

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012921\Not Reviewed Data\
 Data File : VW020211.D
 Acq On : 28 Jan 2021 11:20
 Operator : SY/MD
 Sample : VSTD02061
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020706

Quant Time: Jan 28 17:42:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 28 12:11:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	449846	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	443311	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	260541	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	620771	19.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	389.80%#
7) Chloroethane-d5	1.566	69	521605	18.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	379.80%#
11) 1,1-Dichloroethene-d2	2.106	63	750657	16.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	337.60%#
20) 2-Butanone-d5	3.923	46	1515420	232.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	464.10%#
24) Chloroform-d	4.351	84	1215431	19.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	394.40%#
26) 1,2-Dichloroethane-d4	5.036	65	605919	19.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	397.20%#
32) Benzene-d6	5.052	84	2310703	19.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	391.80%#
36) 1,2-Dichloropropane-d6	6.074	67	700177	20.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	402.20%#
41) Toluene-d8	7.318	98	2177373	19.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	399.20%#
43) trans-1,3-Dichloroprop...	7.624	79	290179	22.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	447.00%#
46) 2-Hexanone-d5	8.093	63	1307826	243.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	486.04%#
56) 1,1,2,2-Tetrachloroeth...	10.222	84	450602	19.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	383.40%#
66) 1,2-Dichlorobenzene-d4	11.630	152	900519	19.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	397.00%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	886859	20.04	ug/L	100
3) Chloromethane	1.238	50	834085	19.21	ug/L	99
5) Vinyl chloride	1.309	62	819540	19.69	ug/L	99
6) Bromomethane	1.521	94	471398	19.61	ug/L	99
8) Chloroethane	1.582	64	478210	19.52	ug/L	98
9) Trichlorofluoromethane	1.750	101	1011608	20.27	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.113	101	455717	17.73	ug/L #	79
12) 1,1-Dichloroethene	2.116	96	431417	17.32	ug/L	71
13) Acetone	2.235	43	594177	161.27	ug/L #	59
14) Carbon disulfide	2.290	76	1512806	16.09	ug/L	99
15) Methyl Acetate	2.450	43	262311	24.18	ug/L #	77
16) Methylene chloride	2.505	84	635137	19.05	ug/L	93
17) Methyl tert-butyl Ether	2.775	73	1492614	21.70	ug/L	97
18) trans-1,2-Dichloroethene	2.759	96	657791	19.89	ug/L	94
19) 1,1-Dichloroethane	3.190	63	1176830	19.85	ug/L	99
21) 2-Butanone	4.007	43	1649991	233.99	ug/L	93
22) cis-1,2-Dichloroethene	3.913	96	699810	20.53	ug/L	91
23) Bromochloromethane	4.251	128	311758	21.01	ug/L #	84
25) Chloroform	4.380	83	1217862	19.89	ug/L	98

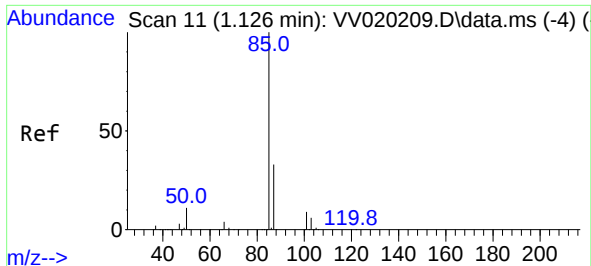
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	760108	20.81	ug/L	100
29) 1,1,1-Trichloroethane	4.611	97	1110748	20.03	ug/L	96
30) Cyclohexane	4.679	56	1095091	20.68	ug/L	96
31) Carbon tetrachloride	4.830	117	986047	20.28	ug/L	100
33) Benzene	5.103	78	2611273	19.96	ug/L	100
34) Trichloroethene	5.917	95	709039	19.57	ug/L	91
35) Methylcyclohexane	6.135	83	1147587	20.98	ug/L	94
37) 1,2-Dichloropropane	6.177	63	648182	20.45	ug/L	99
38) Bromodichloromethane	6.515	83	857099	20.63	ug/L	98
39) cis-1,3-Dichloropropene	7.032	75	1002528	22.68	ug/L	97
40) 4-Methyl-2-pentanone	7.235	43	3951621	224.32	ug/L #	94
42) Toluene	7.392	91	2849612	20.45	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	853171	23.03	ug/L	97
45) 1,1,2-Trichloroethane	7.843	97	463099	20.89	ug/L	98
47) Tetrachloroethene	7.978	164	611620	19.72	ug/L	92
48) 2-Hexanone	8.148	43	2818094	230.17	ug/L	95
49) Dibromochloromethane	8.251	129	589163	22.24	ug/L	98
50) 1,2-Dibromoethane	8.357	107	454316	21.42	ug/L #	97
51) Chlorobenzene	8.884	112	1855733	20.20	ug/L	95
52) Ethylbenzene	9.016	91	3205528	20.55	ug/L	97
53) m,p-xylene	9.142	106	1230371	21.15	ug/L	97
54) o-xylene	9.547	106	1199839	21.32	ug/L	95
55) Styrene	9.566	104	2084201	21.85	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.248	83	461993	19.50	ug/L	98
59) Bromoform	9.736	173	347257	22.88	ug/L #	96
60) Isopropylbenzene	9.936	105	2810761	18.05	ug/L	96
61) 1,2,3-Trichloropropane	10.280	75	338450	18.54	ug/L	95
62) 1,3,5-Trimethylbenzene	10.543	105	2765965	21.48	ug/L	97
63) 1,2,4-Trimethylbenzene	10.920	105	2826740	21.42	ug/L	96
64) 1,3-Dichlorobenzene	11.186	146	1609602	19.85	ug/L	97
65) 1,4-Dichlorobenzene	11.280	146	1603813	19.55	ug/L	96
67) 1,2-Dichlorobenzene	11.649	146	1496970	20.39	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.437	75	95943	22.28	ug/L #	72
69) 1,3,5-Trichlorobenzene	12.653	180	1428141	20.44	ug/L	97
70) 1,2,4-trichlorobenzene	13.270	180	1222668	21.57	ug/L	97
71) Naphthalene	13.511	128	1915343	24.83	ug/L	99
72) 1,2,3-Trichlorobenzene	13.752	180	1036935	20.66	ug/L	95

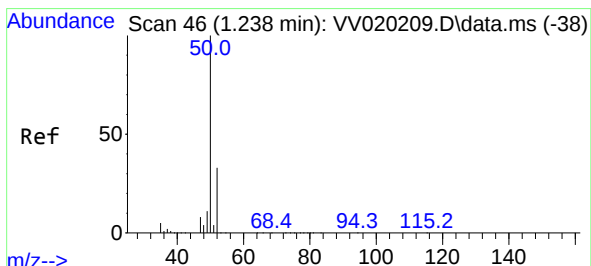
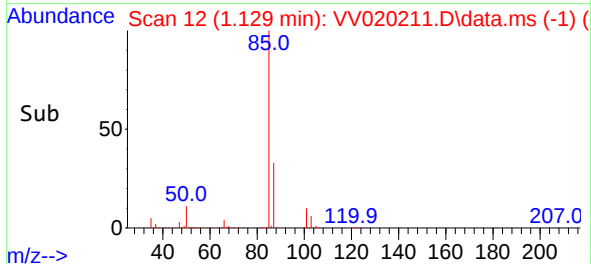
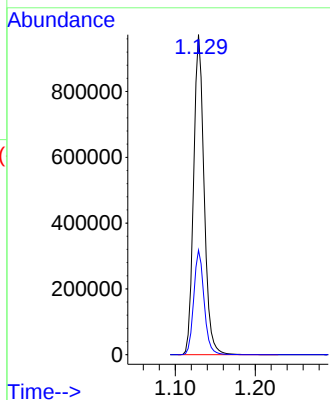
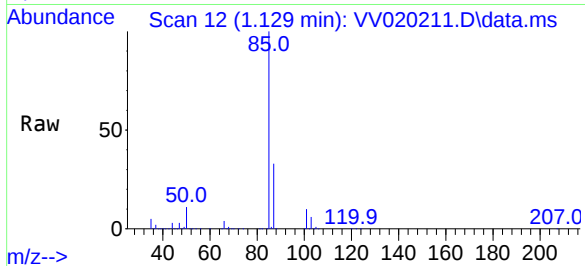
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 20.04 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.003 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

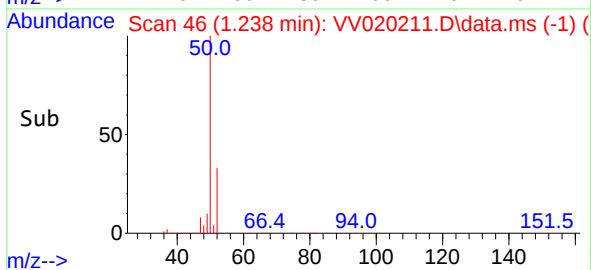
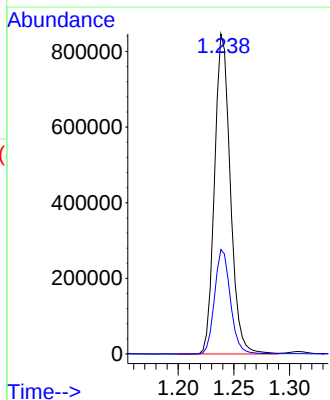
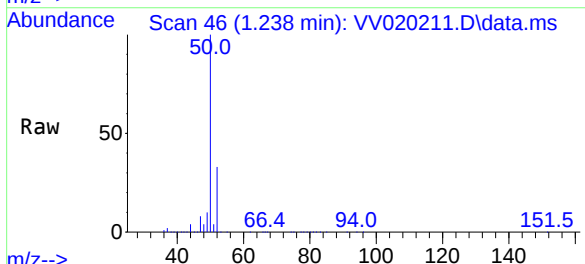
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

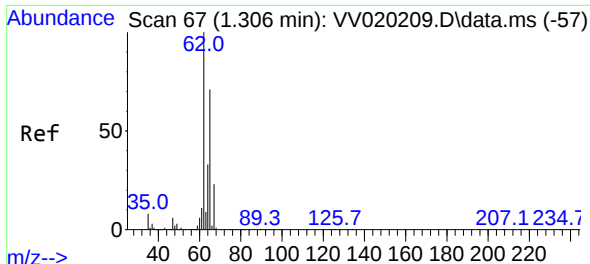
Tgt Ion: 85 Resp: 886859
Ion Ratio Lower Upper
85 100
87 32.2 25.6 38.4



#3
Chloromethane
Concen: 19.21 ug/L
RT: 1.238 min Scan# 46
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 50 Resp: 834085
Ion Ratio Lower Upper
50 100
52 32.6 23.1 42.9

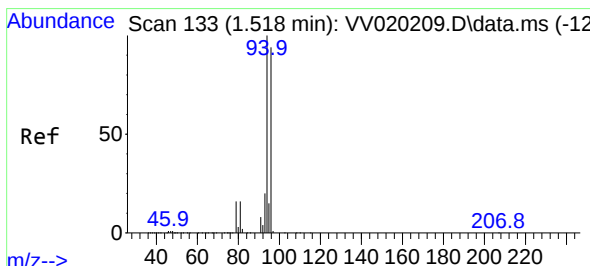
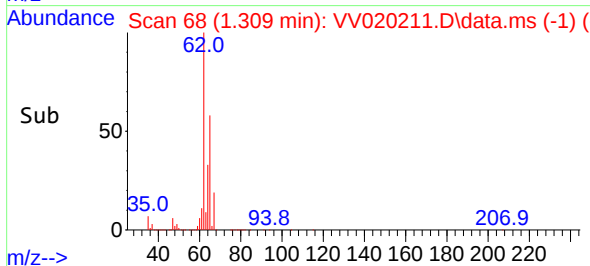
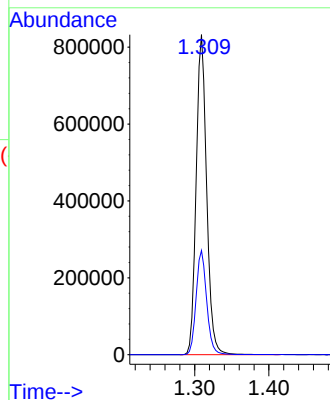
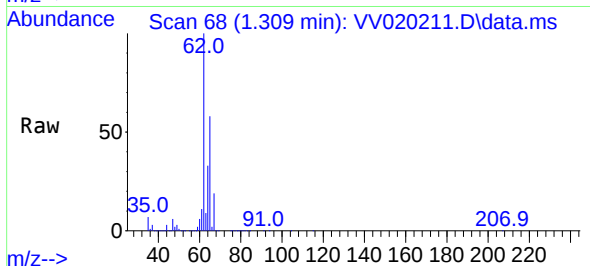




#5
 Vinyl chloride
 Concen: 19.69 ug/L
 RT: 1.309 min Scan# 68
 Delta R.T. 0.003 min
 Lab File: VV020211.D
 Acq: 28 Jan 2021 11:20

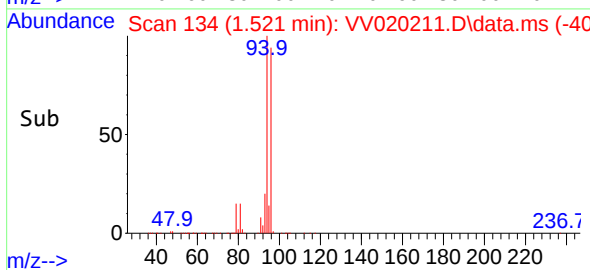
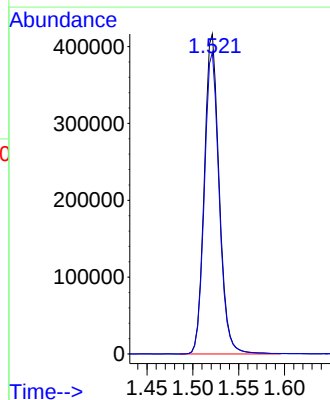
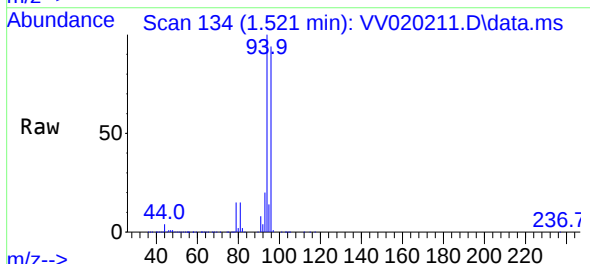
Instrument :
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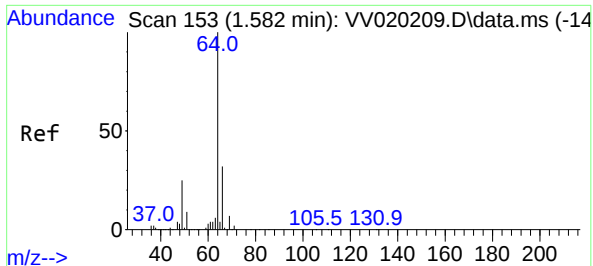
Tgt Ion: 62 Resp: 819540
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.2



#6
 Bromomethane
 Concen: 19.61 ug/L
 RT: 1.521 min Scan# 134
 Delta R.T. 0.003 min
 Lab File: VV020211.D
 Acq: 28 Jan 2021 11:20

Tgt Ion: 94 Resp: 471398
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.6 121.8

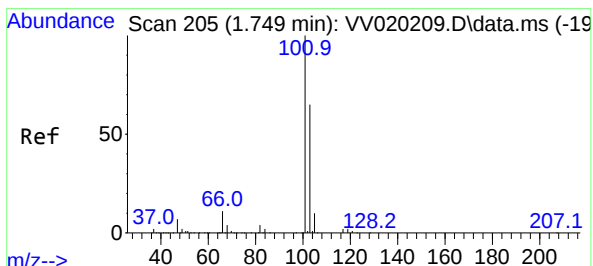
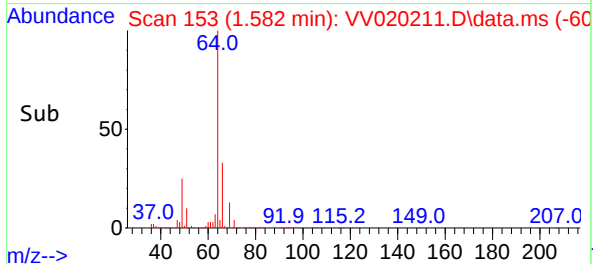
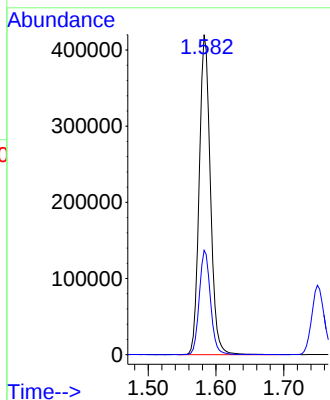
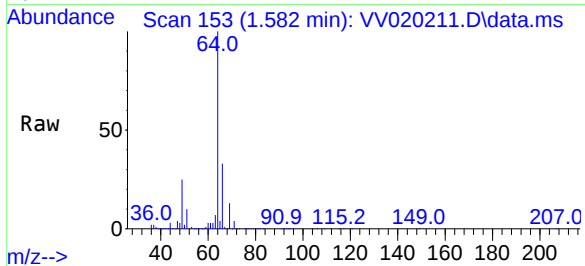




#8
Chloroethane
Concen: 19.52 ug/L
RT: 1.582 min Scan# 153
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

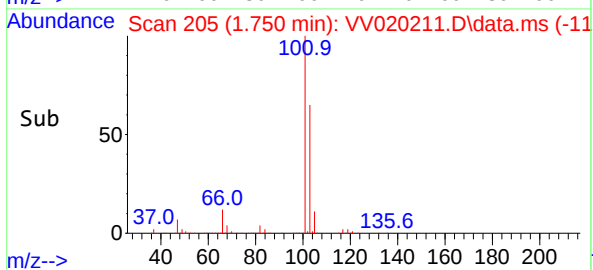
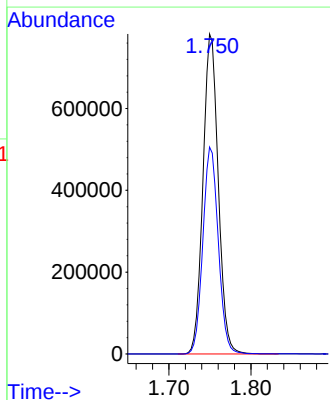
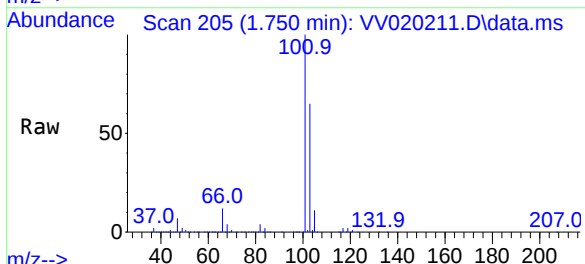
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

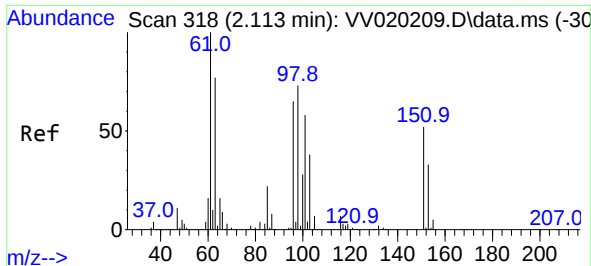
Tgt Ion: 64 Resp: 478210
Ion Ratio Lower Upper
64 100
66 32.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 20.27 ug/L
RT: 1.750 min Scan# 205
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 101 Resp: 1011608
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8





#10

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

Concen: 17.73 ug/L

RT: 2.113 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV020211.D

Acq: 28 Jan 2021 11:20

Tgt Ion:101 Resp: 455717

Ion Ratio Lower Upper

101 100

85 39.3 36.4 54.6

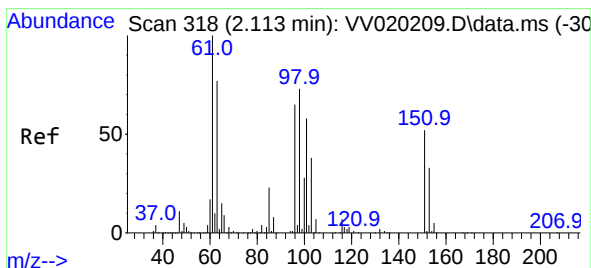
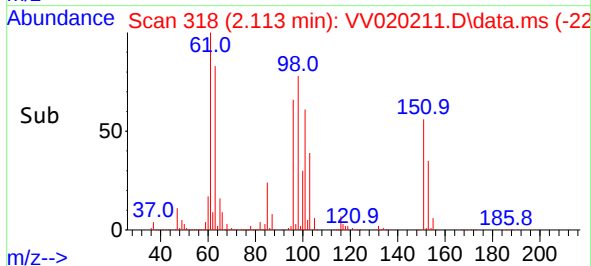
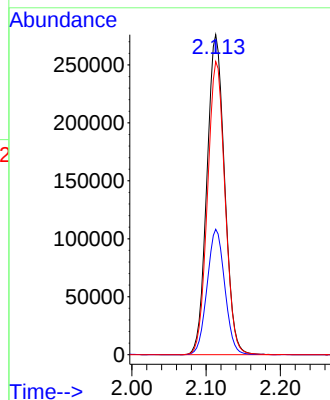
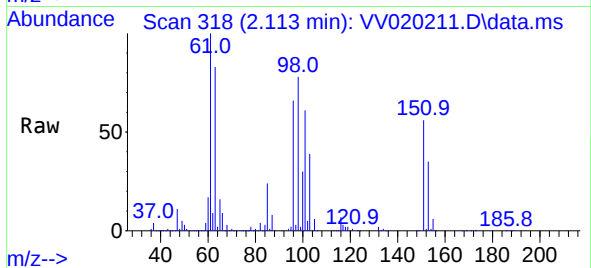
151 90.7 54.1 81.1#

Instrument :

MSVOA_V

ClientSampleId :

VSTD020706



#12

1,1-Dichloroethene

Concen: 17.32 ug/L

RT: 2.116 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV020211.D

Acq: 28 Jan 2021 11:20

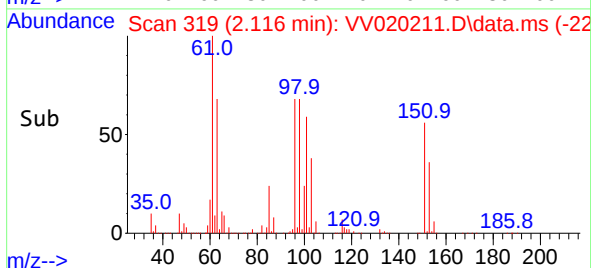
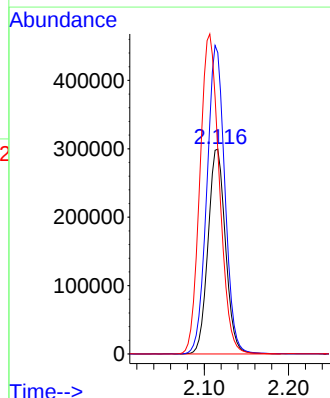
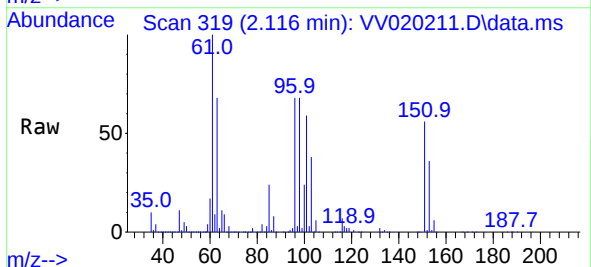
Tgt Ion: 96 Resp: 431417

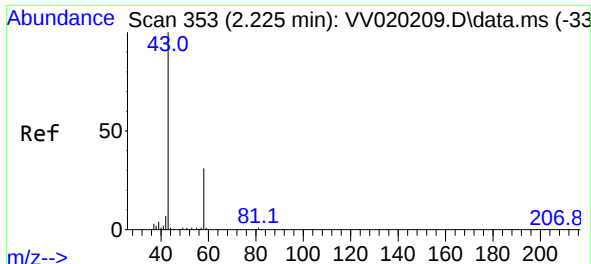
Ion Ratio Lower Upper

96 100

61 147.1 131.5 244.1

63 99.7 95.2 176.8

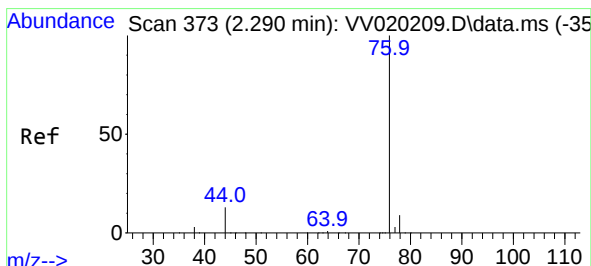
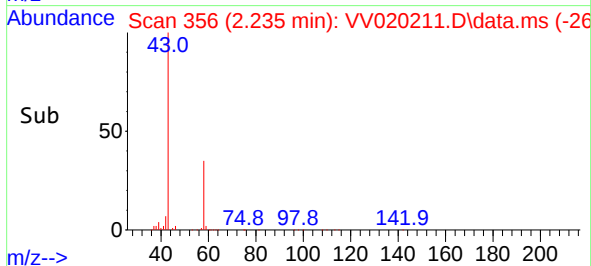
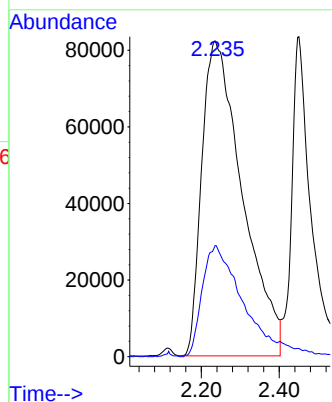
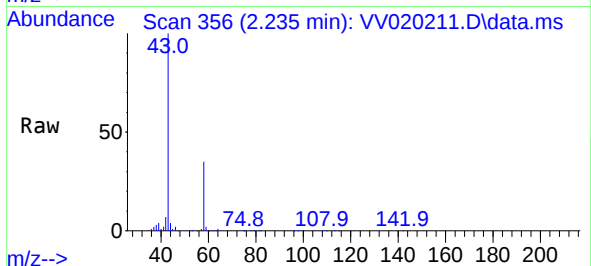




#13
Acetone
Concen: 161.27 ug/L
RT: 2.235 min Scan# 356
Delta R.T. 0.010 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

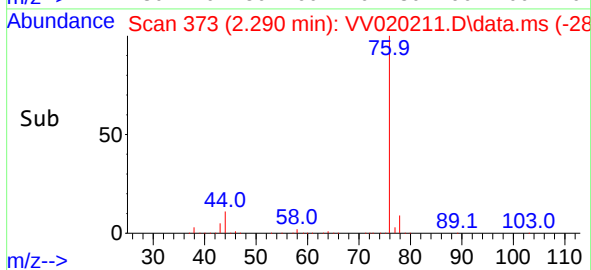
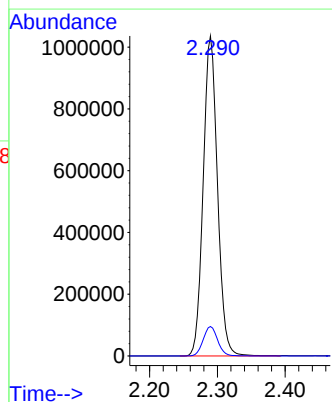
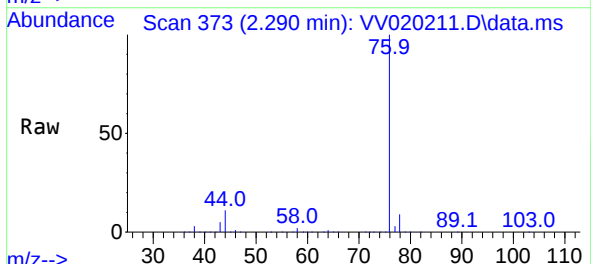
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

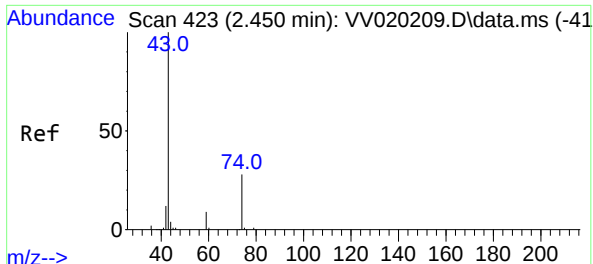
Tgt Ion: 43 Resp: 594177
Ion Ratio Lower Upper
43 100
58 32.8 0.0 31.4#



#14
Carbon disulfide
Concen: 16.09 ug/L
RT: 2.290 min Scan# 373
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 76 Resp: 1512806
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

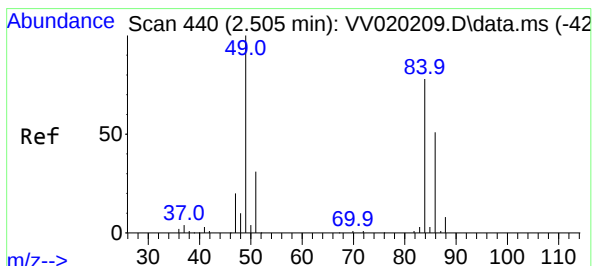
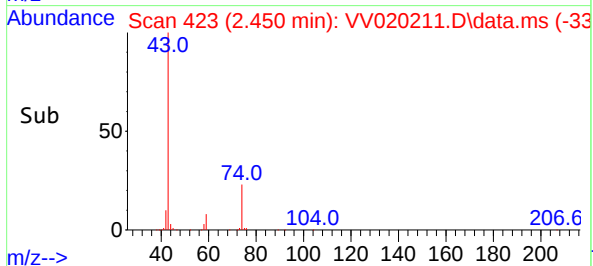
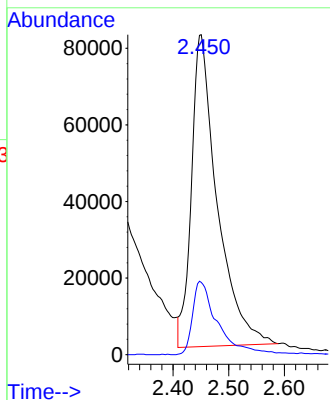
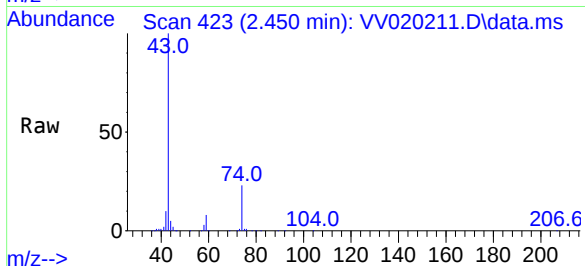




#15
Methyl Acetate
Concen: 24.18 ug/L
RT: 2.450 min Scan# 423
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

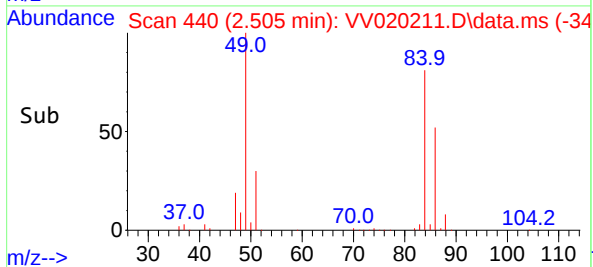
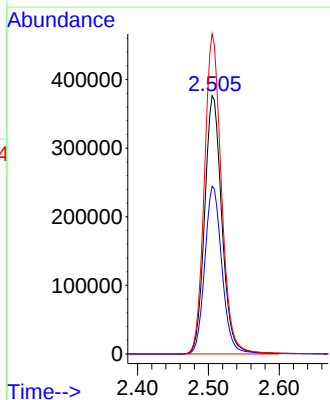
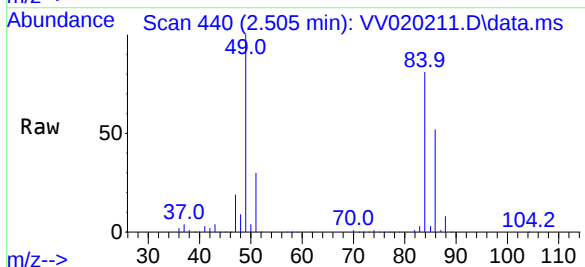
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

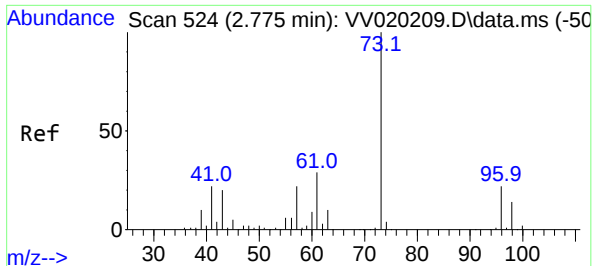
Tgt Ion: 43 Resp: 262311
Ion Ratio Lower Upper
43 100
74 22.7 10.6 16.0#



#16
Methylene chloride
Concen: 19.05 ug/L
RT: 2.505 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 84 Resp: 635137
Ion Ratio Lower Upper
84 100
86 64.9 42.8 79.4
49 123.9 93.9 174.3

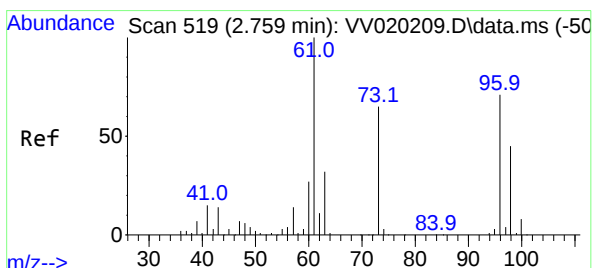
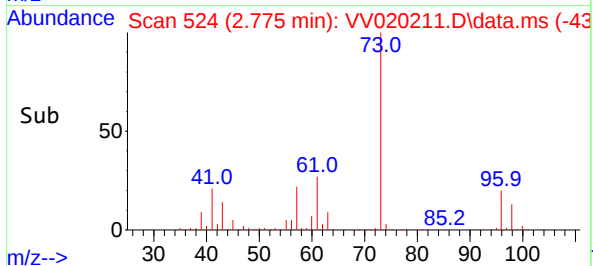
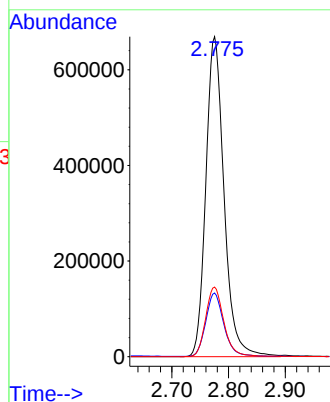
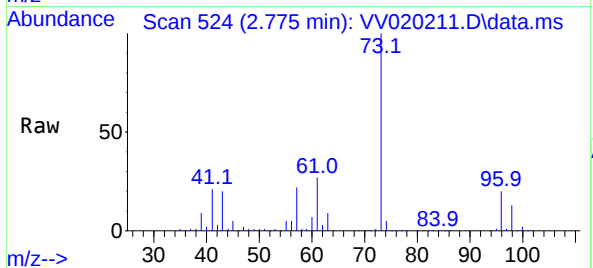




#17
Methyl tert-butyl Ether
Concen: 21.70 ug/L
RT: 2.775 min Scan# 524
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

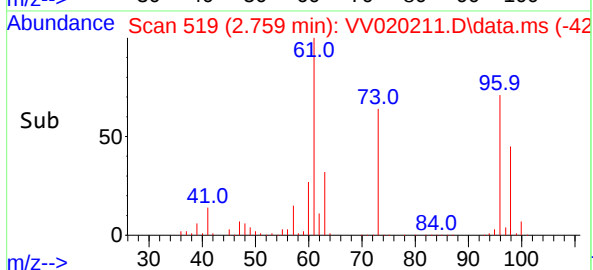
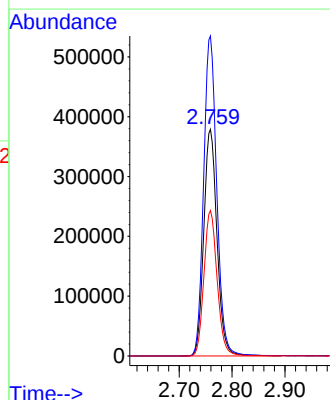
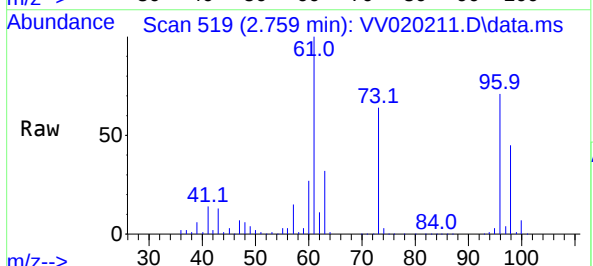
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

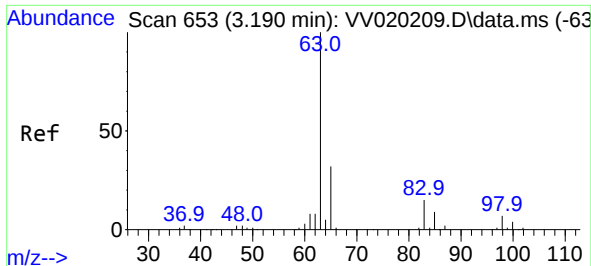
Tgt Ion: 73 Resp: 1492614
Ion Ratio Lower Upper
73 100
43 19.7 17.0 25.6
57 21.8 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 19.89 ug/L
RT: 2.759 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 96 Resp: 657791
Ion Ratio Lower Upper
96 100
61 141.2 106.3 197.3
98 64.2 44.7 82.9



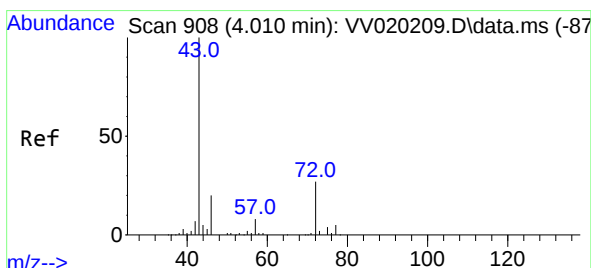
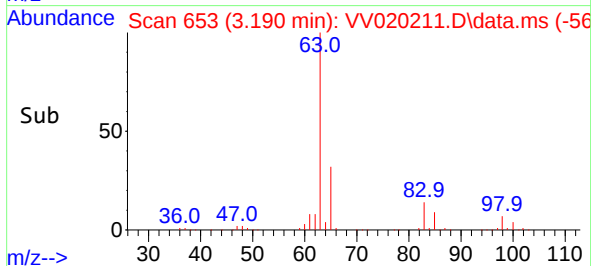
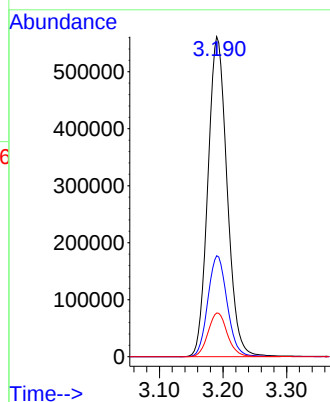
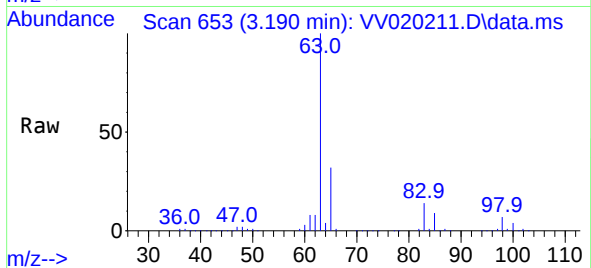


#19
1,1-Dichloroethane
Concen: 19.85 ug/L
RT: 3.190 min Scan# 653
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

Tgt Ion: 63 Resp: 1176830

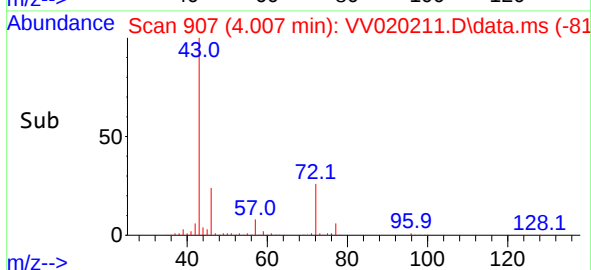
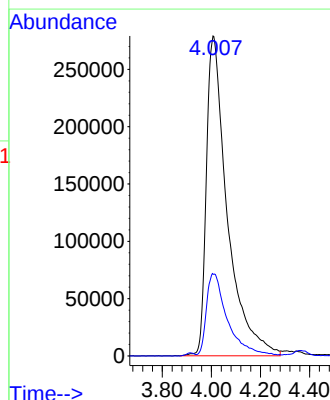
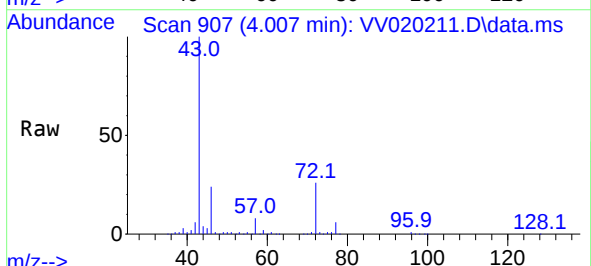
Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.8	40.6
83	13.7	9.0	16.8

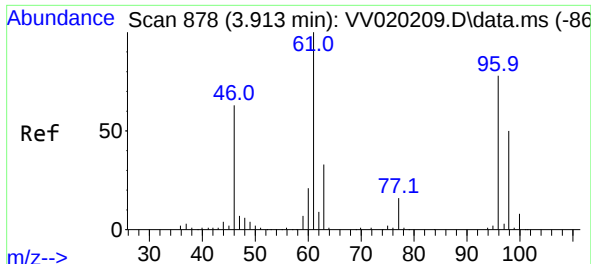


#21
2-Butanone
Concen: 233.99 ug/L
RT: 4.007 min Scan# 907
Delta R.T. -0.003 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 43 Resp: 1649991

Ion	Ratio	Lower	Upper
43	100		
72	25.0	10.9	32.7

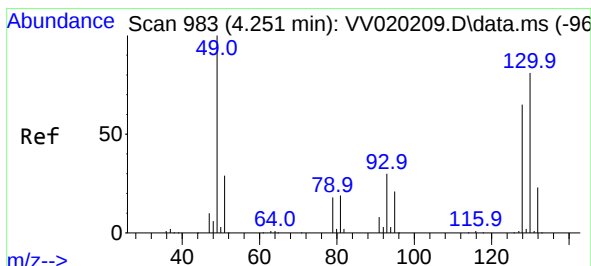
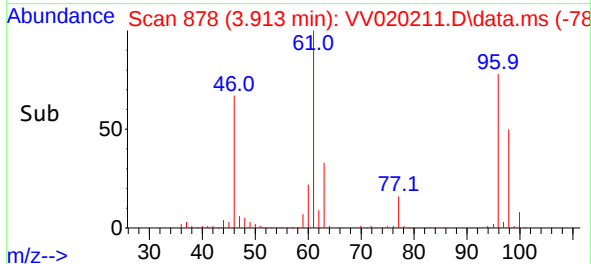
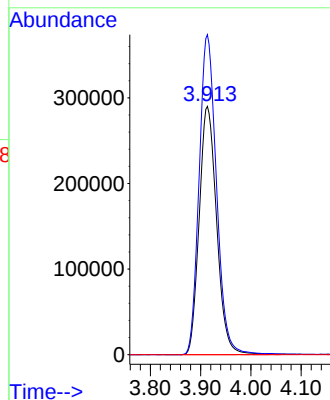
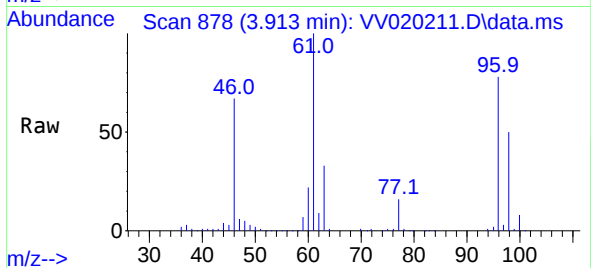




#22
cis-1,2-Dichloroethene
Concen: 20.53 ug/L
RT: 3.913 min Scan# 878
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

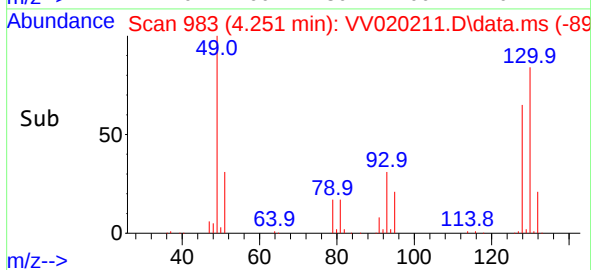
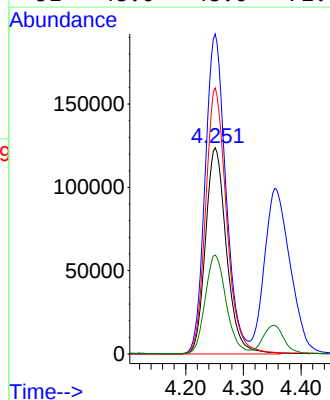
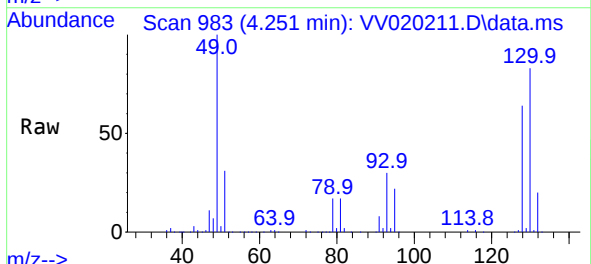
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

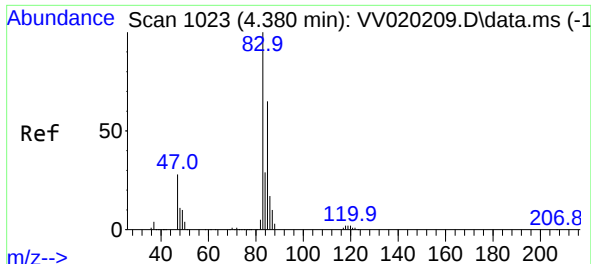
Tgt Ion: 96 Resp: 699810
Ion Ratio Lower Upper
96 100
61 128.9 98.1 182.3
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 21.01 ug/L
RT: 4.251 min Scan# 983
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion:128 Resp: 311758
Ion Ratio Lower Upper
128 100
49 155.2 132.6 246.2
130 129.1 86.4 160.4
51 48.0 48.0 72.0#

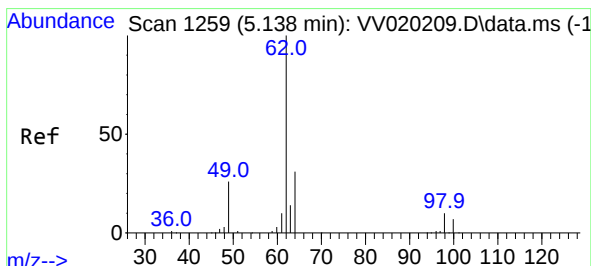
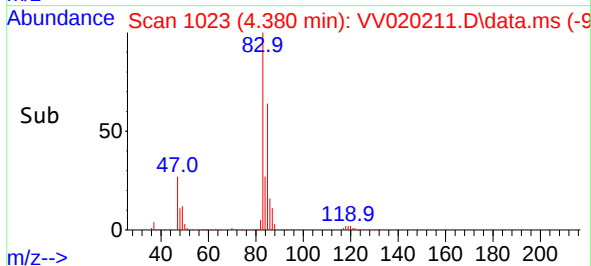
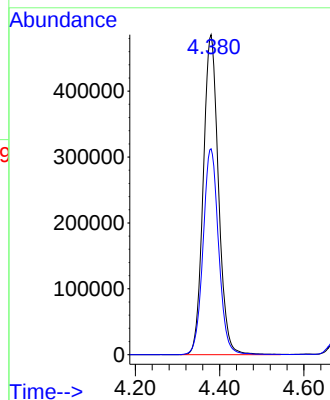
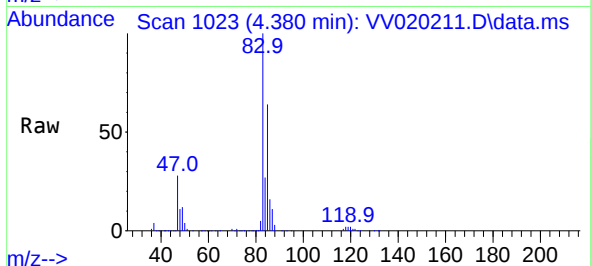




#25
Chloroform
Concen: 19.89 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

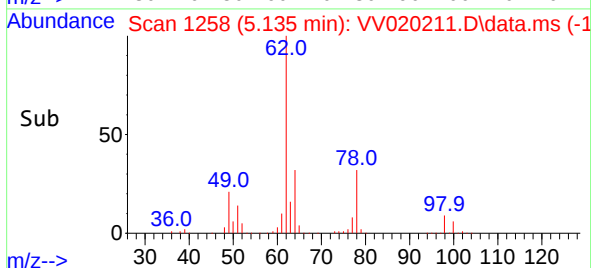
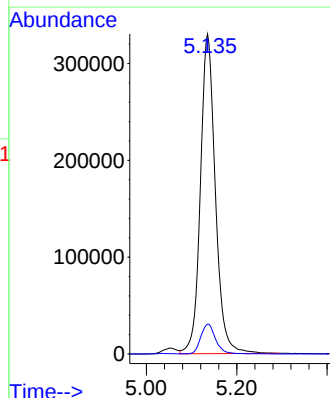
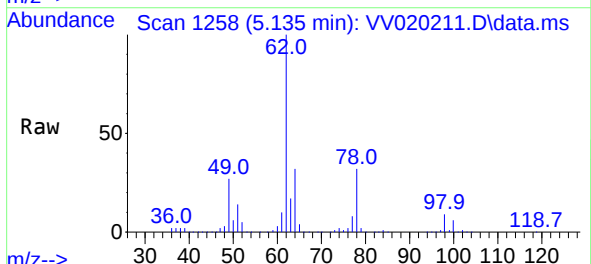
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

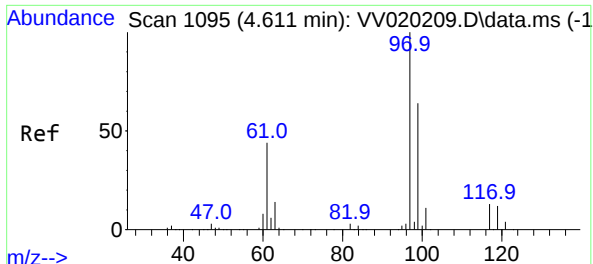
Tgt Ion: 83 Resp: 1217862
Ion Ratio Lower Upper
83 100
85 64.4 46.4 86.2



#27
1,2-Dichloroethane
Concen: 20.81 ug/L
RT: 5.135 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 62 Resp: 760108
Ion Ratio Lower Upper
62 100
98 9.4 7.6 11.4



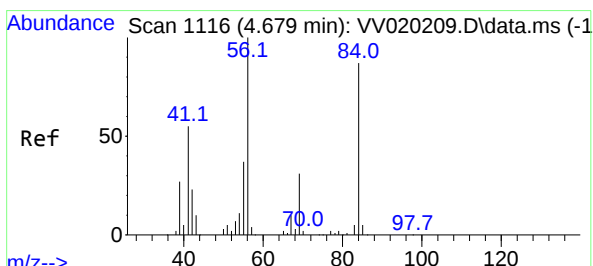
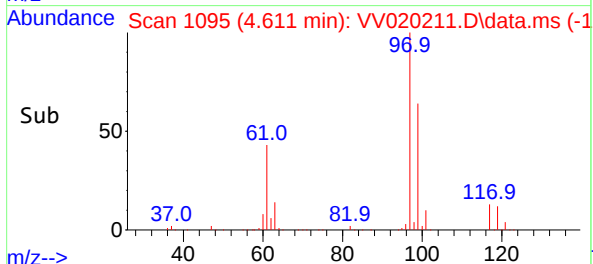
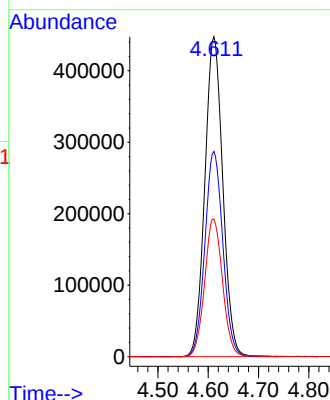
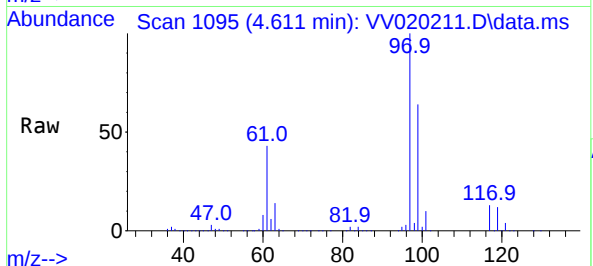


#29
1,1,1-Trichloroethane
Concen: 20.03 ug/L
RT: 4.611 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

Tgt Ion: 97 Resp: 1110748

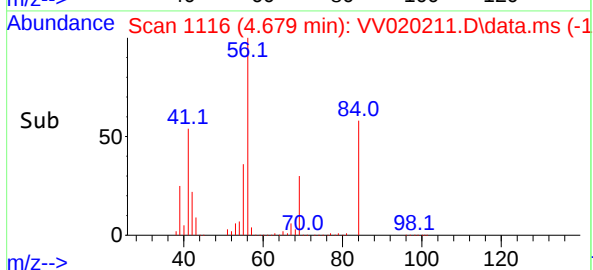
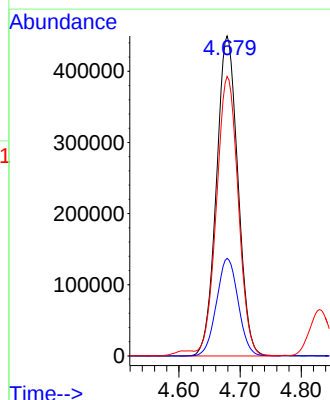
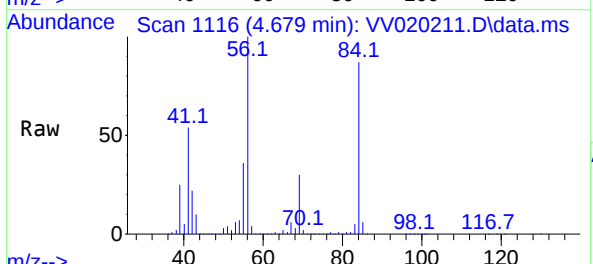
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.1	76.7
61	43.1	38.6	57.8

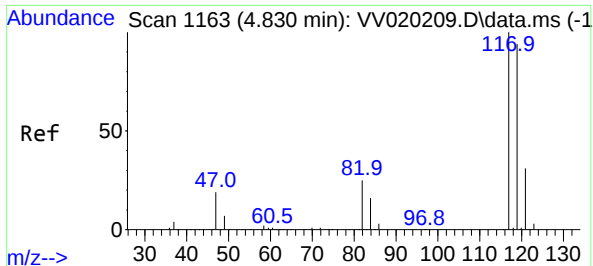


#30
Cyclohexane
Concen: 20.68 ug/L
RT: 4.679 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 56 Resp: 1095091

Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.1	36.1
84	88.5	66.8	100.2

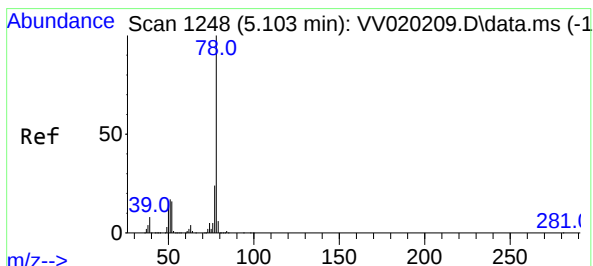
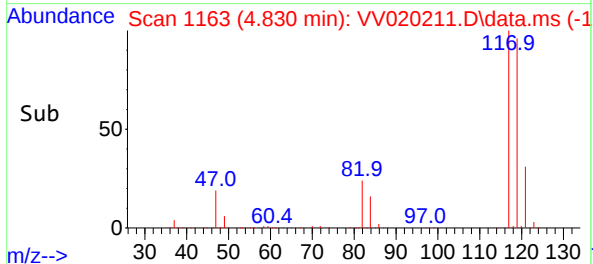
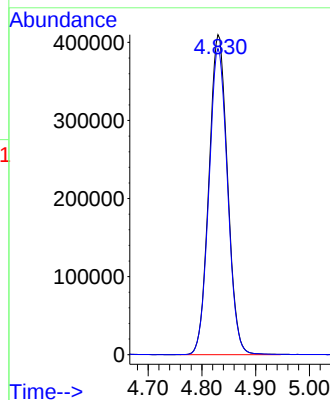
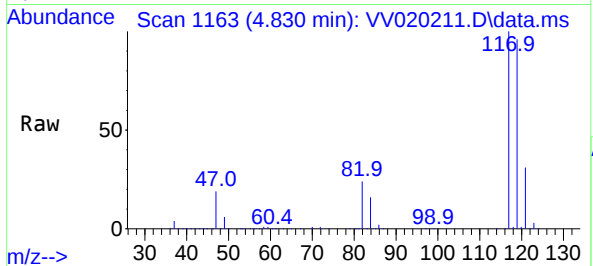




#31
Carbon tetrachloride
Concen: 20.28 ug/L
RT: 4.830 min Scan# 1163
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

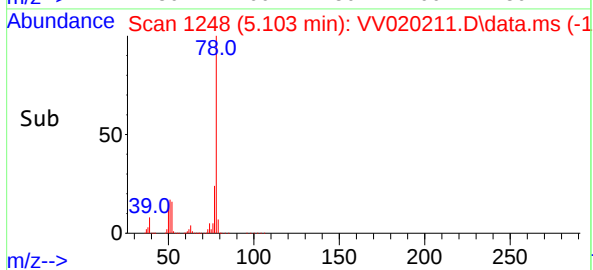
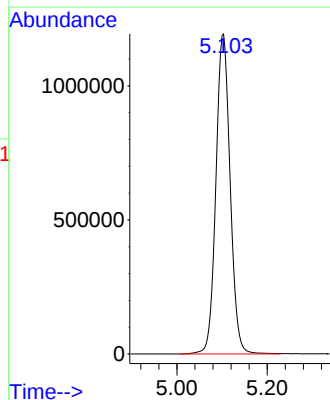
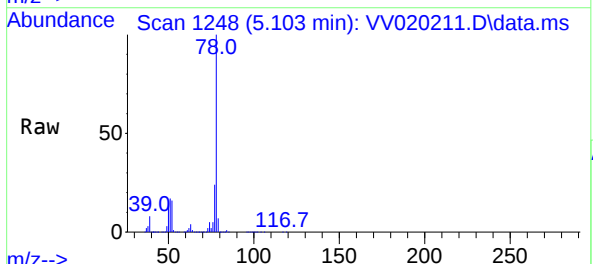
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

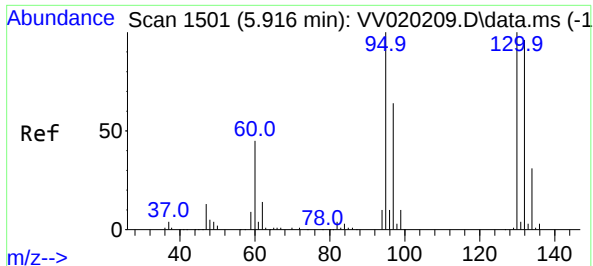
Tgt Ion:117 Resp: 986047
Ion Ratio Lower Upper
117 100
119 95.4 76.0 114.0



#33
Benzene
Concen: 19.96 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 78 Resp: 2611273

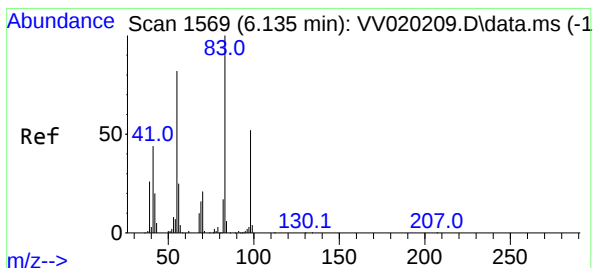
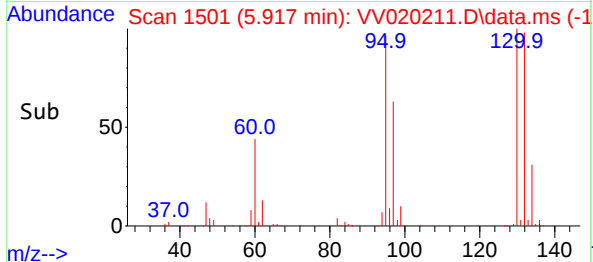
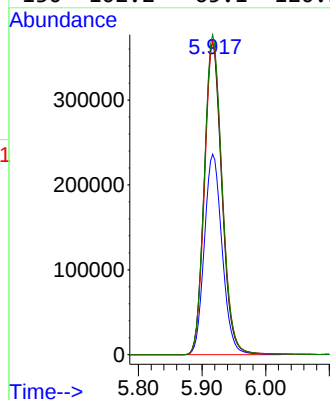
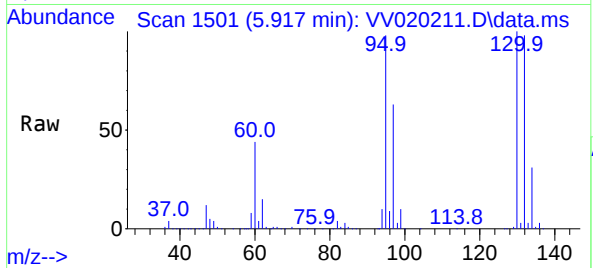




#34
Trichloroethene
Concen: 19.57 ug/L
RT: 5.917 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

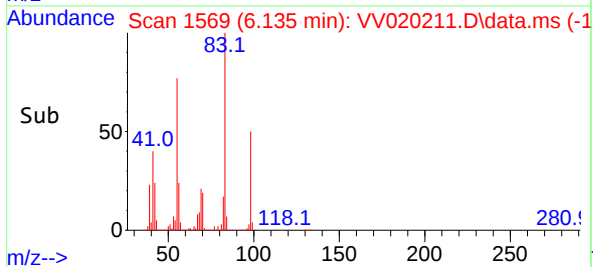
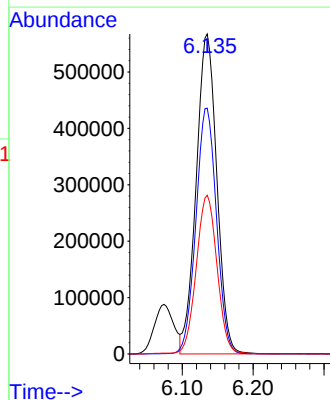
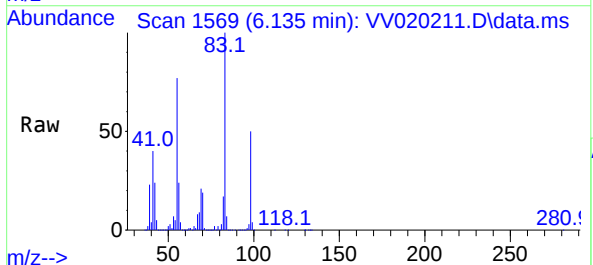
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

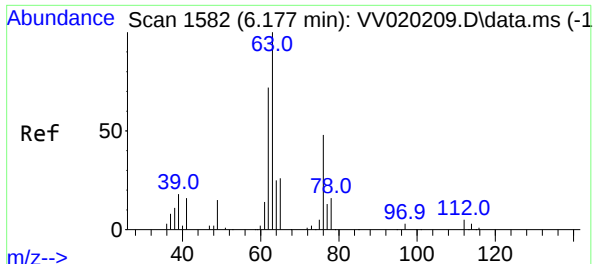
Tgt Ion: 95 Resp: 709039
Ion Ratio Lower Upper
95 100
97 64.1 44.1 81.9
132 99.7 61.2 113.8
130 102.2 65.1 120.9



#35
Methylcyclohexane
Concen: 20.98 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 83 Resp: 1147587
Ion Ratio Lower Upper
83 100
55 76.8 67.5 101.3
98 49.9 38.6 58.0

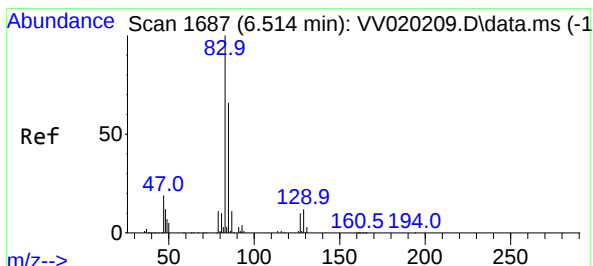
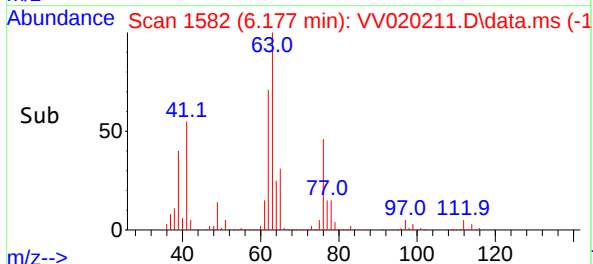
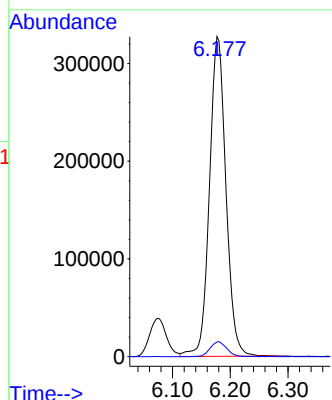
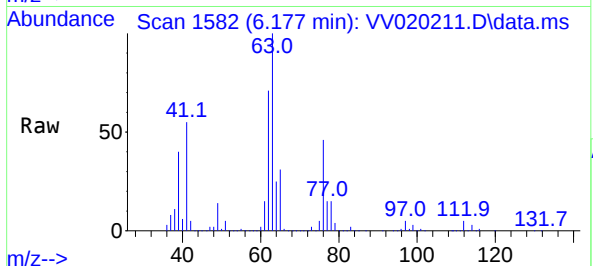




#37
1,2-Dichloropropane
Concen: 20.45 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

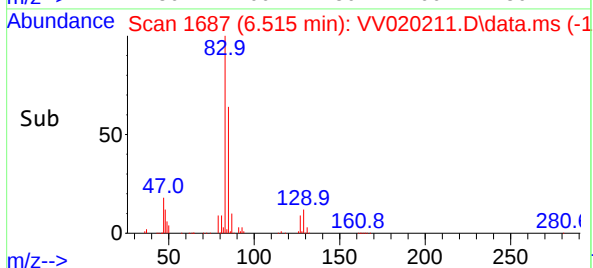
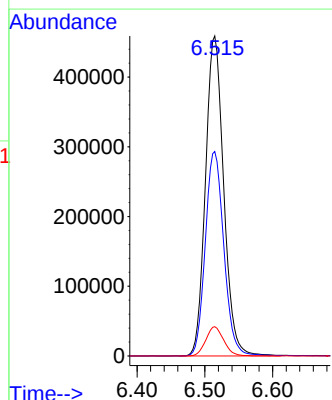
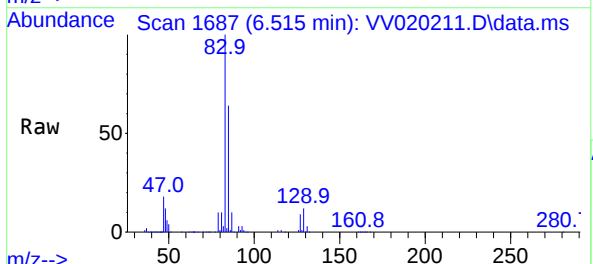
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

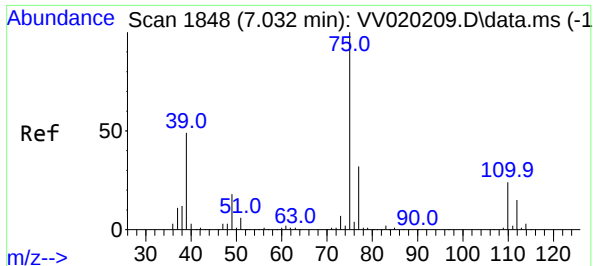
Tgt Ion: 63 Resp: 648182
Ion Ratio Lower Upper
63 100
112 4.8 3.6 5.4



#38
Bromodichloromethane
Concen: 20.63 ug/L
RT: 6.515 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 83 Resp: 857099
Ion Ratio Lower Upper
83 100
85 63.9 45.9 85.3
127 9.2 6.2 9.2

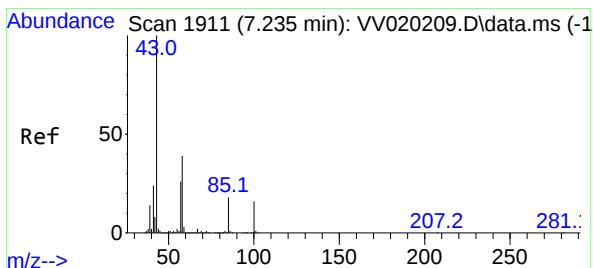
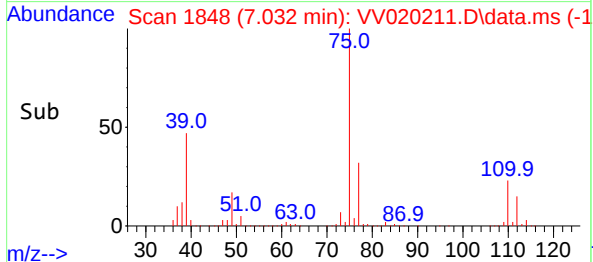
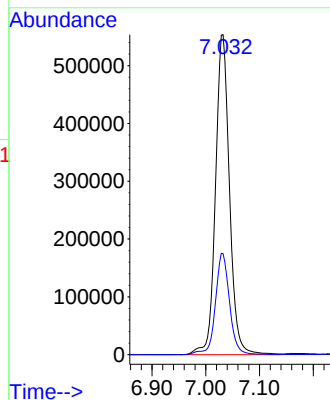
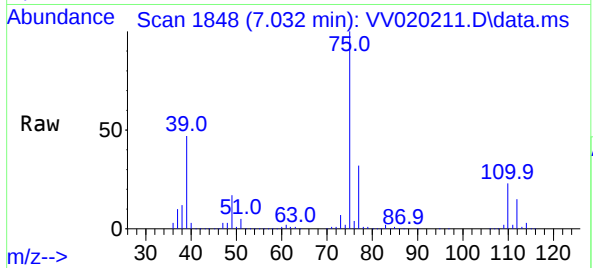




#39
cis-1,3-Dichloropropene
Concen: 22.68 ug/L
RT: 7.032 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

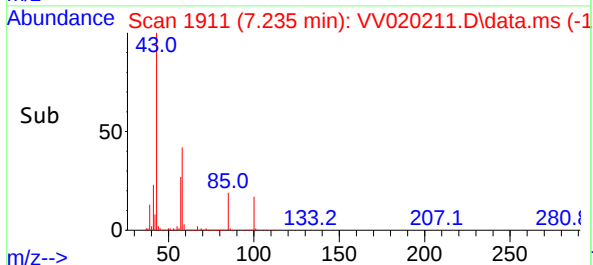
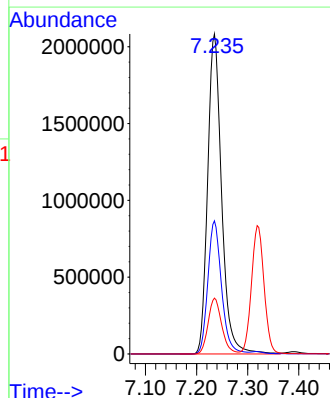
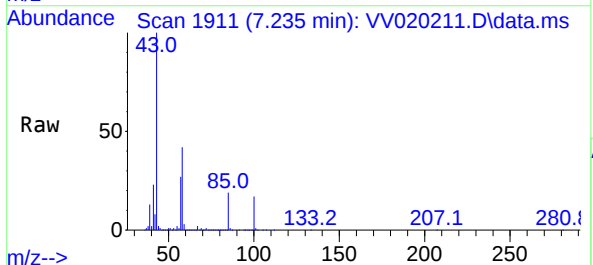
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

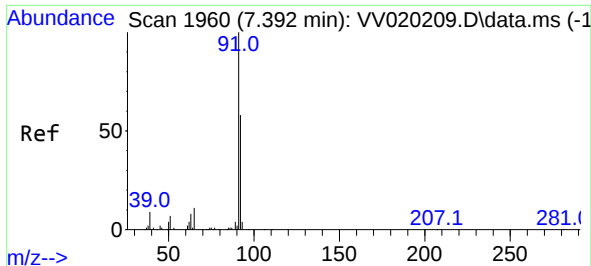
Tgt Ion: 75 Resp: 1002528
Ion Ratio Lower Upper
75 100
77 31.6 21.0 39.0



#40
4-Methyl-2-pentanone
Concen: 224.32 ug/L
RT: 7.235 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 43 Resp: 3951621
Ion Ratio Lower Upper
43 100
58 40.8 30.0 45.0
100 17.1 11.4 17.0#

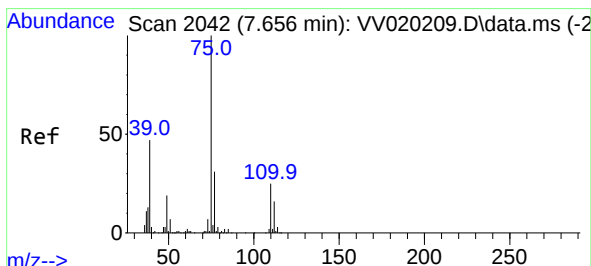
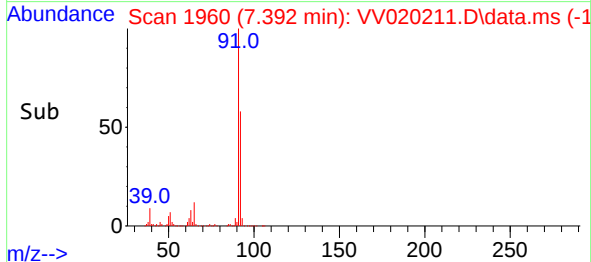
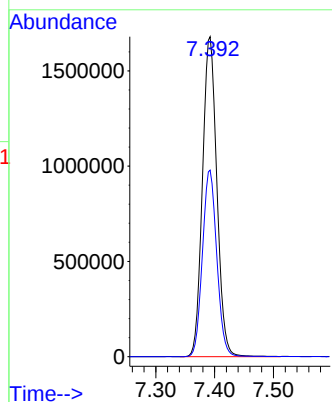
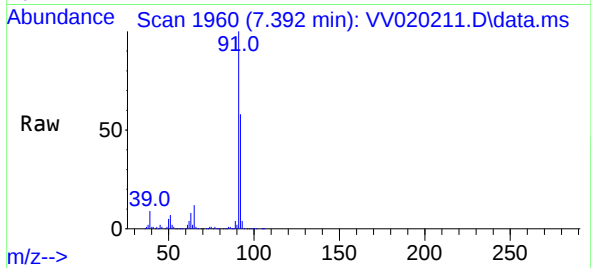




#42
Toluene
Concen: 20.45 ug/L
RT: 7.392 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

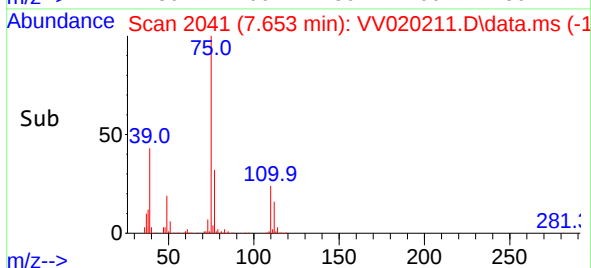
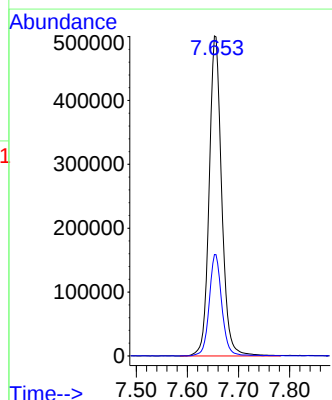
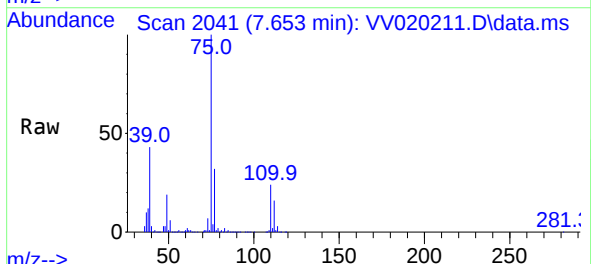
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

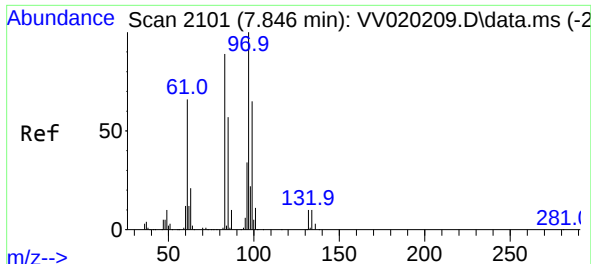
Tgt Ion: 91 Resp: 2849612
Ion Ratio Lower Upper
91 100
92 58.3 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 23.03 ug/L
RT: 7.653 min Scan# 2041
Delta R.T. -0.003 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 75 Resp: 853171
Ion Ratio Lower Upper
75 100
77 31.7 21.1 39.3



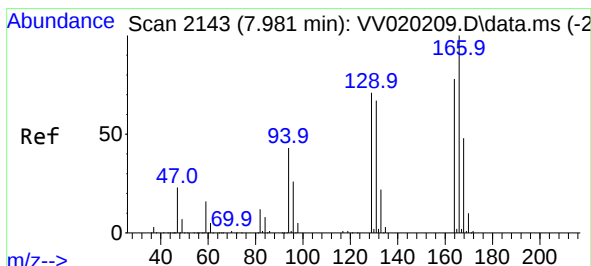
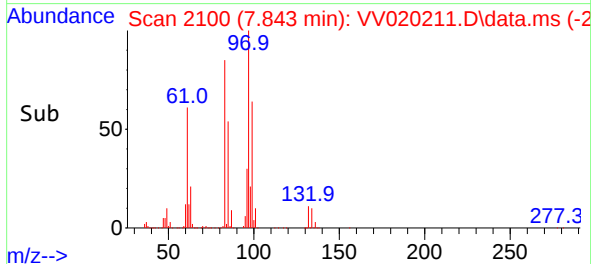
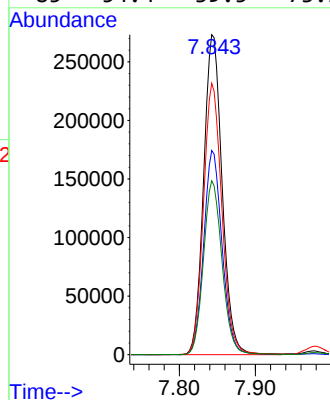
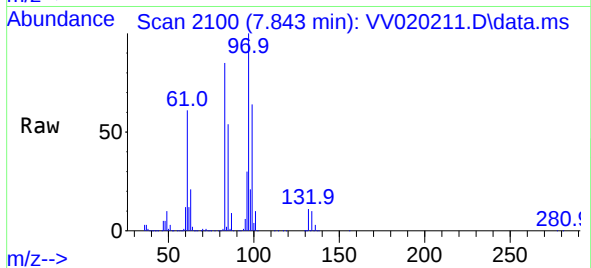


#45
1,1,2-Trichloroethane
Concen: 20.89 ug/L
RT: 7.843 min Scan# 2100
Delta R.T. -0.003 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

Tgt Ion: 97 Resp: 463099

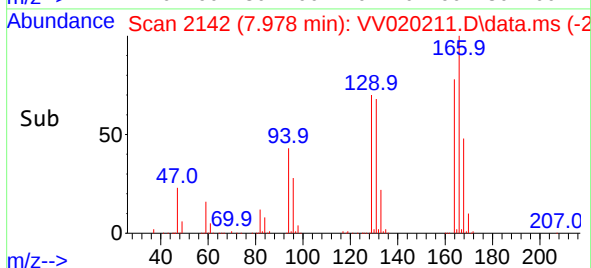
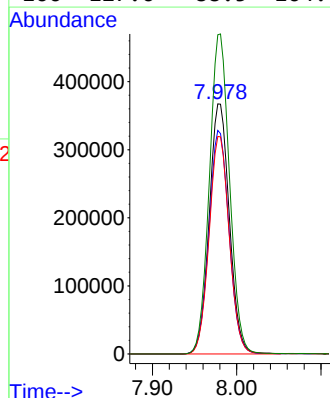
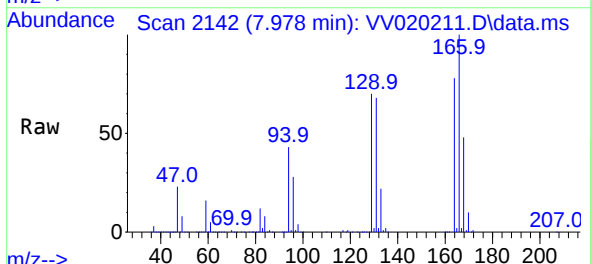
Ion	Ratio	Lower	Upper
97	100		
99	63.8	42.4	78.8
83	84.8	59.4	110.4
85	54.4	39.5	73.3

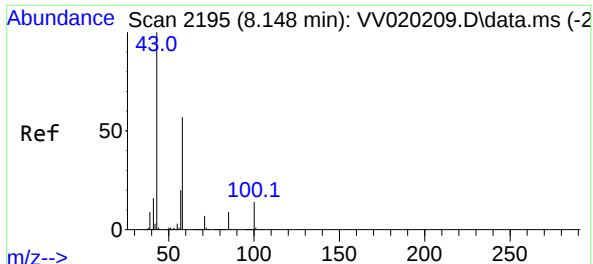


#47
Tetrachloroethene
Concen: 19.72 ug/L
RT: 7.978 min Scan# 2142
Delta R.T. -0.003 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 164 Resp: 611620

Ion	Ratio	Lower	Upper
164	100		
129	89.4	72.1	133.9
131	86.9	68.9	127.9
166	127.6	88.5	164.4



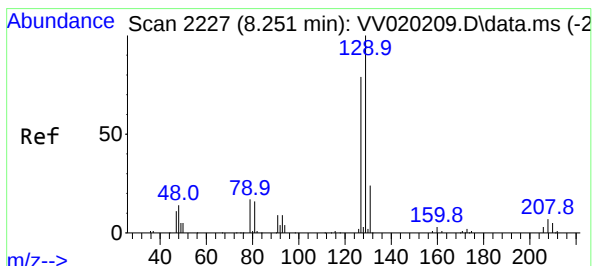
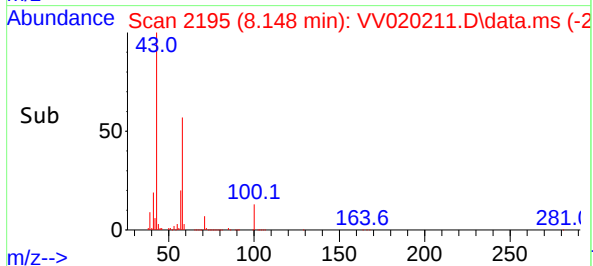
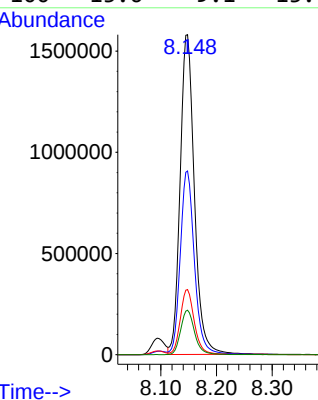
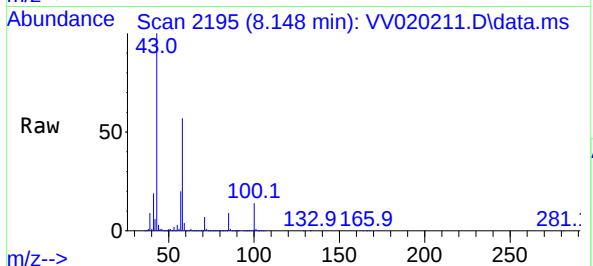


#48
2-Hexanone
Concen: 230.17 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

Tgt Ion: 43 Resp: 2818094

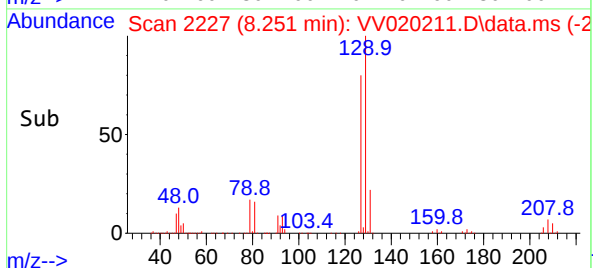
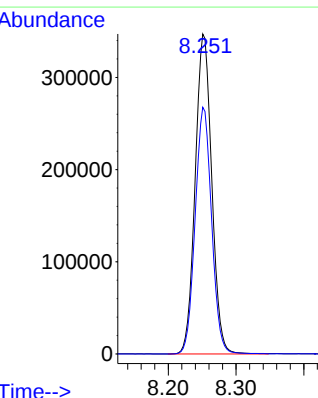
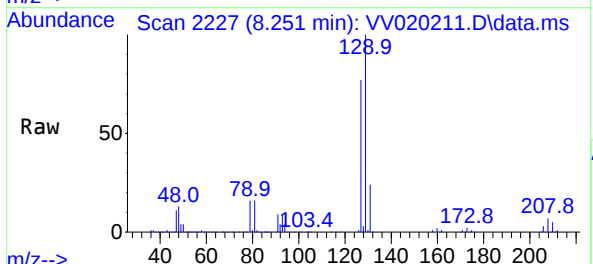
Ion	Ratio	Lower	Upper
43	100		
58	57.3	42.4	63.6
57	20.0	14.8	22.2
100	13.6	9.1	13.7

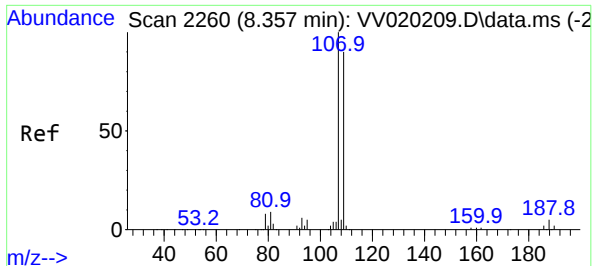


#49
Dibromochloromethane
Concen: 22.24 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 129 Resp: 589163

Ion	Ratio	Lower	Upper
129	100		
127	77.1	55.0	102.2

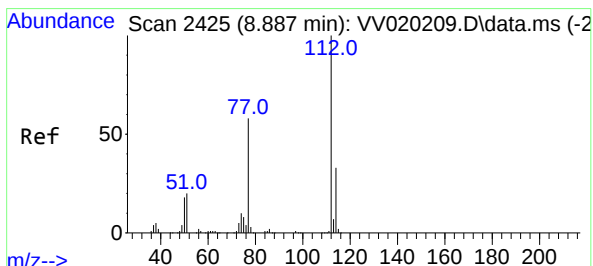
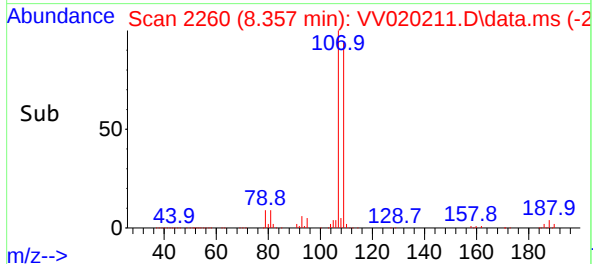
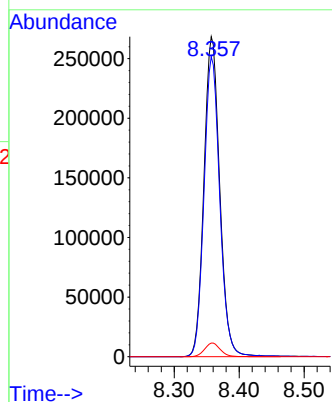
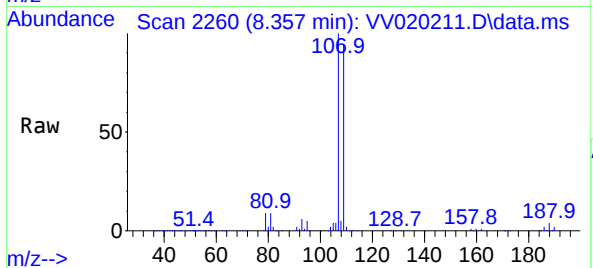




#50
1,2-Dibromoethane
Concen: 21.42 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

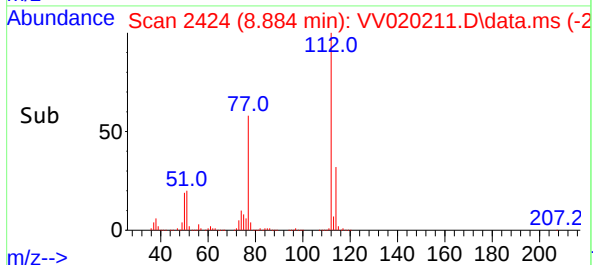
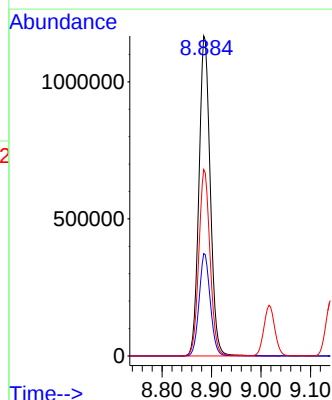
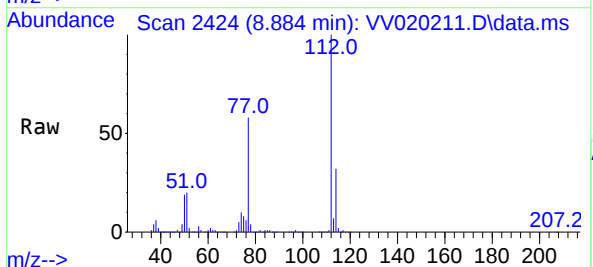
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

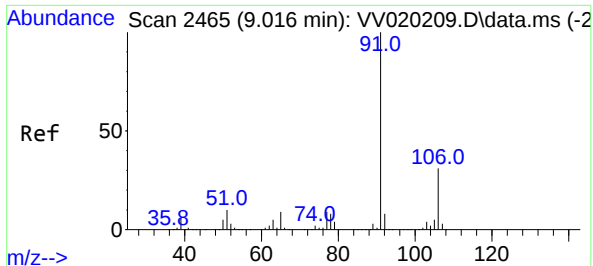
Tgt Ion:107 Resp: 454316
Ion Ratio Lower Upper
107 100
109 93.8 63.8 118.4
188 4.2 2.5 3.7#



#51
Chlorobenzene
Concen: 20.20 ug/L
RT: 8.884 min Scan# 2424
Delta R.T. -0.003 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion:112 Resp: 1855733
Ion Ratio Lower Upper
112 100
114 32.0 21.8 40.6
77 58.2 51.0 76.4





#52

Ethylbenzene

Concen: 20.55 ug/L

RT: 9.016 min Scan# 2465

Delta R.T. 0.000 min

Lab File: VV020211.D

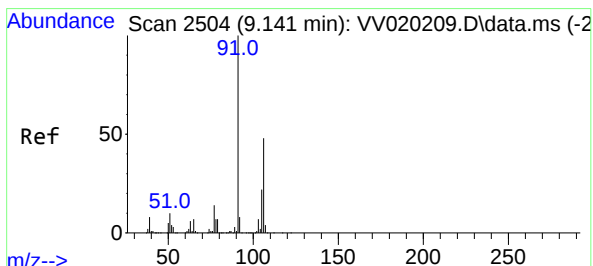
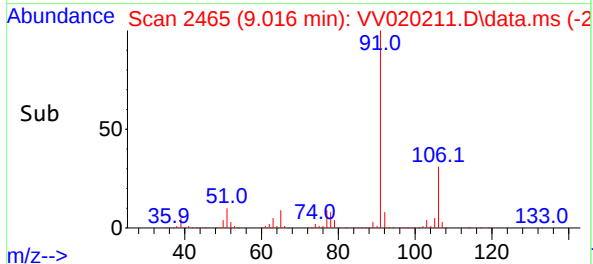
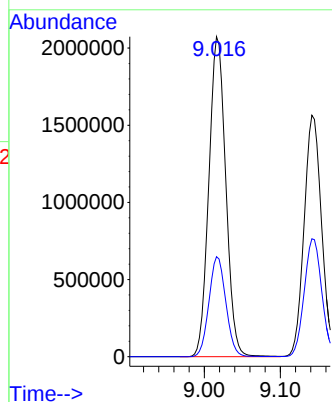
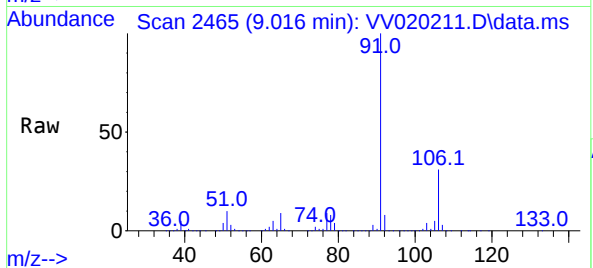
Acq: 28 Jan 2021 11:20

Tgt Ion: 91 Resp: 3205528

Ion Ratio Lower Upper

91 100

106 31.3 20.9 38.7



#53

m,p-xylene

Concen: 21.15 ug/L

RT: 9.142 min Scan# 2504

Delta R.T. 0.000 min

Lab File: VV020211.D

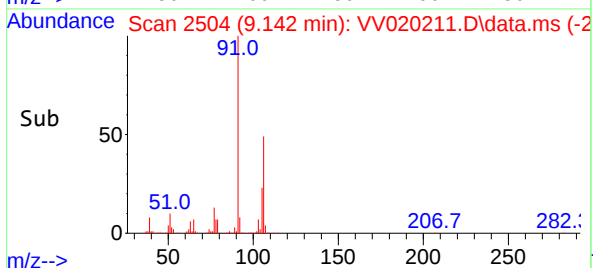
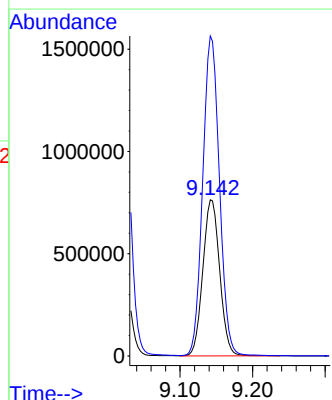
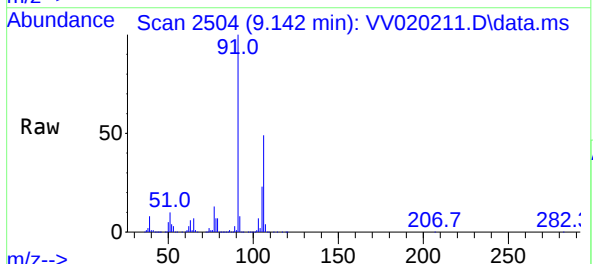
Acq: 28 Jan 2021 11:20

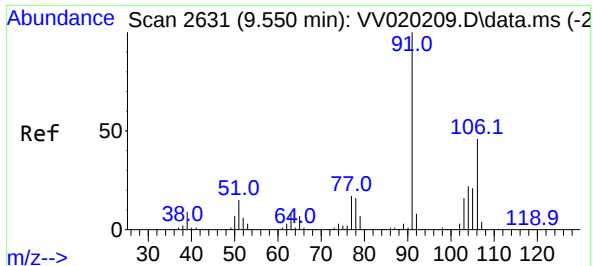
Tgt Ion: 106 Resp: 1230371

Ion Ratio Lower Upper

106 100

91 204.8 147.1 273.1

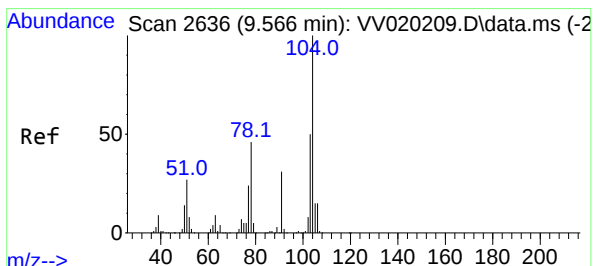
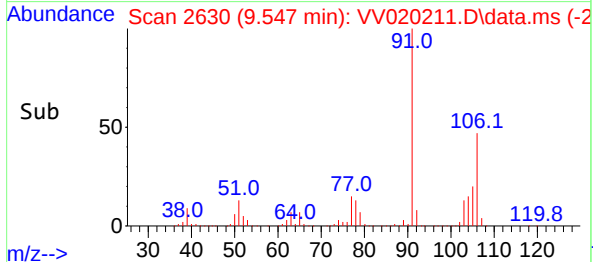
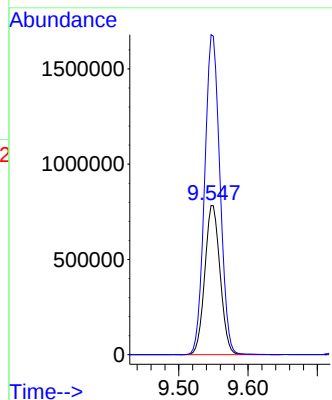
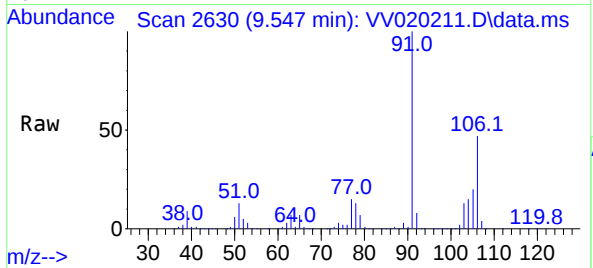




#54
o-xylene
Concen: 21.32 ug/L
RT: 9.547 min Scan# 2630
Delta R.T. -0.003 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

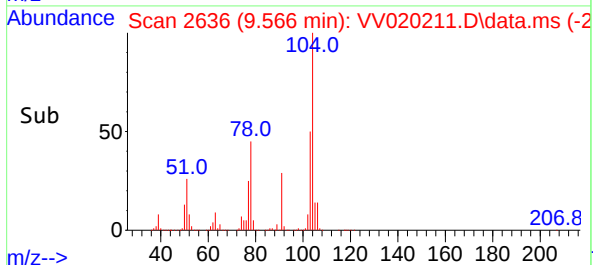
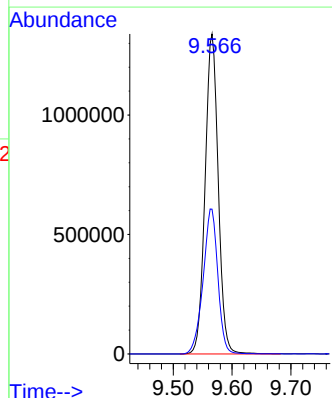
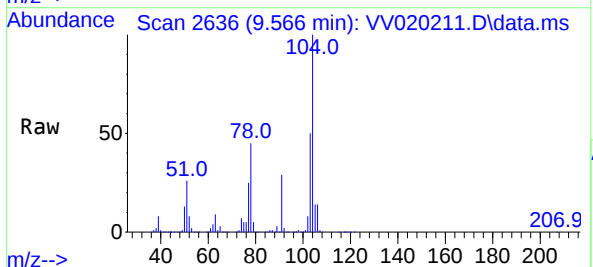
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

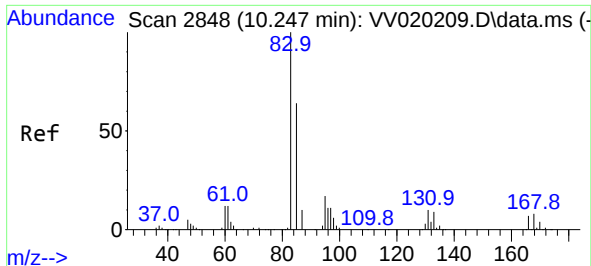
Tgt Ion:106 Resp: 1199839
Ion Ratio Lower Upper
106 100
91 214.3 155.8 289.3



#55
Styrene
Concen: 21.85 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion:104 Resp: 2084201
Ion Ratio Lower Upper
104 100
78 45.2 33.7 62.7

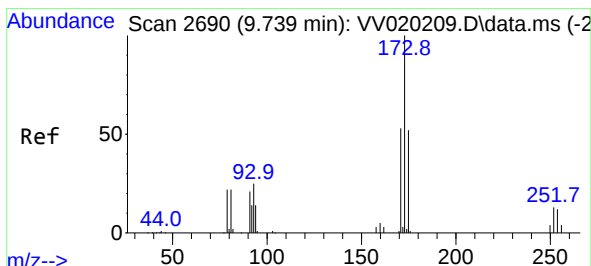
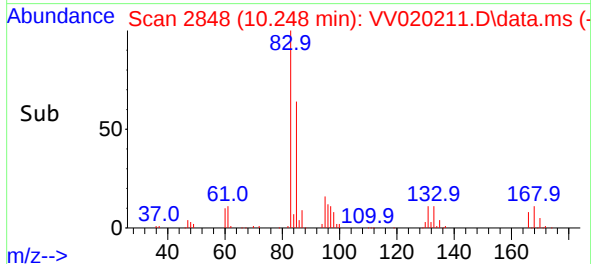
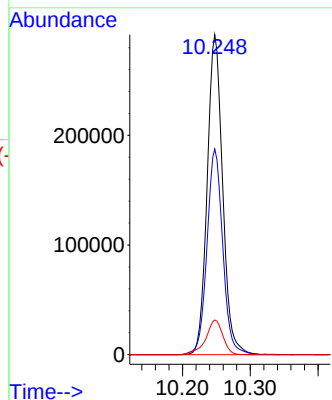
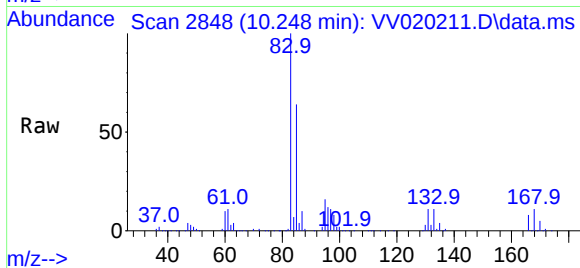




#57
1,1,2,2-Tetrachloroethane
Concen: 19.50 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

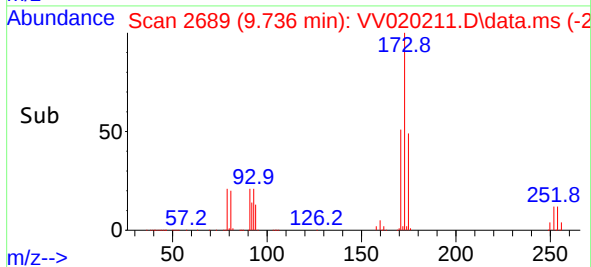
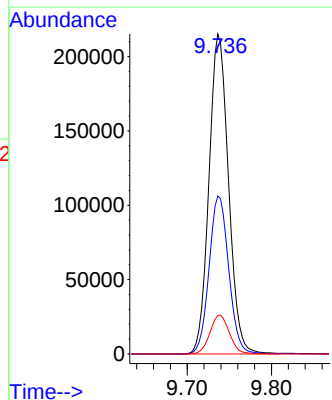
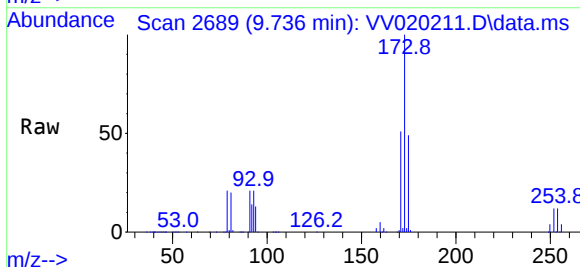
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

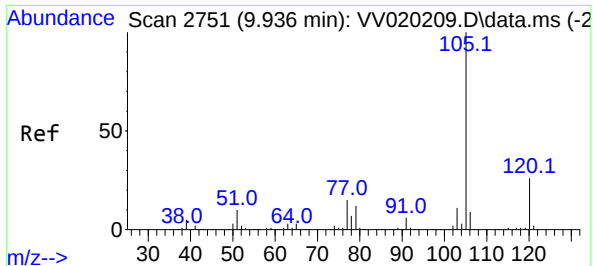
Tgt Ion: 83 Resp: 461993
Ion Ratio Lower Upper
83 100
85 64.3 44.3 82.3
131 10.9 7.4 11.2



#59
Bromoform
Concen: 22.88 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. -0.003 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion:173 Resp: 347257
Ion Ratio Lower Upper
173 100
175 49.7 38.3 57.5
254 12.1 6.4 9.6#

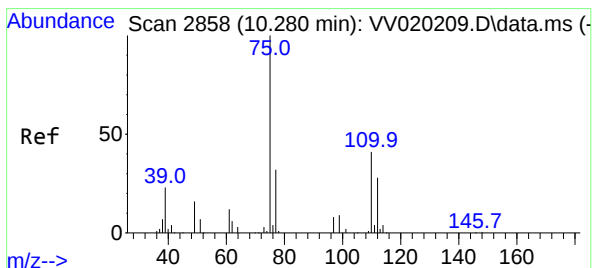
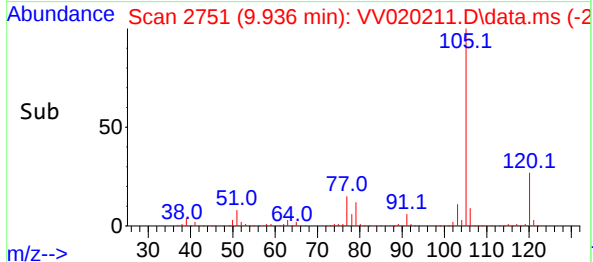
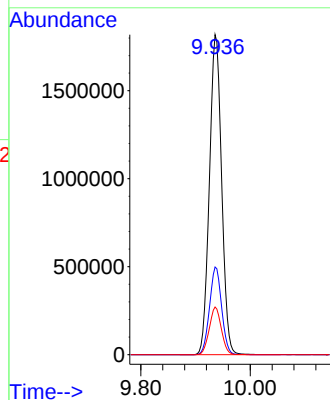
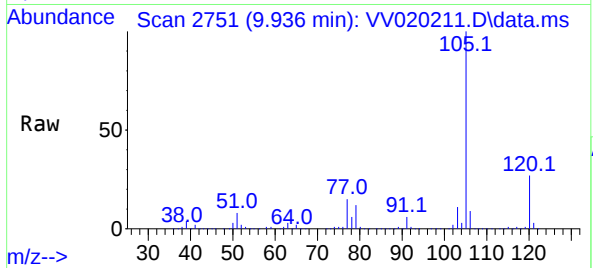




#60
Isopropylbenzene
Concen: 18.05 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

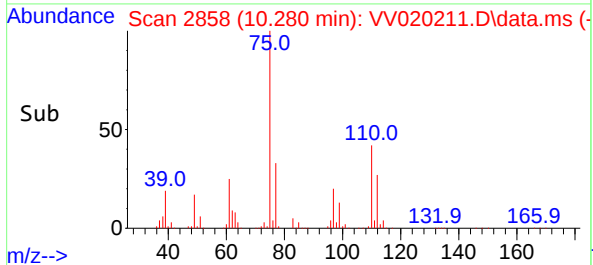
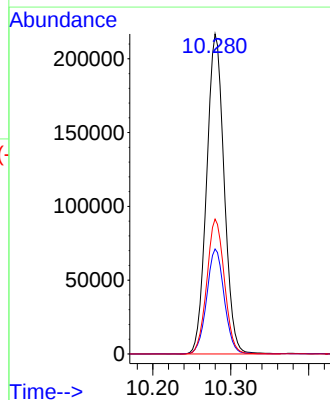
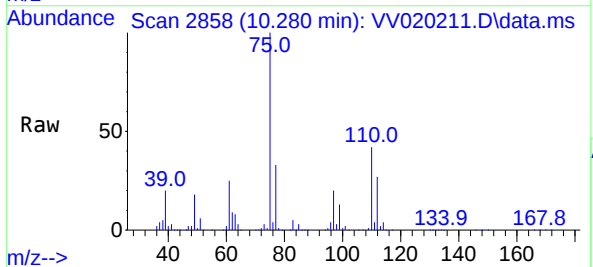
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

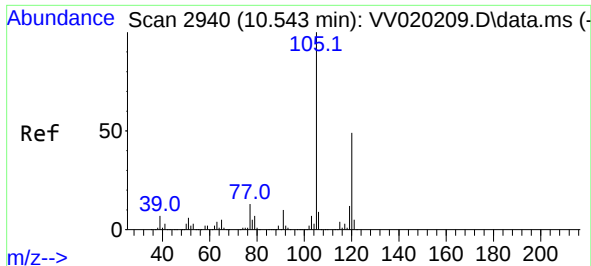
Tgt Ion:105 Resp: 2810761
Ion Ratio Lower Upper
105 100
120 27.1 20.4 30.6
77 14.7 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 18.54 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 75 Resp: 338450
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4
110 42.3 30.5 45.7

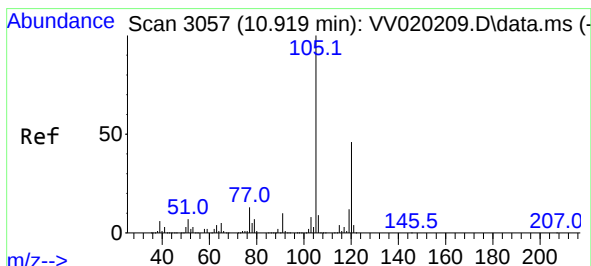
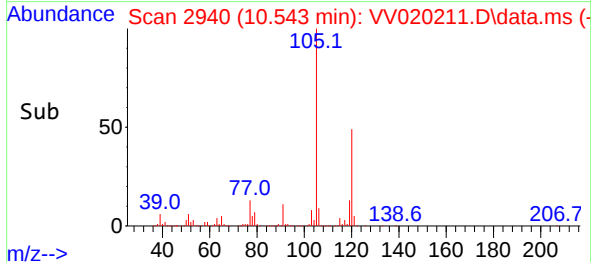
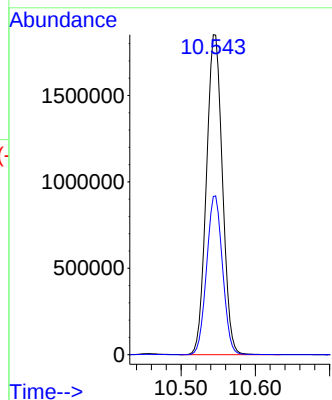
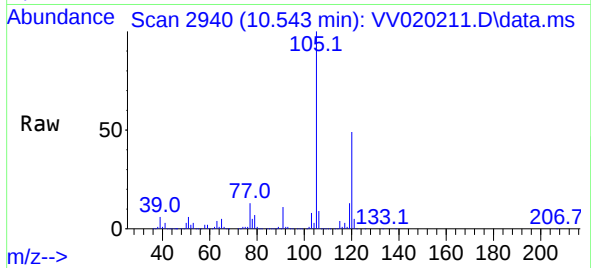




#62
1,3,5-Trimethylbenzene
Concen: 21.48 ug/L
RT: 10.543 min Scan# 2940
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

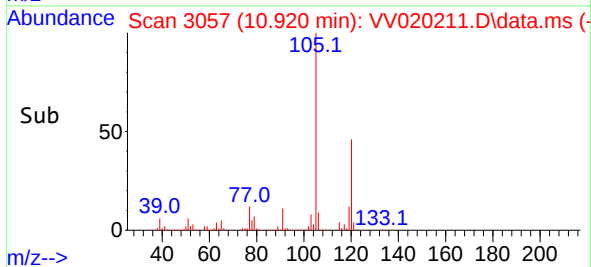
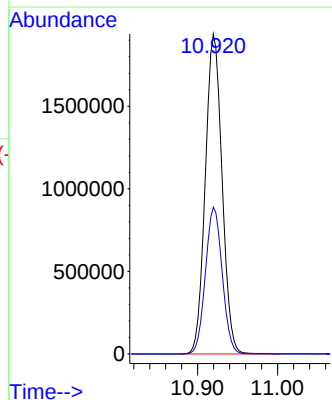
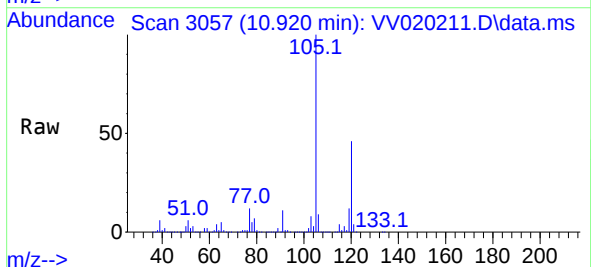
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

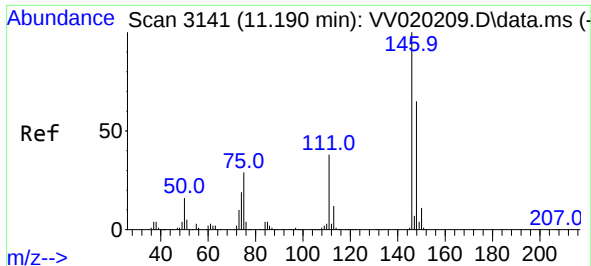
Tgt Ion:105 Resp: 2765965
Ion Ratio Lower Upper
105 100
120 49.4 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 21.42 ug/L
RT: 10.920 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion:105 Resp: 2826740
Ion Ratio Lower Upper
105 100
120 45.9 34.9 52.3

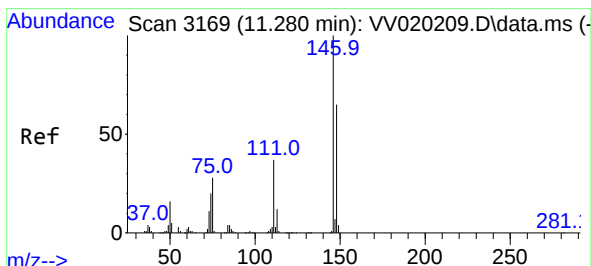
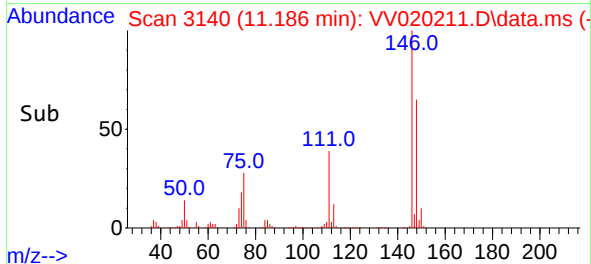
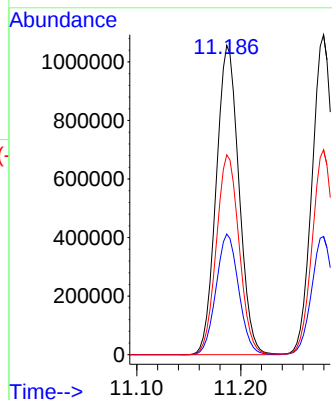
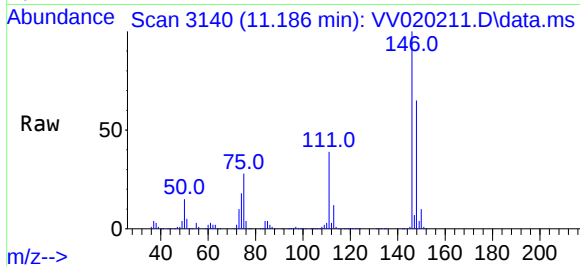




#64
1,3-Dichlorobenzene
Concen: 19.85 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. -0.003 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

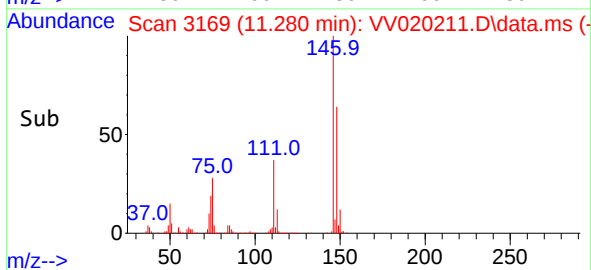
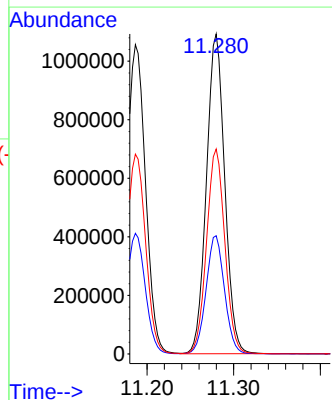
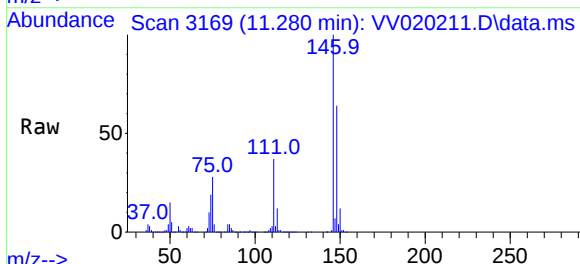
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

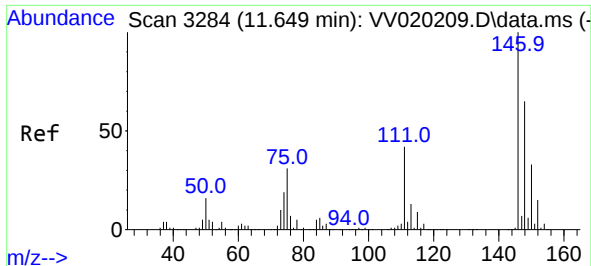
Tgt Ion:146 Resp: 1609602
Ion Ratio Lower Upper
146 100
111 39.0 30.4 56.5
148 64.7 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 19.55 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion:146 Resp: 1603813
Ion Ratio Lower Upper
146 100
111 37.0 29.7 55.1
148 64.0 45.1 83.7

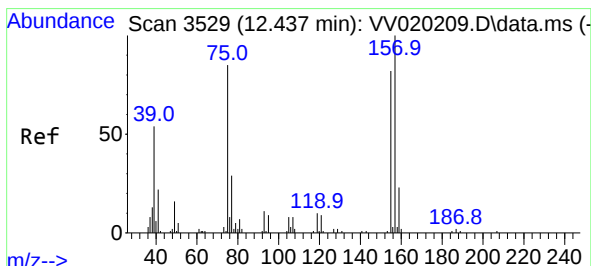
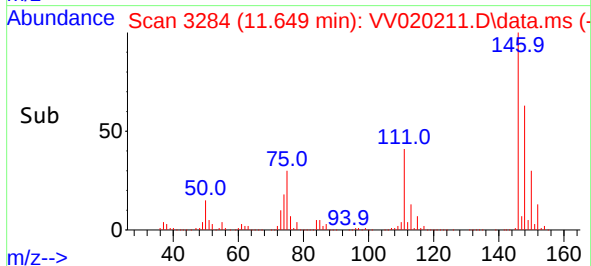
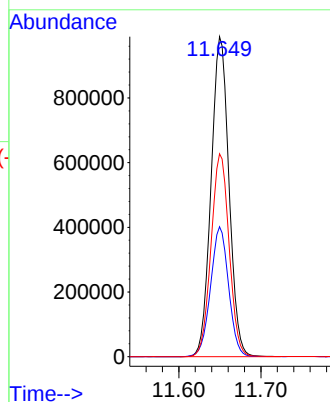
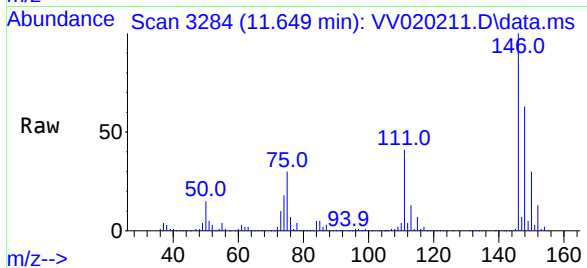




#67
1,2-Dichlorobenzene
Concen: 20.39 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

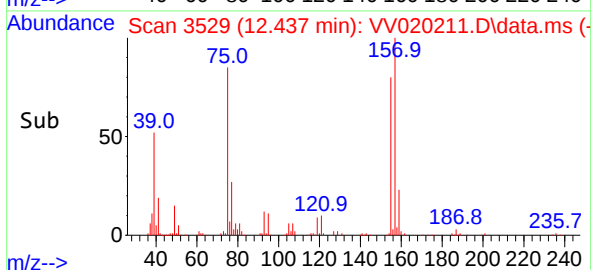
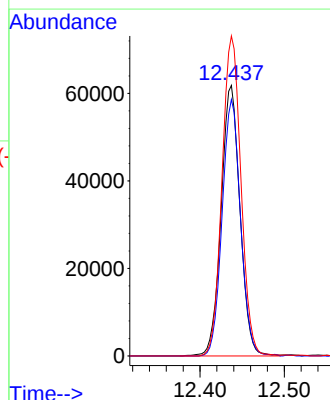
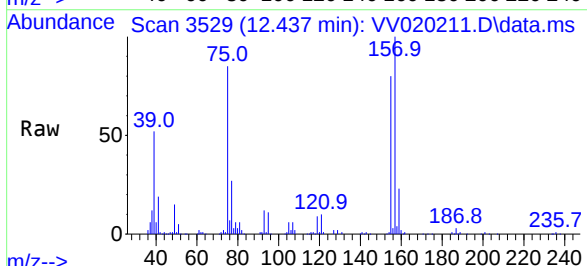
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

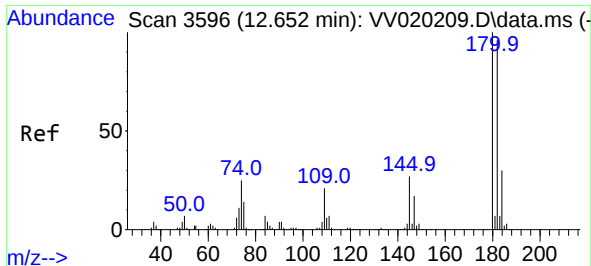
Tgt Ion:146 Resp: 1496970
Ion Ratio Lower Upper
146 100
111 40.6 37.7 56.5
148 63.4 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 22.28 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion: 75 Resp: 95943
Ion Ratio Lower Upper
75 100
155 94.8 56.5 84.7#
157 118.3 74.2 111.2#

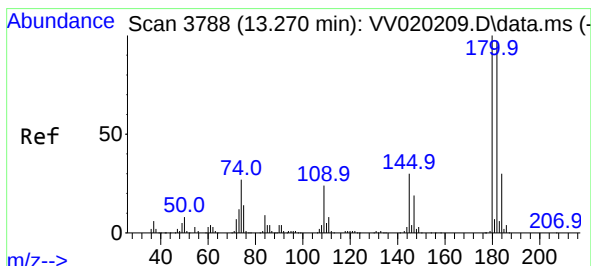
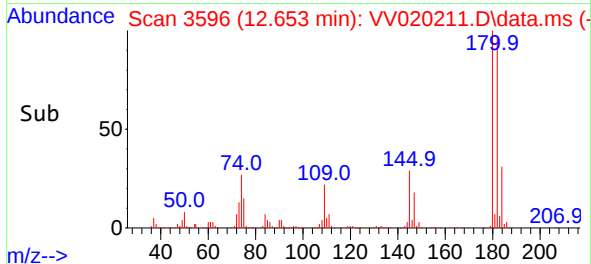
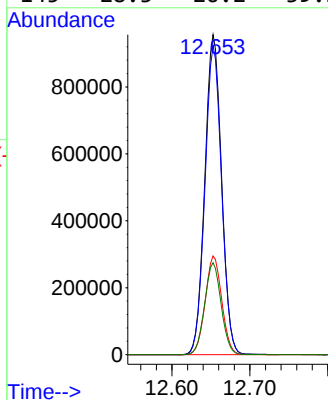
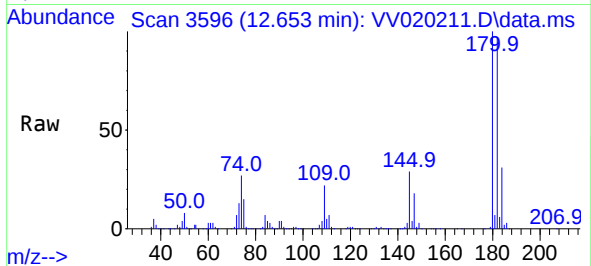




#69
1,3,5-Trichlorobenzene
Concen: 20.44 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

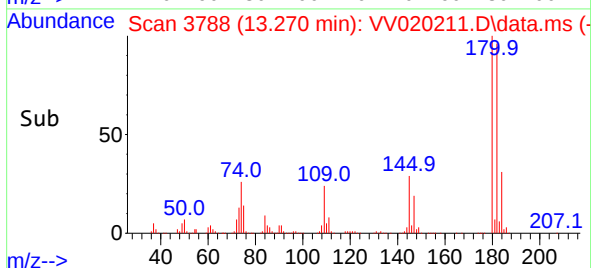
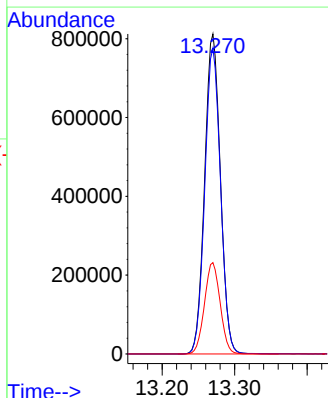
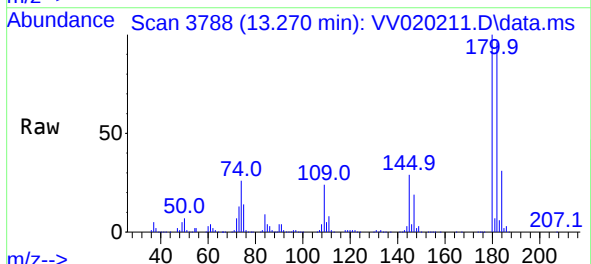
Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

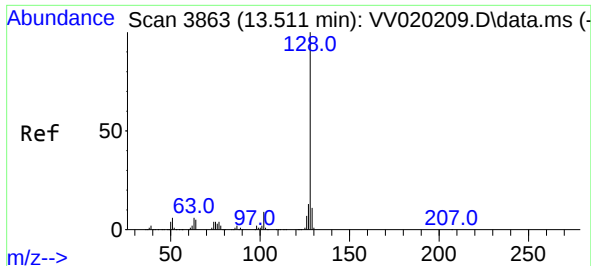
Tgt Ion:180 Resp: 1428141
Ion Ratio Lower Upper
180 100
182 95.9 75.9 113.9
184 30.5 23.5 35.3
145 28.3 26.2 39.2



#70
1,2,4-trichlorobenzene
Concen: 21.57 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion:180 Resp: 1222668
Ion Ratio Lower Upper
180 100
182 95.5 75.9 113.9
145 28.6 26.6 39.8

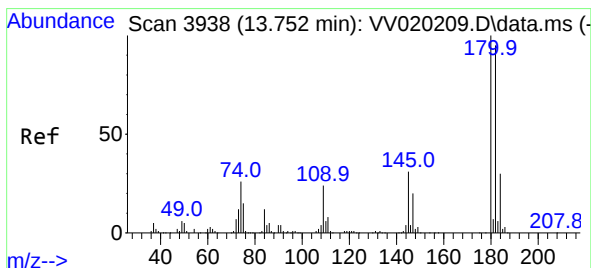
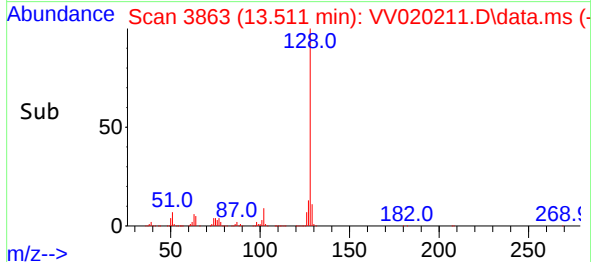
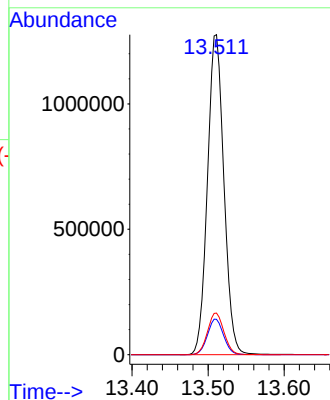
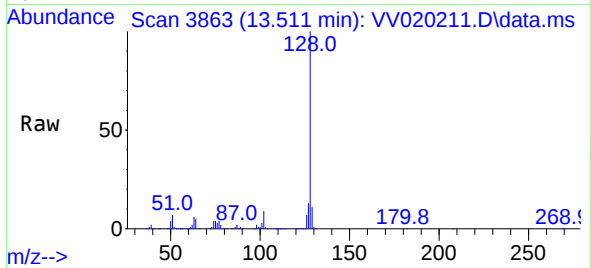




#71
Naphthalene
Concen: 24.83 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD020706

Tgt Ion:128 Resp: 1915343
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 20.66 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020211.D
Acq: 28 Jan 2021 11:20

Tgt Ion:180 Resp: 1036935
Ion Ratio Lower Upper
180 100
182 95.6 74.6 112.0
145 29.8 28.8 43.2

