

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012221\
 Data File : VW020132.D
 Acq On : 22 Jan 2021 10:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Jan 23 00:08:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 22 06:43:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.618	114	499764	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	456536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	273789	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	150050	40.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.96%		
7) Chloroethane-d5	1.569	69	131944	42.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.06%		
11) 1,1-Dichloroethene-d2	2.110	63	295920	39.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.94%		
21) 2-Butanone-d5	3.891	46	216119	85.02	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.02%		
24) Chloroform-d	4.348	84	292362	42.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.22%		
26) 1,2-Dichloroethane-d4	5.032	65	213256	44.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.62%		
32) Benzene-d6	5.052	84	583859	46.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.88%		
36) 1,2-Dichloropropane-d6	6.071	67	198576	50.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.06%		
41) Toluene-d8	7.318	98	524536	44.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.68%		
43) trans-1,3-Dichloroprop...	7.624	79	90561	46.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.26%		
47) 2-Hexanone-d5	8.090	63	145700	88.31	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.31%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	277917	51.15	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.30%		
64) 1,2-Dichlorobenzene-d4	11.630	152	245938	47.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	183741	43.76	ug/L	99
3) Chloromethane	1.242	50	179332	42.79	ug/L	99
5) Vinyl chloride	1.312	62	187399	43.29	ug/L	98
6) Bromomethane	1.524	94	117360	42.98	ug/L	97
8) Chloroethane	1.586	64	122954	44.29	ug/L	99
9) Trichlorofluoromethane	1.753	101	293059	47.50	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	159875	45.24	ug/L	92
12) 1,1-Dichloroethene	2.119	96	146032	43.01	ug/L	78
13) Acetone	2.184	43	270074	123.50	ug/L	98
14) Carbon disulfide	2.296	76	409305	41.38	ug/L	100
15) Methyl Acetate	2.434	43	161560	40.16	ug/L	99
16) Methylene chloride	2.508	84	152705	41.42	ug/L	95
17) trans-1,2-Dichloroethene	2.759	96	143950	42.68	ug/L	97
18) Methyl tert-butyl Ether	2.769	73	464878	42.57	ug/L	98
19) 1,1-Dichloroethane	3.190	63	271375	42.15	ug/L	100
20) cis-1,2-Dichloroethene	3.913	96	153186	42.36	ug/L	93
22) 2-Butanone	3.971	43	265231	96.51	ug/L	98
23) Bromochloromethane	4.248	128	77786	41.06	ug/L	93
25) Chloroform	4.376	83	289410	42.85	ug/L	98
27) 1,2-Dichloroethane	5.129	62	272214	47.22	ug/L	100

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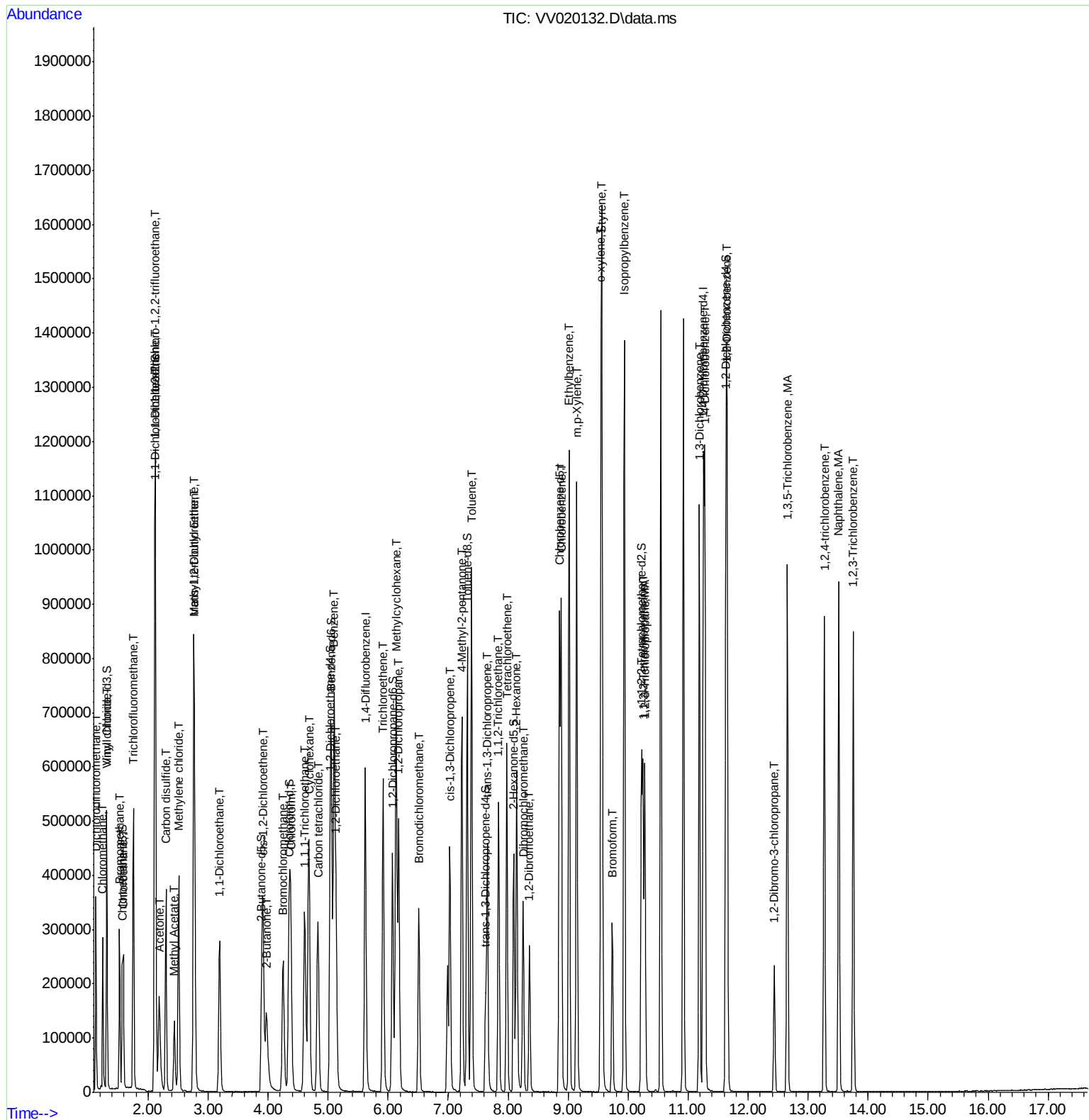
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.679	56	244409	46.02	ug/L	97
30) 1,1,1-Trichloroethane	4.608	97	262668	46.25	ug/L	99
31) Carbon tetrachloride	4.830	117	227142	46.51	ug/L	99
33) Benzene	5.100	78	704530	51.36	ug/L	100
34) Trichloroethene	5.913	95	195253	50.34	ug/L	95
35) Methylcyclohexane	6.132	83	295218	53.28	ug/L	97
37) 1,2-Dichloropropane	6.174	63	181472	50.61	ug/L	99
38) Bromodichloromethane	6.511	83	222159	45.24	ug/L	99
39) cis-1,3-Dichloropropene	7.029	75	249950	45.09	ug/L	98
40) 4-Methyl-2-pentanone	7.228	43	440450	81.97	ug/L	97
42) Toluene	7.389	91	671115	46.11	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	255198	48.52	ug/L	98
45) 1,1,2-Trichloroethane	7.839	97	159916	45.29	ug/L	97
46) Tetrachloroethene	7.978	164	141411	48.84	ug/L	95
48) 2-Hexanone	8.142	43	365382	87.83	ug/L #	96
49) Dibromochloromethane	8.251	129	179030	46.92	ug/L	97
50) 1,2-Dibromoethane	8.354	107	172032	44.58	ug/L #	98
51) Chlorobenzene	8.884	112	461015	48.18	ug/L	97
52) Ethylbenzene	9.016	91	799840	49.91	ug/L	98
53) m,p-Xylene	9.142	106	310846	53.27	ug/L	95
54) o-xylene	9.547	106	303298	51.68	ug/L	98
55) Styrene	9.563	104	535780	52.18	ug/L	98
56) Isopropylbenzene	9.936	105	855358	54.59	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.248	83	272260	51.17	ug/L	97
59) 1,2,3-Trichloropropane	10.280	75	231127	48.80	ug/L	98
61) Bromoform	9.736	173	134479	48.32	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	409679	49.18	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	422002	48.62	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	407723	48.31	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.434	75	54740	39.13	ug/L	100
67) 1,3,5-Trichlorobenzene	12.653	180	261333	40.49	ug/L	100
68) 1,2,4-trichlorobenzene	13.270	180	236641	41.52	ug/L	99
69) Naphthalene	13.511	128	667329	40.36	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	226629	40.45	ug/L	99

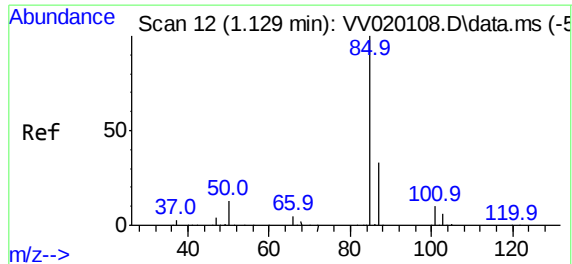
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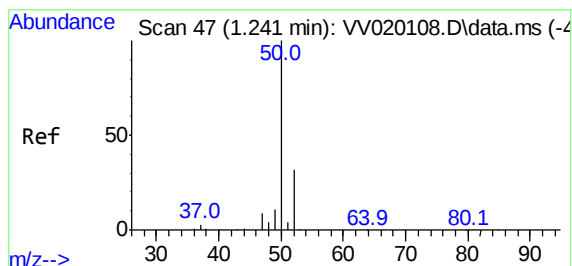
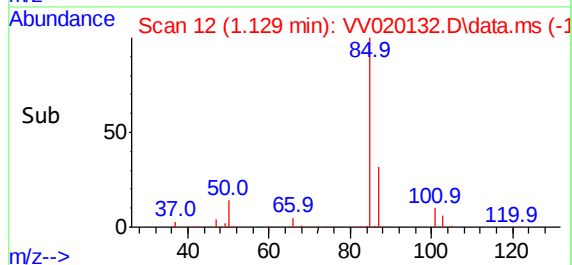
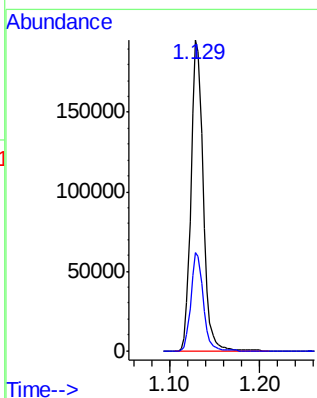
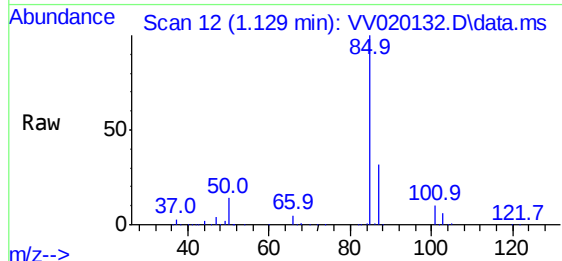




#2
Dichlorodifluoromethane
Concen: 43.76 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

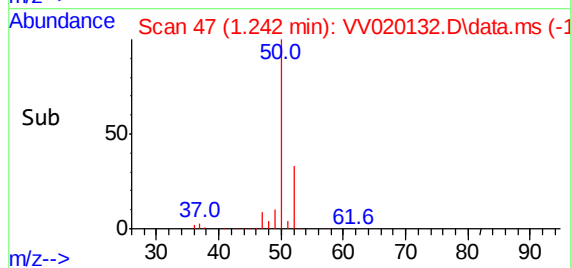
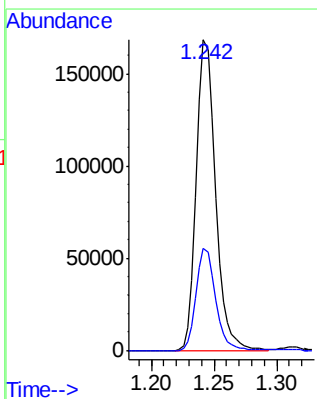
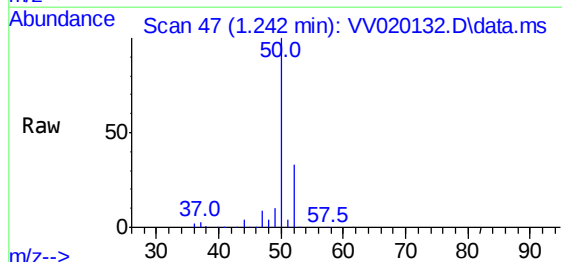
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MSVOA_V
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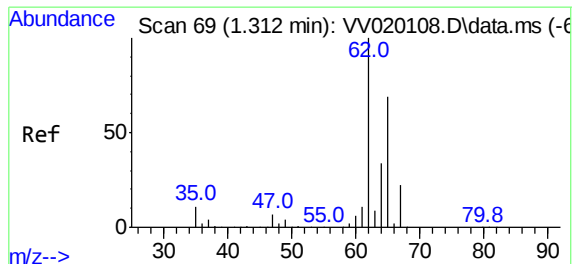
Tgt Ion: 85 Resp: 183741
Ion Ratio Lower Upper
85 100
87 31.9 25.9 38.9



#3
Chloromethane
Concen: 42.79 ug/L
RT: 1.242 min Scan# 47
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion: 50 Resp: 179332
Ion Ratio Lower Upper
50 100
52 32.8 22.7 42.1

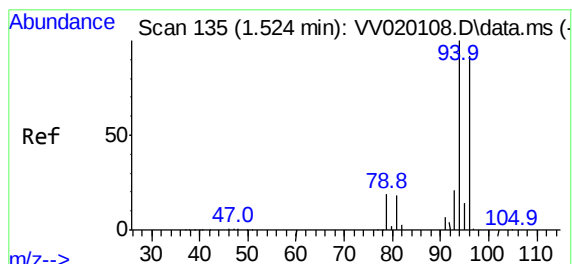
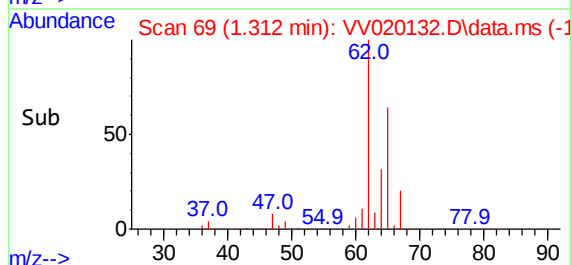
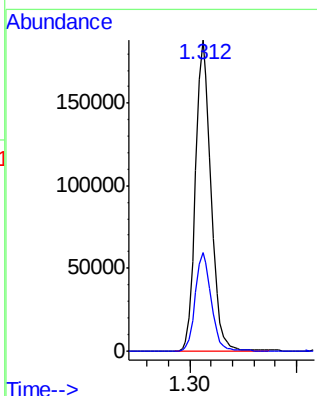
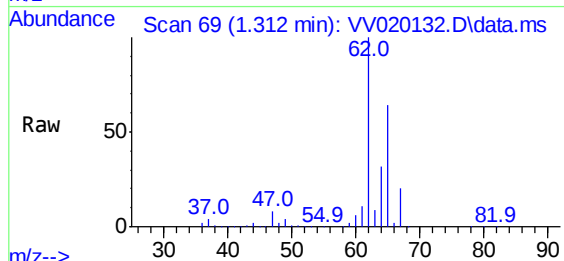




#5
 Vinyl chloride
 Concen: 43.29 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020132.D
 Acq: 22 Jan 2021 10:49

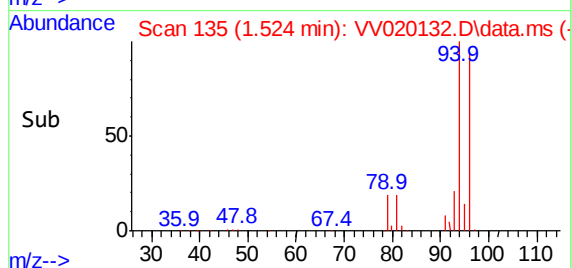
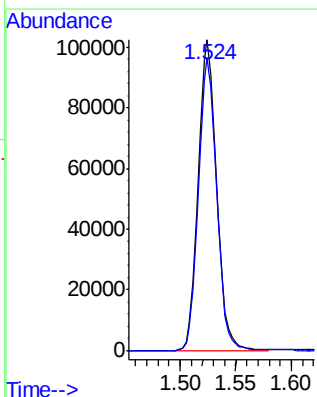
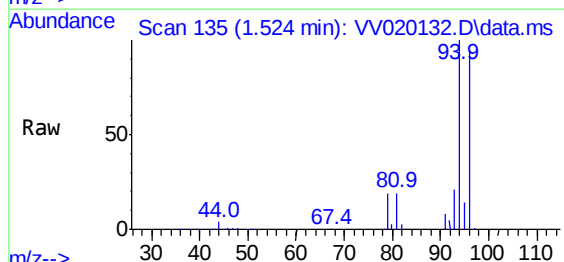
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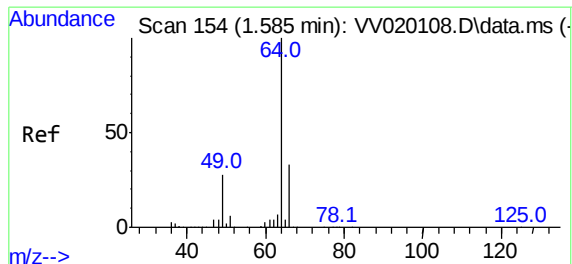
Tgt Ion: 62 Resp: 187399
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.0 42.6



#6
 Bromomethane
 Concen: 42.98 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. 0.000 min
 Lab File: VV020132.D
 Acq: 22 Jan 2021 10:49

Tgt Ion: 94 Resp: 117360
 Ion Ratio Lower Upper
 94 100
 96 94.1 63.6 118.2

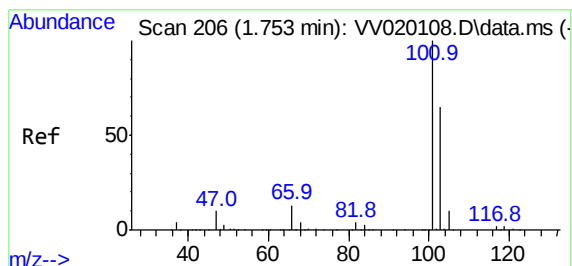
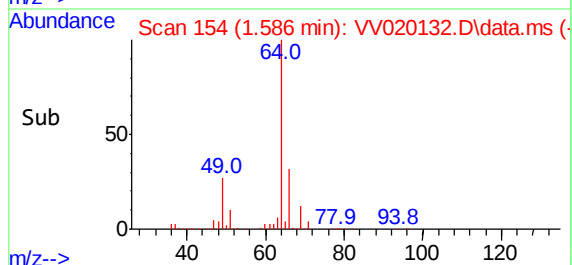
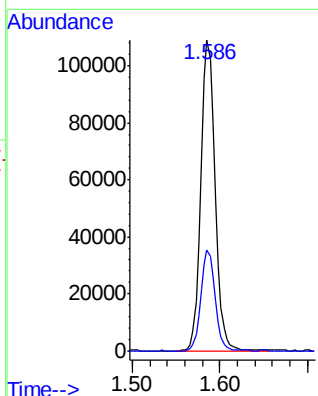
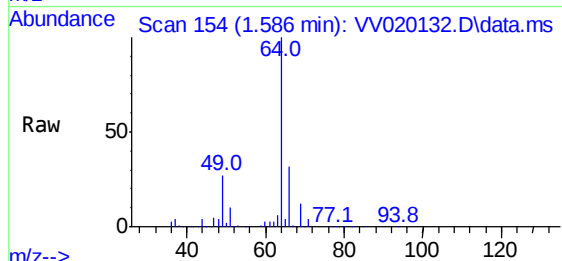




#8
Chloroethane
Concen: 44.29 ug/L
RT: 1.586 min Scan# 154
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

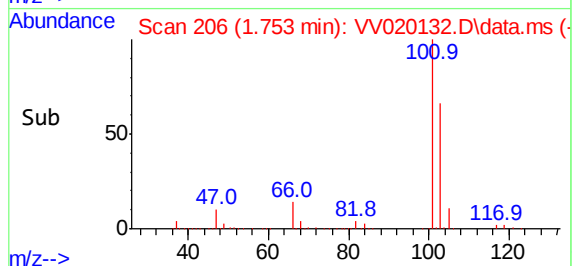
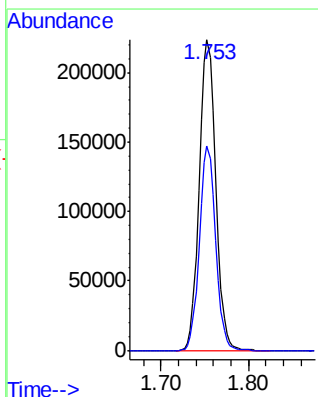
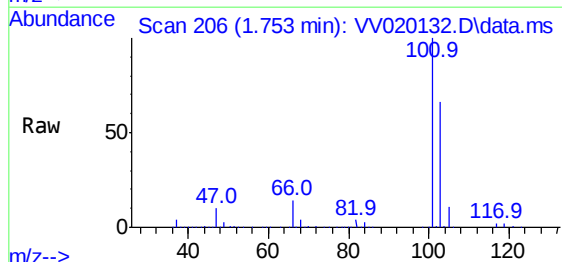
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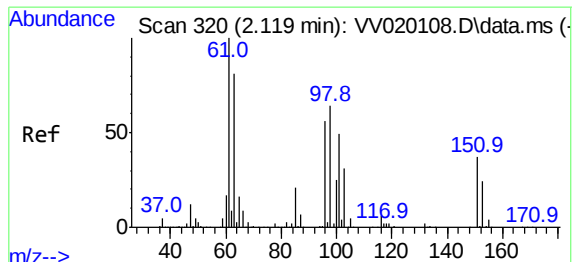
Tgt Ion: 64 Resp: 122954
Ion Ratio Lower Upper
64 100
66 32.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 47.50 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion:101 Resp: 293059
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5



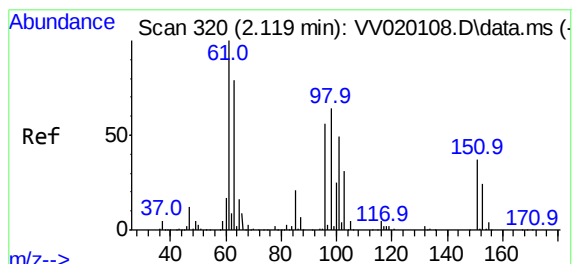
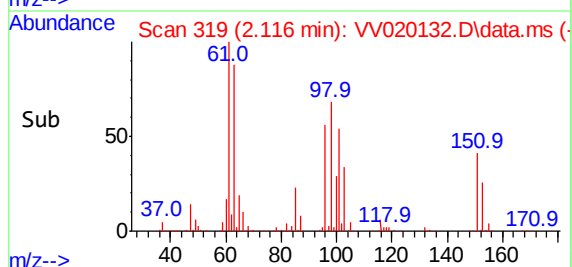
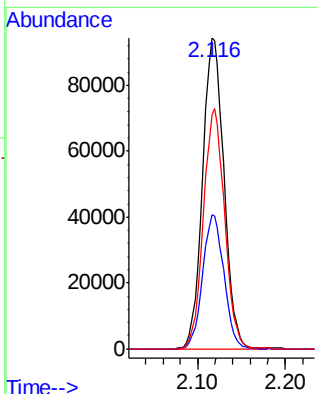
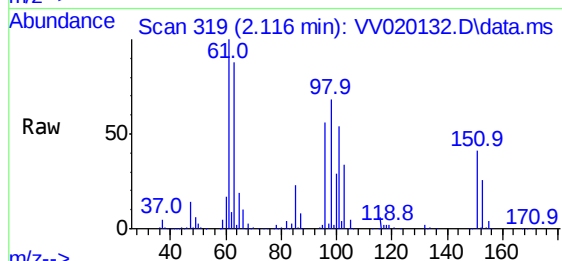


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.24 ug/L
 RT: 2.116 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV020132.D
 Acq: 22 Jan 2021 10:49

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 159875

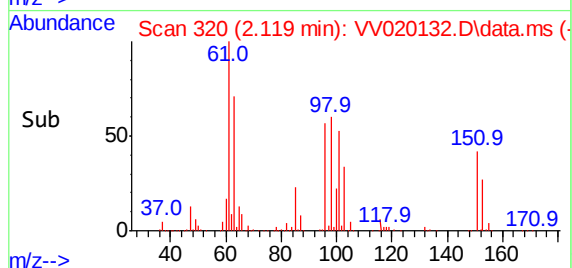
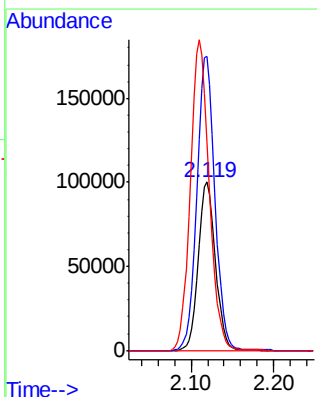
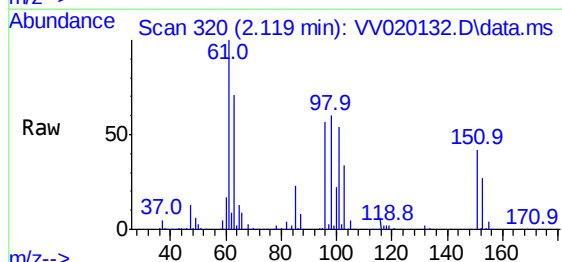
Ion	Ratio	Lower	Upper
101	100		
85	43.0	35.3	52.9
151	76.5	53.6	80.4

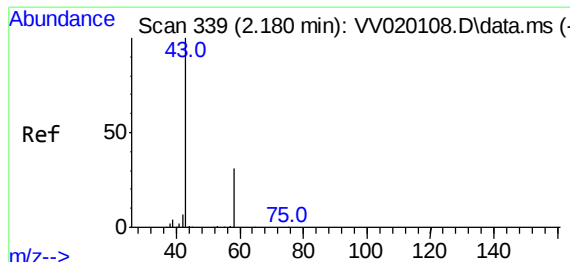


#12
 1,1-Dichloroethene
 Concen: 43.01 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV020132.D
 Acq: 22 Jan 2021 10:49

Tgt Ion: 96 Resp: 146032

Ion	Ratio	Lower	Upper
96	100		
61	174.7	134.9	250.5
63	123.4	117.6	218.4

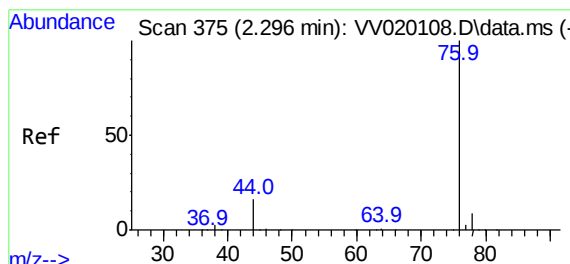
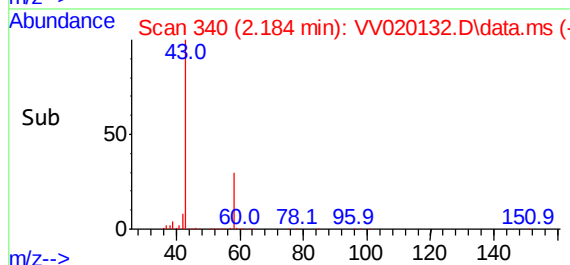
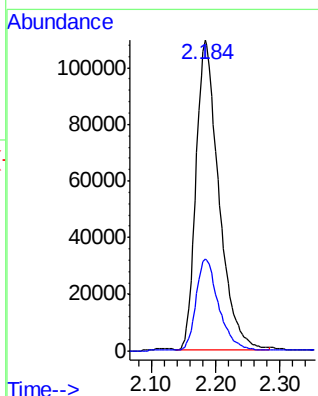
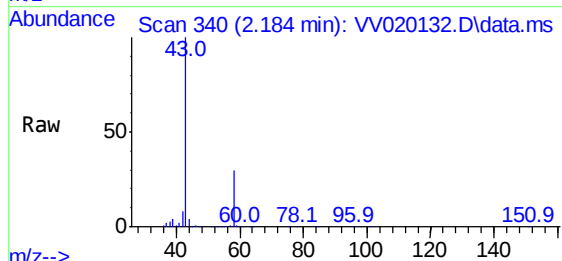




#13
Acetone
Concen: 123.50 ug/L
RT: 2.184 min Scan# 340
Delta R.T. 0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

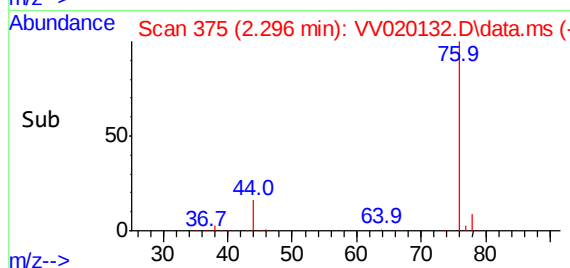
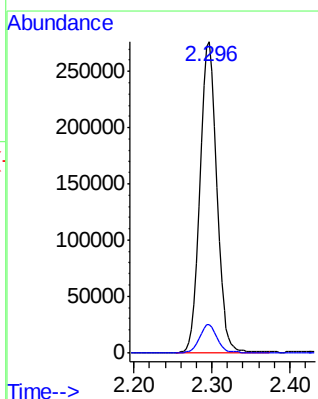
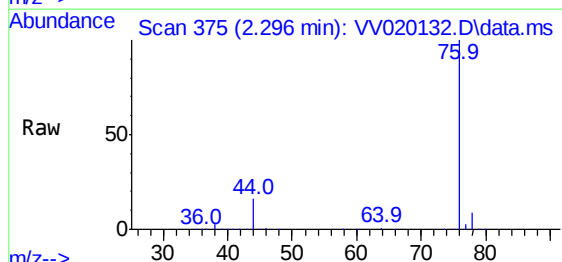
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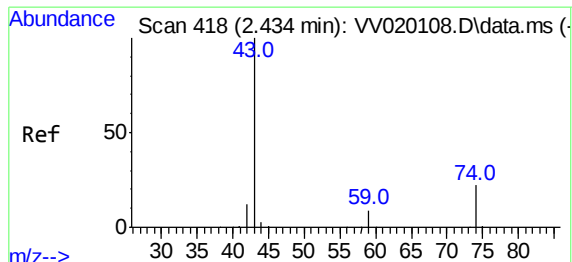
Tgt Ion: 43 Resp: 270074
Ion Ratio Lower Upper
43 100
58 29.2 0.0 60.2



#14
Carbon disulfide
Concen: 41.38 ug/L
RT: 2.296 min Scan# 375
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 409305
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

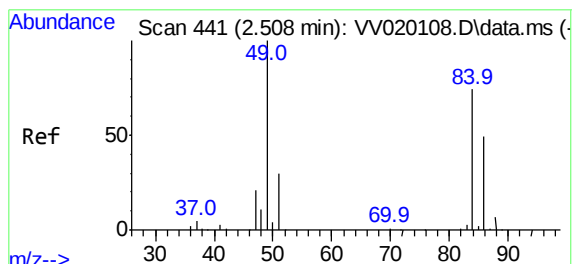
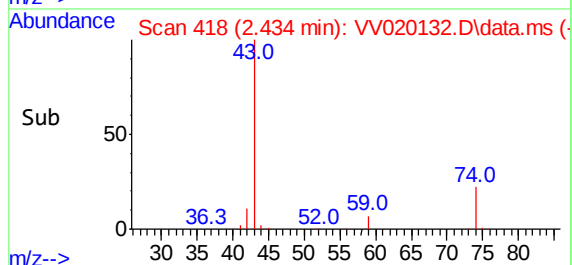
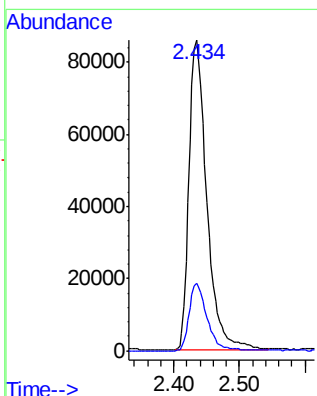
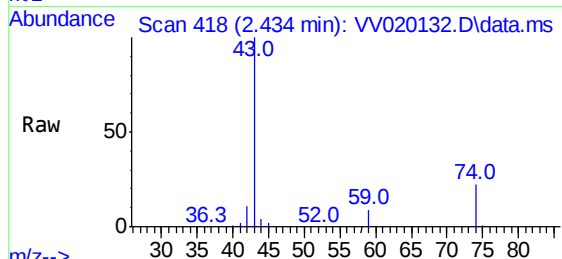




#15
Methyl Acetate
Concen: 40.16 ug/L
RT: 2.434 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

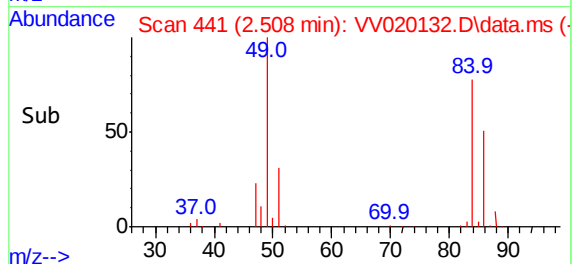
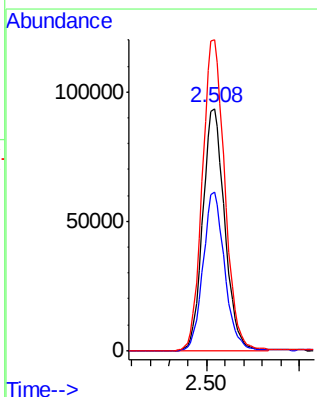
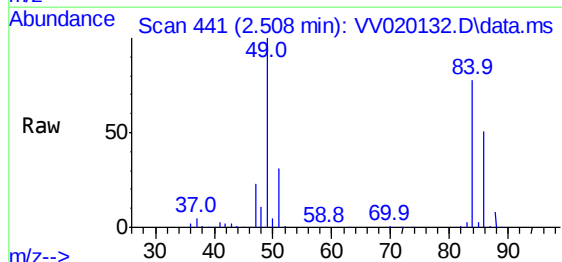
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

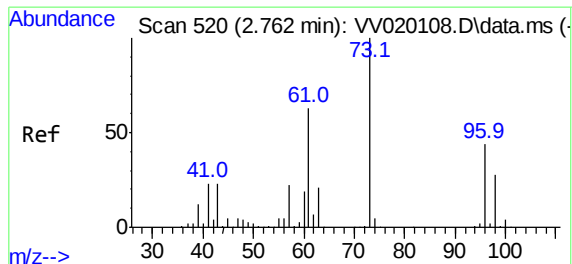
Tgt Ion: 43 Resp: 161560
Ion Ratio Lower Upper
43 100
74 21.7 17.6 26.4



#16
Methylene chloride
Concen: 41.42 ug/L
RT: 2.508 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion: 84 Resp: 152705
Ion Ratio Lower Upper
84 100
86 65.6 44.6 82.8
49 128.3 94.6 175.8

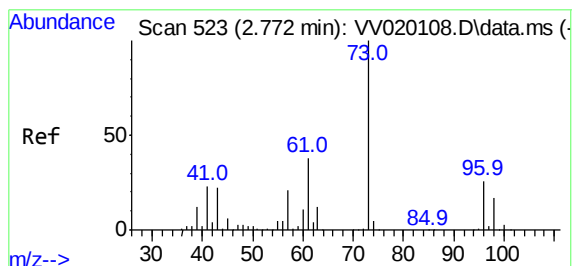
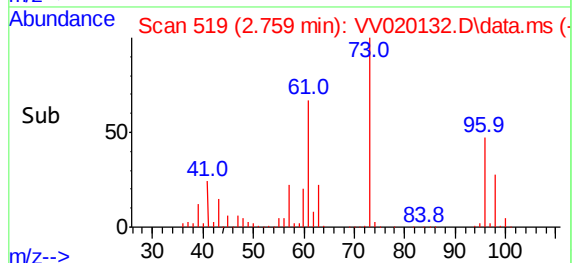
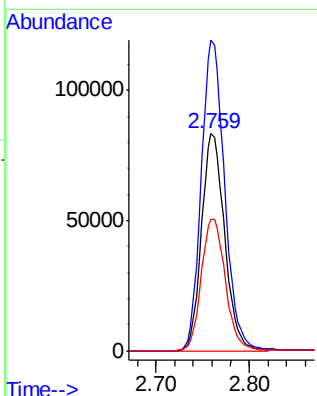
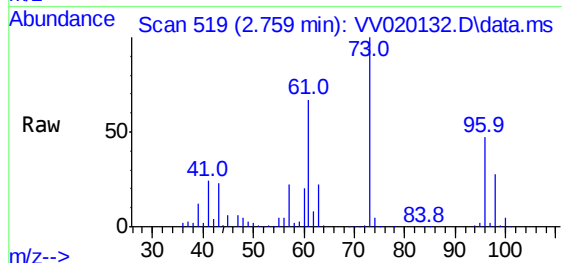




#17
trans-1,2-Dichloroethene
Concen: 42.68 ug/L
RT: 2.759 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

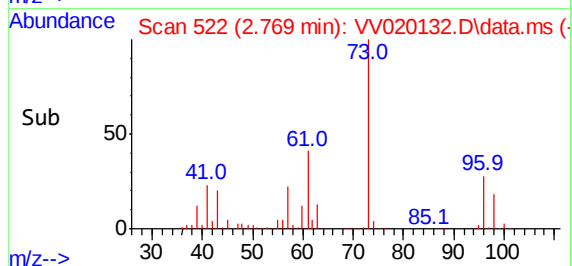
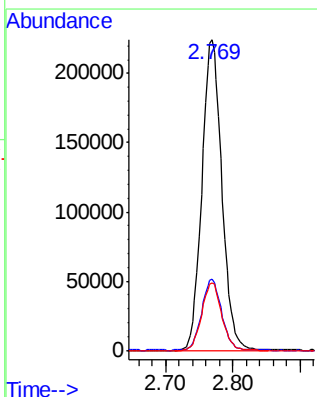
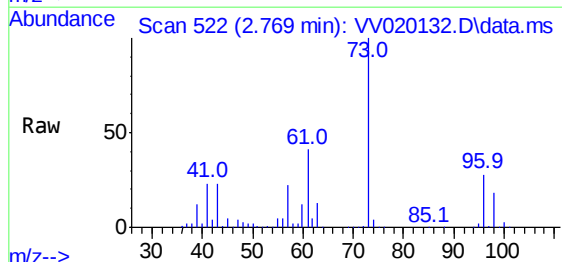
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

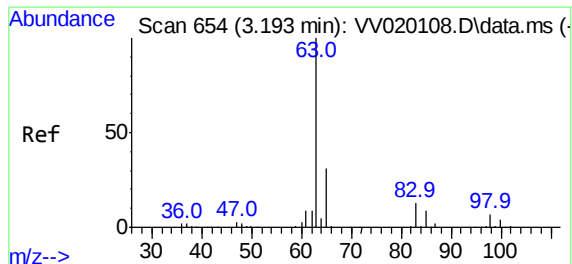
Tgt Ion: 96 Resp: 143950
Ion Ratio Lower Upper
96 100
61 143.2 103.1 191.5
98 60.8 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 42.57 ug/L
RT: 2.769 min Scan# 522
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion: 73 Resp: 464878
Ion Ratio Lower Upper
73 100
43 22.5 17.3 25.9
57 21.7 17.9 26.9

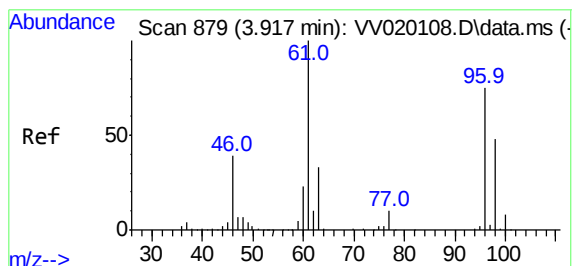
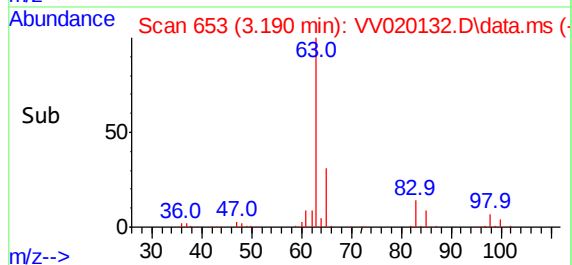
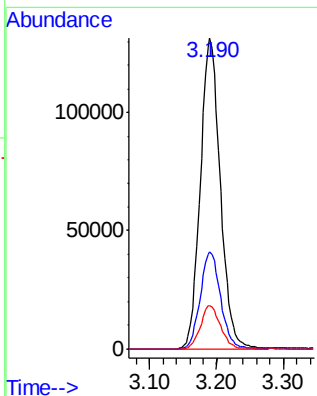
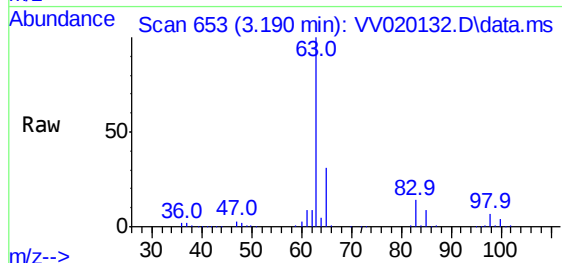




#19
1,1-Dichloroethane
Concen: 42.15 ug/L
RT: 3.190 min Scan# 653
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

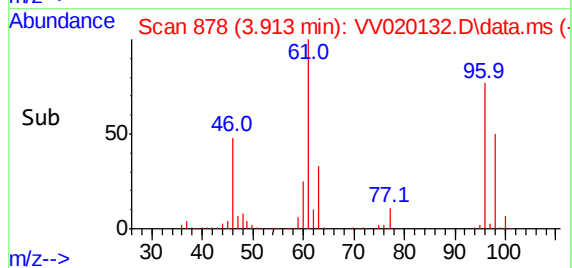
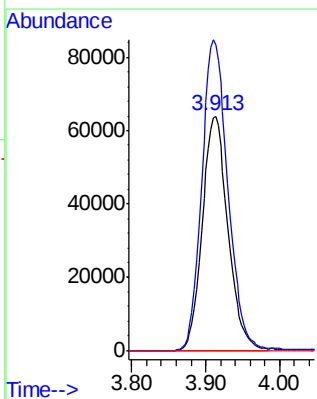
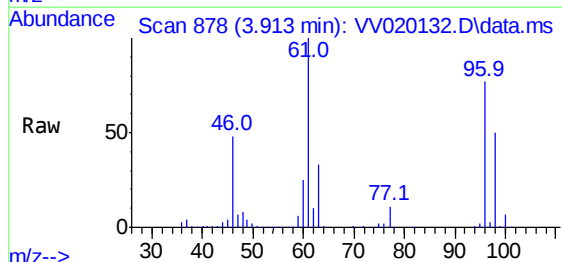
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

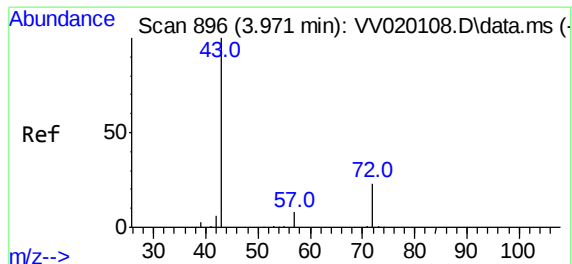
Tgt Ion: 63 Resp: 271375
Ion Ratio Lower Upper
63 100
65 31.3 21.9 40.7
83 14.0 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 42.36 ug/L
RT: 3.913 min Scan# 878
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion: 96 Resp: 153186
Ion Ratio Lower Upper
96 100
61 130.3 96.9 179.9
68 0.0 0.0 0.0

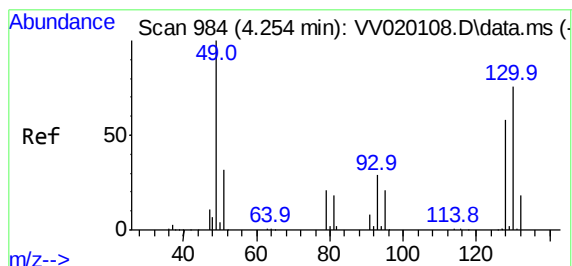
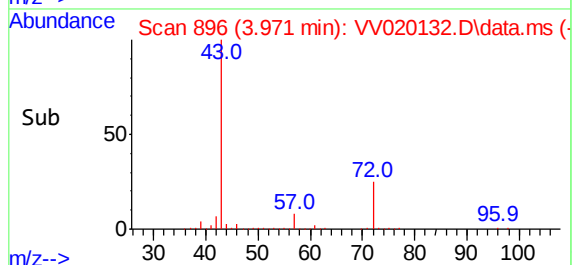
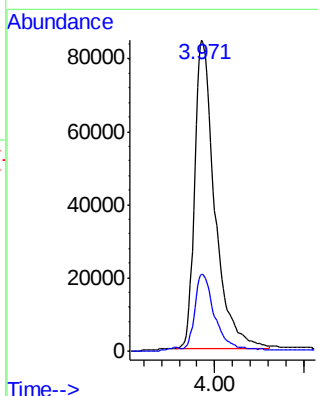
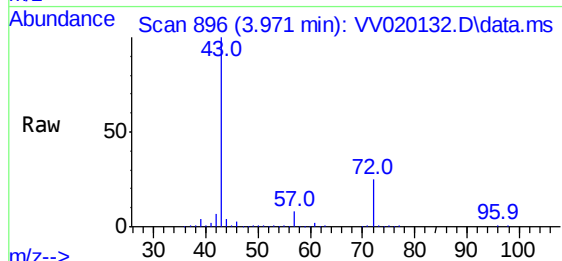




#22
2-Butanone
Concen: 96.51 ug/L
RT: 3.971 min Scan# 896
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

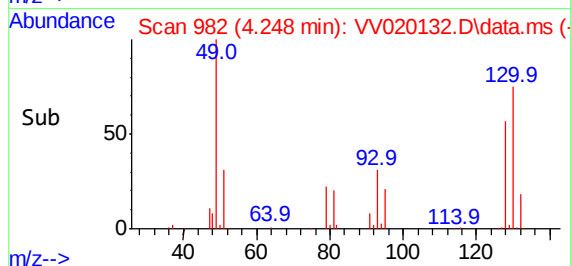
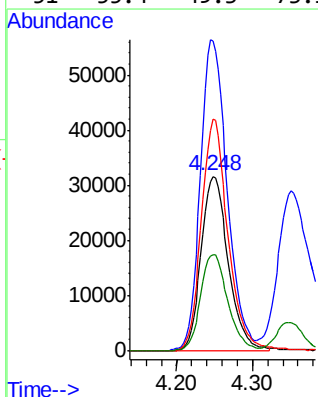
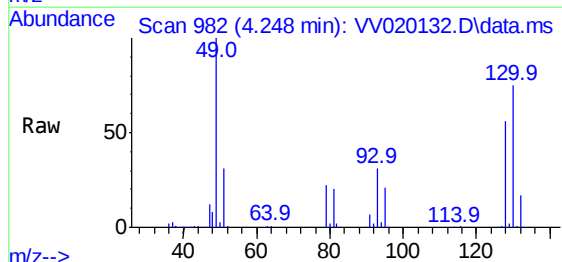
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

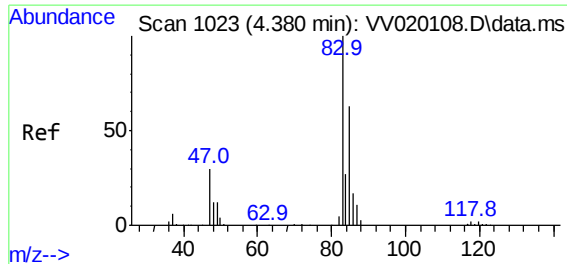
Tgt Ion: 43 Resp: 265231
Ion Ratio Lower Upper
43 100
72 23.2 12.2 36.6



#23
Bromochloromethane
Concen: 41.06 ug/L
RT: 4.248 min Scan# 982
Delta R.T. -0.006 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion:128 Resp: 77786
Ion Ratio Lower Upper
128 100
49 178.4 133.1 247.1
130 133.4 89.0 165.4
51 55.4 49.3 73.9

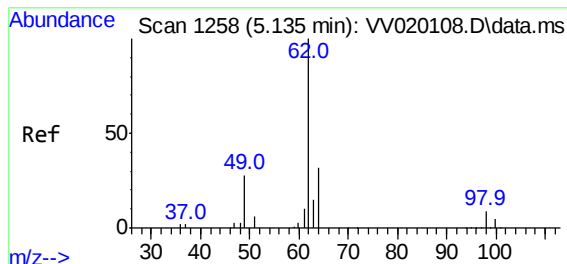
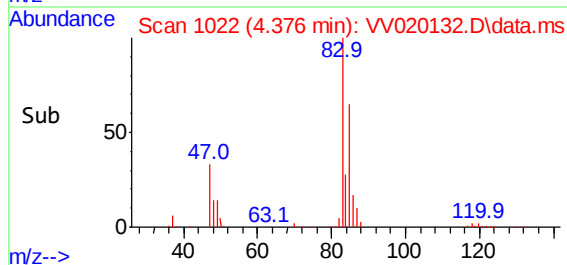
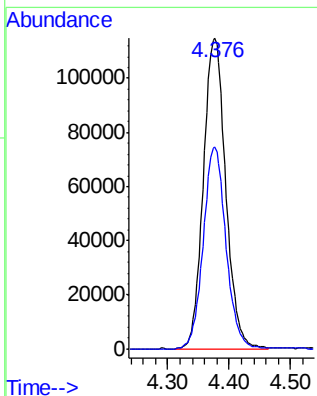
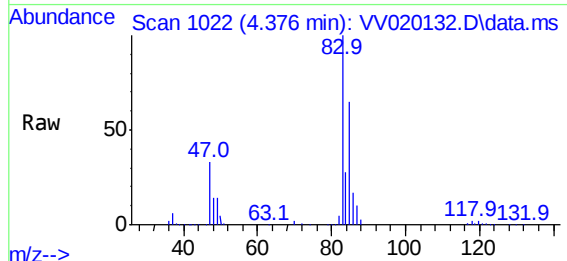




#25
Chloroform
Concen: 42.85 ug/L
RT: 4.376 min Scan# 1022
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

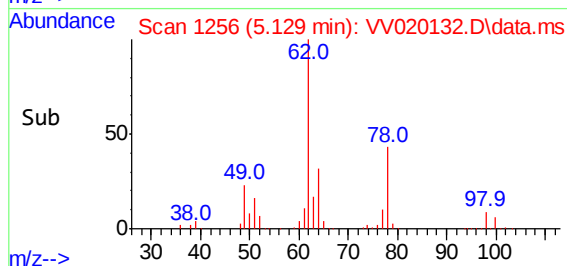
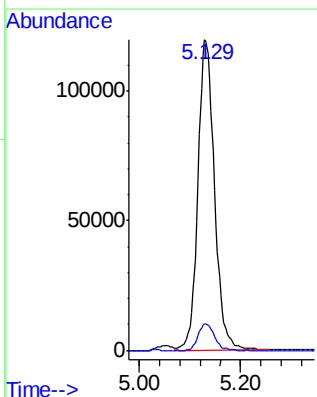
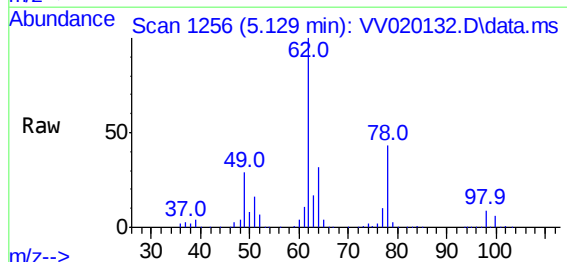
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

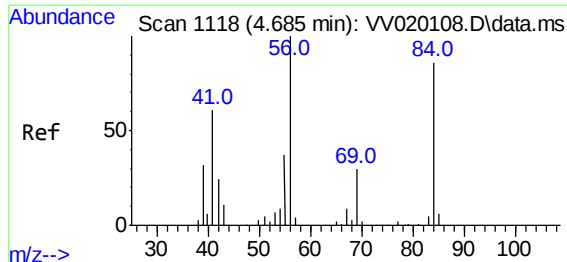
Tgt Ion: 83 Resp: 289410
Ion Ratio Lower Upper
83 100
85 65.1 44.2 82.2



#27
1,2-Dichloroethane
Concen: 47.22 ug/L
RT: 5.129 min Scan# 1256
Delta R.T. -0.006 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion: 62 Resp: 272214
Ion Ratio Lower Upper
62 100
98 8.7 6.9 10.3





#29

Cyclohexane

Concen: 46.02 ug/L

RT: 4.679 min Scan# 1116

Delta R.T. -0.006 min

Lab File: VV020132.D

Acq: 22 Jan 2021 10:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD05079

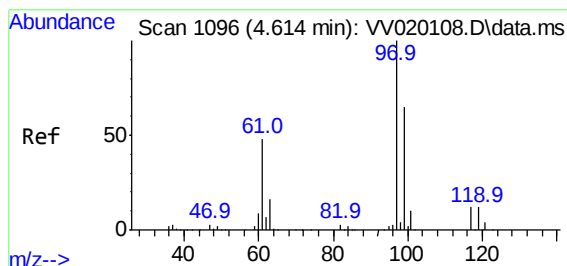
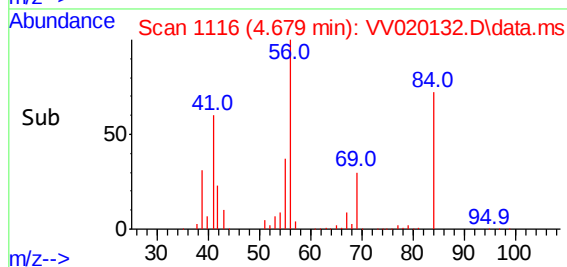
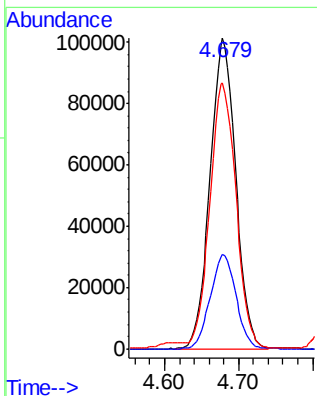
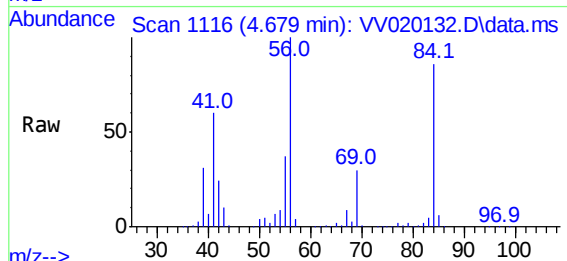
Tgt Ion: 56 Resp: 244409

Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.2

84 86.9 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 46.25 ug/L

RT: 4.608 min Scan# 1094

Delta R.T. -0.006 min

Lab File: VV020132.D

Acq: 22 Jan 2021 10:49

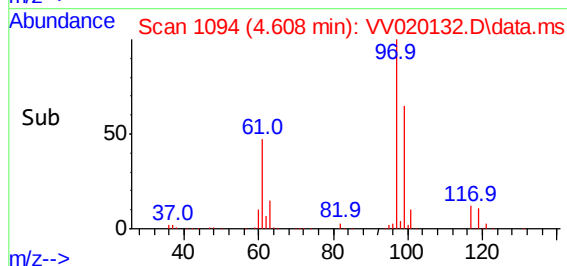
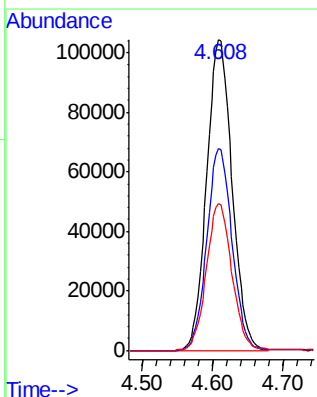
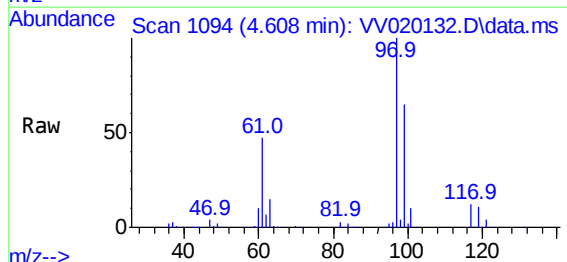
Tgt Ion: 97 Resp: 262668

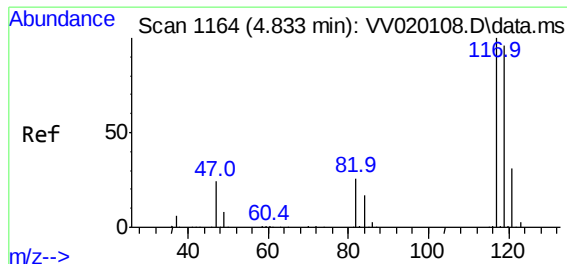
Ion Ratio Lower Upper

97 100

99 64.7 51.2 76.8

61 47.4 38.5 57.7

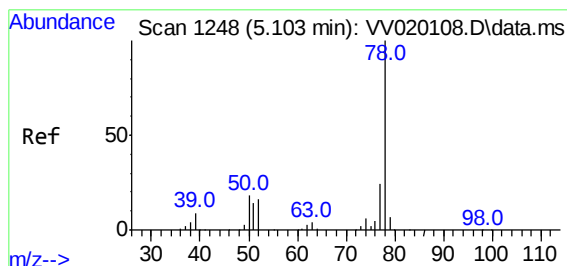
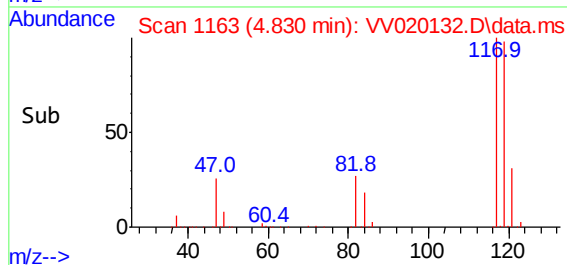
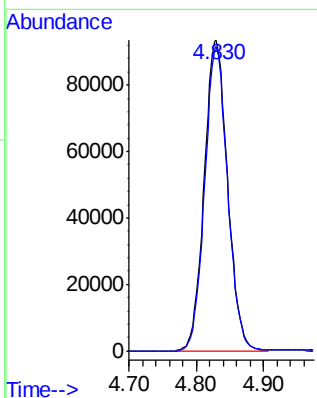
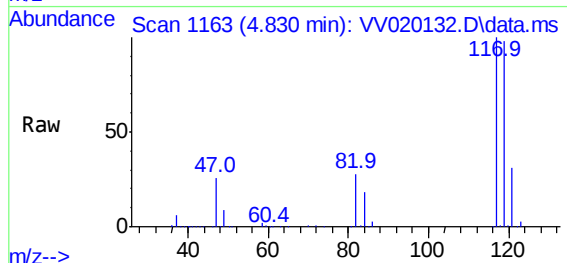




#31
Carbon tetrachloride
Concen: 46.51 ug/L
RT: 4.830 min Scan# 1163
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

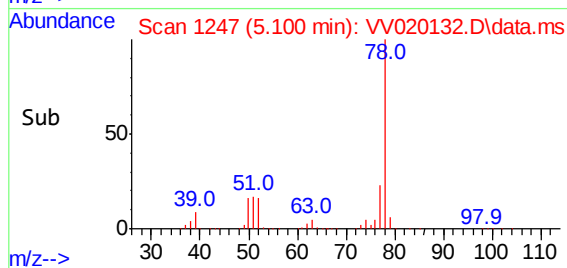
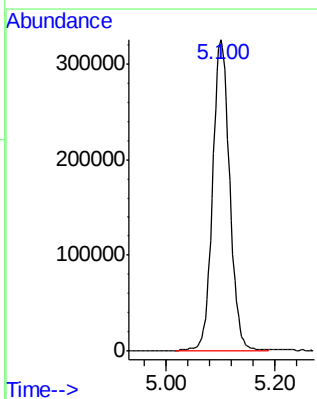
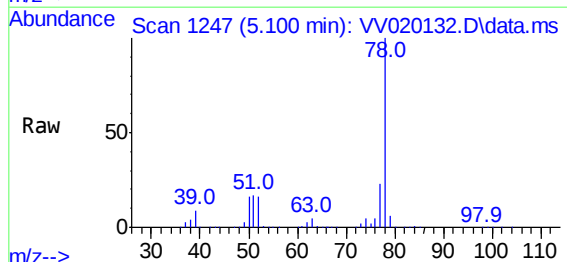
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

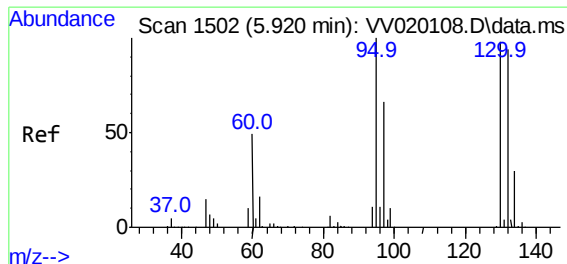
Tgt Ion:117 Resp: 227142
Ion Ratio Lower Upper
117 100
119 96.0 76.3 114.5



#33
Benzene
Concen: 51.36 ug/L
RT: 5.100 min Scan# 1247
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion: 78 Resp: 704530

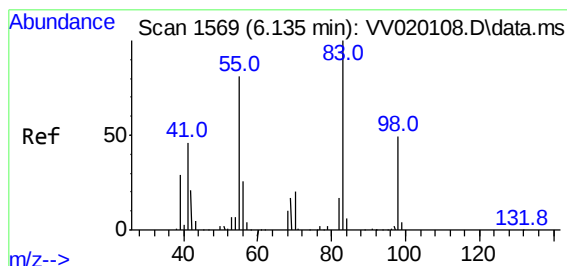
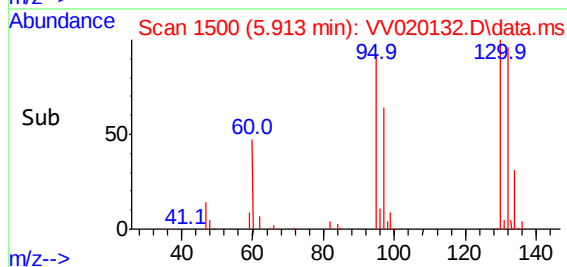
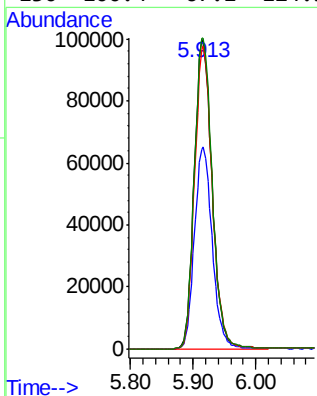
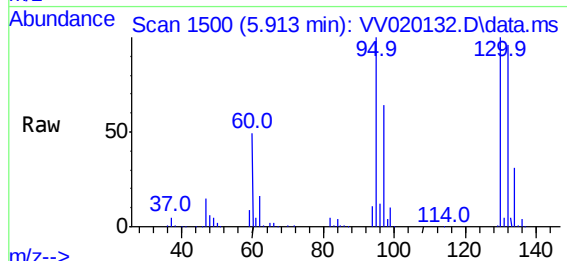




#34
Trichloroethene
Concen: 50.34 ug/L
RT: 5.913 min Scan# 1500
Delta R.T. -0.006 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

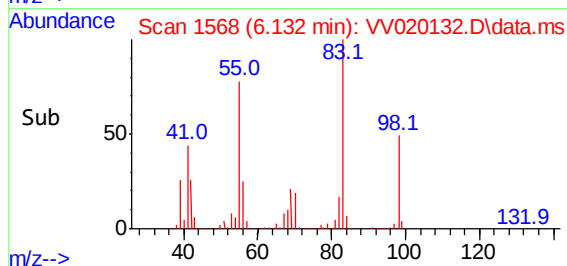
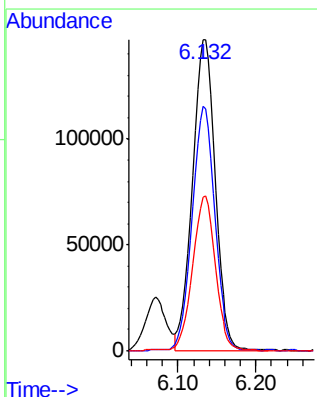
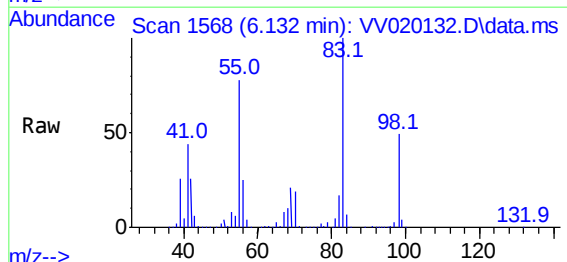
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

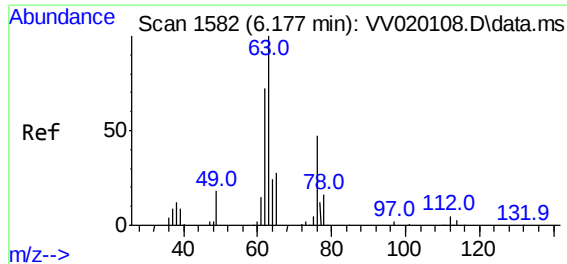
Tgt Ion: 95 Resp: 195253
Ion Ratio Lower Upper
95 100
97 64.6 44.5 82.7
132 96.8 63.4 117.8
130 100.4 67.1 124.5



#35
Methylcyclohexane
Concen: 53.28 ug/L
RT: 6.132 min Scan# 1568
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion: 83 Resp: 295218
Ion Ratio Lower Upper
83 100
55 78.0 65.1 97.7
98 49.6 38.2 57.2

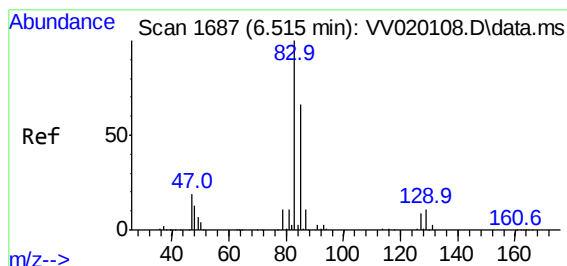
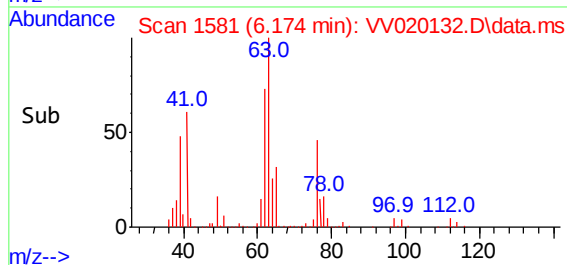
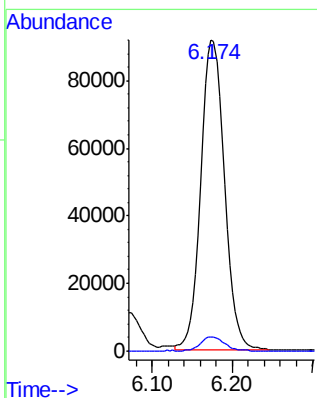
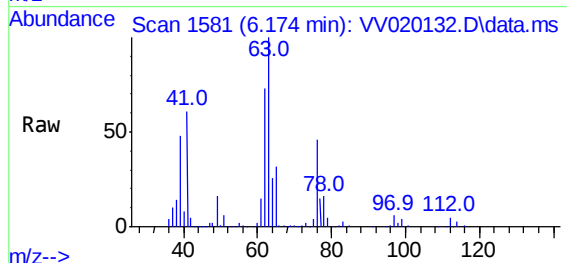




#37
1,2-Dichloropropane
Concen: 50.61 ug/L
RT: 6.174 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

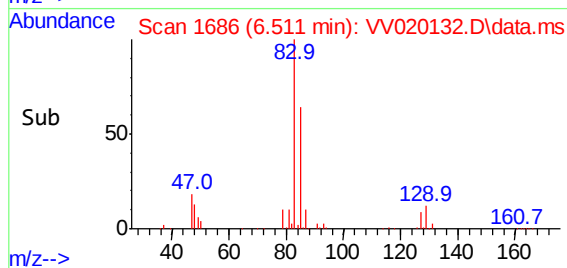
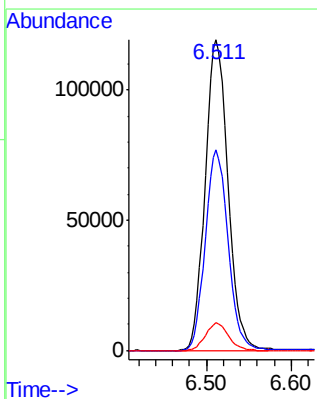
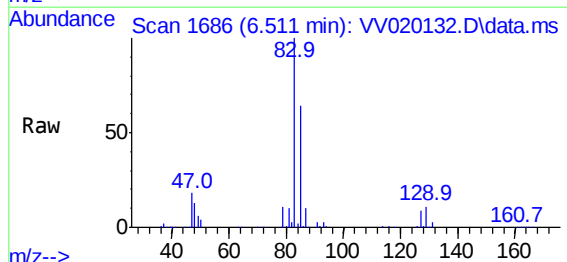
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

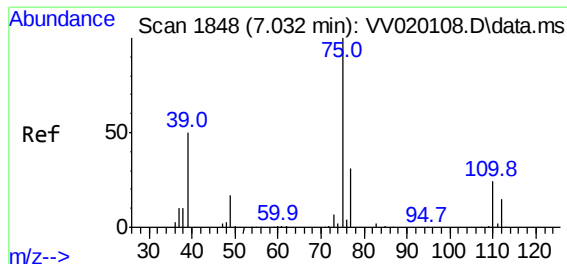
Tgt Ion: 63 Resp: 181472
Ion Ratio Lower Upper
63 100
112 4.5 3.3 4.9



#38
Bromodichloromethane
Concen: 45.24 ug/L
RT: 6.511 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion: 83 Resp: 222159
Ion Ratio Lower Upper
83 100
85 64.4 44.5 82.7
127 8.8 6.3 9.5

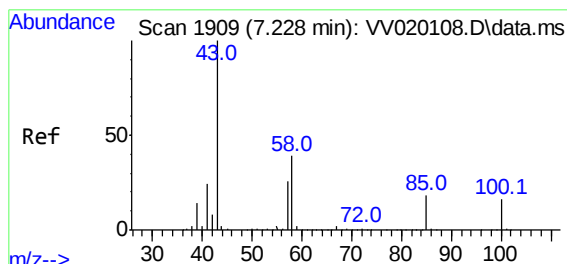
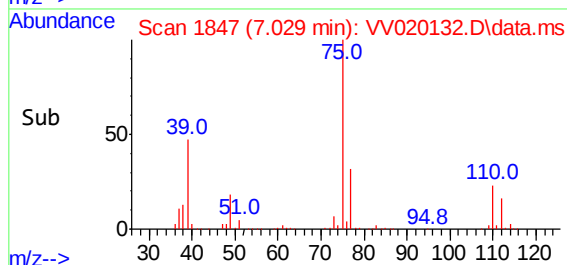
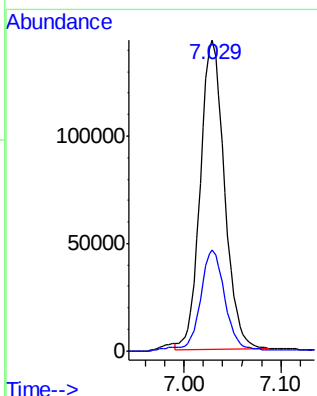
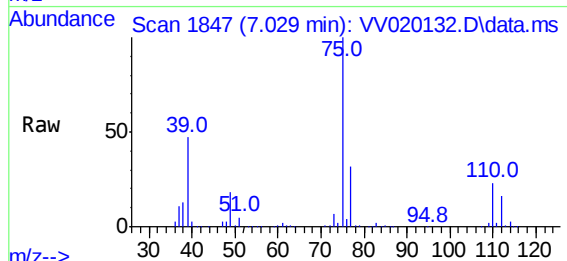




#39
cis-1,3-Dichloropropene
Concen: 45.09 ug/L
RT: 7.029 min Scan# 1847
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

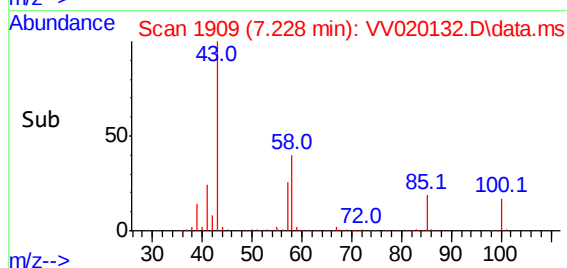
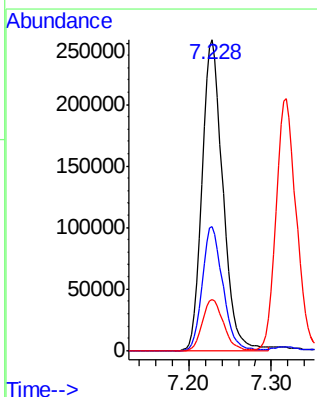
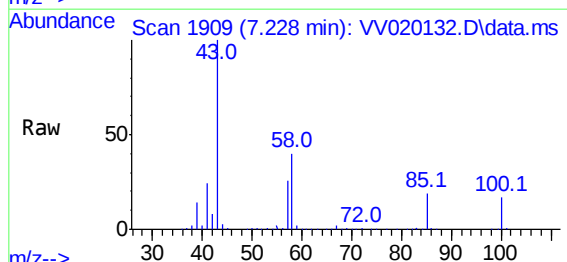
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

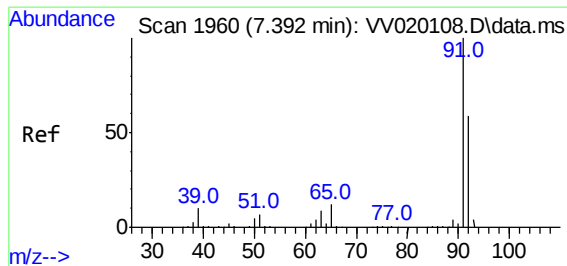
Tgt Ion: 75 Resp: 249950
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 81.97 ug/L
RT: 7.228 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion: 43 Resp: 440450
Ion Ratio Lower Upper
43 100
58 39.5 30.7 46.1
100 16.5 11.6 17.4

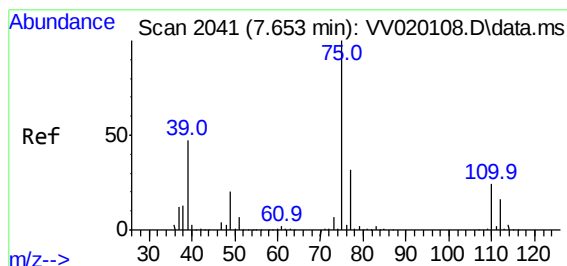
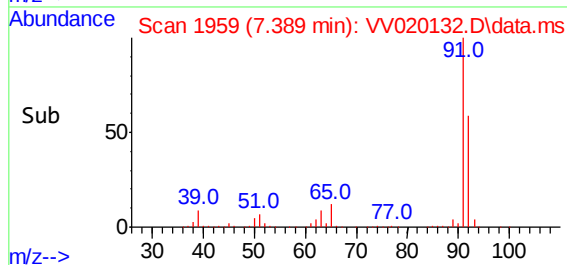
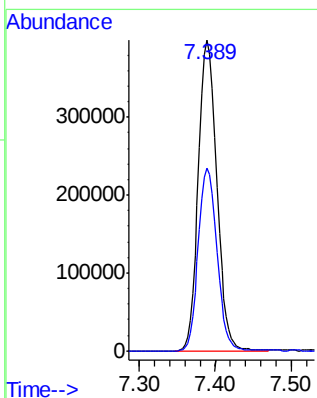
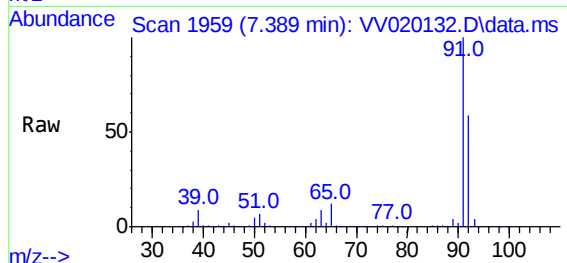




#42
Toluene
Concen: 46.11 ug/L
RT: 7.389 min Scan# 1959
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

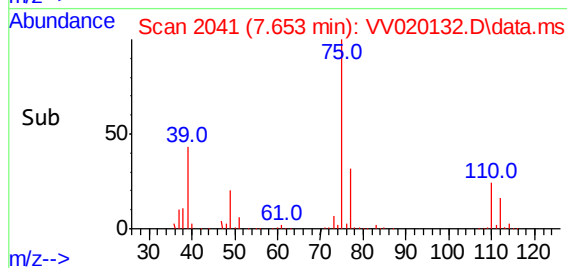
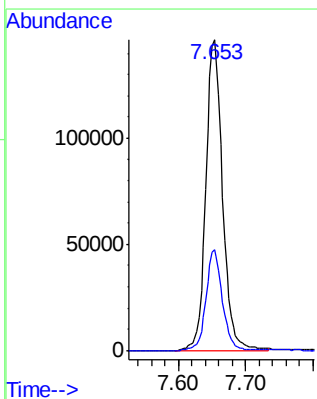
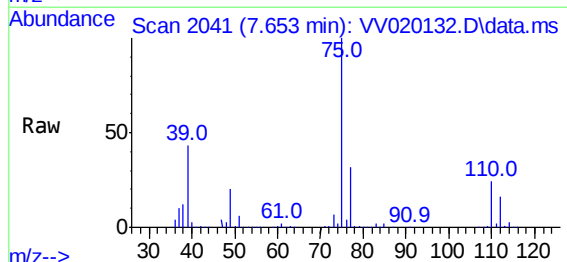
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

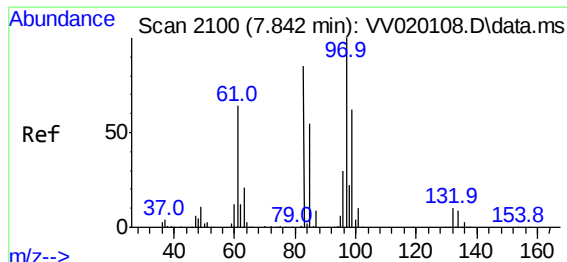
Tgt Ion: 91 Resp: 671115
Ion Ratio Lower Upper
91 100
92 58.9 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 48.52 ug/L
RT: 7.653 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion: 75 Resp: 255198
Ion Ratio Lower Upper
75 100
77 32.4 22.0 41.0



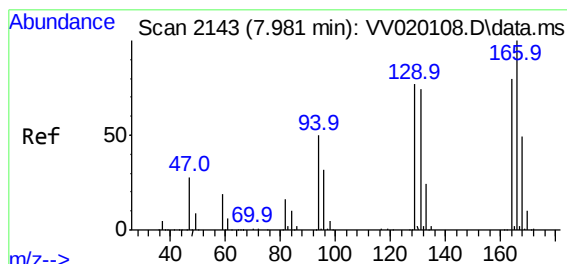
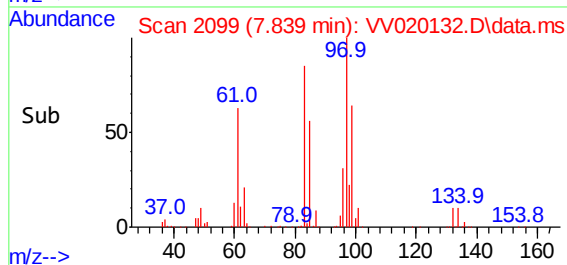
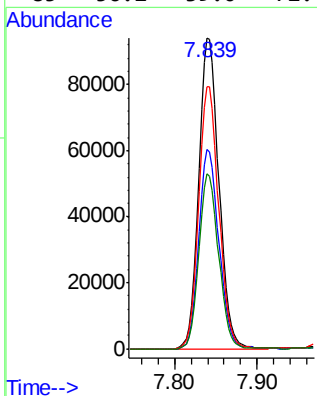
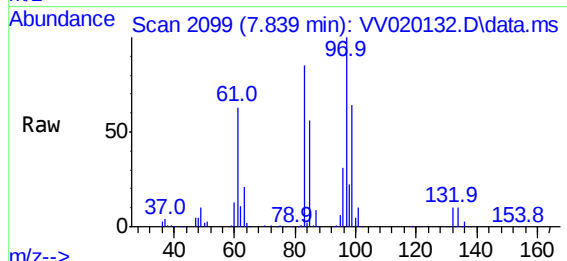


#45
1,1,2-Trichloroethane
Concen: 45.29 ug/L
RT: 7.839 min Scan# 2099
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

Tgt Ion: 97 Resp: 159916

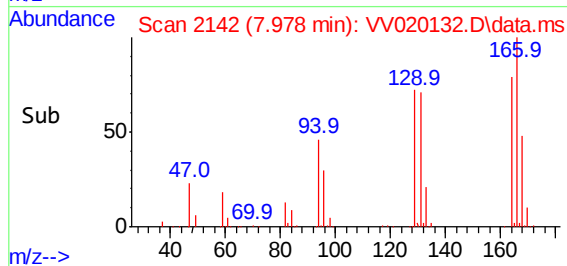
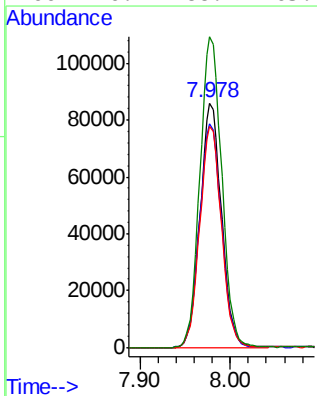
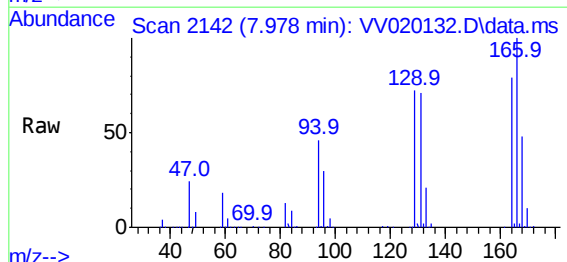
Ion	Ratio	Lower	Upper
97	100		
99	64.1	43.8	81.3
83	84.5	62.2	115.4
85	56.2	39.0	72.4

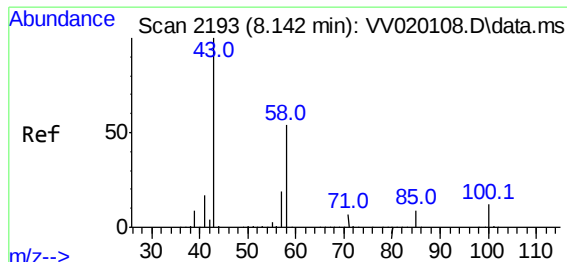


#46
Tetrachloroethene
Concen: 48.84 ug/L
RT: 7.978 min Scan# 2142
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion: 164 Resp: 141411

Ion	Ratio	Lower	Upper
164	100		
129	91.5	70.6	131.0
131	90.2	66.8	124.0
166	126.9	88.2	163.8

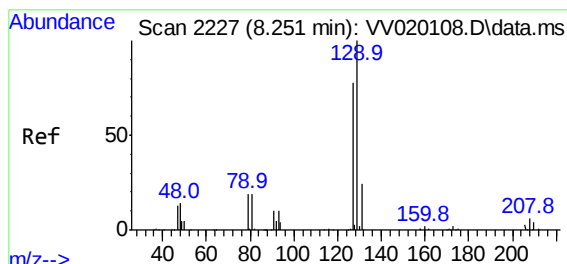
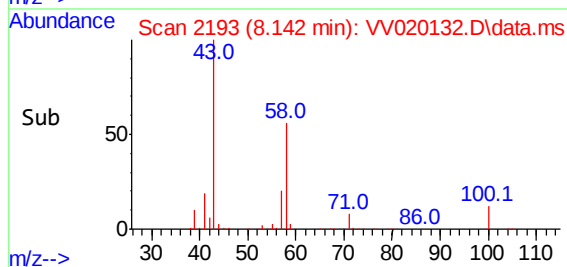
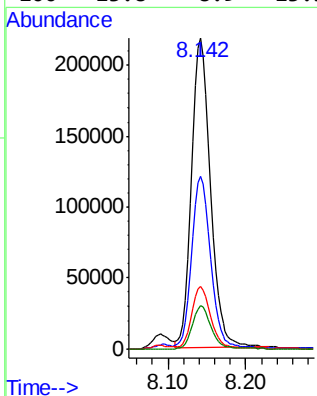
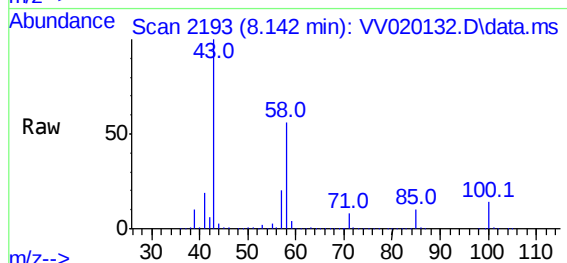




#48
2-Hexanone
Concen: 87.83 ug/L
RT: 8.142 min Scan# 2193
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

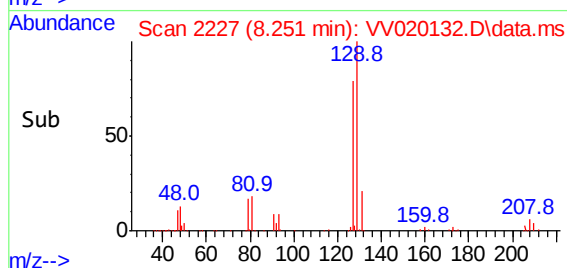
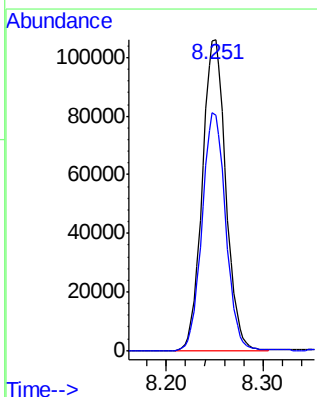
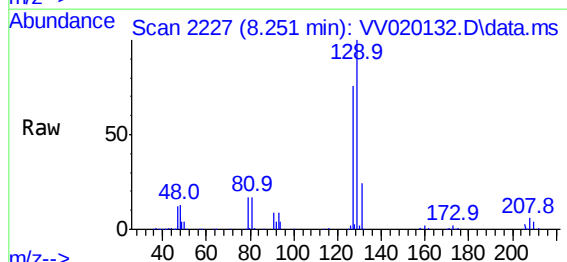
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

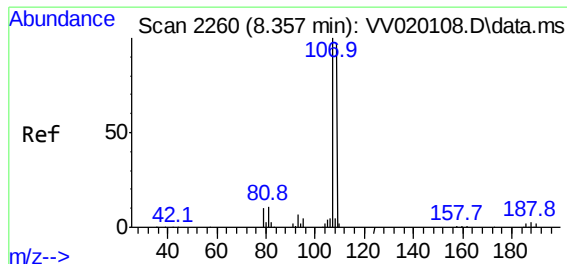
Tgt Ion: 43 Resp: 365382
Ion Ratio Lower Upper
43 100
58 55.4 41.8 62.6
57 20.0 15.0 22.4
100 13.8 8.9 13.3#



#49
Dibromochloromethane
Concen: 46.92 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion: 129 Resp: 179030
Ion Ratio Lower Upper
129 100
127 75.9 55.2 102.6

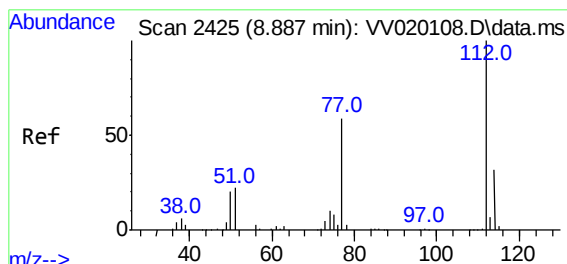
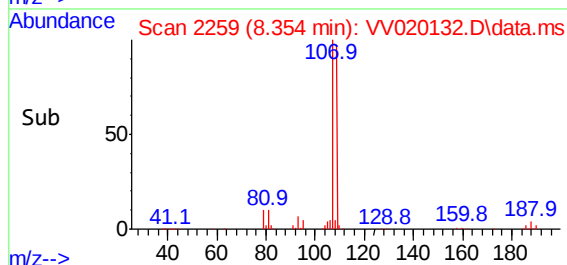
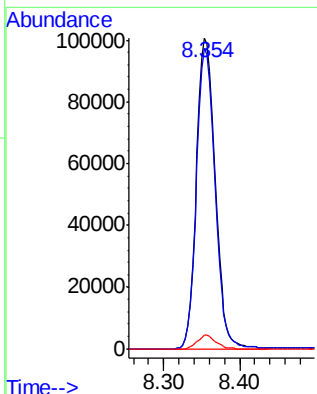
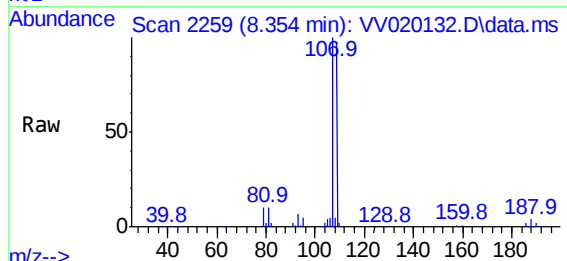




#50
1,2-Dibromoethane
Concen: 44.58 ug/L
RT: 8.354 min Scan# 2259
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

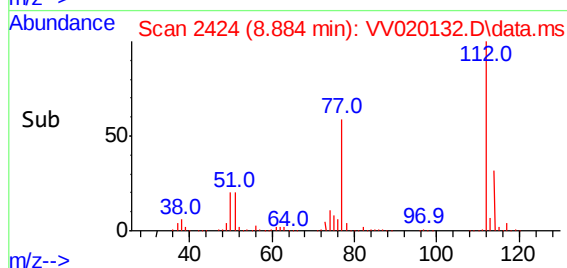
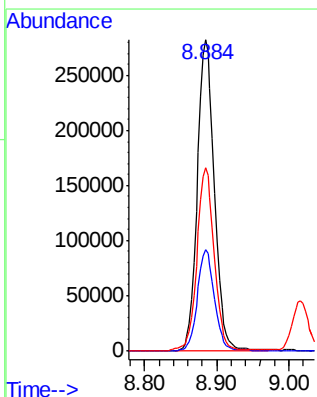
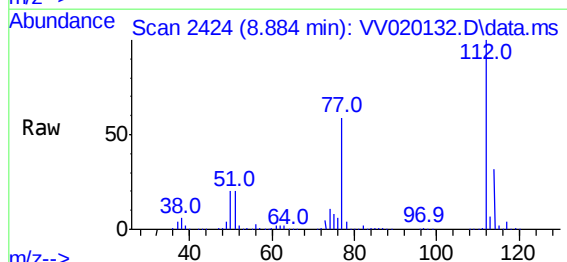
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

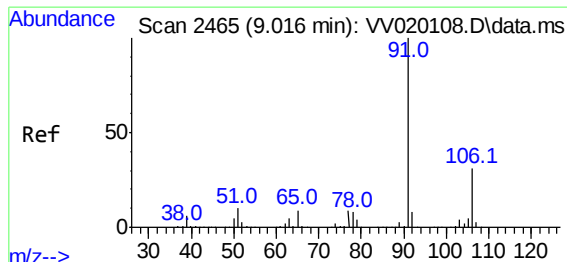
Tgt Ion:107 Resp: 172032
Ion Ratio Lower Upper
107 100
109 96.6 66.2 123.0
188 4.5 2.6 3.8#



#51
Chlorobenzene
Concen: 48.18 ug/L
RT: 8.884 min Scan# 2424
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion:112 Resp: 461015
Ion Ratio Lower Upper
112 100
114 32.3 22.2 41.2
77 58.7 49.0 73.6

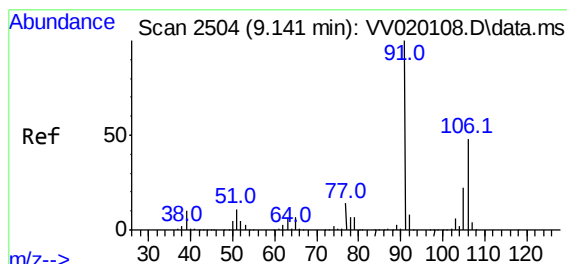
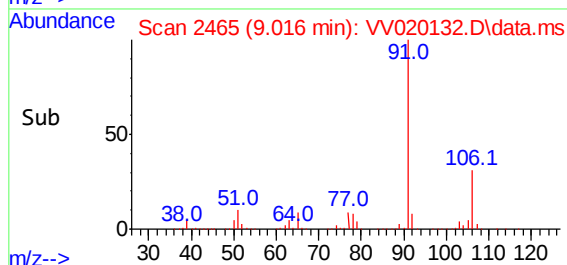
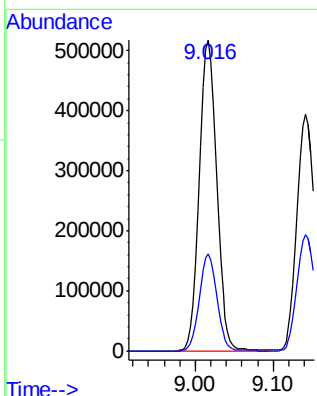
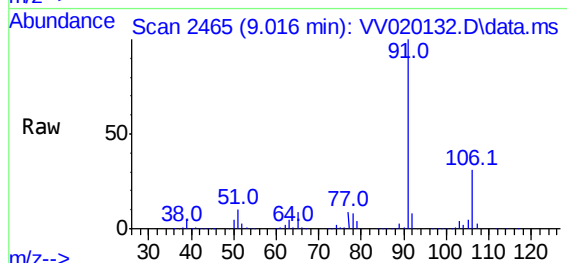




#52
Ethylbenzene
Concen: 49.91 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

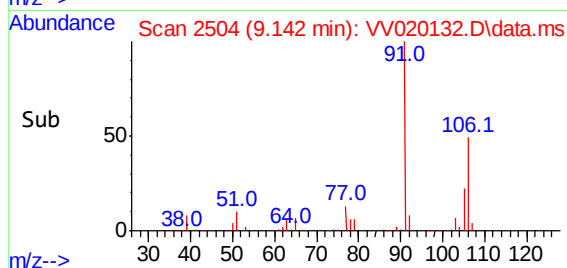
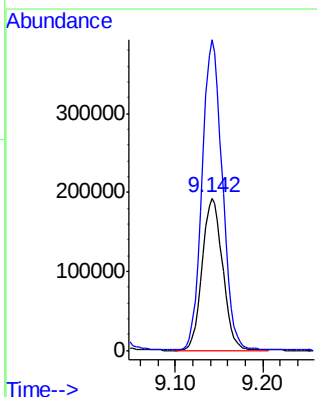
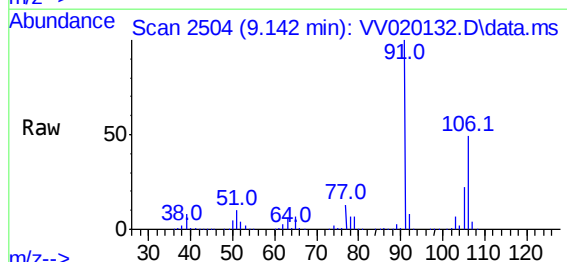
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

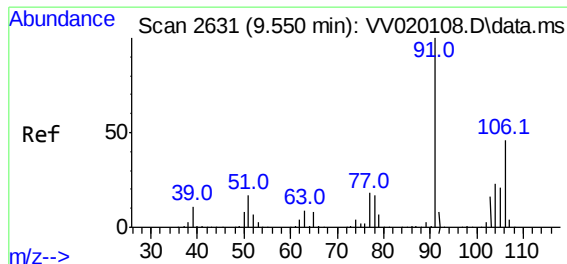
Tgt Ion: 91 Resp: 799840
Ion Ratio Lower Upper
91 100
106 31.1 21.0 39.0



#53
m,p-Xylene
Concen: 53.27 ug/L
RT: 9.142 min Scan# 2504
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion: 106 Resp: 310846
Ion Ratio Lower Upper
106 100
91 204.3 148.1 275.0

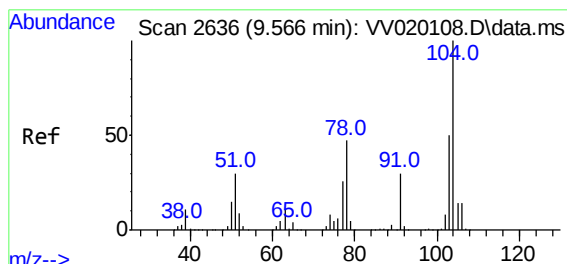
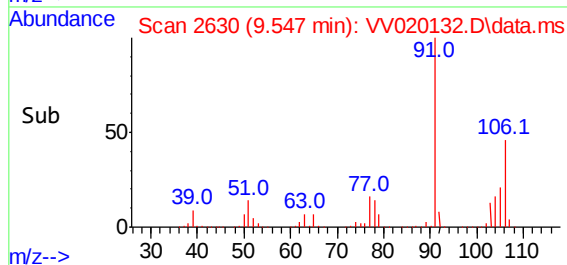
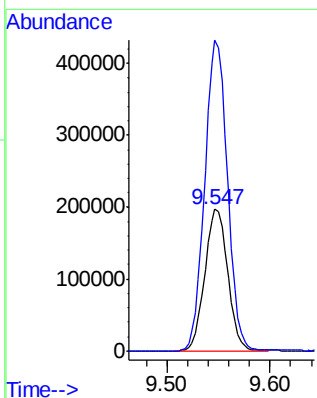
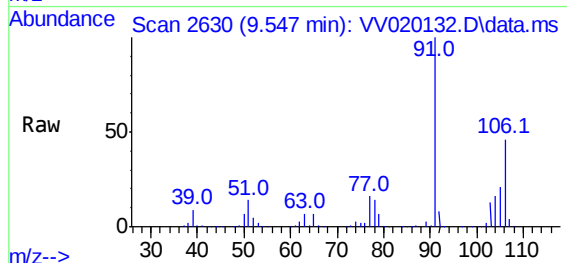




#54
o-xylene
Concen: 51.68 ug/L
RT: 9.547 min Scan# 2630
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

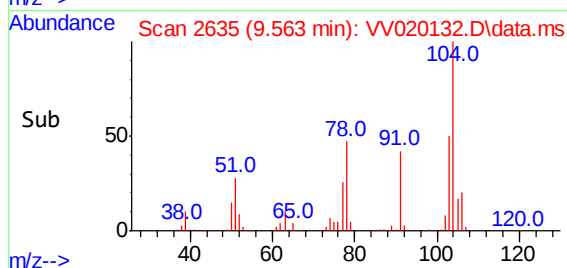
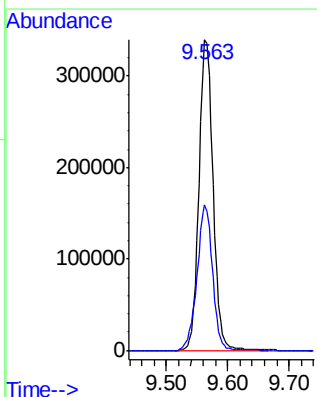
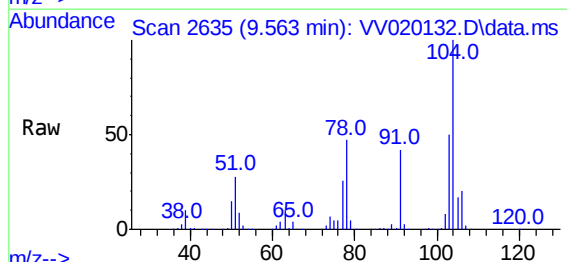
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

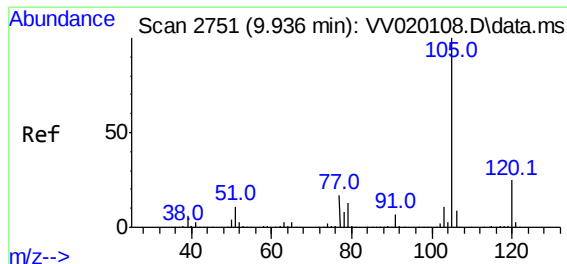
Tgt Ion:106 Resp: 303298
Ion Ratio Lower Upper
106 100
91 219.6 156.4 290.6



#55
Styrene
Concen: 52.18 ug/L
RT: 9.563 min Scan# 2635
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion:104 Resp: 535780
Ion Ratio Lower Upper
104 100
78 46.8 33.7 62.5

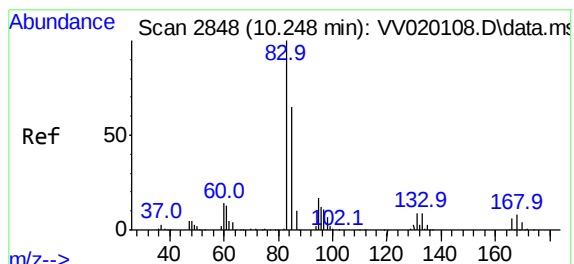
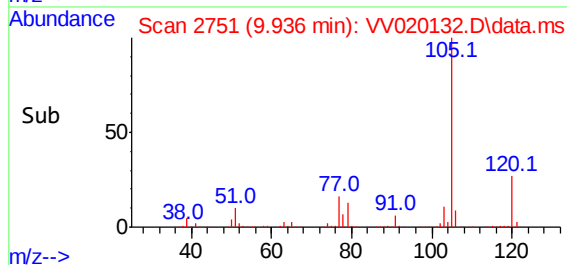
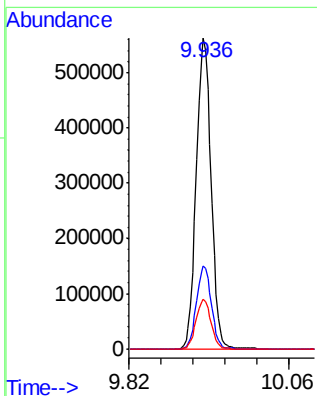
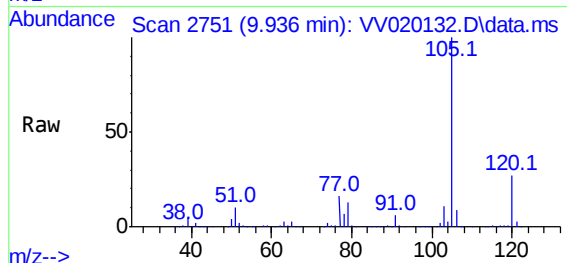




#56
Isopropylbenzene
Concen: 54.59 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

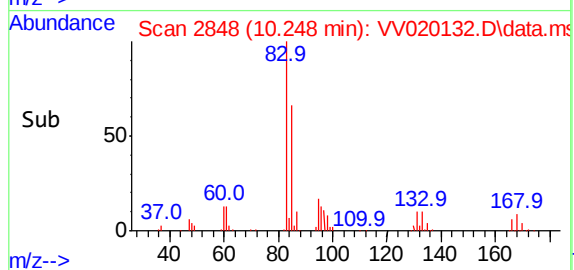
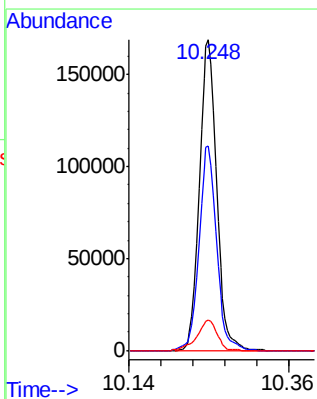
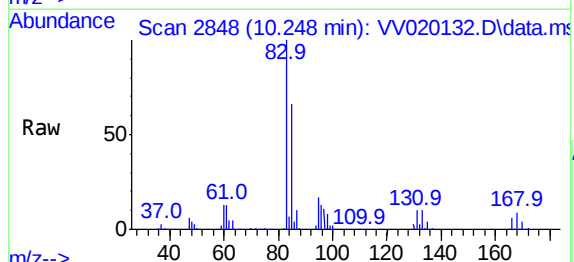
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

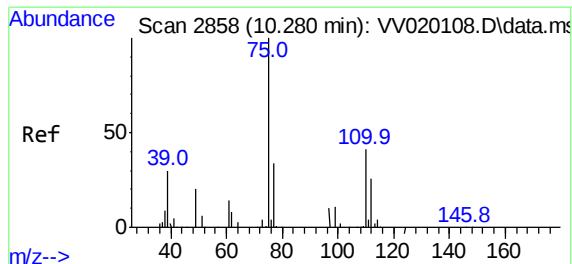
Tgt Ion:105 Resp: 855358
Ion Ratio Lower Upper
105 100
120 26.7 20.5 30.7
77 15.9 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 51.17 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion: 83 Resp: 272260
Ion Ratio Lower Upper
83 100
85 65.8 44.3 82.3
131 9.8 7.3 10.9

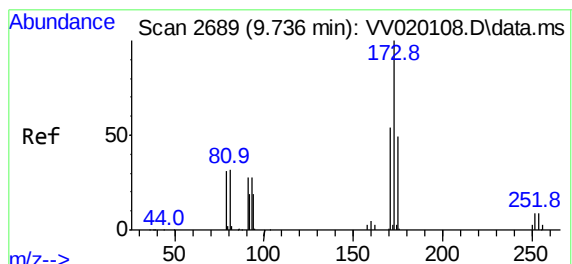
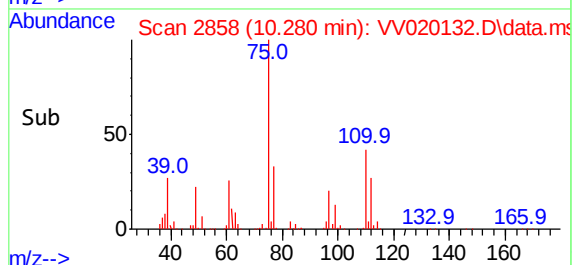
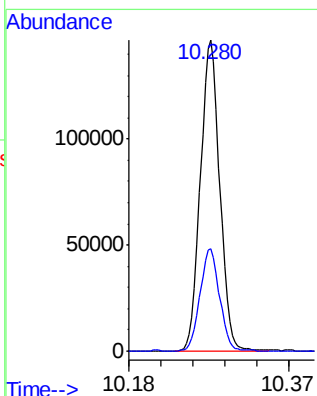
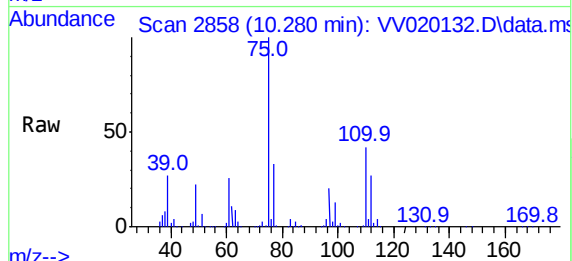




#59
1,2,3-Trichloropropane
Concen: 48.80 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

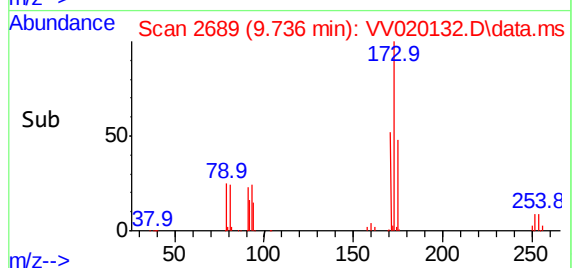
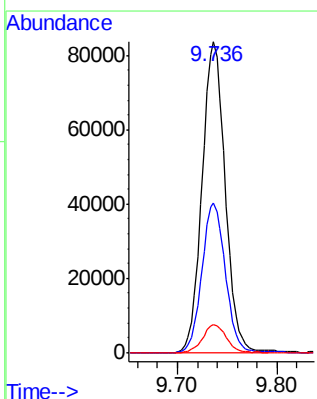
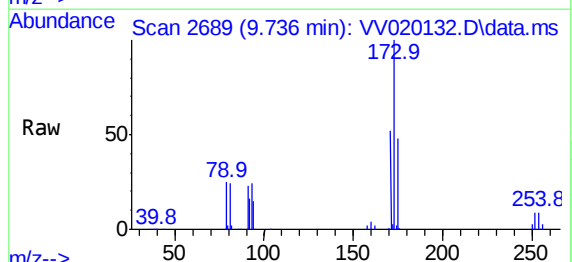
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

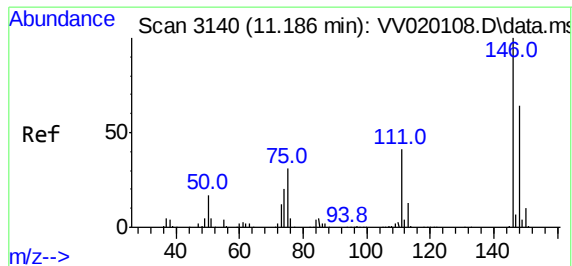
Tgt Ion: 75 Resp: 231127
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0



#61
Bromoform
Concen: 48.32 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion:173 Resp: 134479
Ion Ratio Lower Upper
173 100
175 48.8 38.6 57.8
254 8.9 6.5 9.7

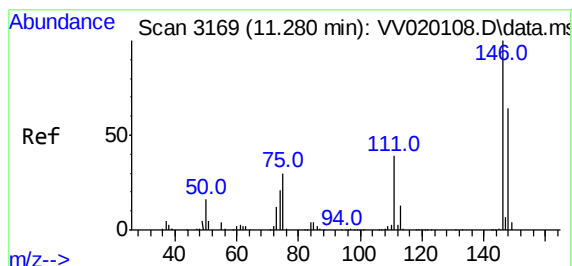
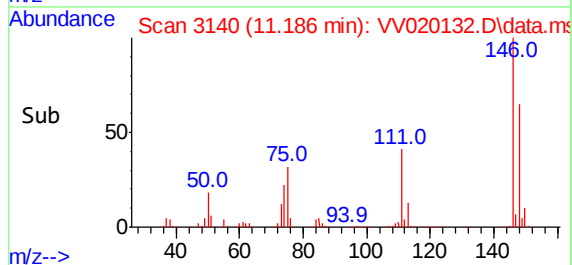
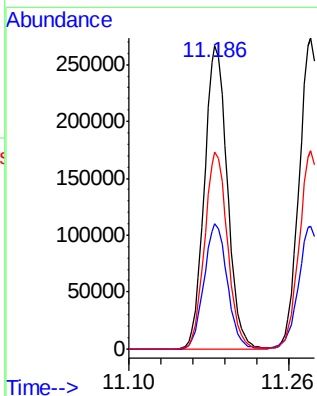
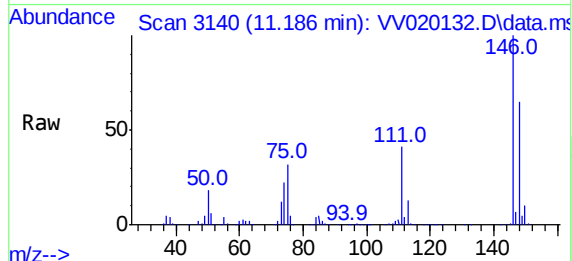




#62
1,3-Dichlorobenzene
Concen: 49.18 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

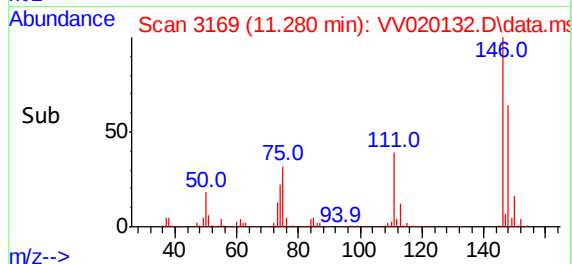
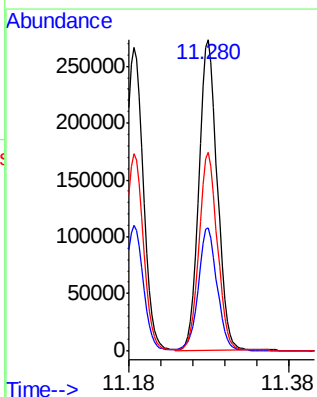
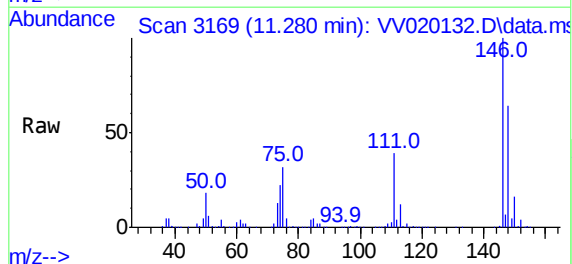
Instrument :
MSVOA_V
ClientSampled :
VSTD05079

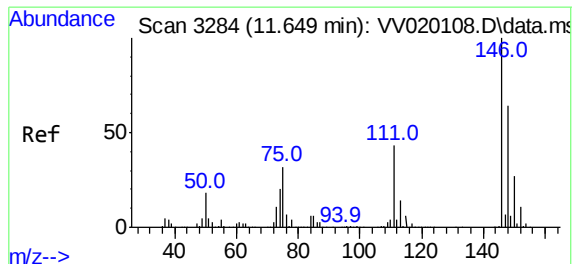
Tgt Ion:146 Resp: 409679
Ion Ratio Lower Upper
146 100
111 41.2 30.2 56.2
148 64.7 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 48.62 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion:146 Resp: 422002
Ion Ratio Lower Upper
146 100
111 39.3 29.4 54.6
148 63.6 44.7 83.1

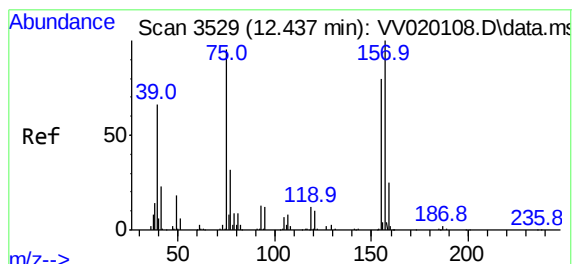
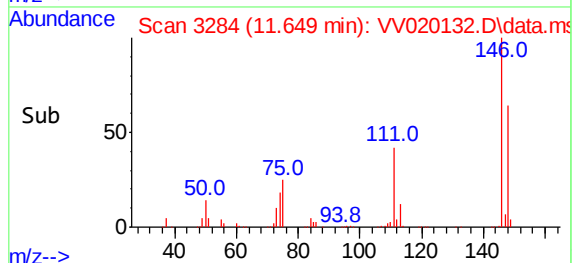
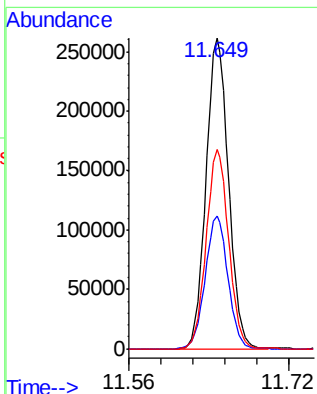
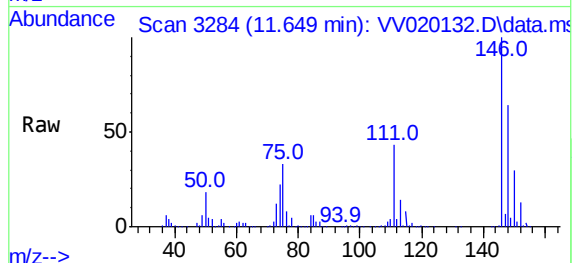




#65
1,2-Dichlorobenzene
Concen: 48.31 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

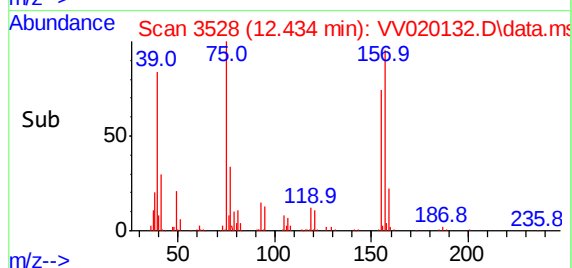
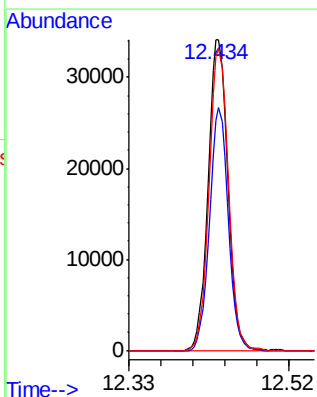
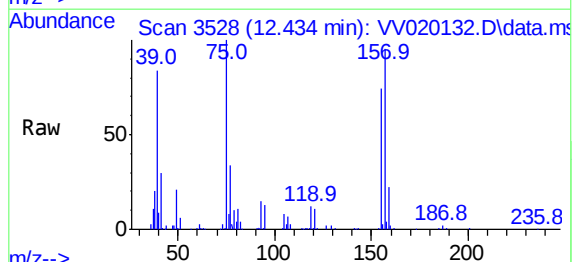
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

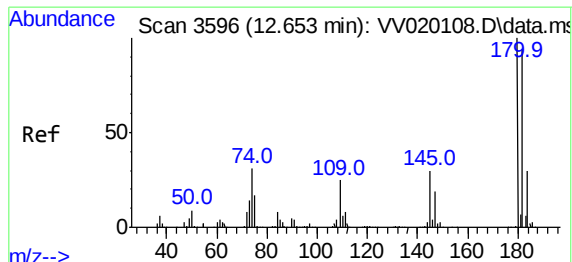
Tgt Ion:146 Resp: 407723
Ion Ratio Lower Upper
146 100
111 43.0 36.3 54.5
148 64.2 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 39.13 ug/L
RT: 12.434 min Scan# 3528
Delta R.T. -0.003 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion: 75 Resp: 54740
Ion Ratio Lower Upper
75 100
155 74.0 59.1 88.7
157 94.8 75.4 113.0

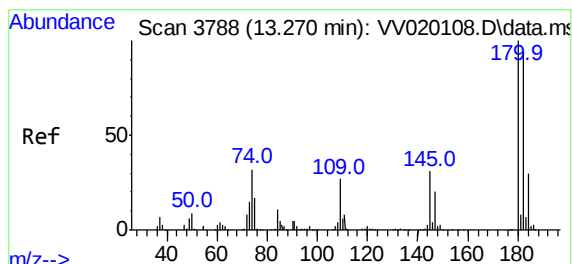
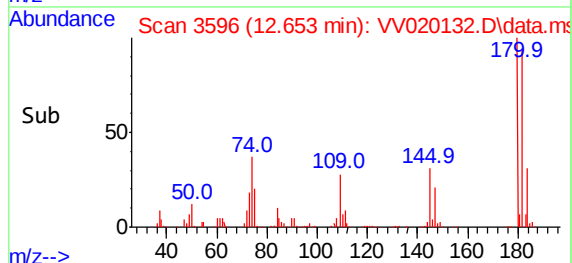
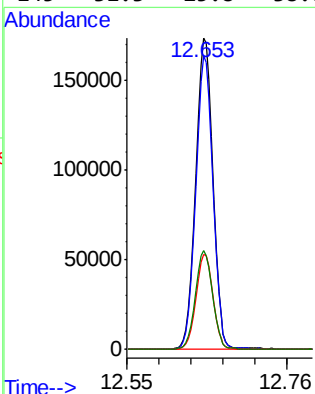
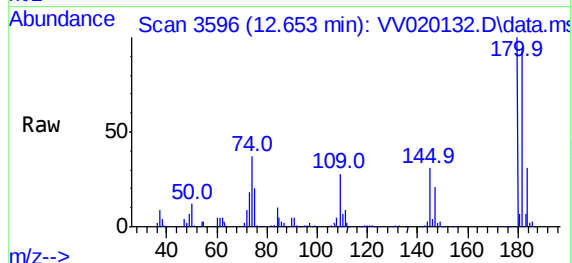




#67
1,3,5-Trichlorobenzene
Concen: 40.49 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

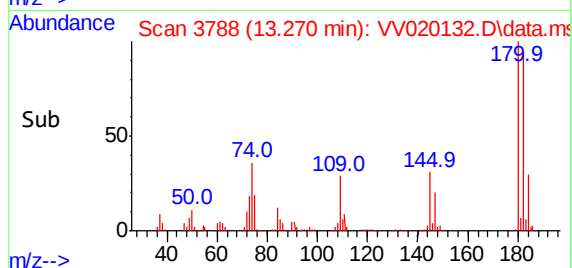
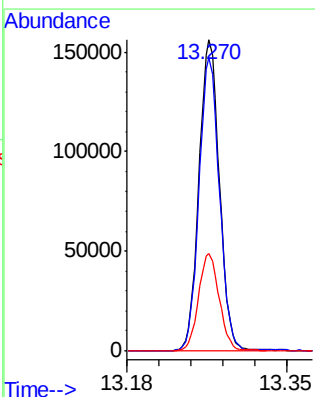
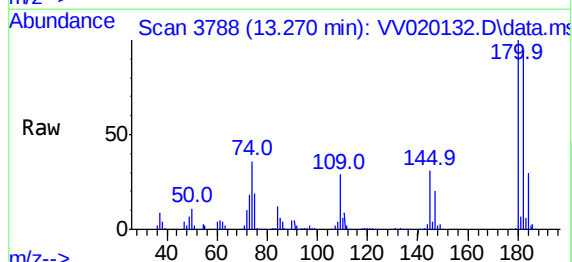
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

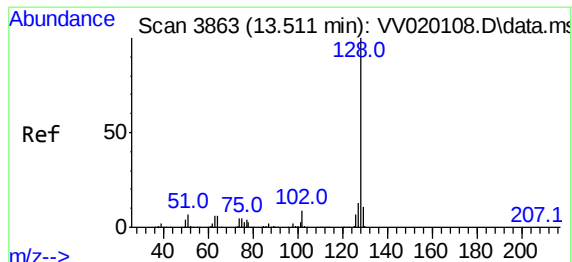
Tgt Ion:180 Resp: 261333
Ion Ratio Lower Upper
180 100
182 93.9 75.0 112.6
184 30.0 24.0 36.0
145 31.3 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 41.52 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion:180 Resp: 236641
Ion Ratio Lower Upper
180 100
182 94.4 75.1 112.7
145 31.6 26.8 40.2

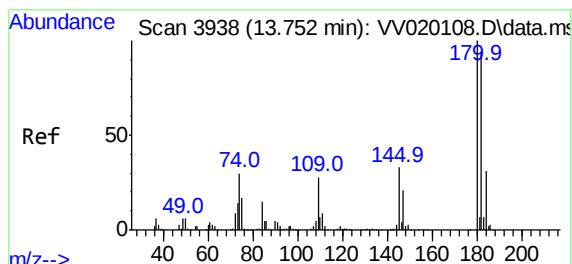
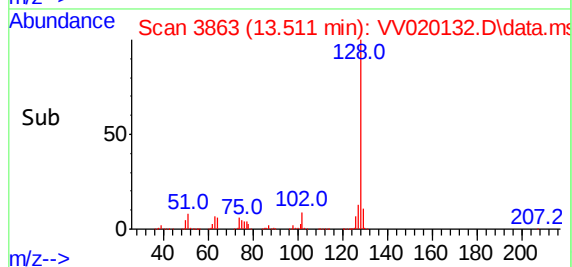
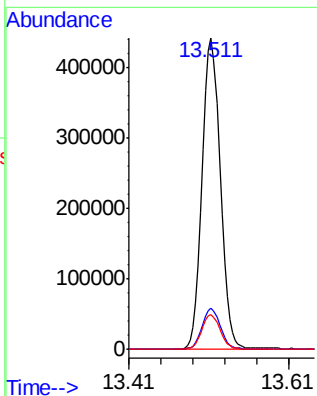
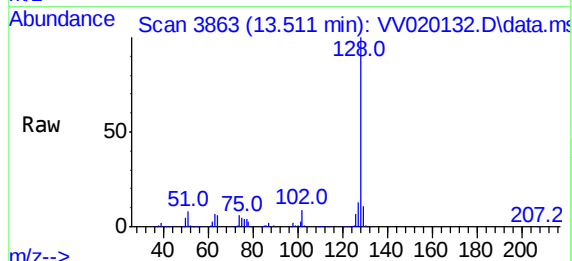




#69
Naphthalene
Concen: 40.36 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

Tgt Ion:128 Resp: 667329
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 40.45 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020132.D
Acq: 22 Jan 2021 10:49

Tgt Ion:180 Resp: 226629
Ion Ratio Lower Upper
180 100
182 93.8 76.1 114.1
145 33.9 27.9 41.9

