

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031921\
 Data File : VW020692.D
 Acq On : 19 Mar 2021 16:34
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 22 14:32:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 00:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	382701	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	374370	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.252	152	201976	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	158998	51.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	103.02%		
7) Chloroethane-d5	1.571	69	113142	45.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.62%		
11) 1,1-Dichloroethene-d2	2.111	63	264084	45.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.00%		
21) 2-Butanone-d5	3.889	46	192515	97.17	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.17%		
24) Chloroform-d	4.349	84	276501	51.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.06%		
26) 1,2-Dichloroethane-d4	5.034	65	175129	49.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.94%		
32) Benzene-d6	5.050	84	516290	49.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.82%		
36) 1,2-Dichloropropane-d6	6.072	67	165318	49.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.92%		
41) Toluene-d8	7.317	98	478543	52.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.12%		
43) trans-1,3-Dichloroprop...	7.622	79	80199	51.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.70%		
47) 2-Hexanone-d5	8.088	63	135816	109.69	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.69%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	237180	57.35	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	114.70%		
64) 1,2-Dichlorobenzene-d4	11.632	152	187132	47.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.64%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	153552	48.60	ug/L	100
3) Chloromethane	1.243	50	167559	45.84	ug/L	100
5) Vinyl chloride	1.314	62	167930	45.83	ug/L	97
6) Bromomethane	1.526	94	90426	41.89	ug/L	98
8) Chloroethane	1.587	64	91428	41.12	ug/L	100
9) Trichlorofluoromethane	1.754	101	226379	46.36	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	117637	44.18	ug/L	93
12) 1,1-Dichloroethene	2.121	96	107842	41.74	ug/L	85
13) Acetone	2.182	43	172532	106.61	ug/L	98
14) Carbon disulfide	2.294	76	339529	43.34	ug/L	98
15) Methyl Acetate	2.433	43	147384	47.55	ug/L	99
16) Methylene chloride	2.507	84	136094	45.46	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	123447	44.73	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	384652	45.83	ug/L	100
19) 1,1-Dichloroethane	3.191	63	239320	45.45	ug/L	99
22) 2-Butanone	3.973	43	219747	98.17	ug/L	93
23) Bromochloromethane	4.246	128	68688	48.32	ug/L	97
25) Chloroform	4.375	83	252880	45.98	ug/L	100
27) 1,2-Dichloroethane	5.130	62	202732	46.66	ug/L	98

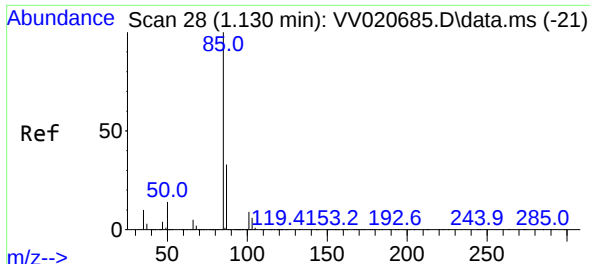
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031921\
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 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 00:20:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.677	56	205690	44.86	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	218351	48.26	ug/L	98
31) Carbon tetrachloride	4.831	117	186356	50.69	ug/L	98
33) Benzene	5.098	78	534456	47.31	ug/L	100
34) Trichloroethene	5.915	95	138357	43.41	ug/L	99
35) Methylcyclohexane	6.133	83	213109	48.65	ug/L	99
37) 1,2-Dichloropropane	6.175	63	141046	47.82	ug/L	99
38) Bromodichloromethane	6.510	83	187111	48.18	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	217443	49.70	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	415247	93.61	ug/L	97
42) Toluene	7.387	91	571967	48.50	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	212743	49.47	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	134519	48.95	ug/L	98
46) Tetrachloroethene	7.976	164	102586	50.17	ug/L	98
48) 2-Hexanone	8.140	43	335165	96.74	ug/L	99
49) Dibromochloromethane	8.249	129	141540	49.46	ug/L	99
50) 1,2-Dibromoethane	8.355	107	140219	47.64	ug/L #	99
51) Chlorobenzene	8.886	112	362807	47.57	ug/L	99
52) Ethylbenzene	9.014	91	637456	47.75	ug/L	100
53) m,p-Xylene	9.143	106	241816	49.60	ug/L	93
54) o-xylene	9.545	106	231078	48.96	ug/L	94
55) Styrene	9.564	104	421765	51.18	ug/L	94
56) Isopropylbenzene	9.934	105	626295	49.05	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	229218	56.16	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	176013	47.09	ug/L	99
61) Bromoform	9.735	173	97292	48.60	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	297838	46.43	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	304340	45.46	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	296817	46.49	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.432	75	47947	49.73	ug/L	90
67) 1,3,5-Trichlorobenzene	12.651	180	211502	46.30	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	185330	46.73	ug/L	97
69) Naphthalene	13.509	128	614127	47.63	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	190535	48.47	ug/L	98

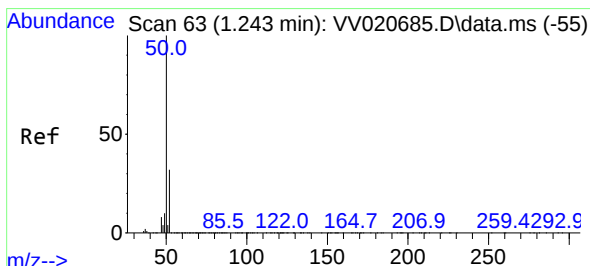
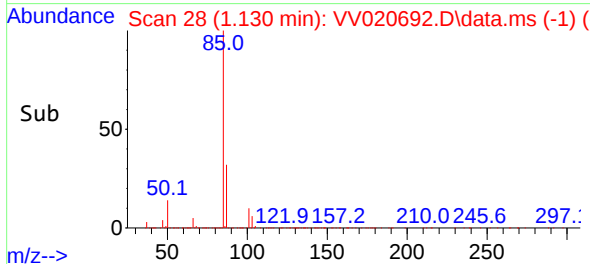
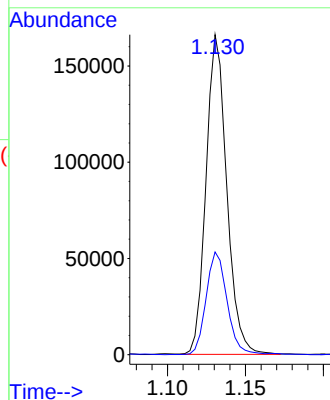
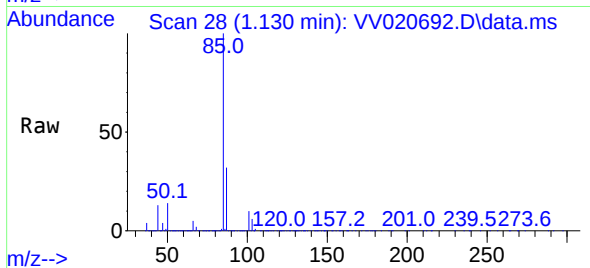
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 48.60 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

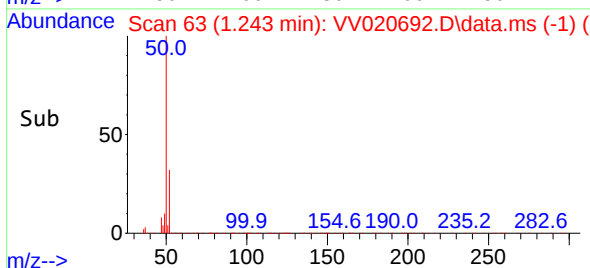
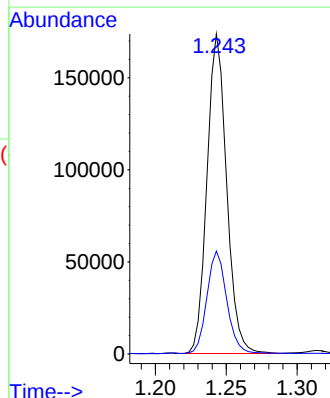
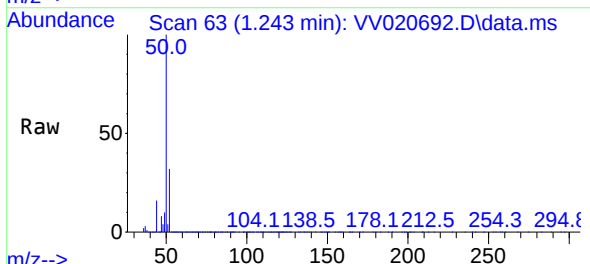
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MSVOA_V
ClientSampled :

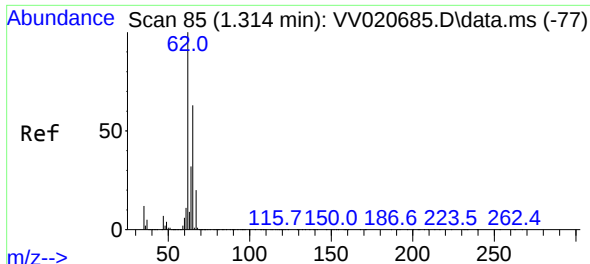
Tgt Ion: 85 Resp: 153552
Ion Ratio Lower Upper
85 100
87 32.2 25.9 38.9



#3
Chloromethane
Concen: 45.84 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 50 Resp: 167559
Ion Ratio Lower Upper
50 100
52 32.1 22.7 42.1

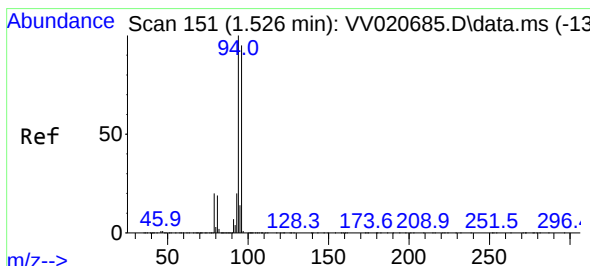
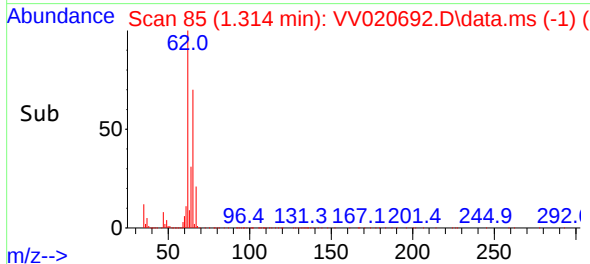
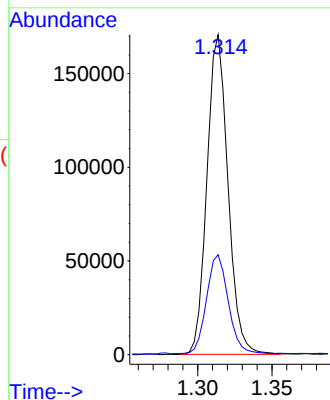
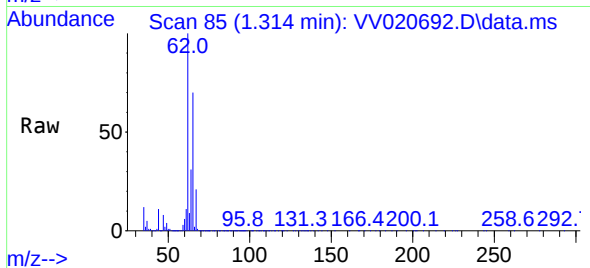




#5
 Vinyl chloride
 Concen: 45.83 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020692.D
 Acq: 19 Mar 2021 16:34

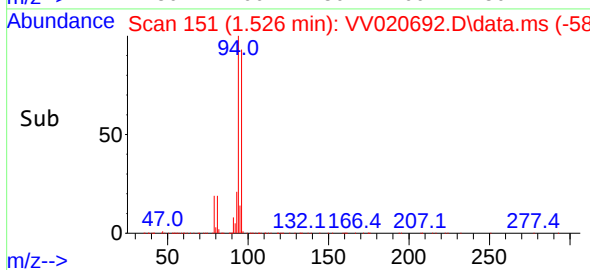
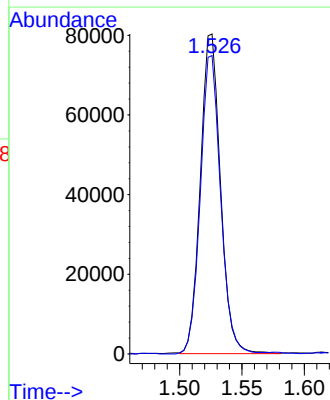
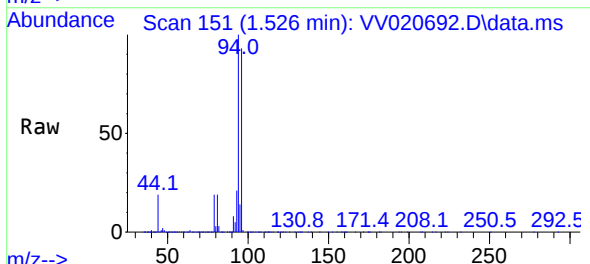
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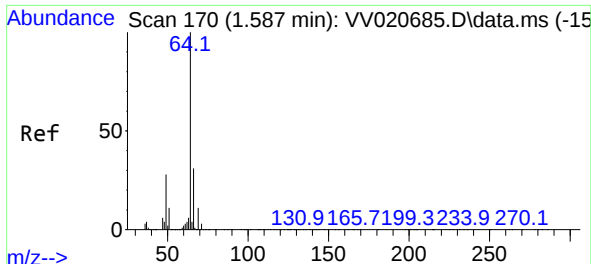
Tgt Ion: 62 Resp: 167930
 Ion Ratio Lower Upper
 62 100
 64 31.3 23.0 42.6



#6
 Bromomethane
 Concen: 41.89 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV020692.D
 Acq: 19 Mar 2021 16:34

Tgt Ion: 94 Resp: 90426
 Ion Ratio Lower Upper
 94 100
 96 93.2 63.6 118.2

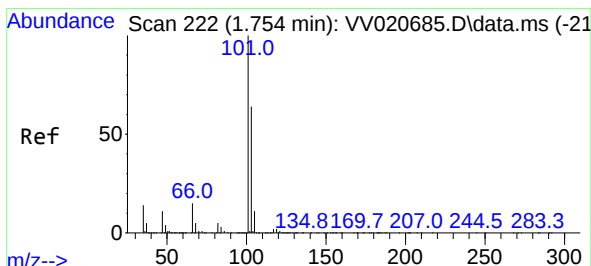
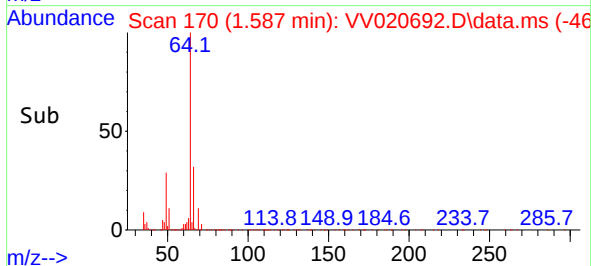
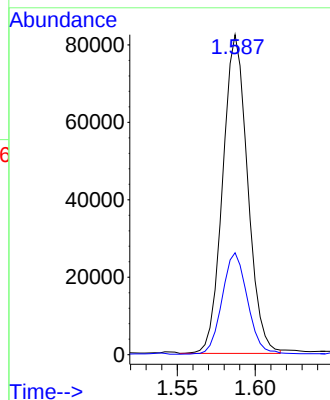
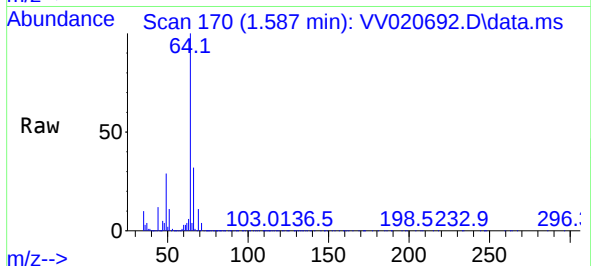




#8
Chloroethane
Concen: 41.12 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

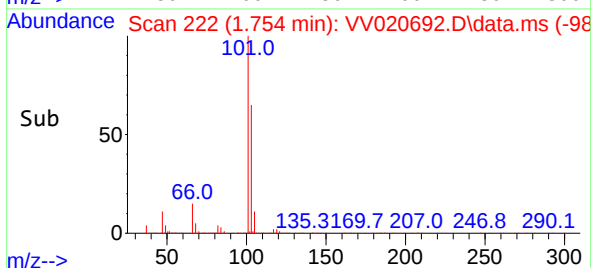
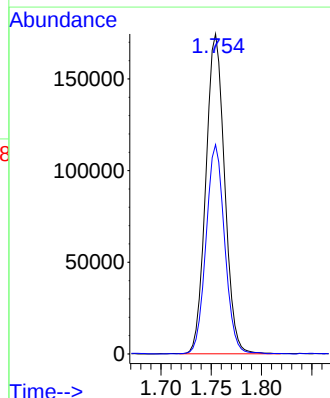
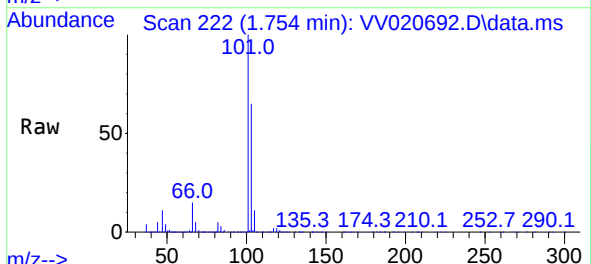
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ClientSampled :

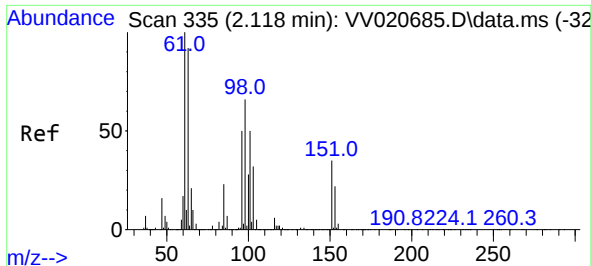
Tgt Ion: 64 Resp: 91428
Ion Ratio Lower Upper
64 100
66 31.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 46.36 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion:101 Resp: 226379
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

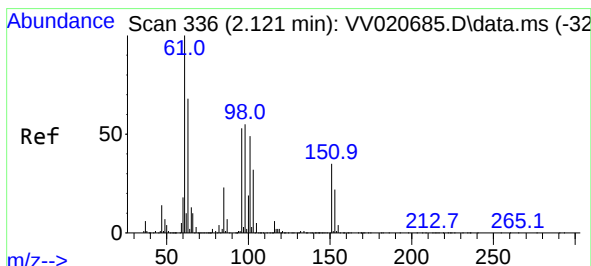
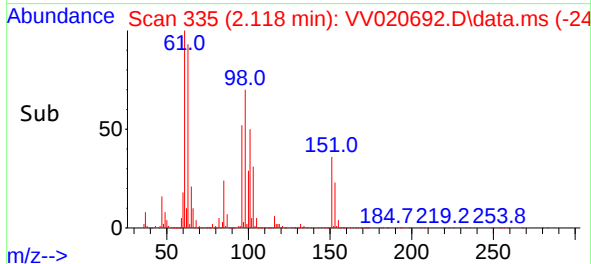
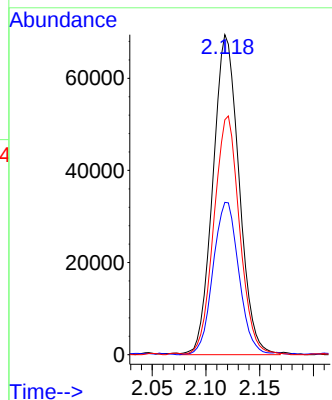
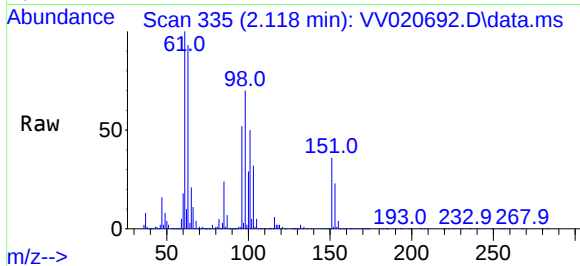




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 44.18 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

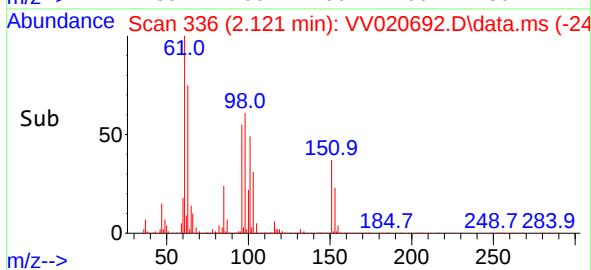
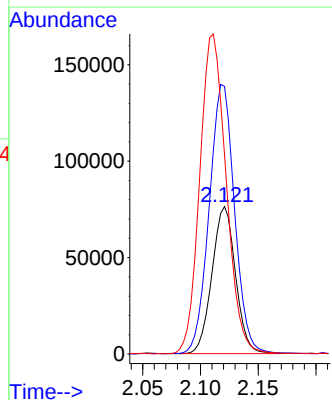
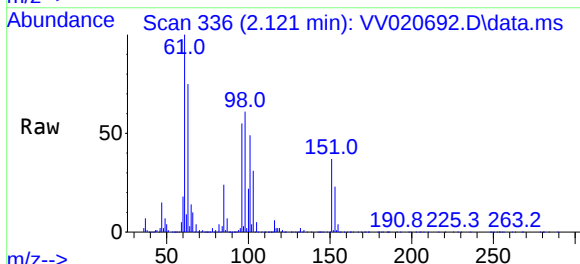
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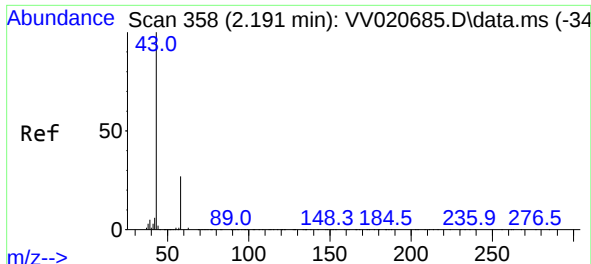
Tgt Ion:101 Resp: 117637
Ion Ratio Lower Upper
101 100
85 46.9 35.3 52.9
151 73.5 53.6 80.4



#12
1,1-Dichloroethene
Concen: 41.74 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 96 Resp: 107842
Ion Ratio Lower Upper
96 100
61 181.5 134.9 250.5
63 135.3 117.6 218.4

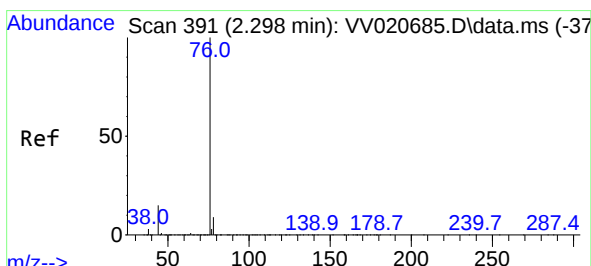
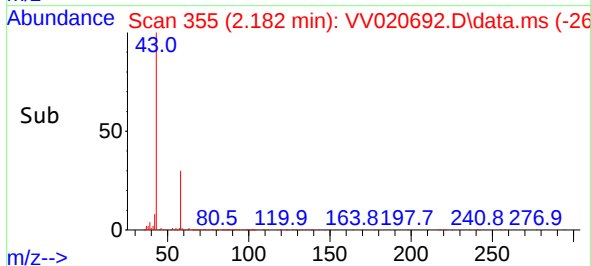
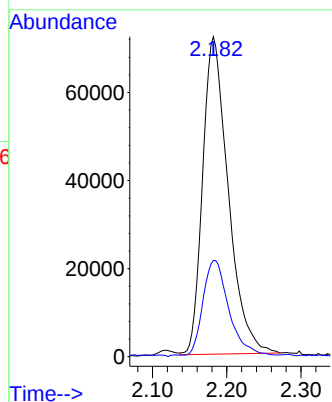
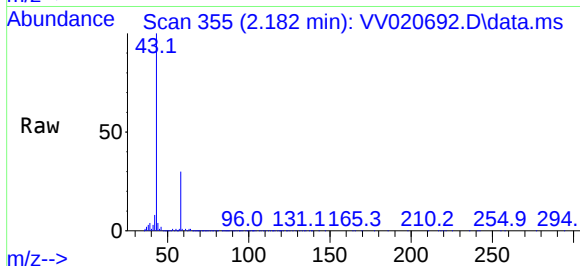




#13
Acetone
Concen: 106.61 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.010 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

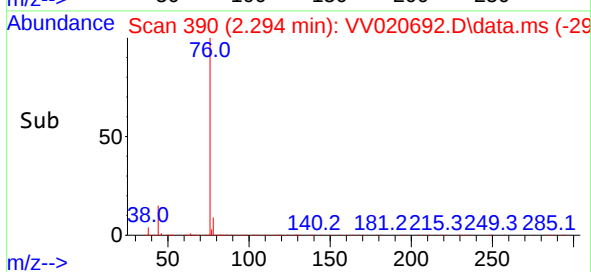
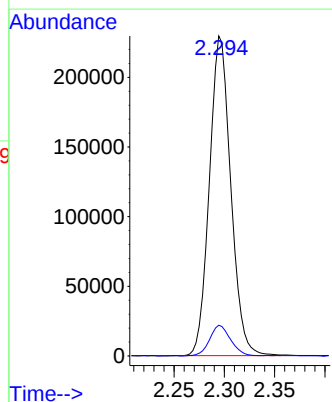
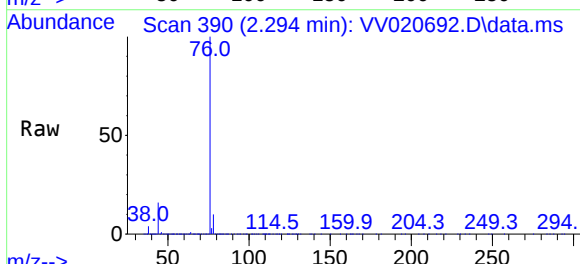
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MSVOA_V
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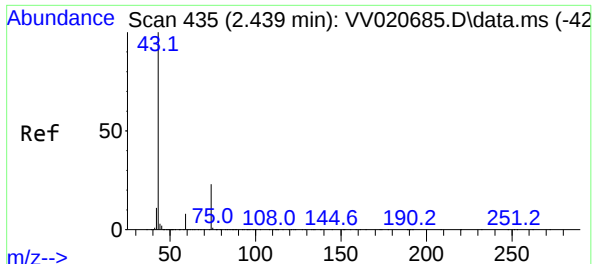
Tgt Ion: 43 Resp: 172532
Ion Ratio Lower Upper
43 100
58 31.3 0.0 60.2



#14
Carbon disulfide
Concen: 43.34 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 76 Resp: 339529
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

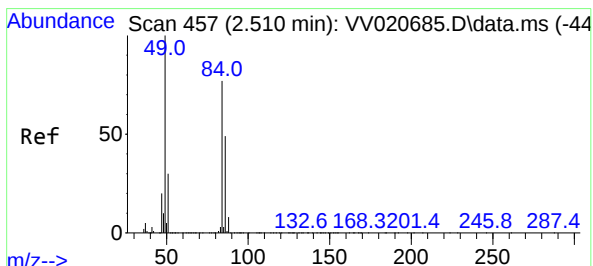
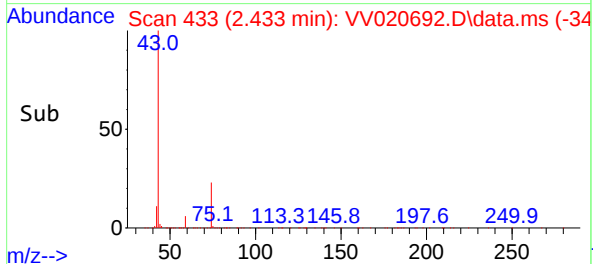
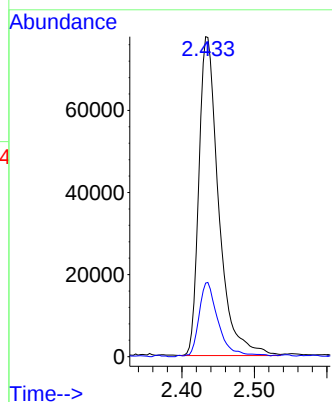
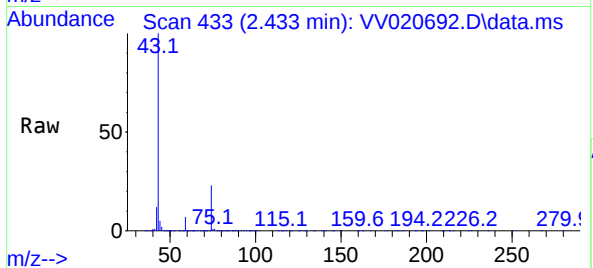




#15
Methyl Acetate
Concen: 47.55 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.006 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

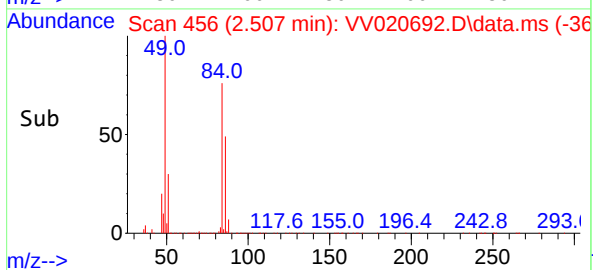
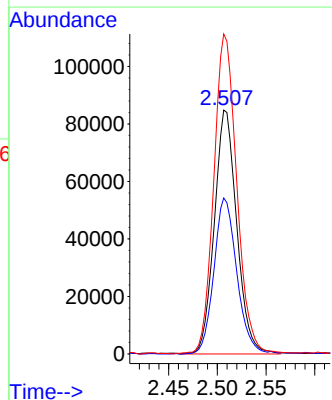
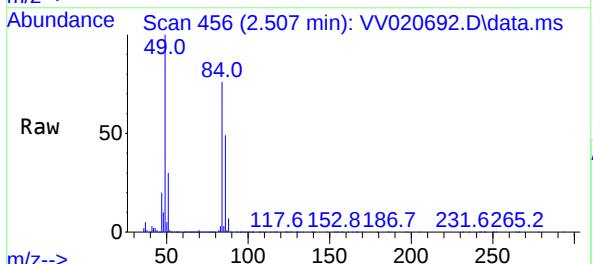
Instrument :
MSVOA_V
ClientSampleId :

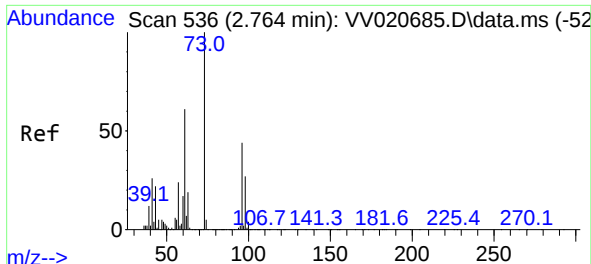
Tgt Ion: 43 Resp: 147384
Ion Ratio Lower Upper
43 100
74 21.5 17.6 26.4



#16
Methylene chloride
Concen: 45.46 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 84 Resp: 136094
Ion Ratio Lower Upper
84 100
86 64.0 44.6 82.8
49 131.2 94.6 175.8

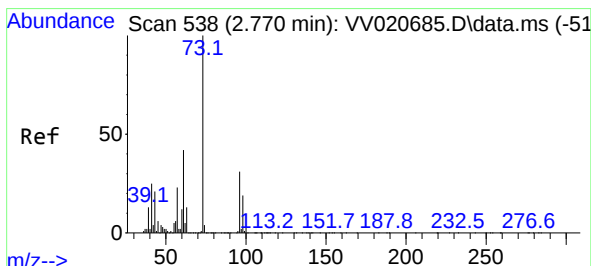
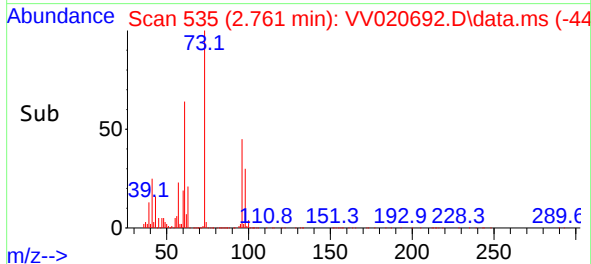
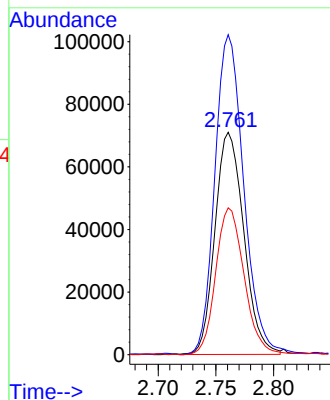
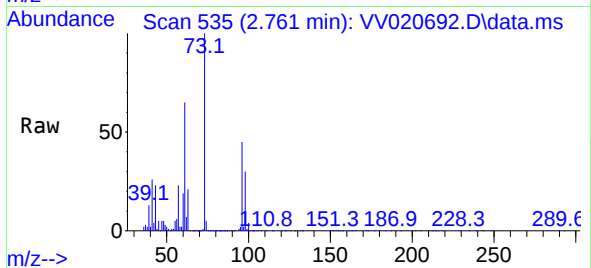




#17
trans-1,2-Dichloroethene
Concen: 44.73 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

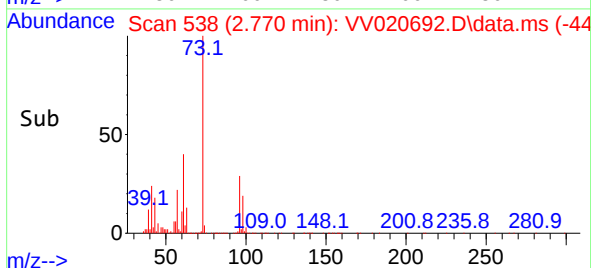
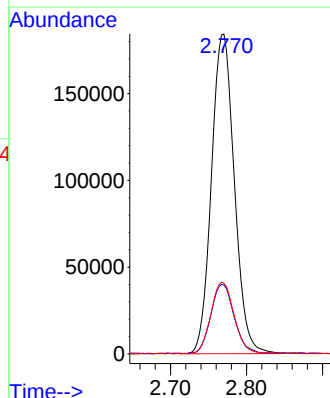
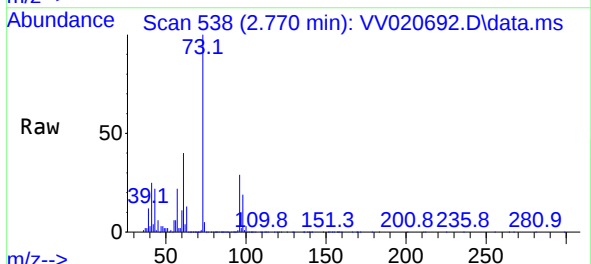
Instrument :
MSVOA_V
ClientSampleId :

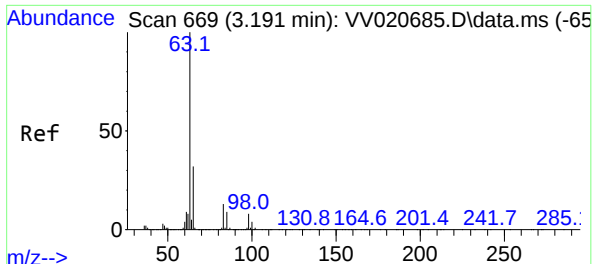
Tgt Ion: 96 Resp: 123447
Ion Ratio Lower Upper
96 100
61 143.9 103.1 191.5
98 66.0 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 45.83 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 73 Resp: 384652
Ion Ratio Lower Upper
73 100
43 21.8 17.3 25.9
57 22.6 17.9 26.9



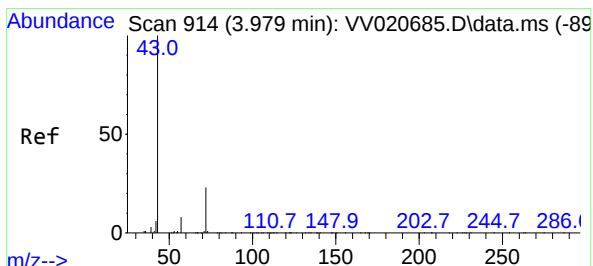
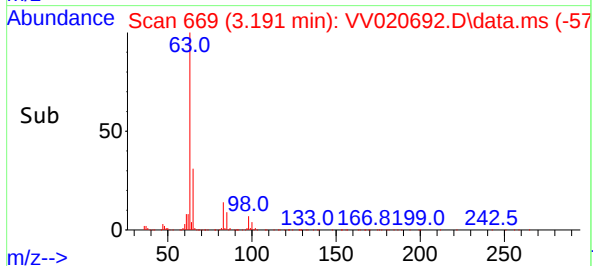
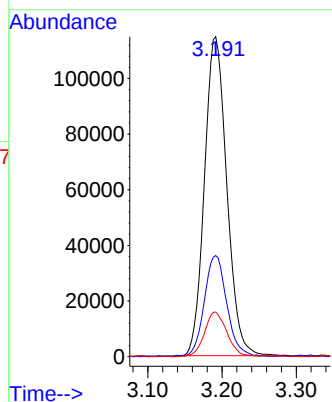
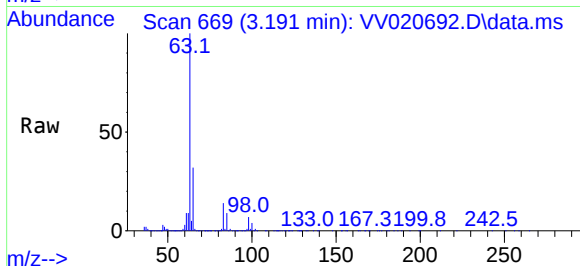


#19
1,1-Dichloroethane
Concen: 45.45 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 63 Resp: 239320

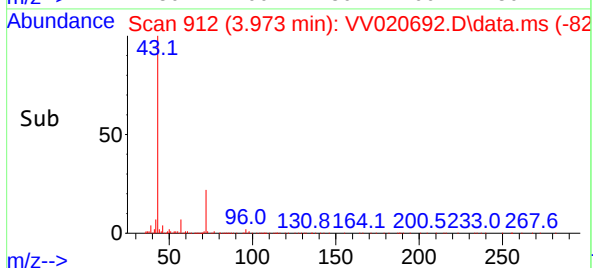
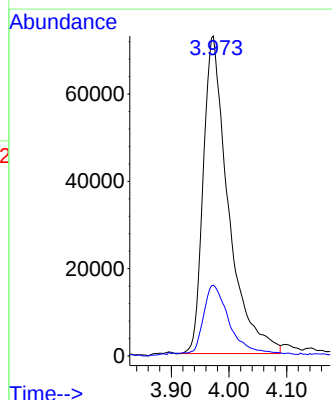
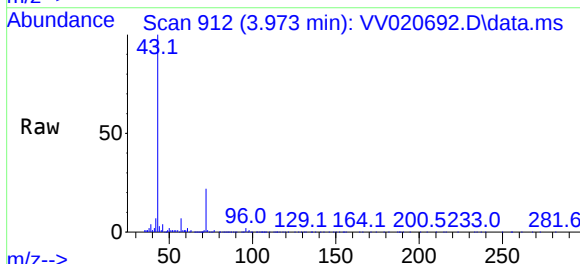
Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.9	40.7
83	13.9	9.5	17.7

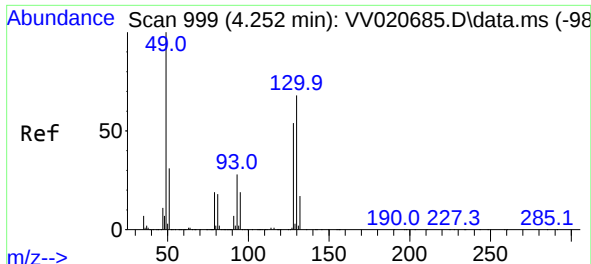


#22
2-Butanone
Concen: 98.17 ug/L
RT: 3.973 min Scan# 912
Delta R.T. -0.006 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 43 Resp: 219747

Ion	Ratio	Lower	Upper
43	100		
72	20.8	12.2	36.6



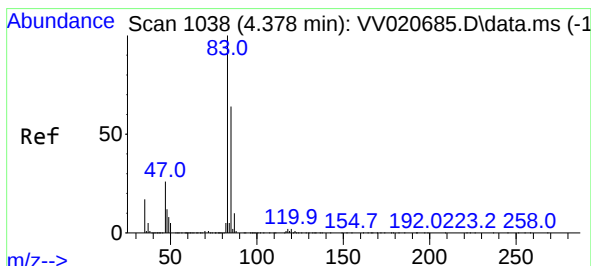
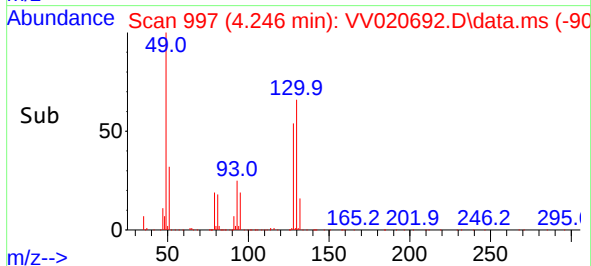
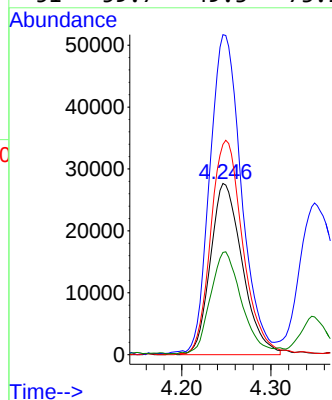
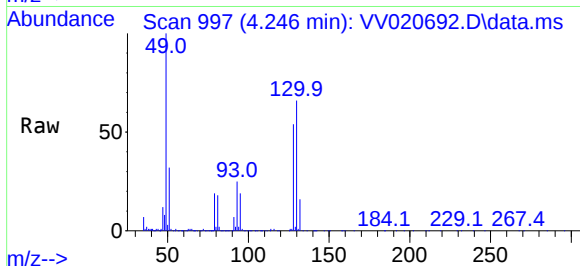


#23
Bromochloromethane
Concen: 48.32 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.006 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 68688

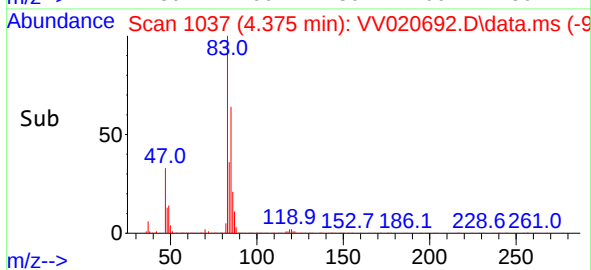
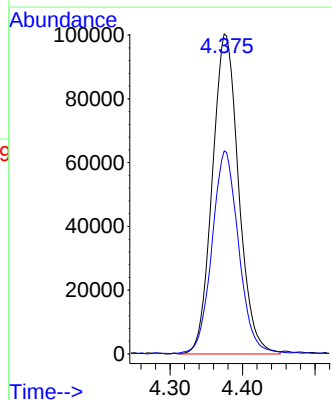
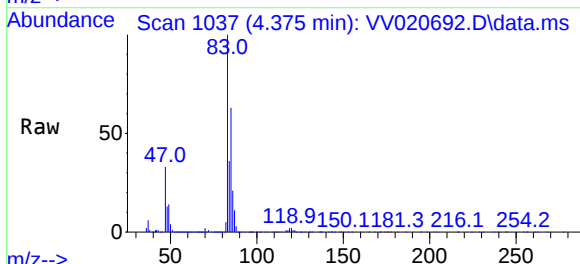
Ion	Ratio	Lower	Upper
128	100		
49	186.9	133.1	247.1
130	122.8	89.0	165.4
51	59.7	49.3	73.9

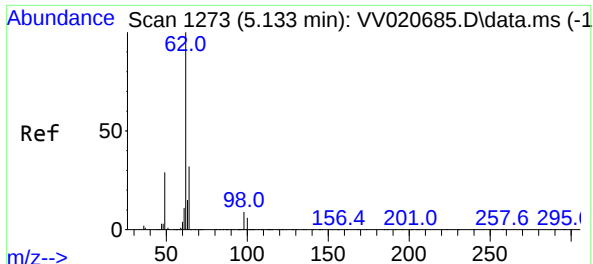


#25
Chloroform
Concen: 45.98 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 83 Resp: 252880

Ion	Ratio	Lower	Upper
83	100		
85	63.5	44.2	82.2

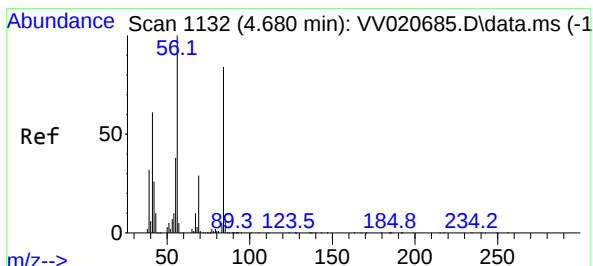
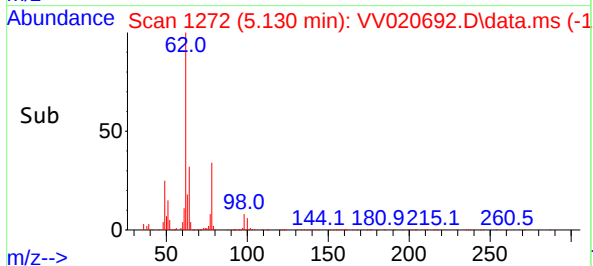
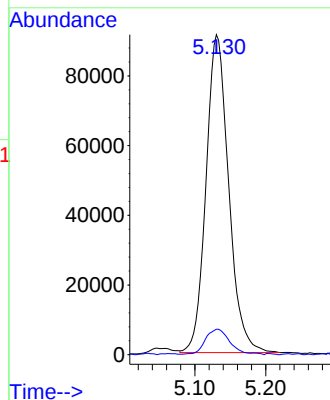
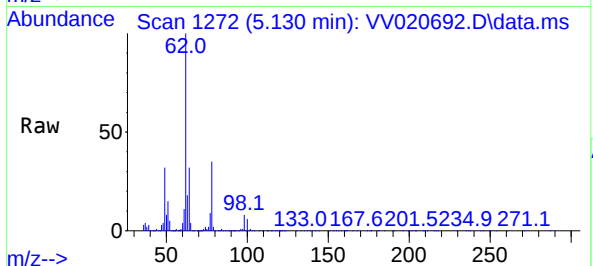




#27
1,2-Dichloroethane
Concen: 46.66 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

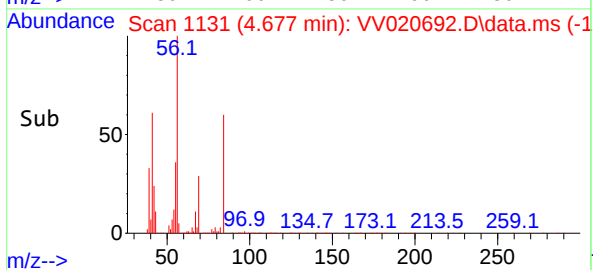
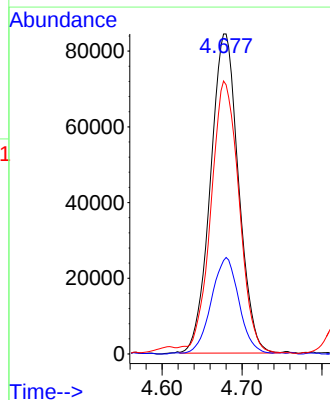
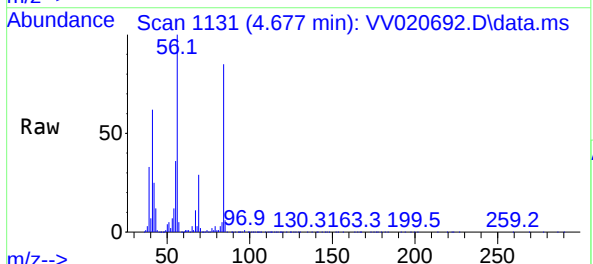
Instrument :
MSVOA_V
ClientSampleId :

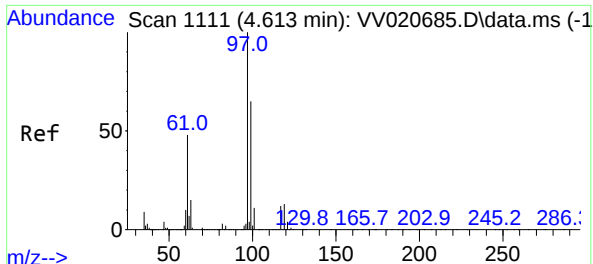
Tgt Ion: 62 Resp: 202732
Ion Ratio Lower Upper
62 100
98 8.0 6.9 10.3



#29
Cyclohexane
Concen: 44.86 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 56 Resp: 205690
Ion Ratio Lower Upper
56 100
69 29.4 24.2 36.2
84 84.9 66.3 99.5



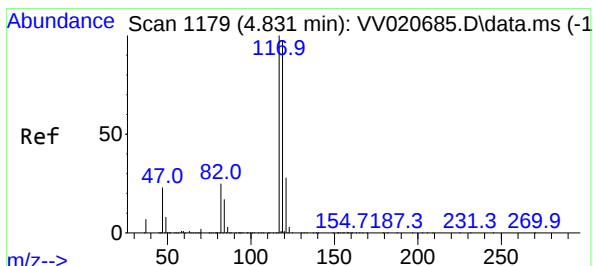
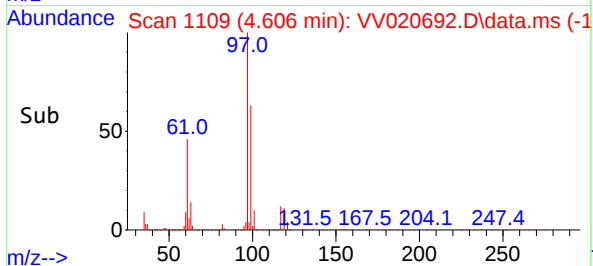
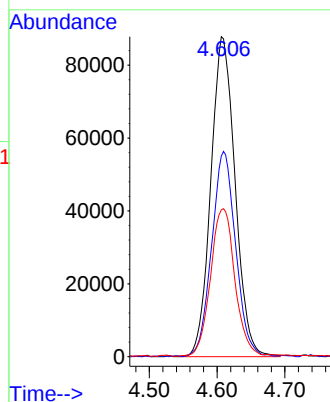
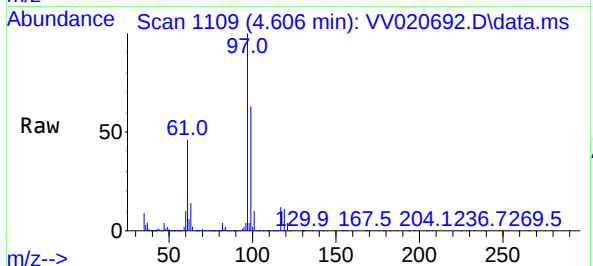


#30
1,1,1-Trichloroethane
Concen: 48.26 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 218351

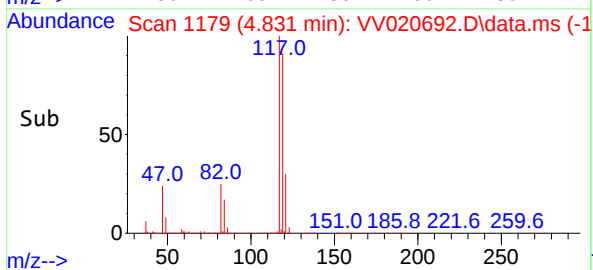
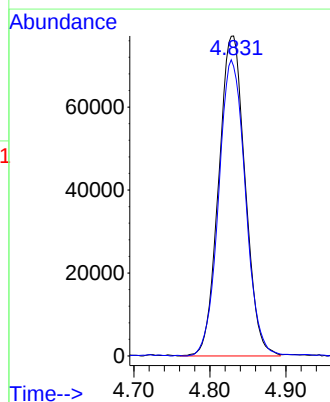
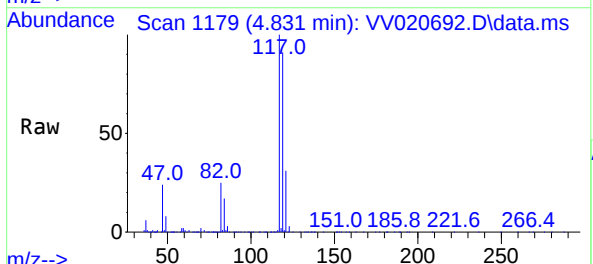
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.2	76.8
61	46.2	38.5	57.7

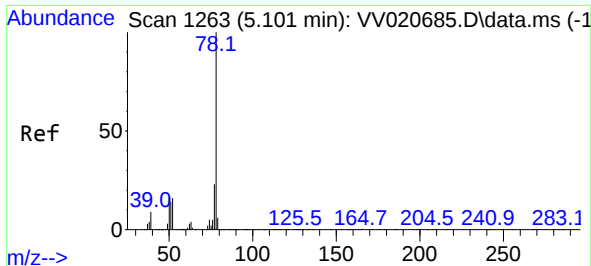


#31
Carbon tetrachloride
Concen: 50.69 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 117 Resp: 186356

Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.3	114.5

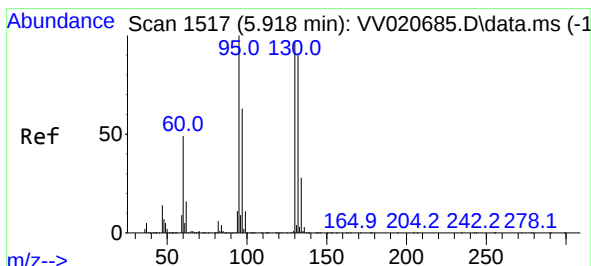
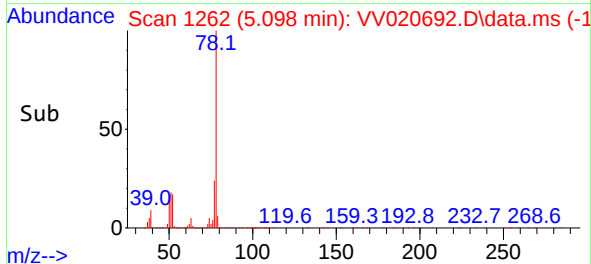
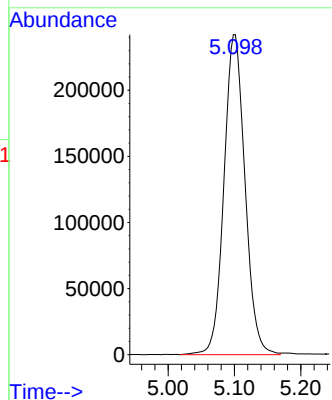
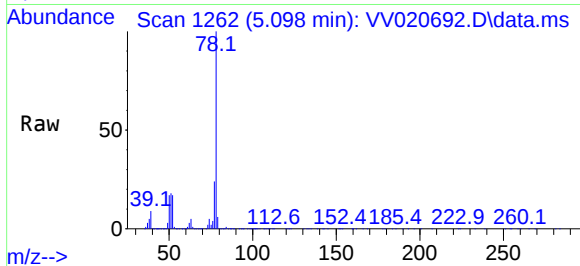




#33
Benzene
Concen: 47.31 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Instrument :
MSVOA_V
ClientSampled :

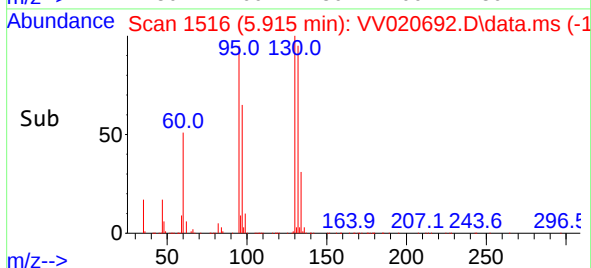
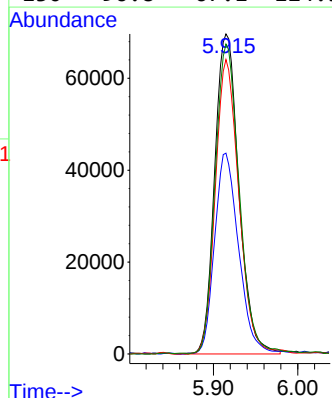
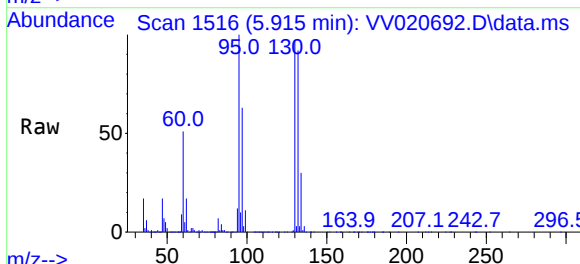
Tgt Ion: 78 Resp: 534456

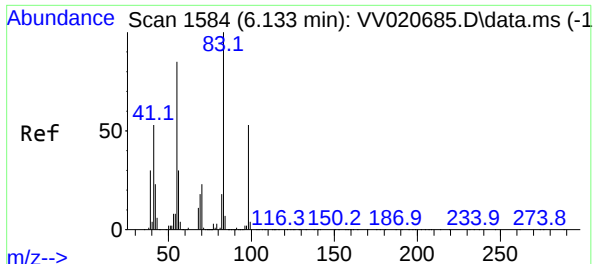


#34
Trichloroethene
Concen: 43.41 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 95 Resp: 138357

Ion	Ratio	Lower	Upper
95	100		
97	62.7	44.5	82.7
132	92.0	63.4	117.8
130	96.8	67.1	124.5

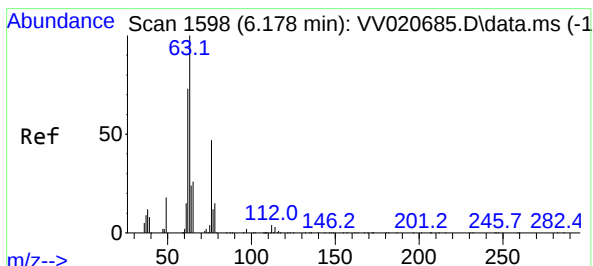
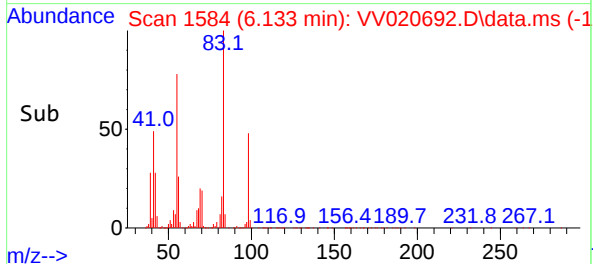
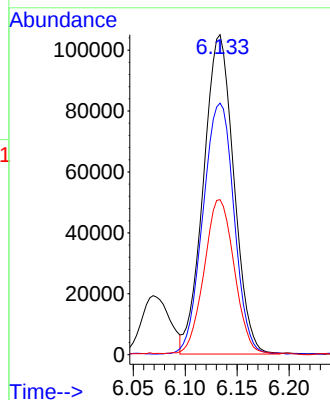
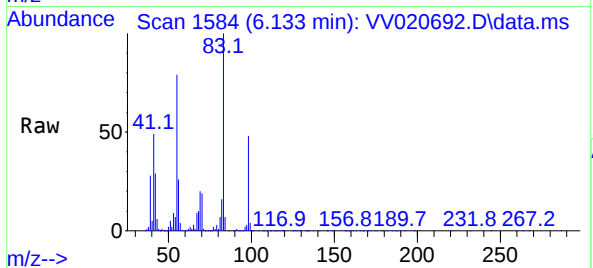




#35
Methylcyclohexane
Concen: 48.65 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

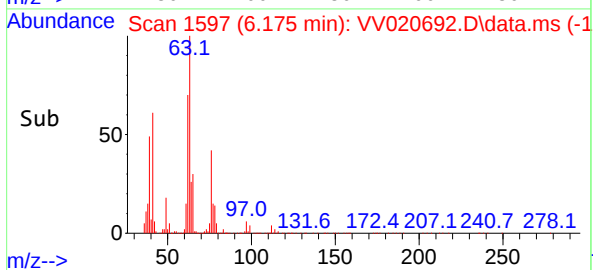
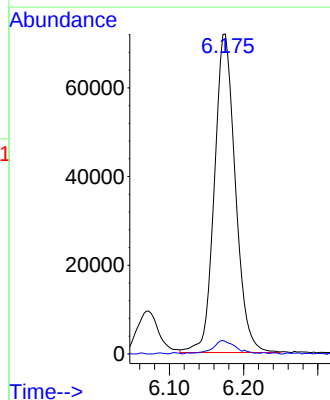
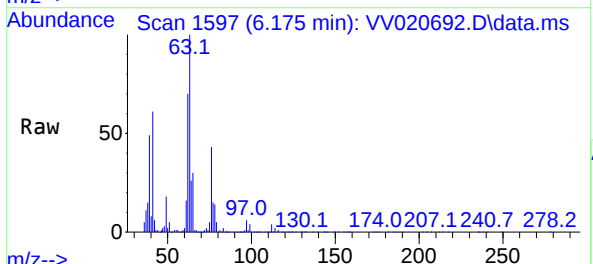
Instrument :
MSVOA_V
ClientSampleId :

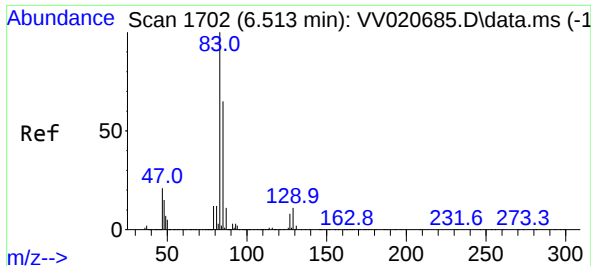
Tgt Ion: 83 Resp: 213109
Ion Ratio Lower Upper
83 100
55 80.7 65.1 97.7
98 48.2 38.2 57.2



#37
1,2-Dichloropropane
Concen: 47.82 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 63 Resp: 141046
Ion Ratio Lower Upper
63 100
112 3.6 3.3 4.9



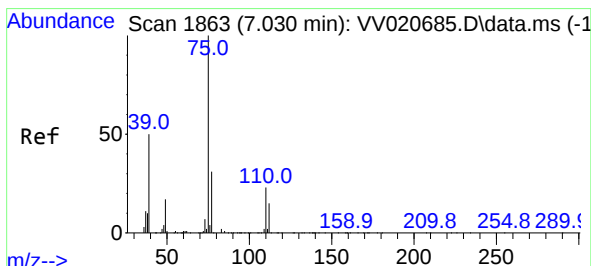
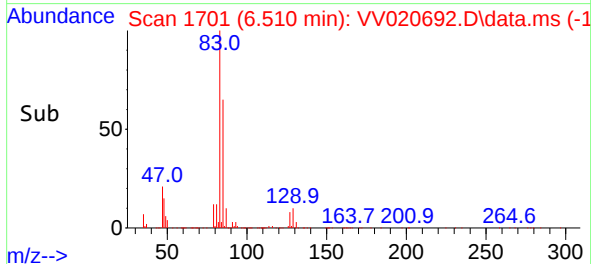
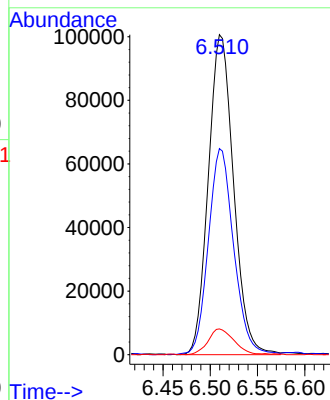
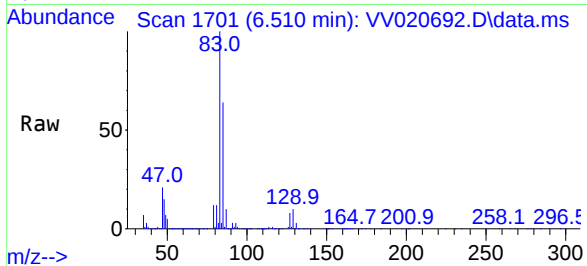


#38
Bromodichloromethane
Concen: 48.18 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 187111

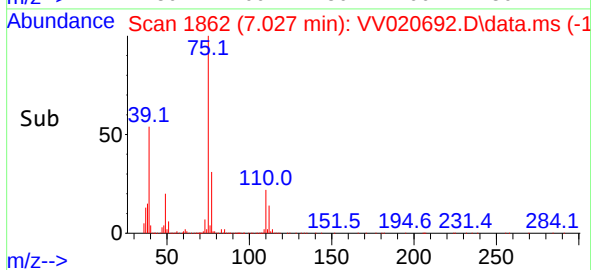
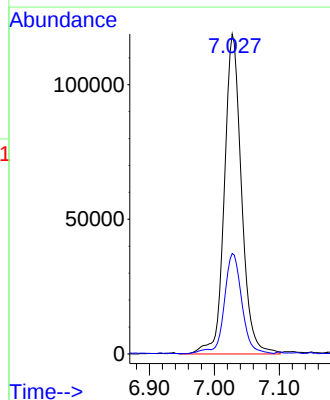
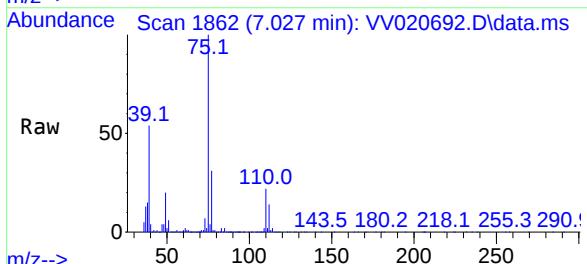
Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.5	82.7
127	8.1	6.3	9.5

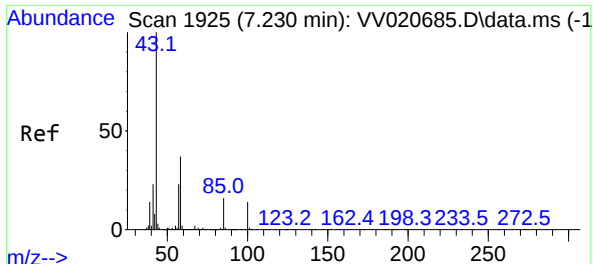


#39
cis-1,3-Dichloropropene
Concen: 49.70 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 75 Resp: 217443

Ion	Ratio	Lower	Upper
75	100		
77	31.4	21.8	40.6

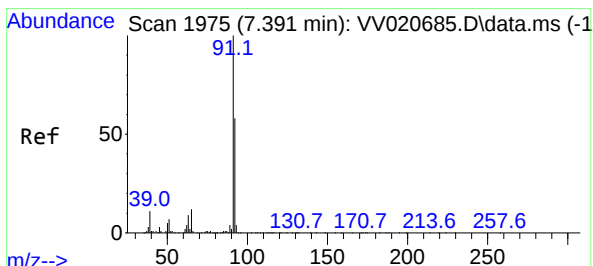
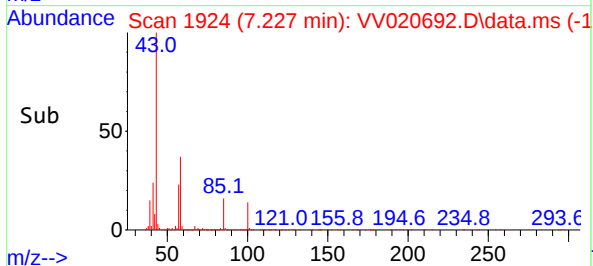
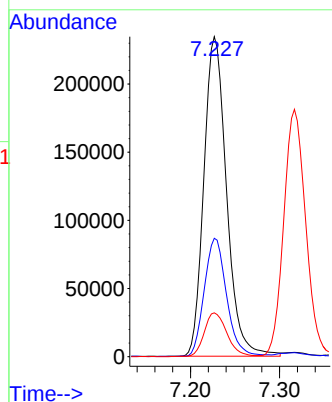
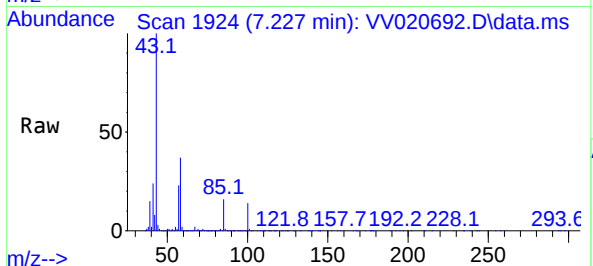




#40
4-Methyl-2-pentanone
Concen: 93.61 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

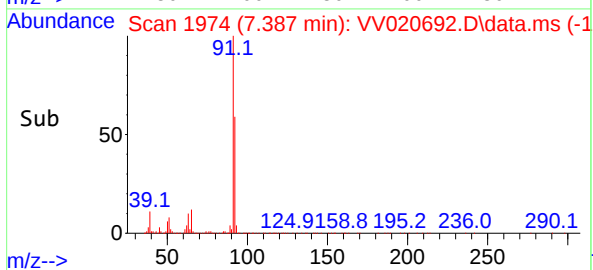
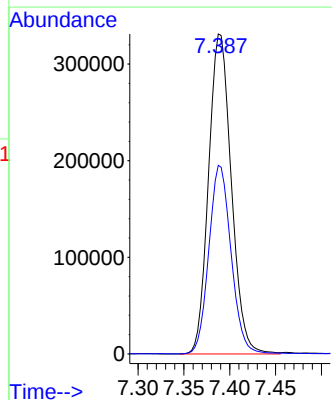
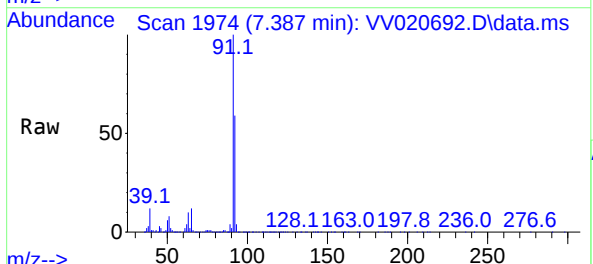
Instrument :
MSVOA_V
ClientSampled :

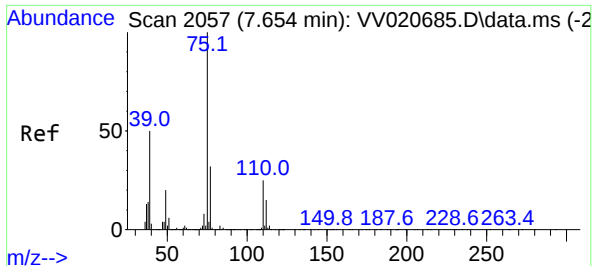
Tgt Ion: 43 Resp: 415247
Ion Ratio Lower Upper
43 100
58 36.5 30.7 46.1
100 13.6 11.6 17.4



#42
Toluene
Concen: 48.50 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 91 Resp: 571967
Ion Ratio Lower Upper
91 100
92 58.9 40.7 75.7

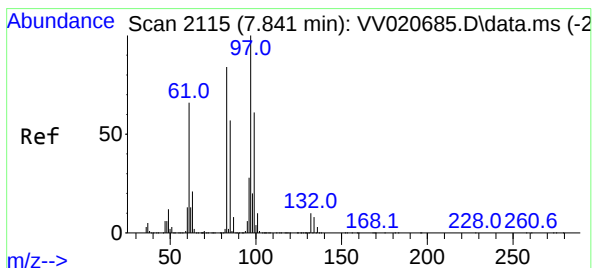
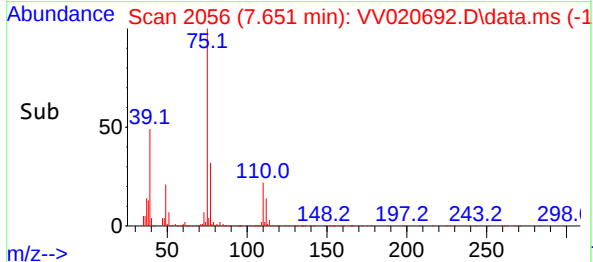
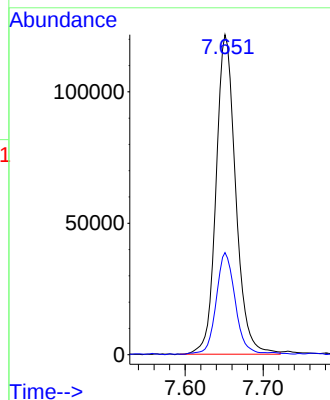
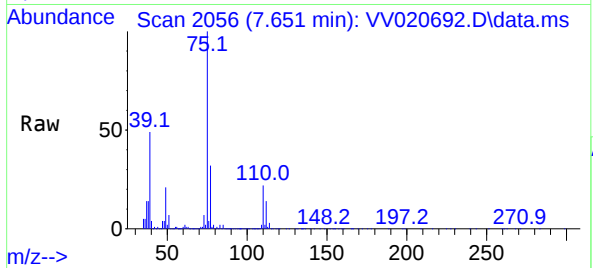




#44
trans-1,3-Dichloropropene
Concen: 49.47 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

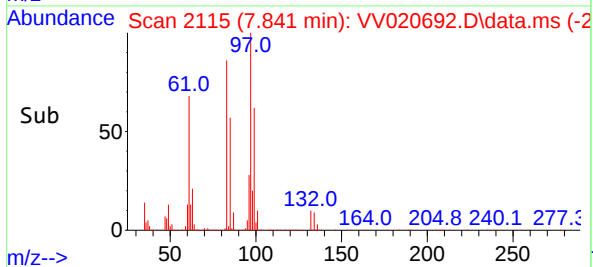
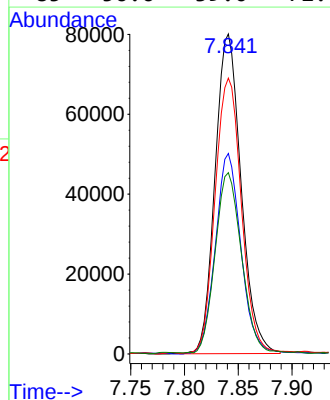
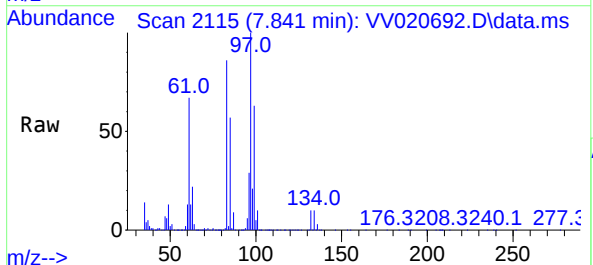
Instrument :
MSVOA_V
ClientSampleId :

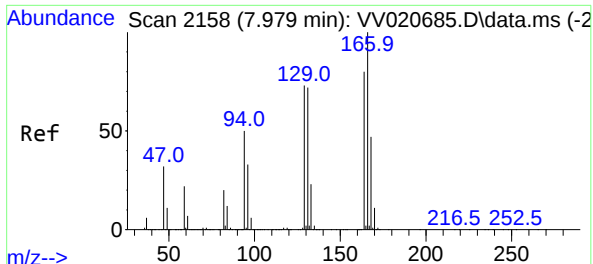
Tgt Ion: 75 Resp: 212743
Ion Ratio Lower Upper
75 100
77 31.9 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 48.95 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 97 Resp: 134519
Ion Ratio Lower Upper
97 100
99 62.7 43.8 81.3
83 86.2 62.2 115.4
85 56.6 39.0 72.4



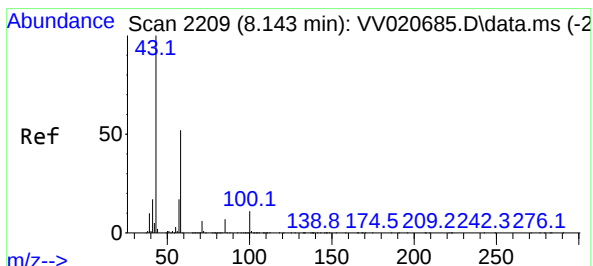
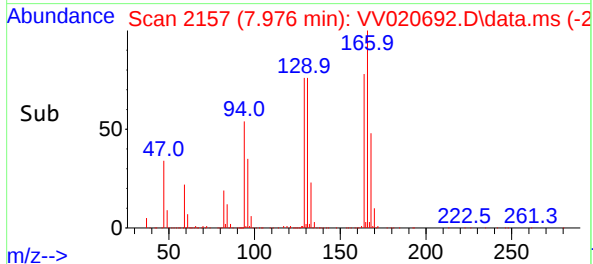
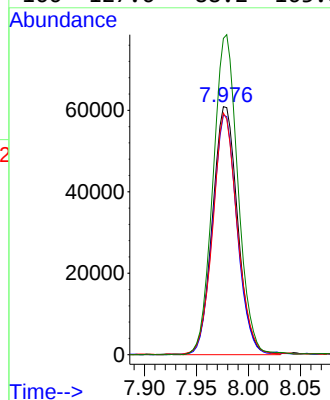
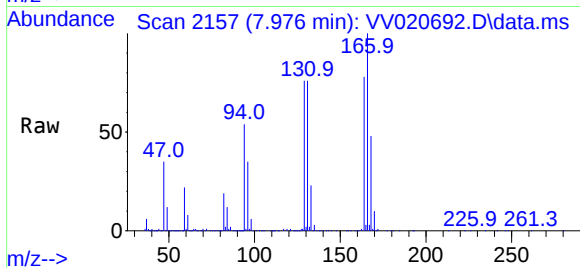


#46
Tetrachloroethene
Concen: 50.17 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 102586

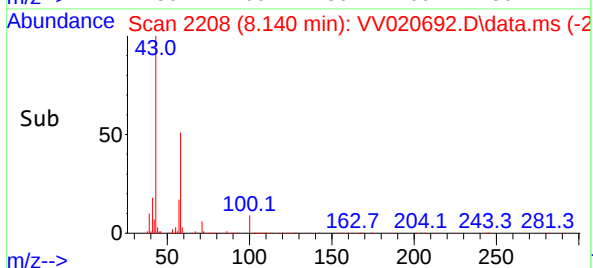
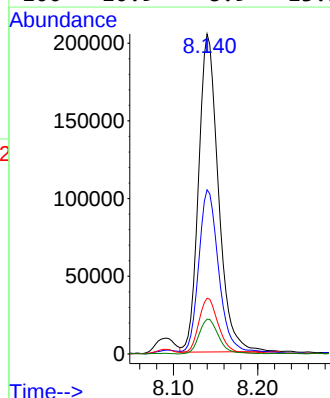
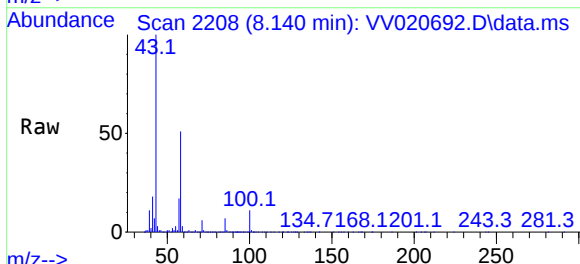
Ion	Ratio	Lower	Upper
164	100		
129	96.6	70.6	131.0
131	97.5	66.8	124.0
166	127.6	88.2	163.8

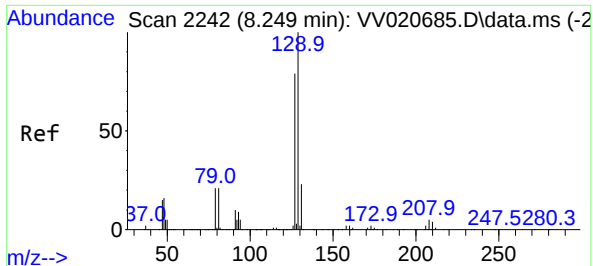


#48
2-Hexanone
Concen: 96.74 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 43 Resp: 335165

Ion	Ratio	Lower	Upper
43	100		
58	52.9	41.8	62.6
57	17.2	15.0	22.4
100	10.9	8.9	13.3





#49

Dibromochloromethane

Concen: 49.46 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VV020692.D

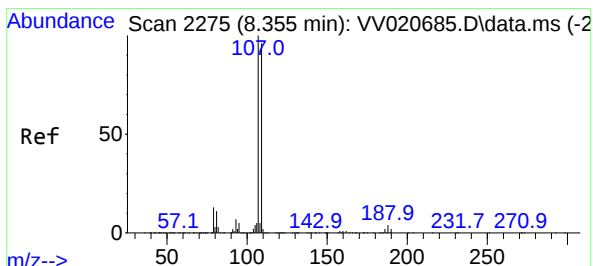
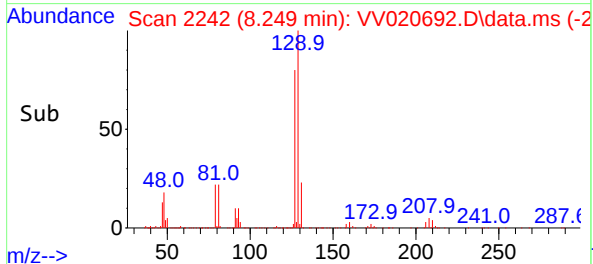
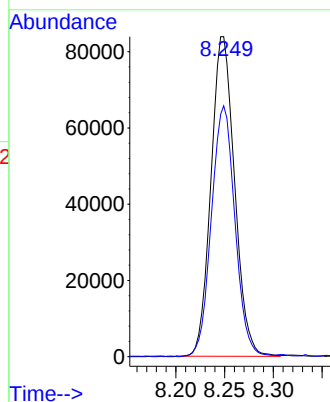
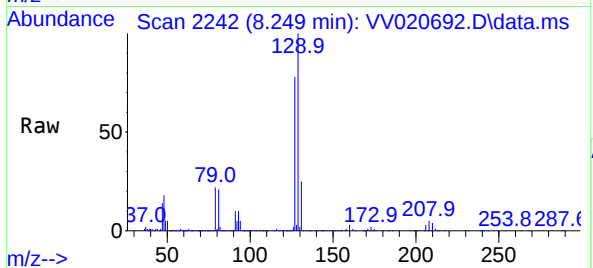
Acq: 19 Mar 2021 16:34

Tgt Ion:129 Resp: 141540

Ion Ratio Lower Upper

129 100

127 78.4 55.2 102.6



#50

1,2-Dibromoethane

Concen: 47.64 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.000 min

Lab File: VV020692.D

Acq: 19 Mar 2021 16:34

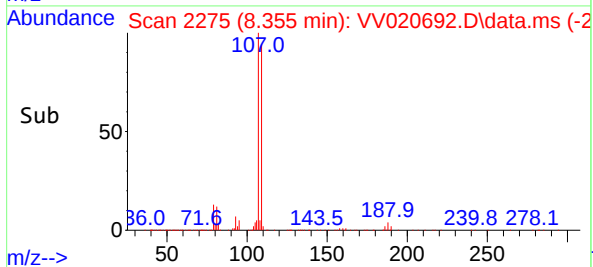
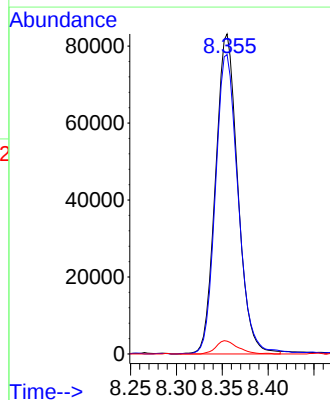
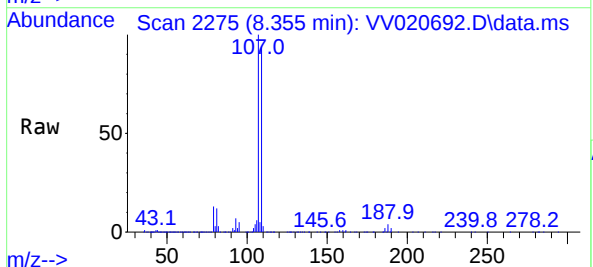
Tgt Ion:107 Resp: 140219

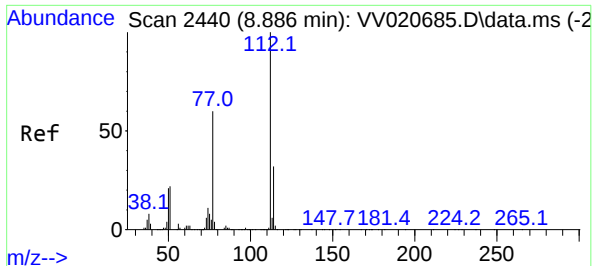
Ion Ratio Lower Upper

107 100

109 93.5 66.2 123.0

188 4.0 2.6 3.8#

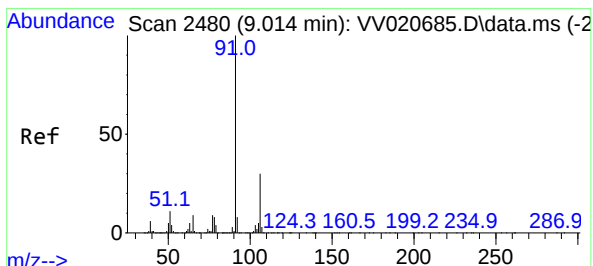
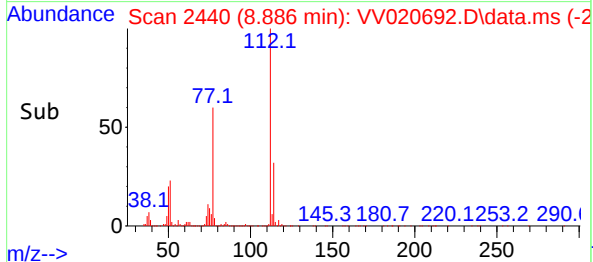
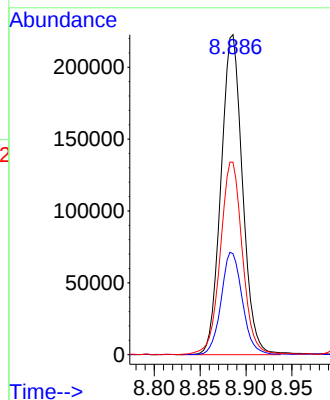
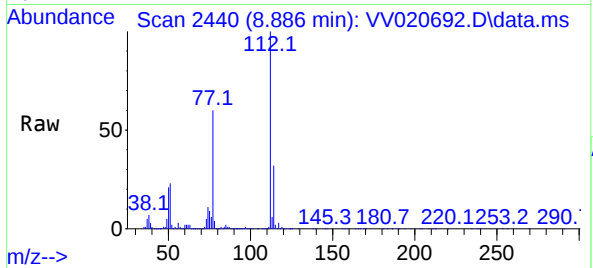




#51
Chlorobenzene
Concen: 47.57 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

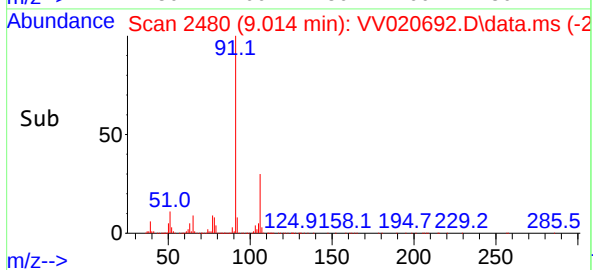
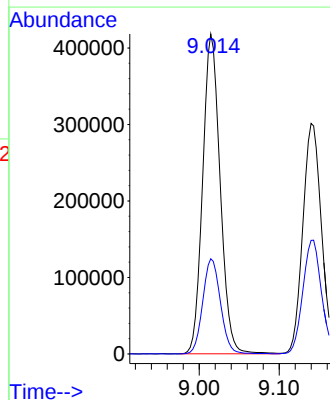
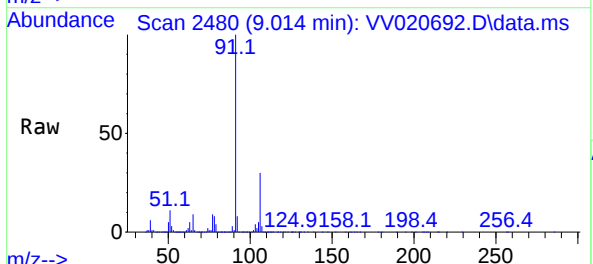
Instrument :
MSVOA_V
ClientSampleId :

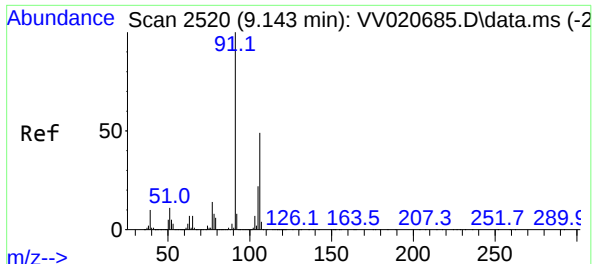
Tgt Ion:112 Resp: 362807
Ion Ratio Lower Upper
112 100
114 31.6 22.2 41.2
77 60.2 49.0 73.6



#52
Ethylbenzene
Concen: 47.75 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 91 Resp: 637456
Ion Ratio Lower Upper
91 100
106 29.7 21.0 39.0

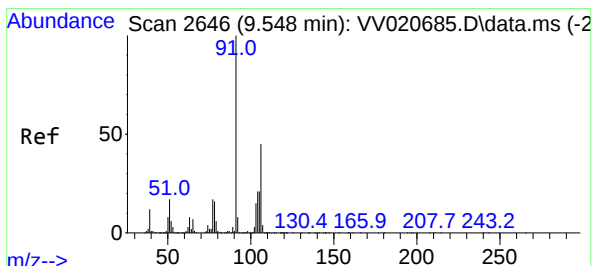
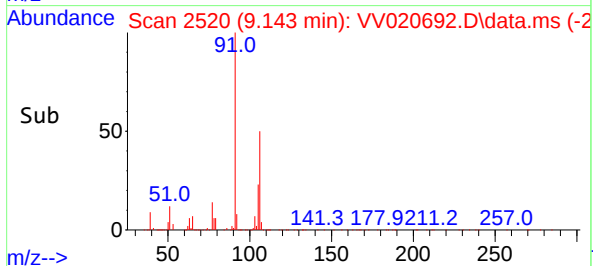
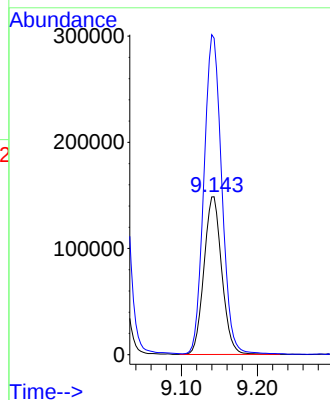
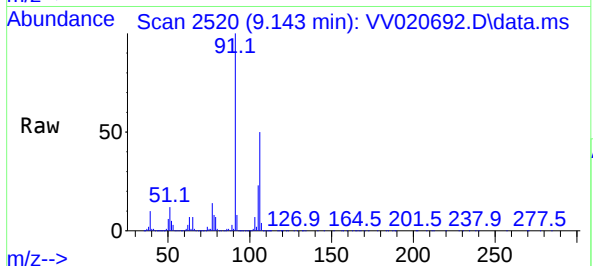




#53
m,p-Xylene
Concen: 49.60 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

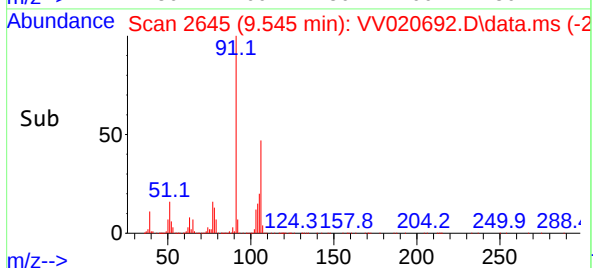
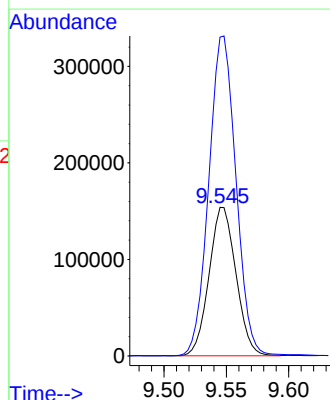
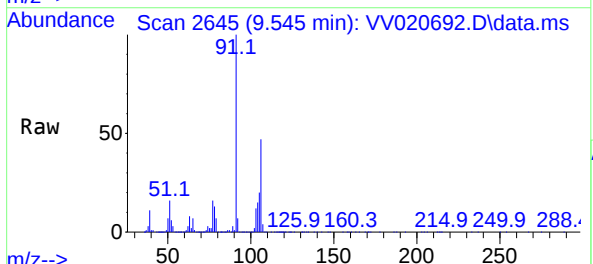
Instrument :
MSVOA_V
ClientSampled :

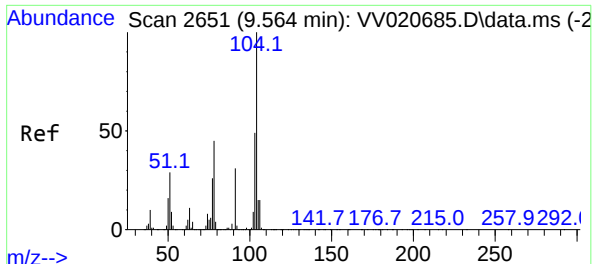
Tgt Ion:106 Resp: 241816
Ion Ratio Lower Upper
106 100
91 200.5 148.1 275.0



#54
o-xylene
Concen: 48.96 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion:106 Resp: 231078
Ion Ratio Lower Upper
106 100
91 214.5 156.4 290.6

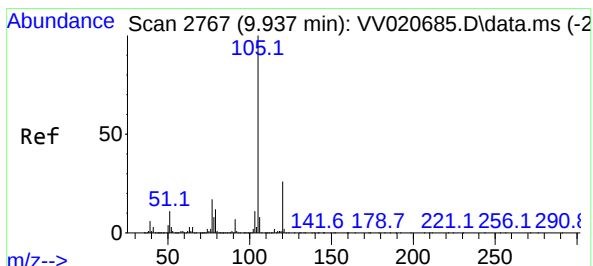
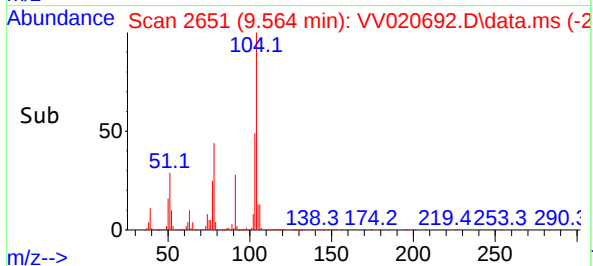
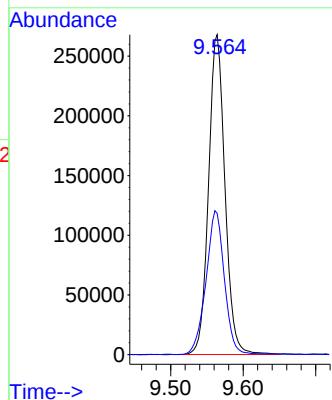
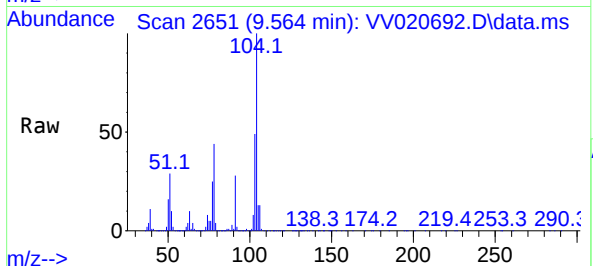




#55
Styrene
Concen: 51.18 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

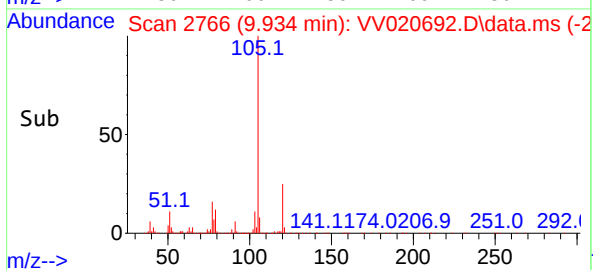
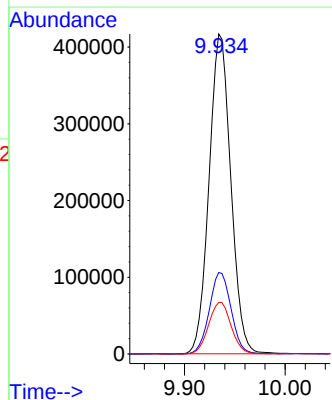
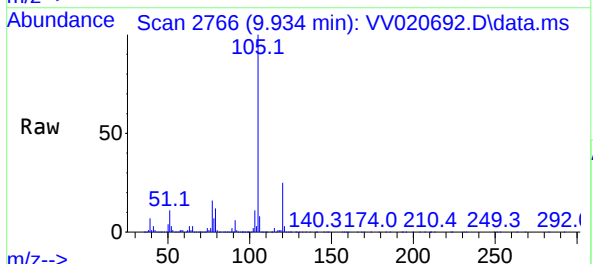
Instrument :
MSVOA_V
ClientSampled :

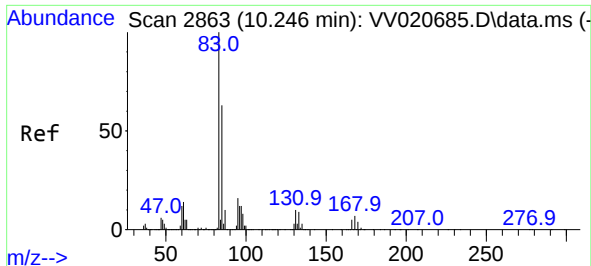
Tgt Ion:104 Resp: 421765
Ion Ratio Lower Upper
104 100
78 44.2 33.7 62.5



#56
Isopropylbenzene
Concen: 49.05 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion:105 Resp: 626295
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.7 13.6 20.4

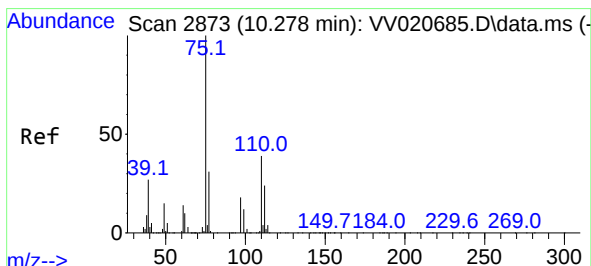
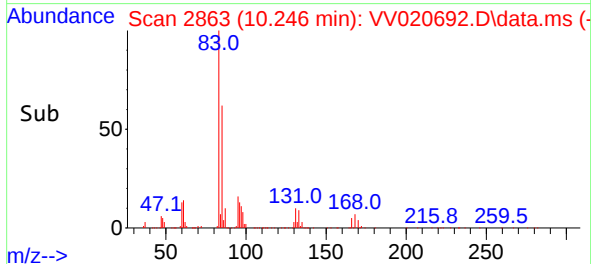
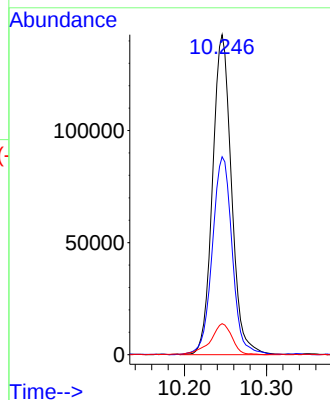
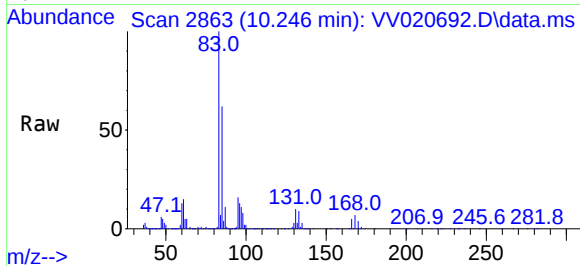




#58
1,1,2,2-Tetrachloroethane
Concen: 56.16 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

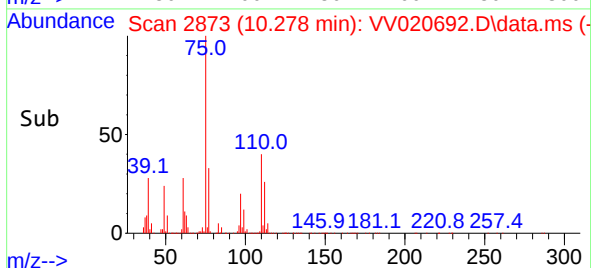
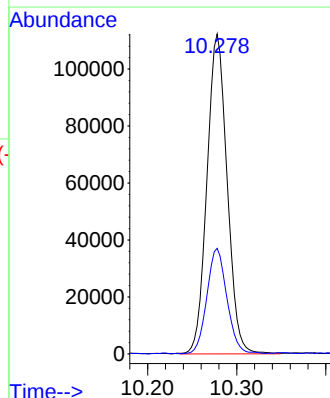
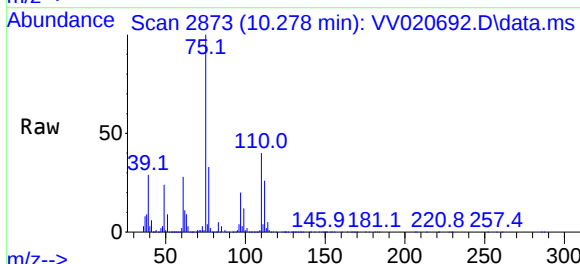
Instrument :
MSVOA_V
ClientSampled :

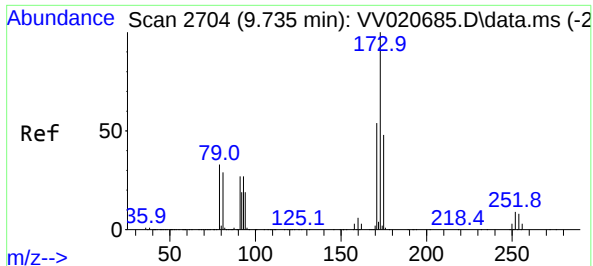
Tgt Ion: 83 Resp: 229218
Ion Ratio Lower Upper
83 100
85 61.9 44.3 82.3
131 9.7 7.3 10.9



#59
1,2,3-Trichloropropane
Concen: 47.09 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion: 75 Resp: 176013
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0

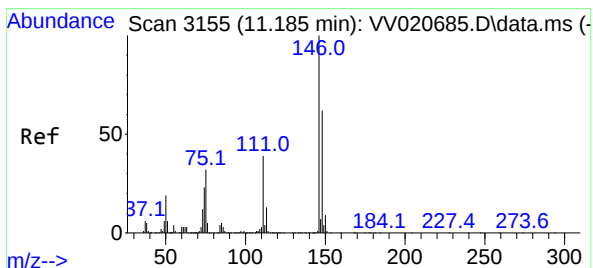
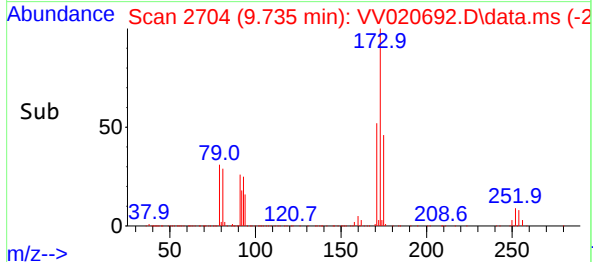
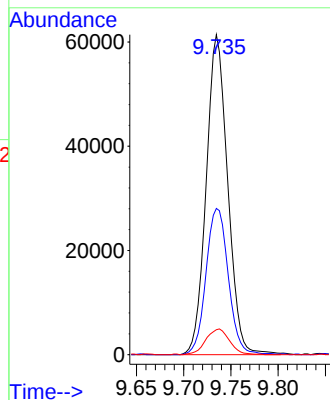
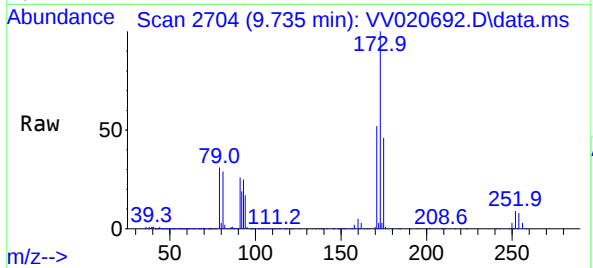




#61
Bromoform
Concen: 48.60 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

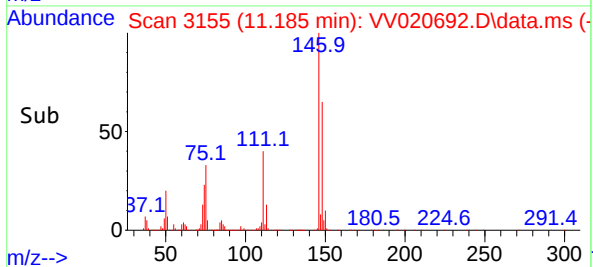
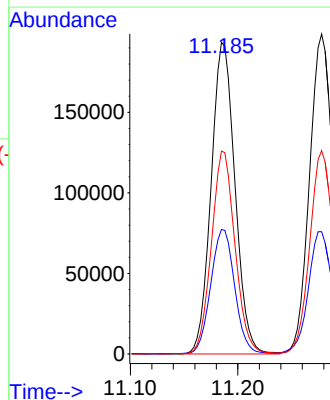
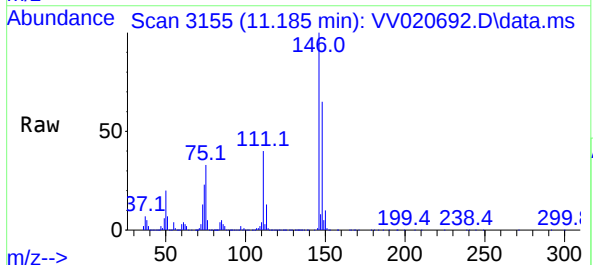
Instrument :
MSVOA_V
ClientSampled :

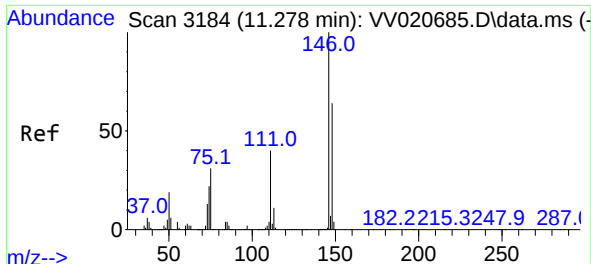
Tgt Ion:173 Resp: 97292
Ion Ratio Lower Upper
173 100
175 47.5 38.6 57.8
254 8.9 6.5 9.7



#62
1,3-Dichlorobenzene
Concen: 46.43 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion:146 Resp: 297838
Ion Ratio Lower Upper
146 100
111 39.9 30.2 56.2
148 65.1 45.0 83.6

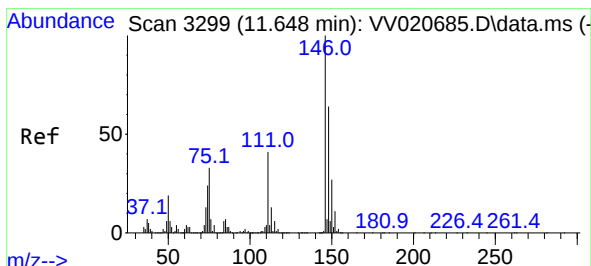
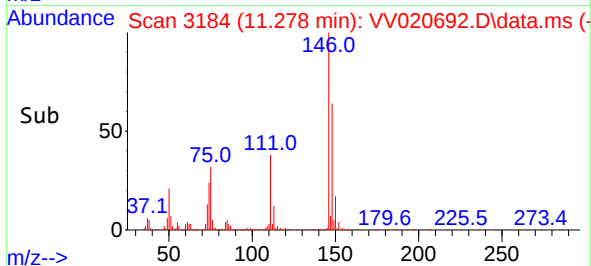
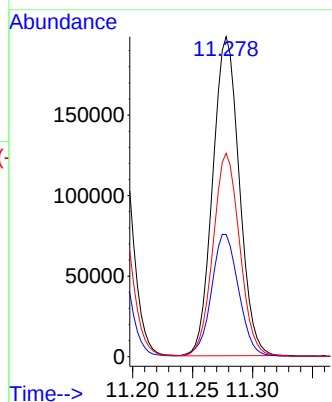
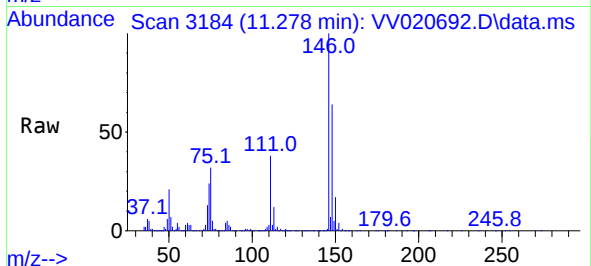




#63
1,4-Dichlorobenzene
Concen: 45.46 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

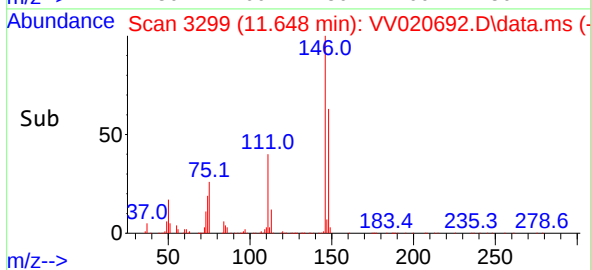
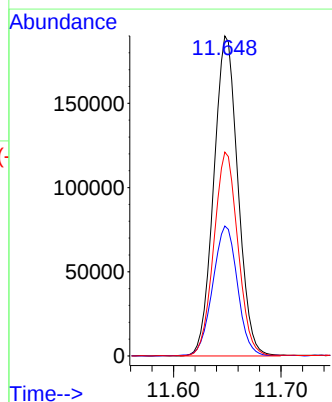
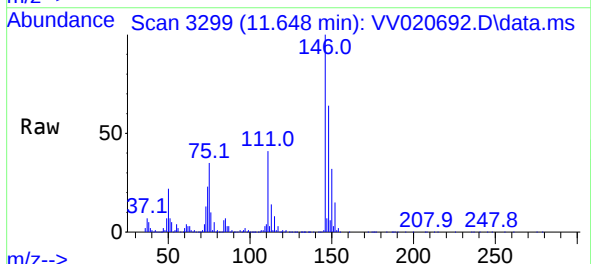
Instrument :
MSVOA_V
ClientSampled :

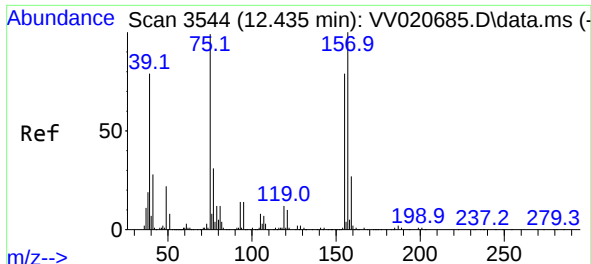
Tgt Ion:146 Resp: 304340
Ion Ratio Lower Upper
146 100
111 38.2 29.4 54.6
148 63.6 44.7 83.1



#65
1,2-Dichlorobenzene
Concen: 46.49 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

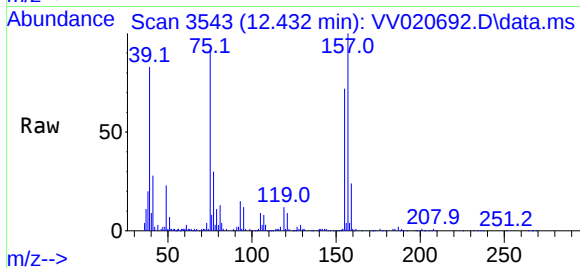
Tgt Ion:146 Resp: 296817
Ion Ratio Lower Upper
146 100
111 40.6 36.3 54.5
148 63.7 51.7 77.5



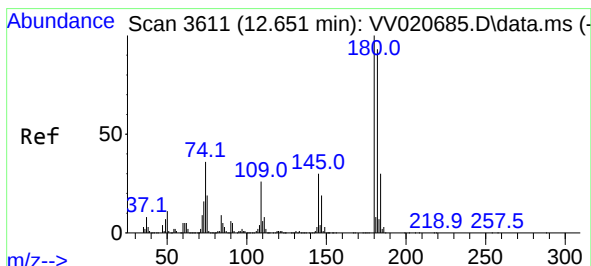
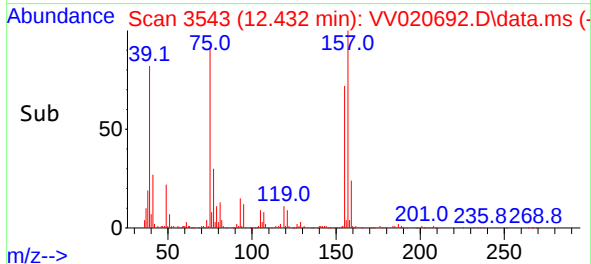
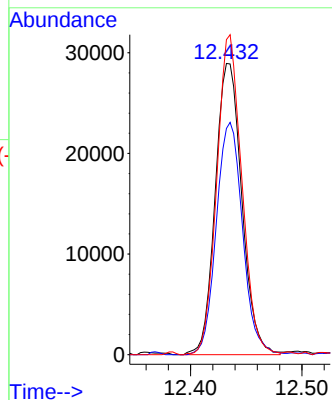


#66
1,2-Dibromo-3-chloropropane
Concen: 49.73 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. -0.003 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Instrument :
MSVOA_V
ClientSampled :

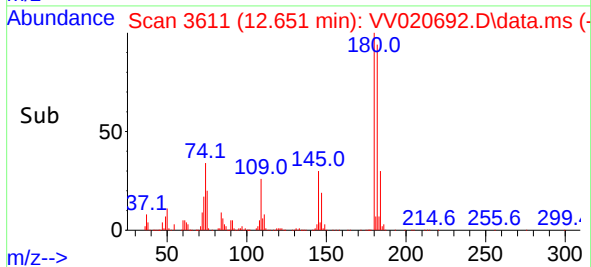
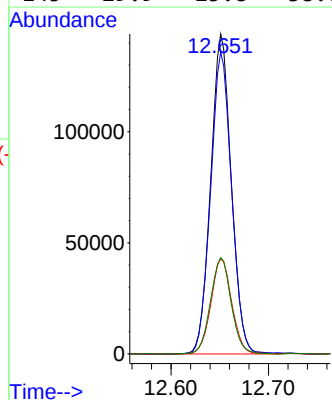
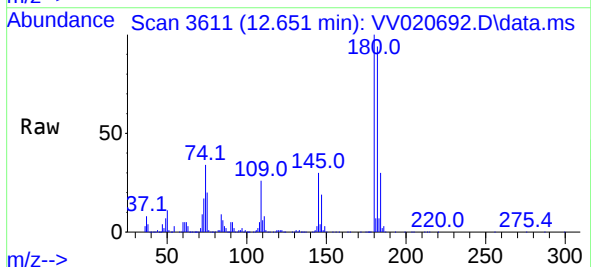


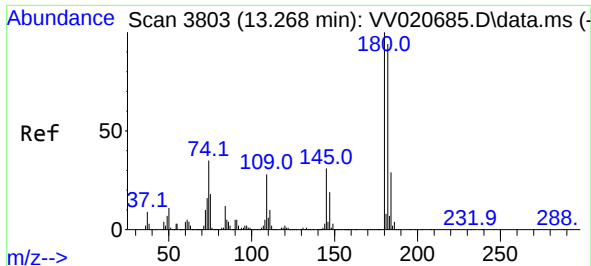
Tgt Ion: 75 Resp: 47947
Ion Ratio Lower Upper
75 100
155 77.7 59.1 88.7
157 108.2 75.4 113.0



#67
1,3,5-Trichlorobenzene
Concen: 46.30 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion:180 Resp: 211502
Ion Ratio Lower Upper
180 100
182 95.5 75.0 112.6
184 30.1 24.0 36.0
145 29.9 25.8 38.6

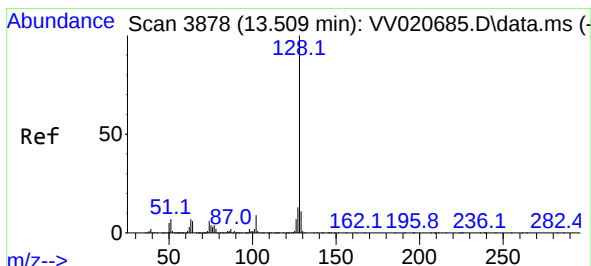
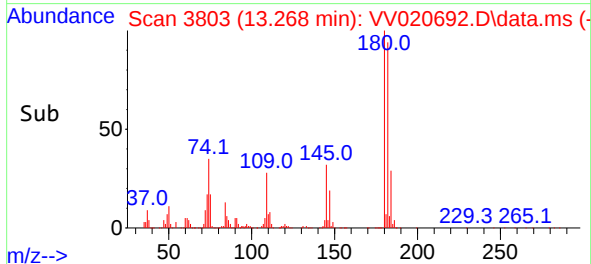
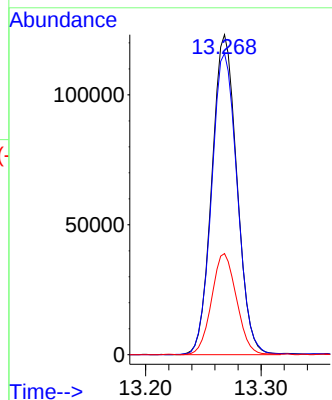
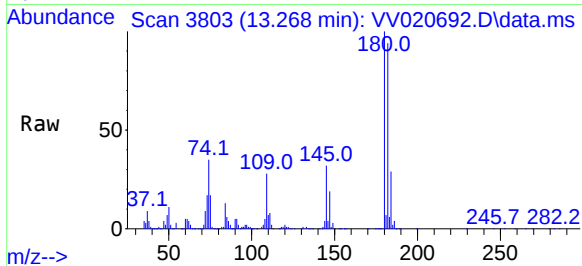




#68
1,2,4-trichlorobenzene
Concen: 46.73 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

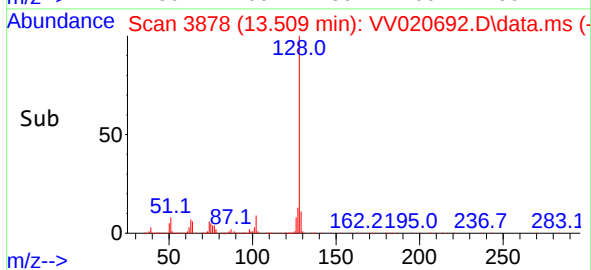
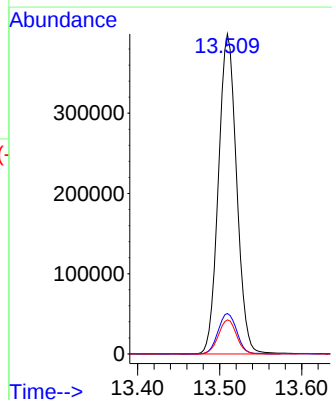
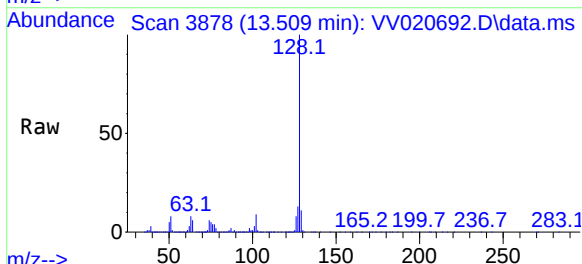
Instrument :
MSVOA_V
ClientSampleId :

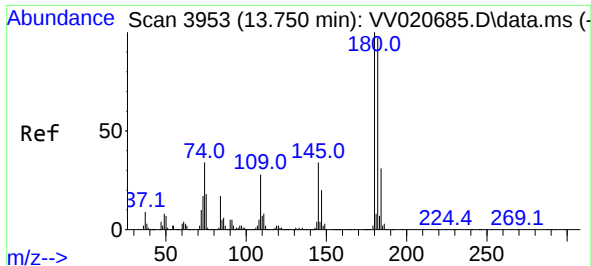
Tgt Ion:180 Resp: 185330
Ion Ratio Lower Upper
180 100
182 96.5 75.1 112.7
145 31.5 26.8 40.2



#69
Naphthalene
Concen: 47.63 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020692.D
Acq: 19 Mar 2021 16:34

Tgt Ion:128 Resp: 614127
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.6 13.0





#70
 1,2,3-Trichlorobenzene
 Concen: 48.47 ug/L
 RT: 13.751 min Scan# 3953
 Delta R.T. 0.000 min
 Lab File: VV020692.D
 Acq: 19 Mar 2021 16:34

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:180 Resp: 190535
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.1 114.1
 145 32.2 27.9 41.9

