min Scan# 2193
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion: 43 Resp: 284377
Ion Ratio Lower Upper
43 100
58 62.4 41.8 62.6
57 22.7 15.0 22.4#
100 19.1 8.9 13.3#

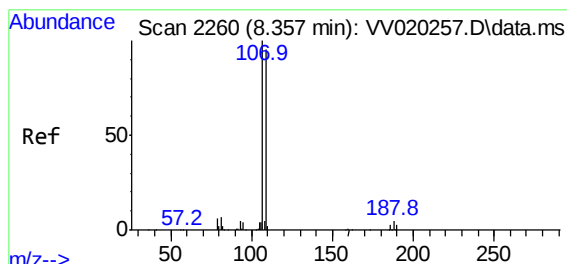
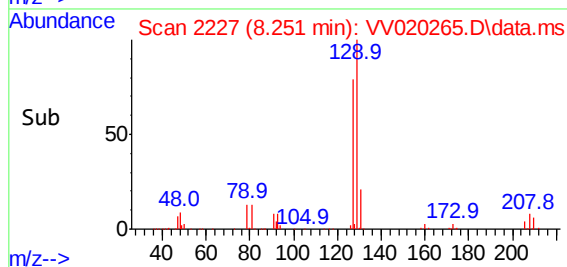
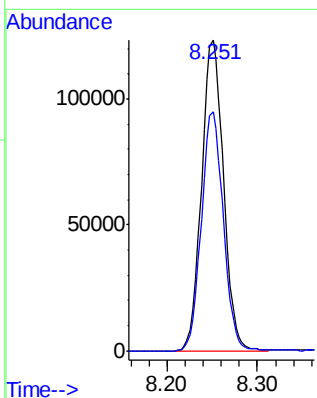
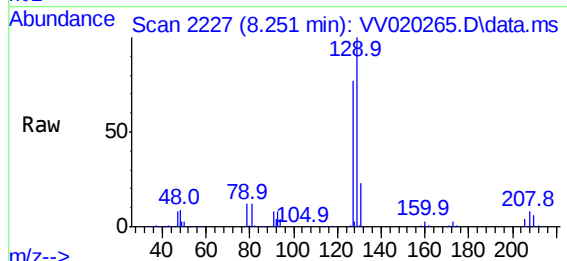




#49
Dibromochloromethane
Concen: 53.31 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

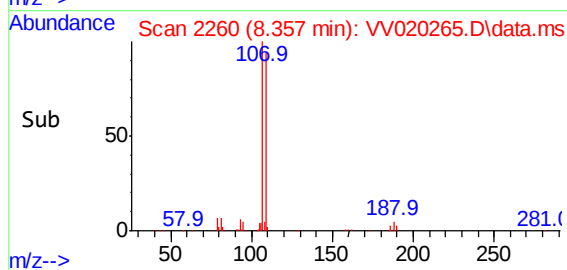
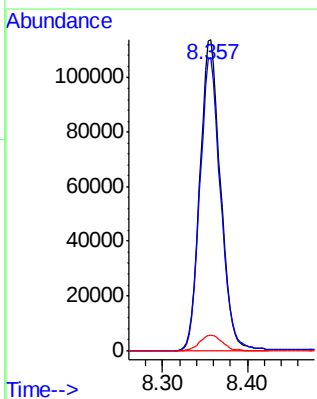
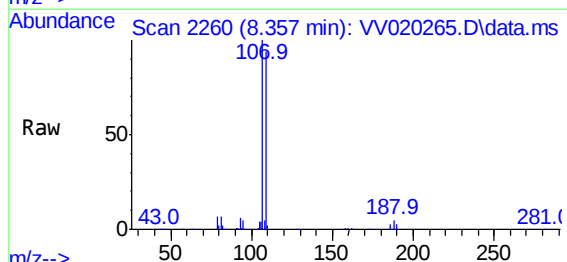
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

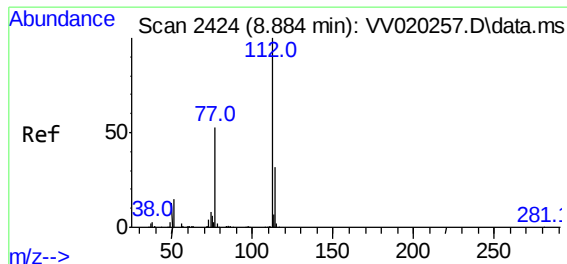
Tgt Ion:129 Resp: 206890
Ion Ratio Lower Upper
129 100
127 77.0 55.2 102.6



#50
1,2-Dibromoethane
Concen: 53.69 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion:107 Resp: 190790
Ion Ratio Lower Upper
107 100
109 94.0 66.2 123.0
188 5.0 2.6 3.8#

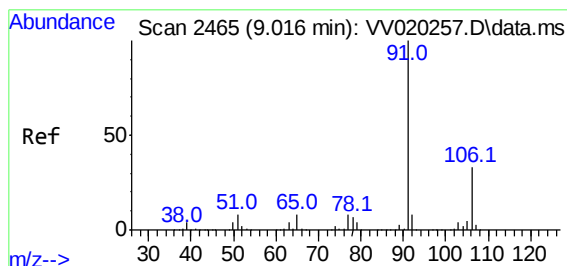
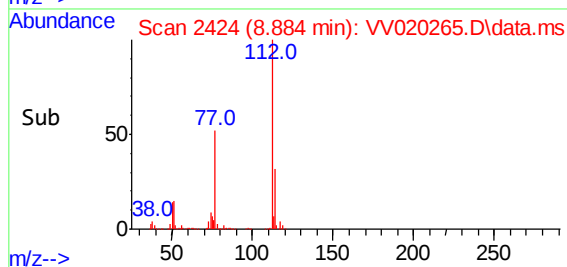
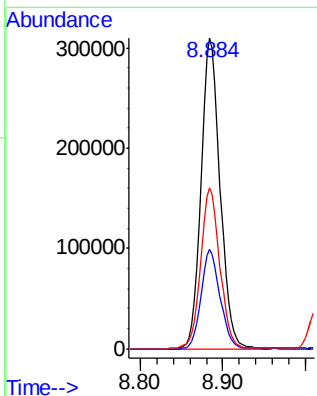
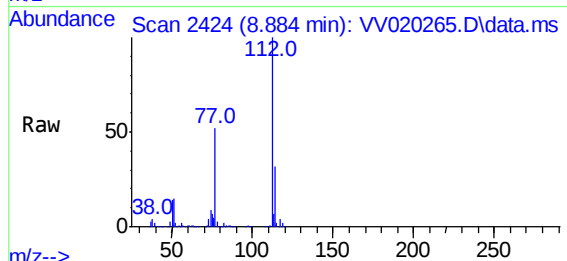




#51
Chlorobenzene
Concen: 51.69 ug/L
RT: 8.884 min Scan# 2424
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

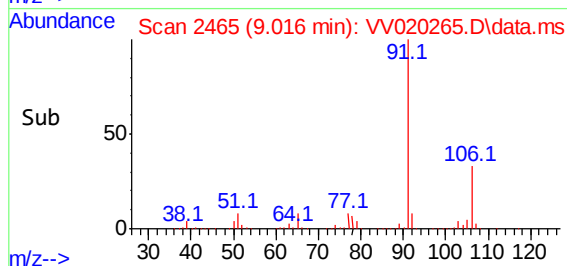
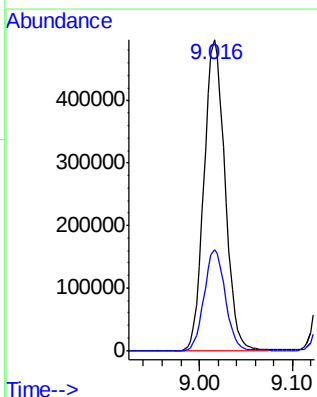
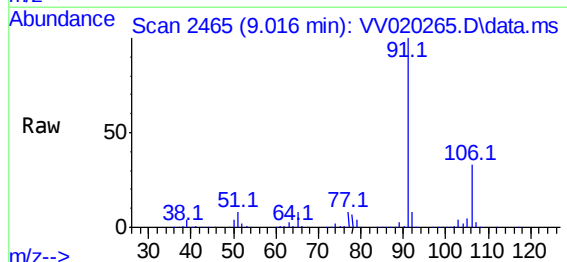
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

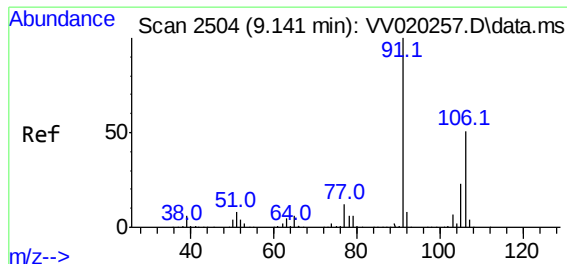
Tgt Ion: 112 Resp: 497570
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 51.9 49.0 73.6



#52
Ethylbenzene
Concen: 52.25 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion: 91 Resp: 777073
Ion Ratio Lower Upper
91 100
106 32.5 21.0 39.0

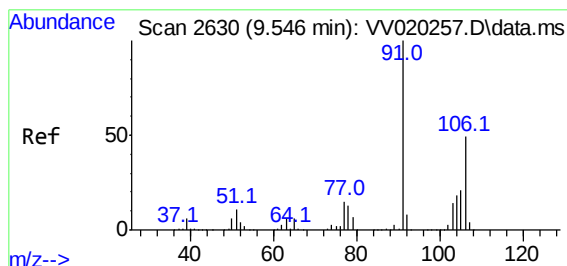
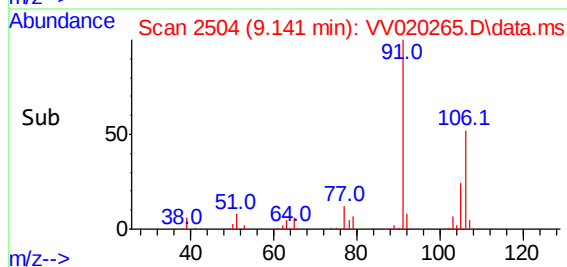
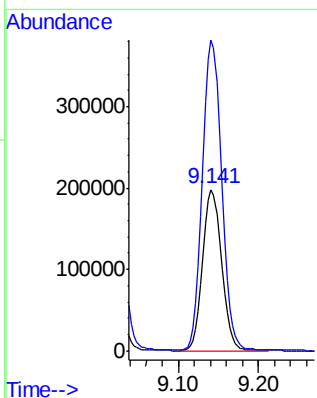
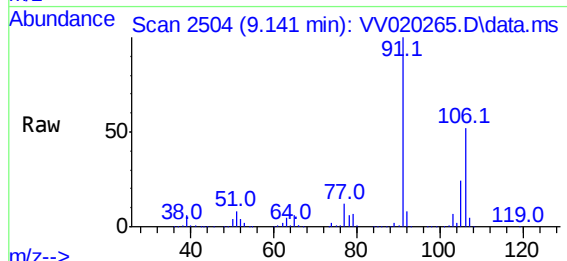




#53
m,p-Xylene
Concen: 52.77 ug/L
RT: 9.141 min Scan# 2504
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

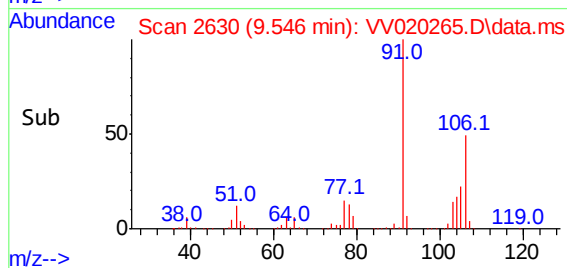
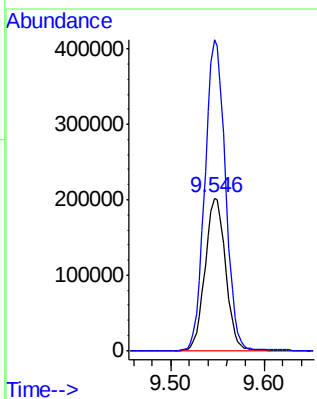
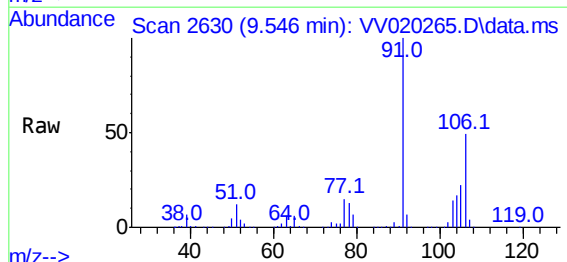
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

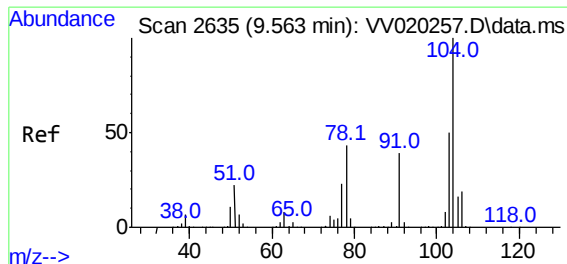
Tgt Ion:106 Resp: 313425
Ion Ratio Lower Upper
106 100
91 193.0 148.1 275.0



#54
o-xylene
Concen: 53.19 ug/L
RT: 9.546 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion:106 Resp: 308287
Ion Ratio Lower Upper
106 100
91 203.8 156.4 290.6

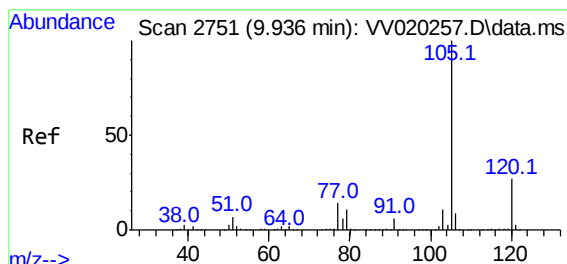
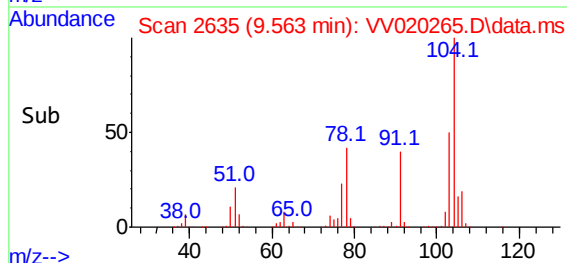
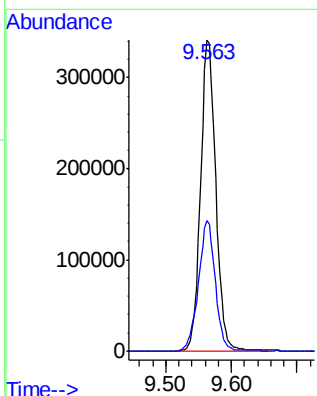
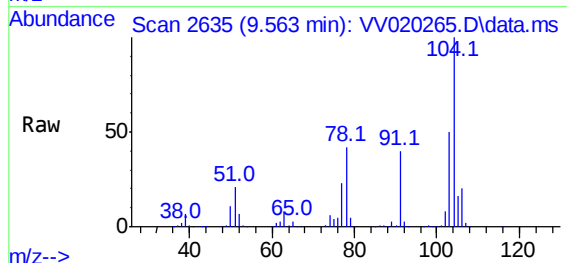




#55
Styrene
Concen: 54.03 ug/L
RT: 9.563 min Scan# 2635
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

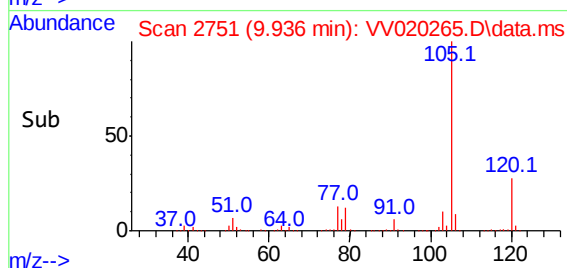
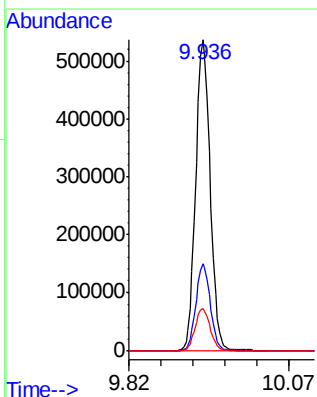
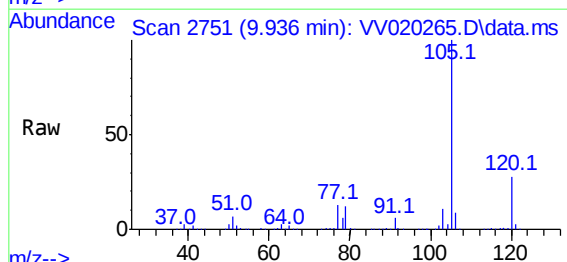
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

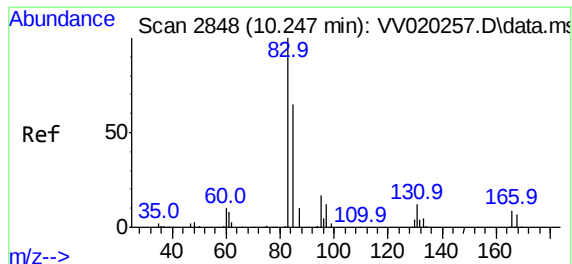
Tgt Ion:104 Resp: 542532
Ion Ratio Lower Upper
104 100
78 42.1 33.7 62.5



#56
Isopropylbenzene
Concen: 52.79 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion:105 Resp: 812355
Ion Ratio Lower Upper
105 100
120 27.5 20.5 30.7
77 13.7 13.6 20.4

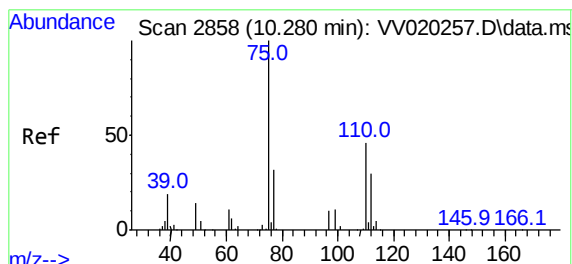
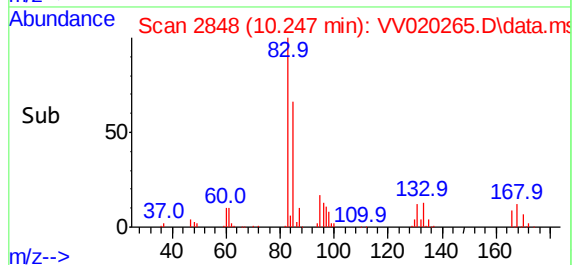
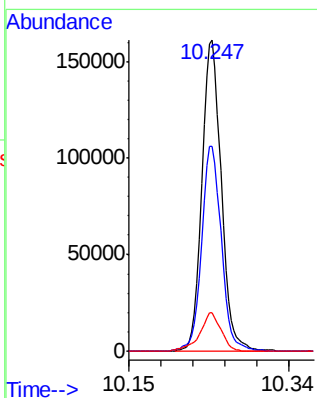
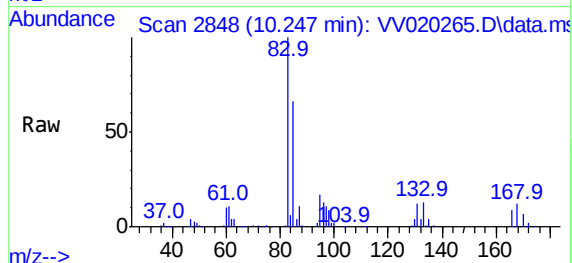




#58
 1,1,2,2-Tetrachloroethane
 Concen: 52.31 ug/L
 RT: 10.247 min Scan# 2848
 Delta R.T. 0.000 min
 Lab File: VV020265.D
 Acq: 03 Feb 2021 20:39

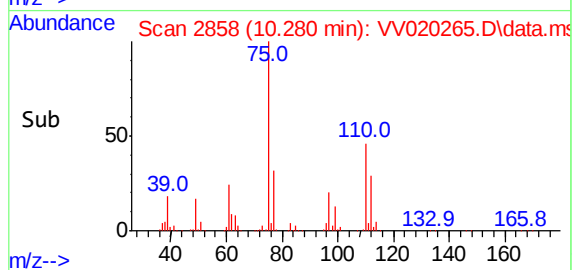
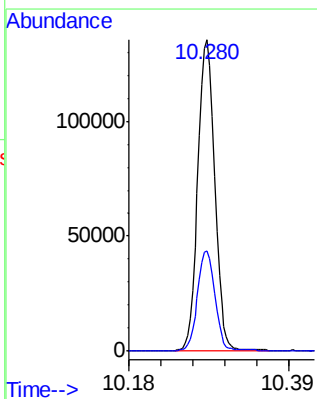
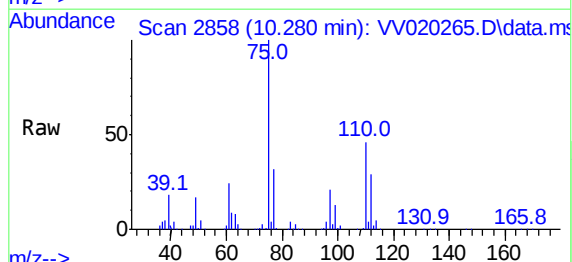
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085

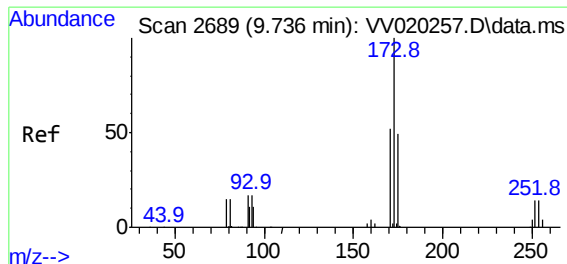
Tgt Ion: 83 Resp: 260260
 Ion Ratio Lower Upper
 83 100
 85 65.9 44.3 82.3
 131 12.1 7.3 10.9#



#59
 1,2,3-Trichloropropane
 Concen: 52.25 ug/L
 RT: 10.280 min Scan# 2858
 Delta R.T. 0.000 min
 Lab File: VV020265.D
 Acq: 03 Feb 2021 20:39

Tgt Ion: 75 Resp: 208097
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0

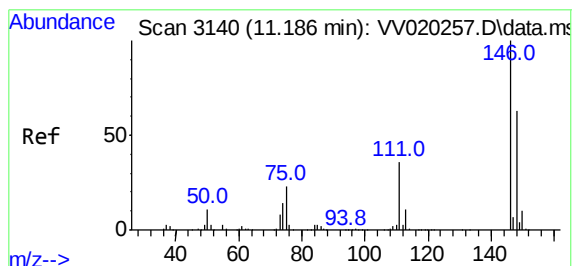
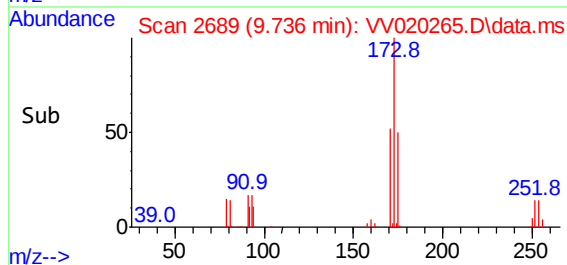
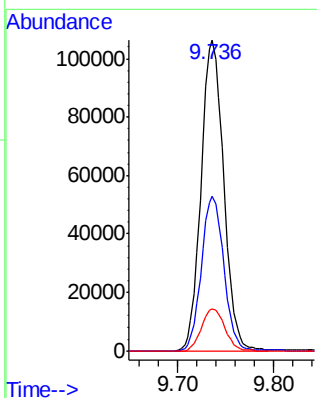
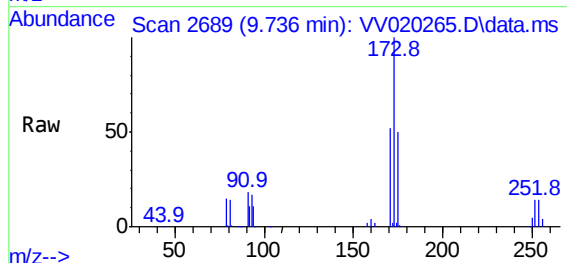




#61
Bromoform
Concen: 54.50 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

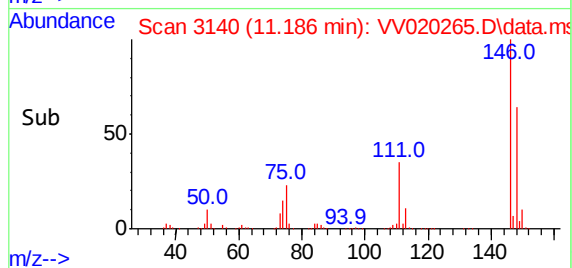
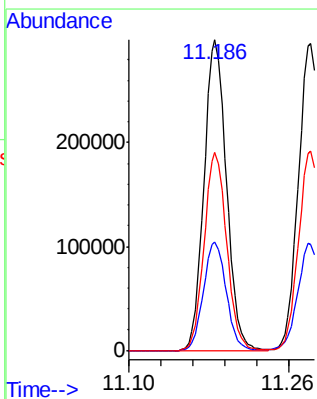
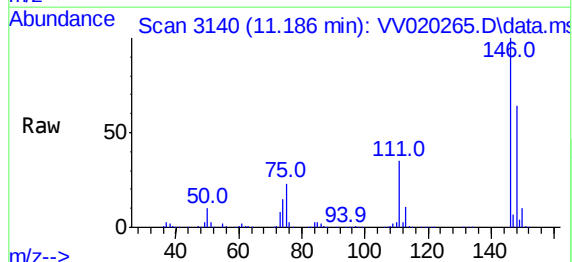
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

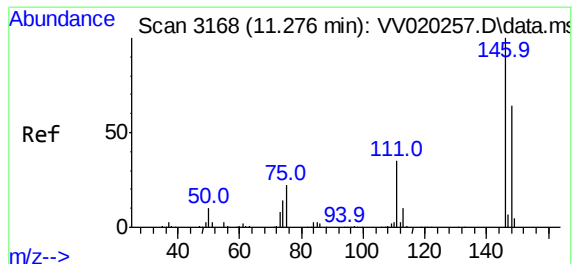
Tgt Ion:173 Resp: 172756
Ion Ratio Lower Upper
173 100
175 49.3 38.6 57.8
254 13.9 6.5 9.7#



#62
1,3-Dichlorobenzene
Concen: 52.16 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion:146 Resp: 450737
Ion Ratio Lower Upper
146 100
111 34.9 30.2 56.2
148 63.6 45.0 83.6

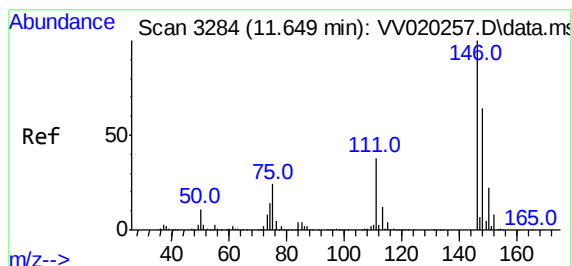
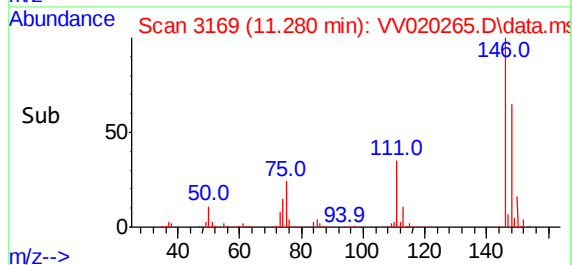
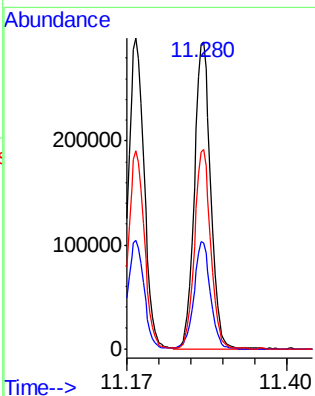
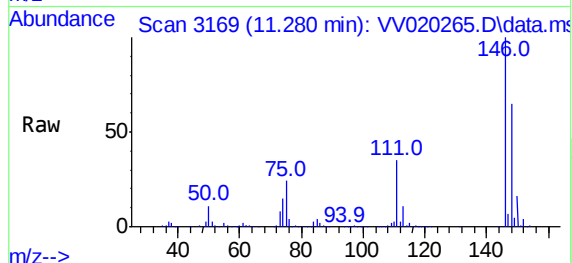




#63
1,4-Dichlorobenzene
Concen: 51.56 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.003 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

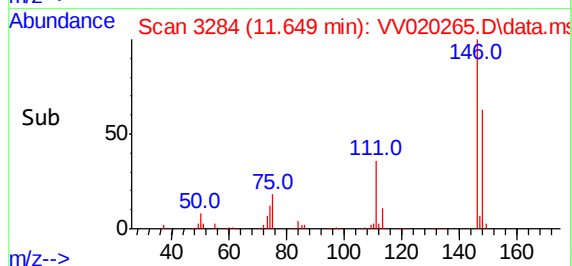
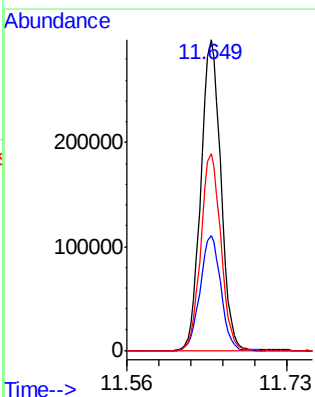
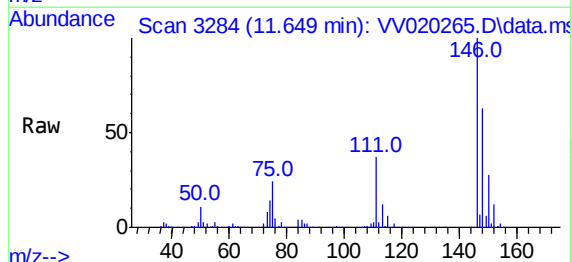
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

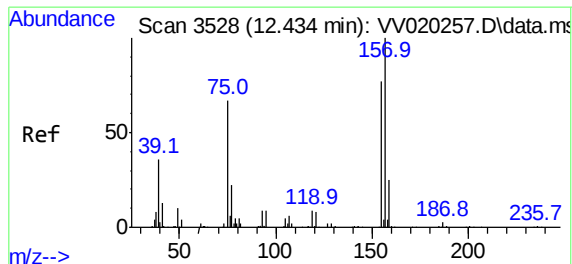
Tgt Ion:146 Resp: 460938
Ion Ratio Lower Upper
146 100
111 34.7 29.4 54.6
148 65.2 44.7 83.1



#65
1,2-Dichlorobenzene
Concen: 52.71 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

Tgt Ion:146 Resp: 454493
Ion Ratio Lower Upper
146 100
111 36.9 36.3 54.5
148 63.4 51.7 77.5

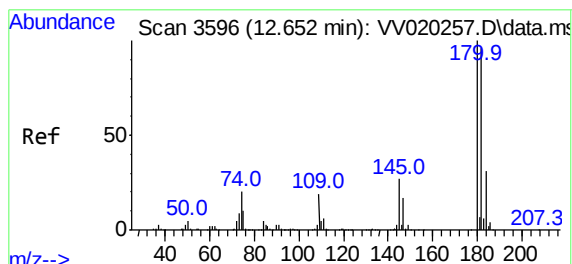
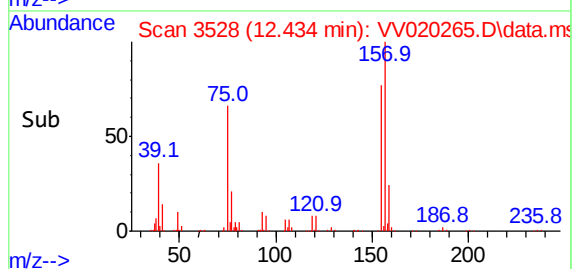
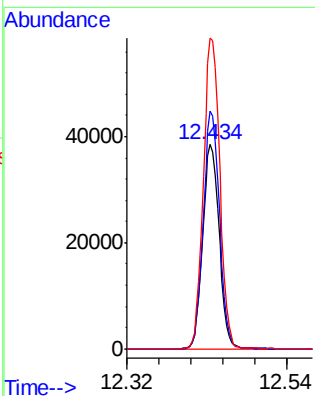
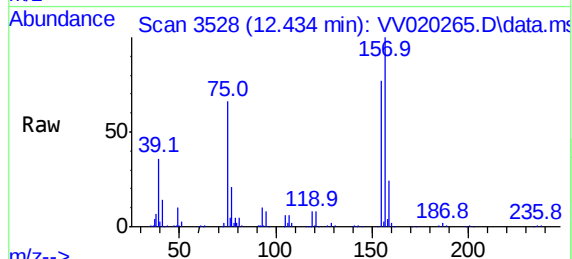




#66
 1,2-Dibromo-3-chloropropane
 Concen: 54.36 ug/L
 RT: 12.434 min Scan# 3528
 Delta R.T. -0.000 min
 Lab File: VV020265.D
 Acq: 03 Feb 2021 20:39

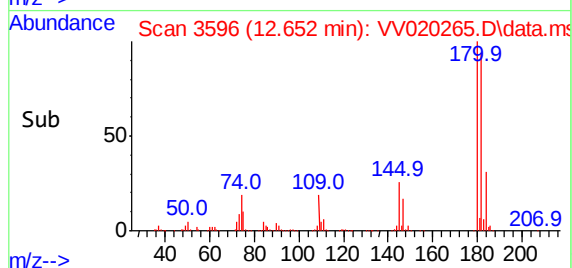
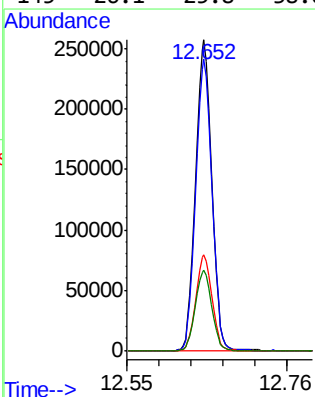
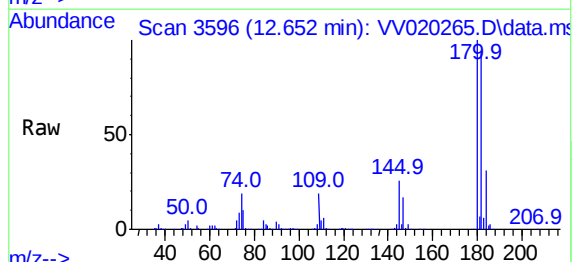
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085

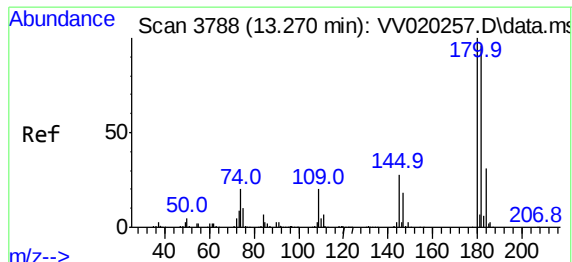
Tgt Ion: 75 Resp: 60559
 Ion Ratio Lower Upper
 75 100
 155 116.7 59.1 88.7#
 157 152.3 75.4 113.0#



#67
 1,3,5-Trichlorobenzene
 Concen: 51.57 ug/L
 RT: 12.652 min Scan# 3596
 Delta R.T. 0.000 min
 Lab File: VV020265.D
 Acq: 03 Feb 2021 20:39

Tgt Ion: 180 Resp: 390977
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.0 112.6
 184 30.5 24.0 36.0
 145 26.1 25.8 38.6

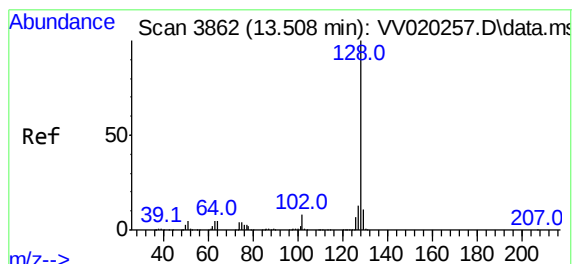
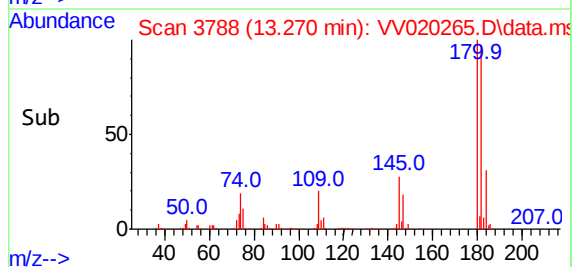
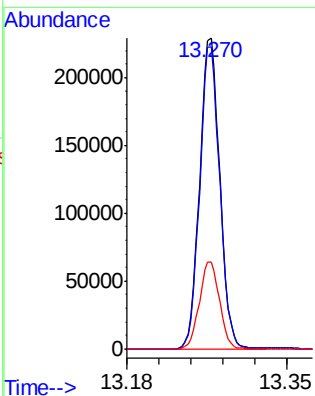
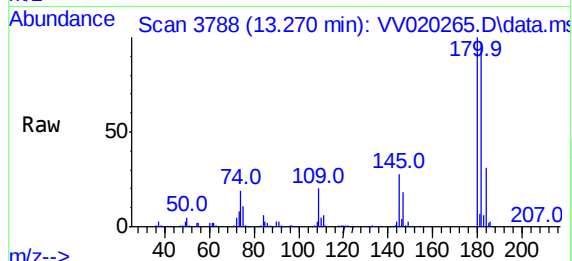




#68
1,2,4-trichlorobenzene
Concen: 51.48 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

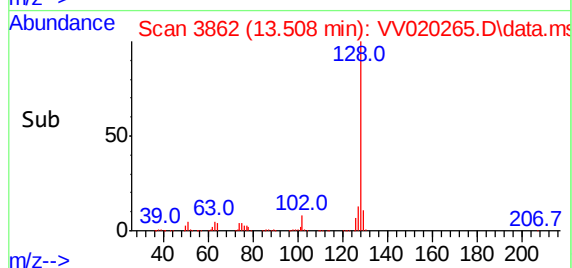
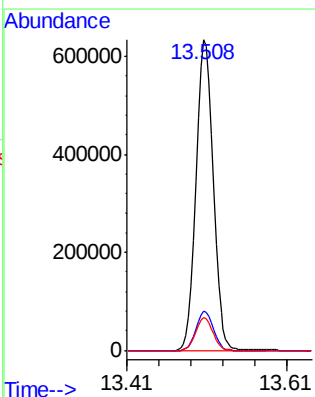
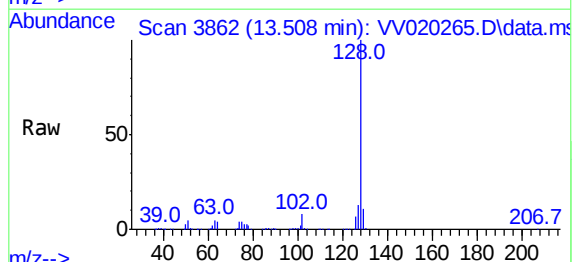
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

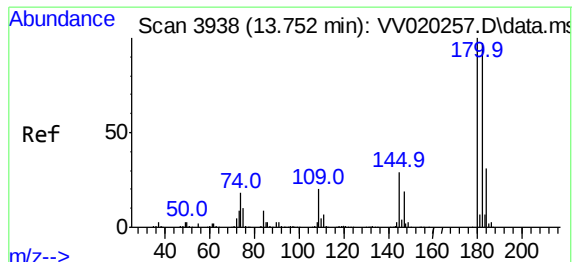
Tgt Ion:180 Resp: 351553
Ion Ratio Lower Upper
180 100
182 96.5 75.1 112.7
145 27.9 26.8 40.2



#69
Naphthalene
Concen: 56.72 ug/L
RT: 13.508 min Scan# 3862
Delta R.T. 0.000 min
Lab File: VV020265.D
Acq: 03 Feb 2021 20:39

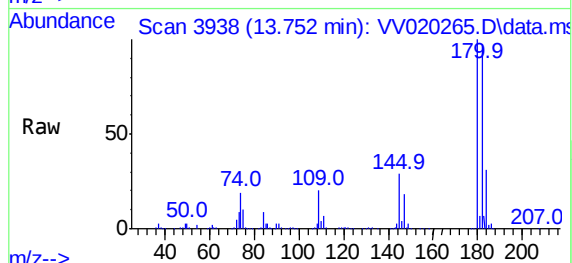
Tgt Ion:128 Resp: 959172
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.5 8.6 13.0





#70
 1,2,3-Trichlorobenzene
 Concen: 52.48 ug/L
 RT: 13.752 min Scan# 3938
 Delta R.T. 0.000 min
 Lab File: VV020265.D
 Acq: 03 Feb 2021 20:39

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085



Tgt Ion:180 Resp: 354895

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.1	114.1
145	29.3	27.9	41.9

