

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012921\Not Reviewed Data\
 Data File : VW020209.D
 Acq On : 28 Jan 2021 10:33
 Operator : SY/MD
 Sample : VSTD00565
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005704

Quant Time: Jan 28 17:40:46 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	424853	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	413552	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.254	152	233390	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.302	65	154623	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.563	69	129896	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.103	63	203303	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	3.926	46	313238	50.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.58%
24) Chloroform-d	4.354	84	295823	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.039	65	144311	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.051	84	562626	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.074	67	166790	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.318	98	520791	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloroprop...	7.627	79	61733	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.096	63	257022	51.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.40%
56) 1,1,2,2-Tetrachloroeth...	10.225	84	121058	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
66) 1,2-Dichlorobenzene-d4	11.630	152	209544	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.126	85	205099	4.91	ug/L	99
3) Chloromethane	1.238	50	192575	4.70	ug/L	99
5) Vinyl chloride	1.306	62	187726	4.77	ug/L	99
6) Bromomethane	1.518	94	106875	4.71	ug/L	100
8) Chloroethane	1.582	64	111440	4.82	ug/L	99
9) Trichlorofluoromethane	1.749	101	231548	4.91	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.113	101	114631	4.72	ug/L #	79
12) 1,1-Dichloroethene	2.113	96	112820	4.79	ug/L	80
13) Acetone	2.225	43	178315	51.25	ug/L	67
14) Carbon disulfide	2.290	76	442599	4.98	ug/L	100
15) Methyl Acetate	2.450	43	46964	4.58	ug/L #	69
16) Methylene chloride	2.505	84	146029	4.64	ug/L	95
17) Methyl tert-butyl Ether	2.775	73	310193	4.78	ug/L	97
18) trans-1,2-Dichloroethene	2.759	96	149245	4.78	ug/L	93
19) 1,1-Dichloroethane	3.190	63	269304	4.81	ug/L	98
21) 2-Butanone	4.010	43	314742	47.26	ug/L	97
22) cis-1,2-Dichloroethene	3.913	96	152937	4.75	ug/L	90
23) Bromochloromethane	4.251	128	69951	4.99	ug/L #	84
25) Chloroform	4.380	83	280422	4.85	ug/L	99

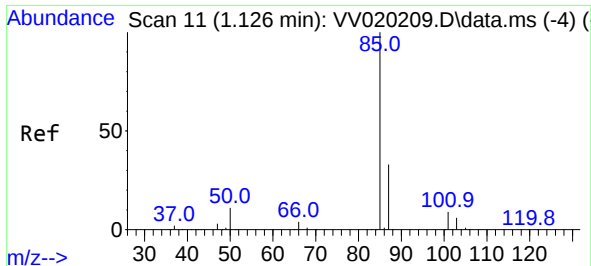
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.138	62	167094	4.84	ug/L	98
29) 1,1,1-Trichloroethane	4.611	97	249767	4.83	ug/L	97
30) Cyclohexane	4.679	56	241790	4.90	ug/L	96
31) Carbon tetrachloride	4.830	117	218430	4.82	ug/L	99
33) Benzene	5.103	78	594300	4.87	ug/L	100
34) Trichloroethene	5.916	95	162704	4.81	ug/L	93
35) Methylcyclohexane	6.135	83	253366	4.97	ug/L	96
37) 1,2-Dichloropropane	6.177	63	145133	4.91	ug/L	97
38) Bromodichloromethane	6.514	83	183020	4.72	ug/L #	99
39) cis-1,3-Dichloropropene	7.032	75	205451	4.98	ug/L	96
40) 4-Methyl-2-pentanone	7.235	43	797452	48.53	ug/L	97
42) Toluene	7.392	91	641674	4.94	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	169077	4.89	ug/L	97
45) 1,1,2-Trichloroethane	7.846	97	98291	4.75	ug/L	96
47) Tetrachloroethene	7.981	164	139348	4.82	ug/L	92
48) 2-Hexanone	8.148	43	564049	49.38	ug/L	98
49) Dibromochloromethane	8.251	129	118700	4.80	ug/L	100
50) 1,2-Dibromoethane	8.357	107	95231	4.81	ug/L #	99
51) Chlorobenzene	8.887	112	406527	4.74	ug/L	94
52) Ethylbenzene	9.016	91	705527	4.85	ug/L	98
53) m,p-xylene	9.141	106	266485	4.91	ug/L	98
54) o-xylene	9.550	106	258743	4.93	ug/L	96
55) Styrene	9.566	104	441998	4.97	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.247	83	115243	5.21	ug/L	99
59) Bromoform	9.739	173	65461	4.82	ug/L #	97
60) Isopropylbenzene	9.936	105	705634	5.06	ug/L	98
61) 1,2,3-Trichloropropane	10.280	75	84835	5.19	ug/L	97
62) 1,3,5-Trimethylbenzene	10.543	105	580106	5.03	ug/L	97
63) 1,2,4-Trimethylbenzene	10.919	105	593817	5.02	ug/L	97
64) 1,3-Dichlorobenzene	11.190	146	347451	4.78	ug/L	96
65) 1,4-Dichlorobenzene	11.280	146	348194	4.74	ug/L	97
67) 1,2-Dichlorobenzene	11.649	146	321664	4.89	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.437	75	17248	4.47	ug/L #	72
69) 1,3,5-Trichlorobenzene	12.652	180	294249	4.70	ug/L	97
70) 1,2,4-trichlorobenzene	13.270	180	246439	4.85	ug/L	98
71) Naphthalene	13.511	128	343409	4.97	ug/L	99
72) 1,2,3-Trichlorobenzene	13.752	180	217444	4.84	ug/L	96

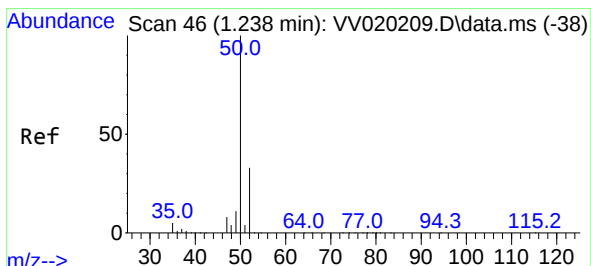
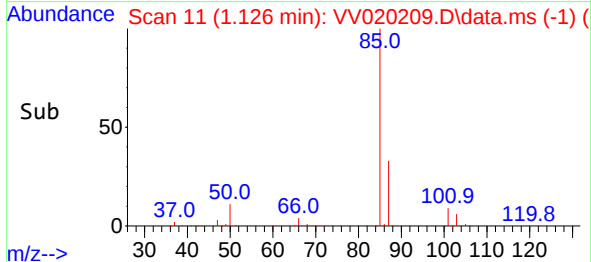
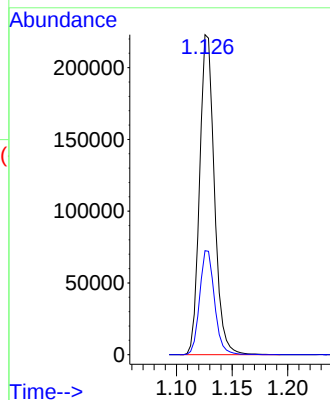
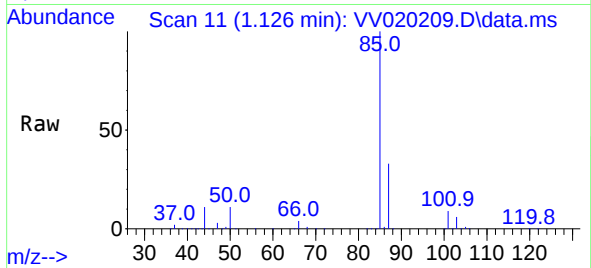
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#2
Dichlorodifluoromethane
Concen: 4.91 ug/L
RT: 1.126 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

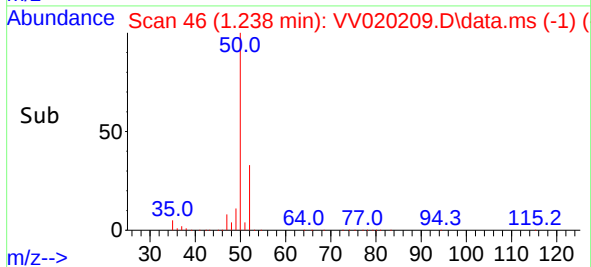
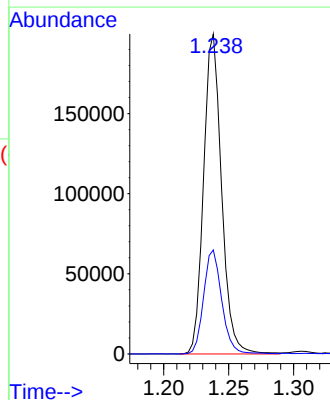
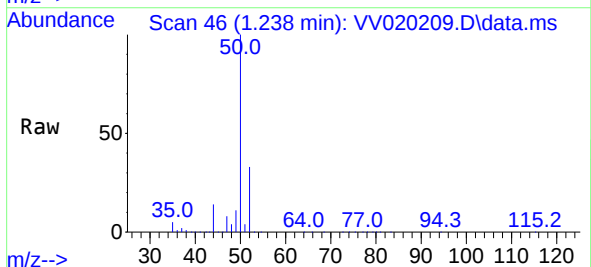
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

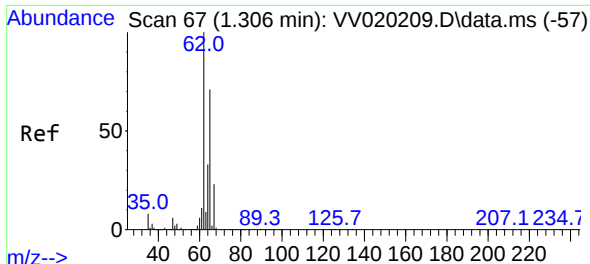
Tgt Ion: 85 Resp: 205099
Ion Ratio Lower Upper
85 100
87 32.8 25.6 38.4



#3
Chloromethane
Concen: 4.70 ug/L
RT: 1.238 min Scan# 46
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion: 50 Resp: 192575
Ion Ratio Lower Upper
50 100
52 32.5 23.1 42.9

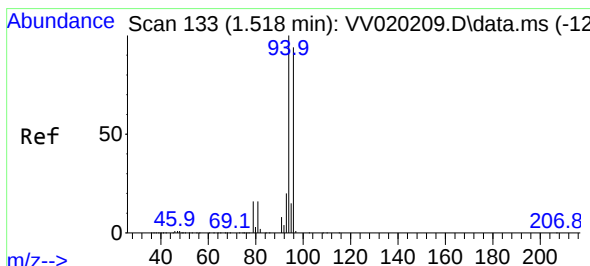
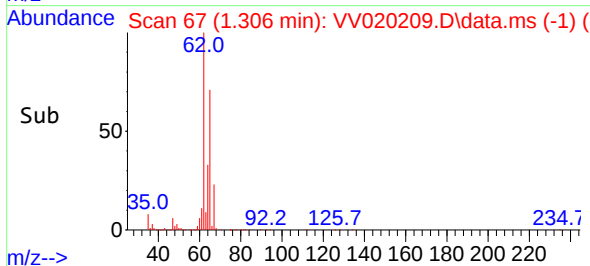
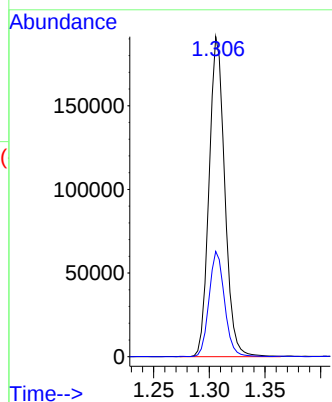
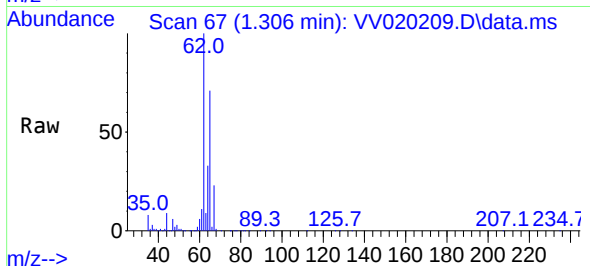




#5
 Vinyl chloride
 Concen: 4.77 ug/L
 RT: 1.306 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: VV020209.D
 Acq: 28 Jan 2021 10:33

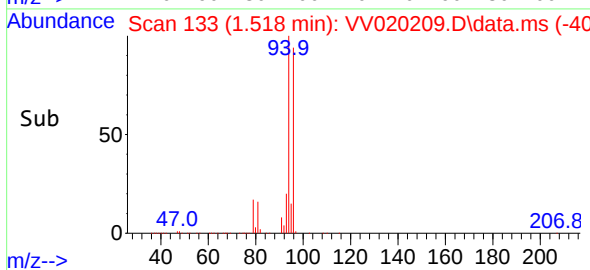
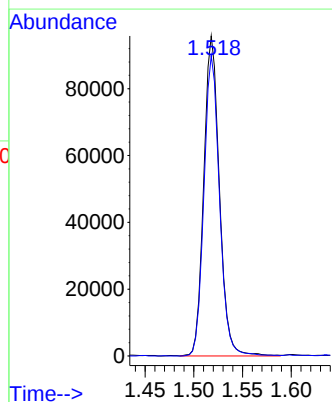
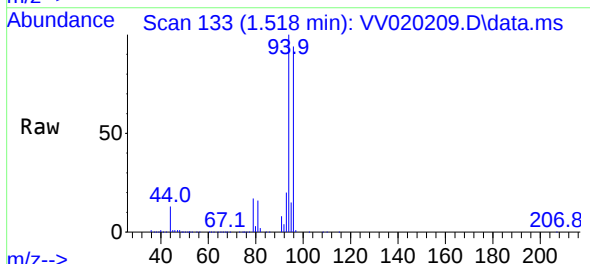
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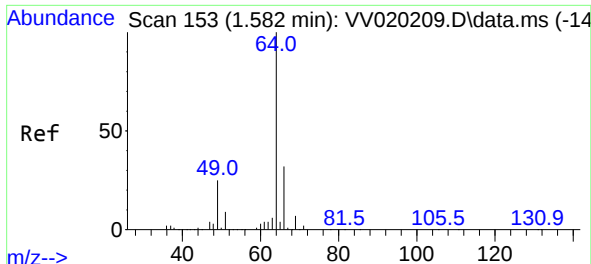
Tgt Ion: 62 Resp: 187726
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.2



#6
 Bromomethane
 Concen: 4.71 ug/L
 RT: 1.518 min Scan# 133
 Delta R.T. 0.000 min
 Lab File: VV020209.D
 Acq: 28 Jan 2021 10:33

Tgt Ion: 94 Resp: 106875
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.6 121.8

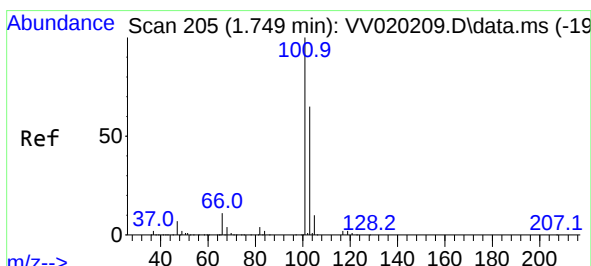
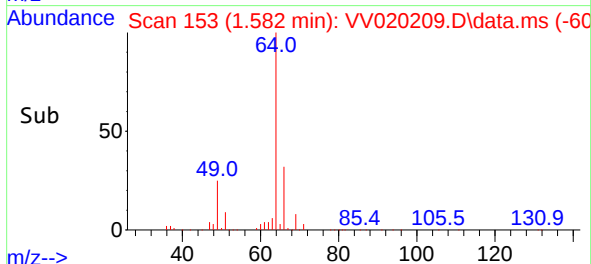
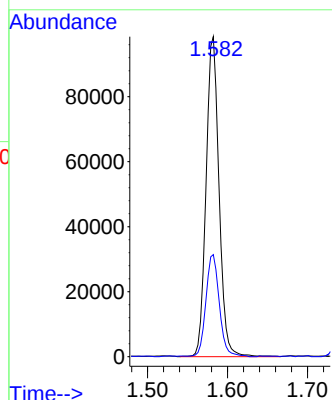
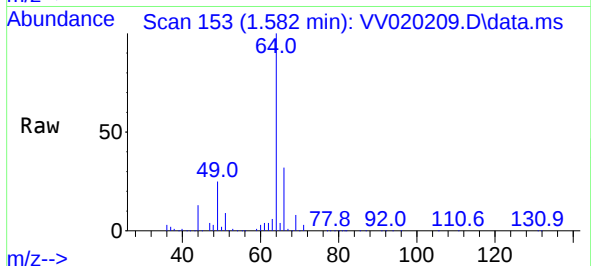




#8
Chloroethane
Concen: 4.82 ug/L
RT: 1.582 min Scan# 153
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

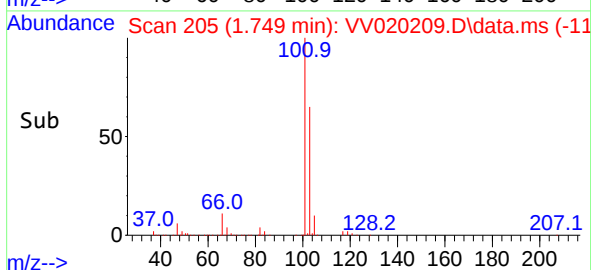
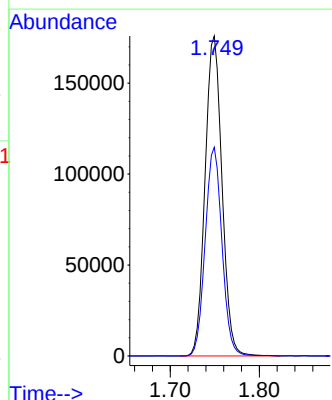
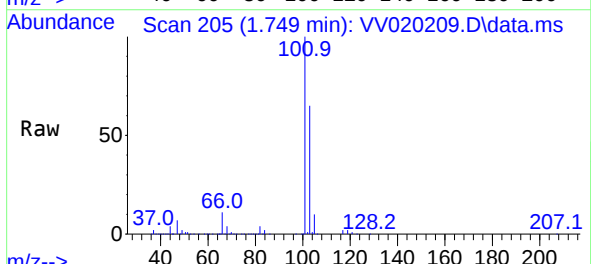
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

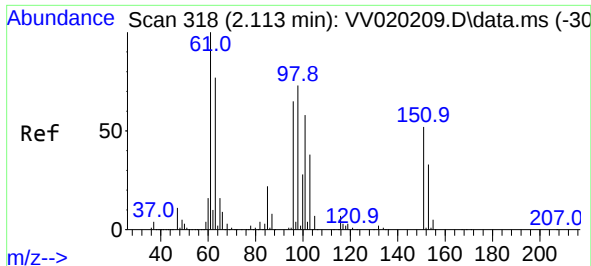
Tgt Ion: 64 Resp: 111440
Ion Ratio Lower Upper
64 100
66 31.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.91 ug/L
RT: 1.749 min Scan# 205
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion:101 Resp: 231548
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8





#10

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

Concen: 4.72 ug/L

RT: 2.113 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV020209.D

Acq: 28 Jan 2021 10:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD005704

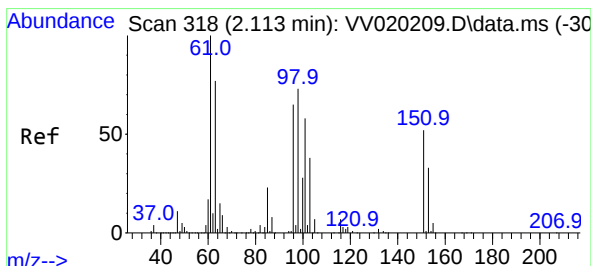
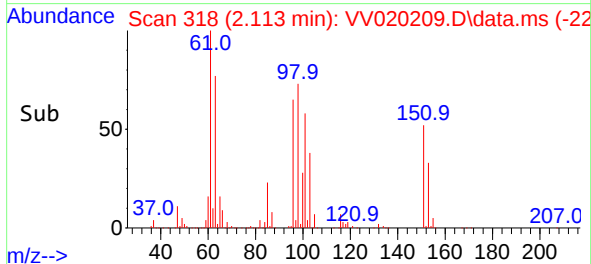
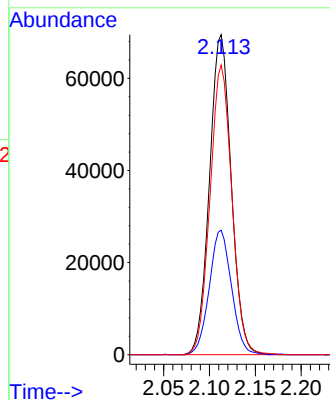
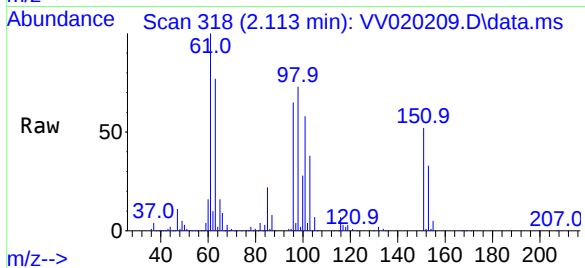
Tgt Ion:101 Resp: 114631

Ion Ratio Lower Upper

101 100

85 39.8 36.4 54.6

151 90.9 54.1 81.1#



#12

1,1-Dichloroethene

Concen: 4.79 ug/L

RT: 2.113 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV020209.D

Acq: 28 Jan 2021 10:33

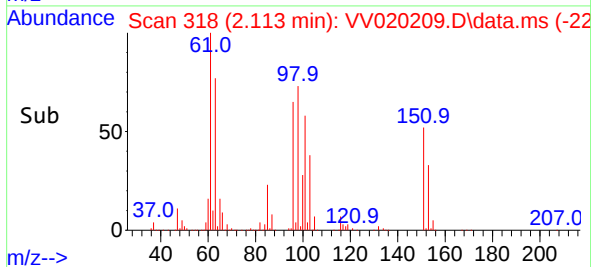
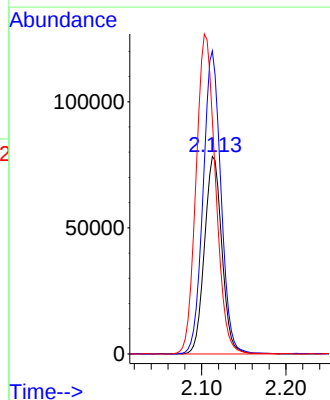
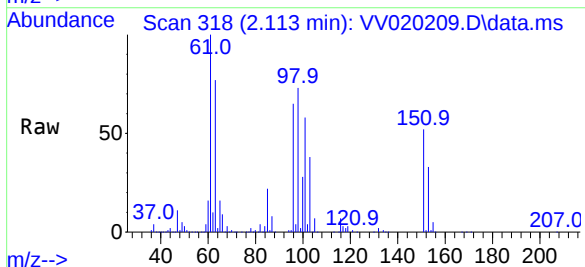
Tgt Ion: 96 Resp: 112820

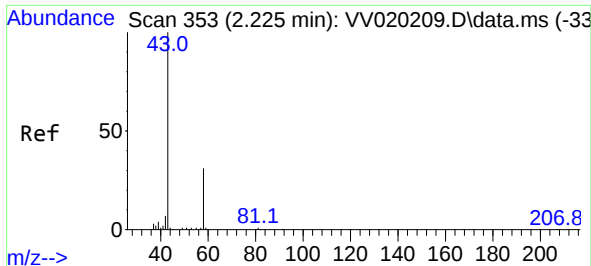
Ion Ratio Lower Upper

96 100

61 153.5 131.5 244.1

63 118.6 95.2 176.8

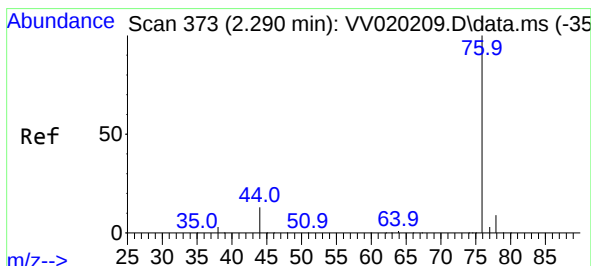
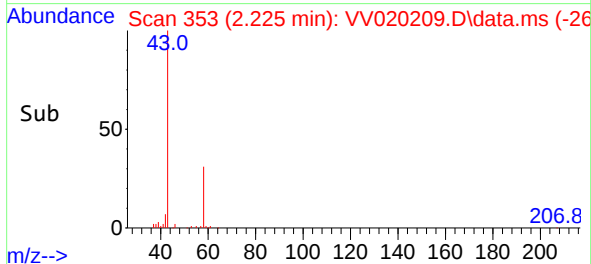
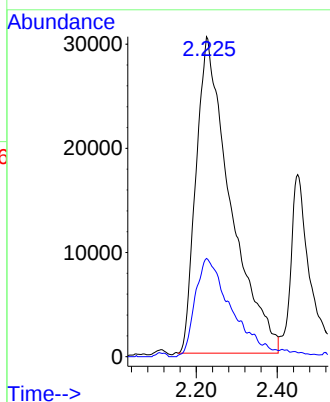
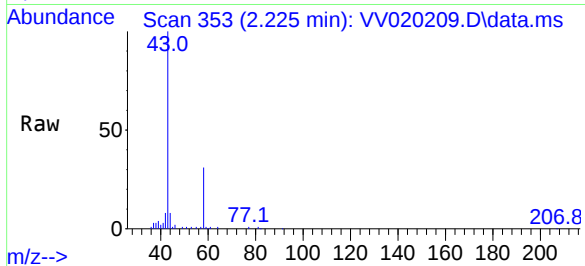




#13
Acetone
Concen: 51.25 ug/L
RT: 2.225 min Scan# 353
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

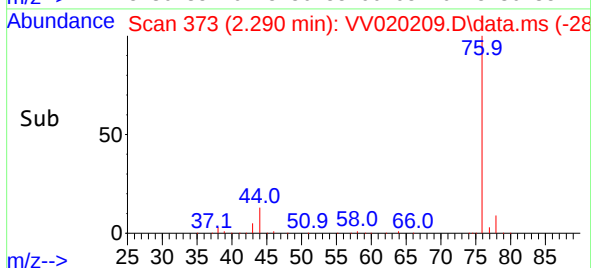
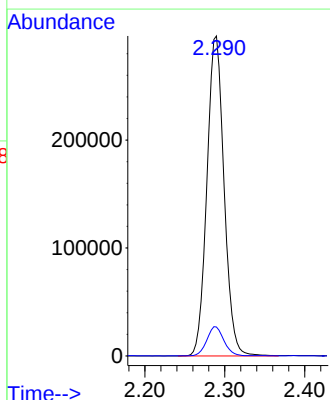
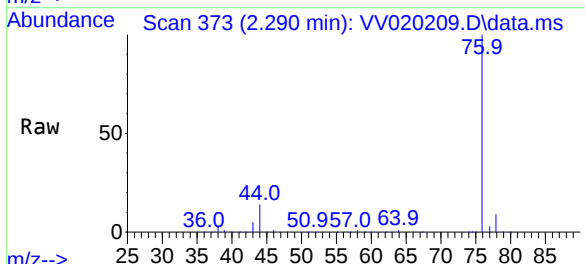
Instrument :
MSVOA_V
ClientSampled :
VSTD005704

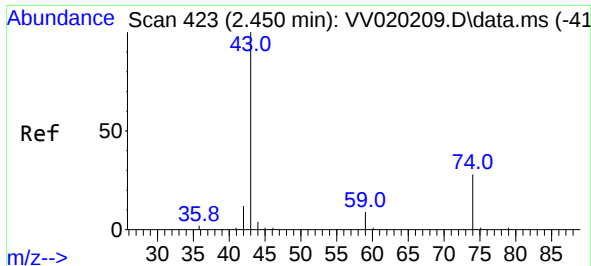
Tgt Ion: 43 Resp: 178315
Ion Ratio Lower Upper
43 100
58 29.5 0.0 31.4



#14
Carbon disulfide
Concen: 4.98 ug/L
RT: 2.290 min Scan# 373
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion: 76 Resp: 442599
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

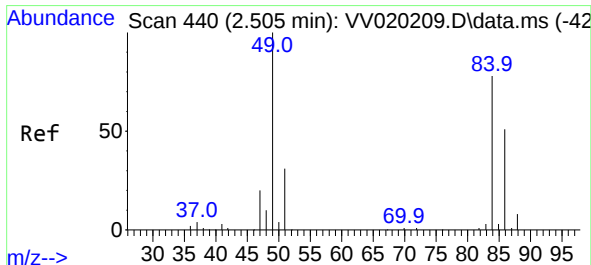
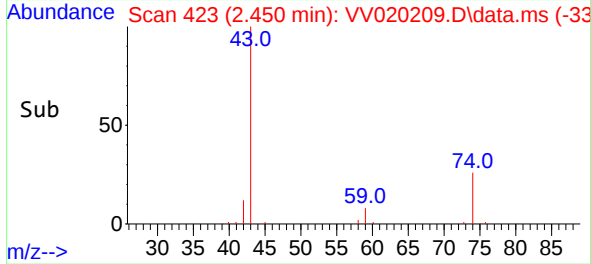
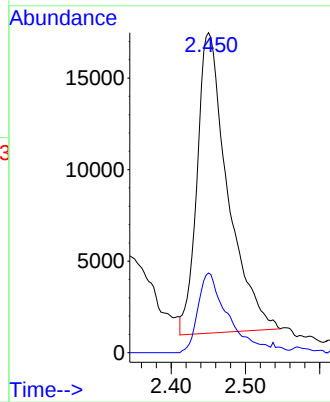
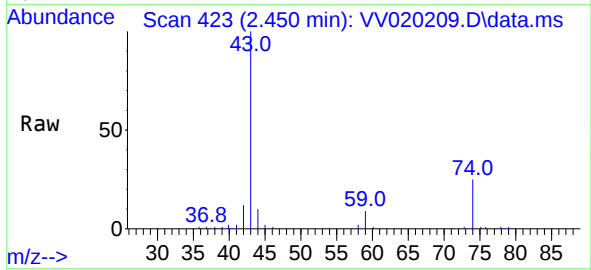




#15
Methyl Acetate
Concen: 4.58 ug/L
RT: 2.450 min Scan# 423
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

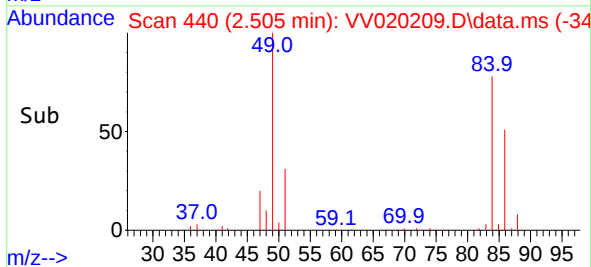
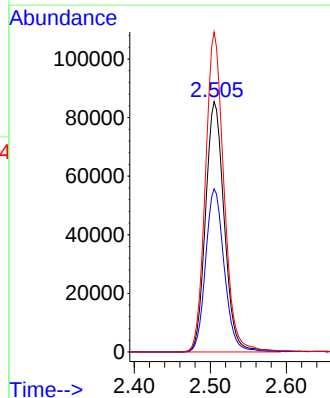
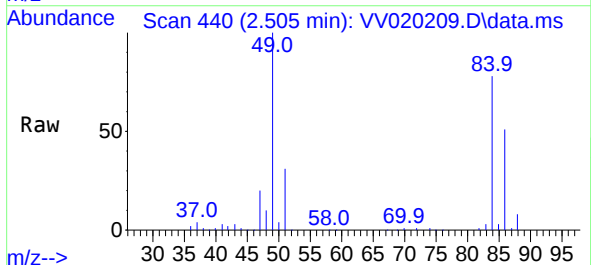
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

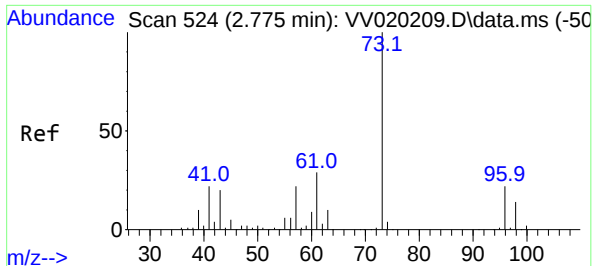
Tgt Ion: 43 Resp: 46964
Ion Ratio Lower Upper
43 100
74 25.9 10.6 16.0#



#16
Methylene chloride
Concen: 4.64 ug/L
RT: 2.505 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion: 84 Resp: 146029
Ion Ratio Lower Upper
84 100
86 65.2 42.8 79.4
49 127.8 93.9 174.3



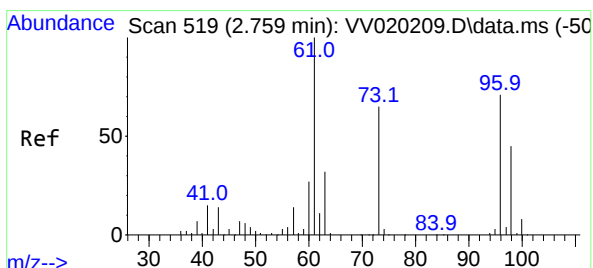
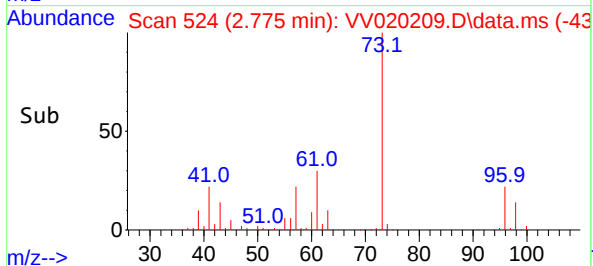
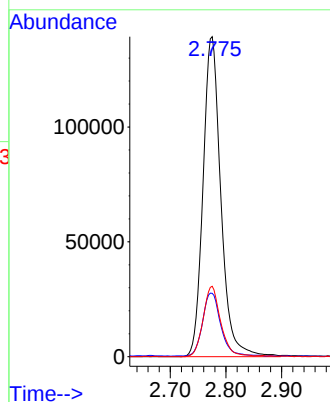
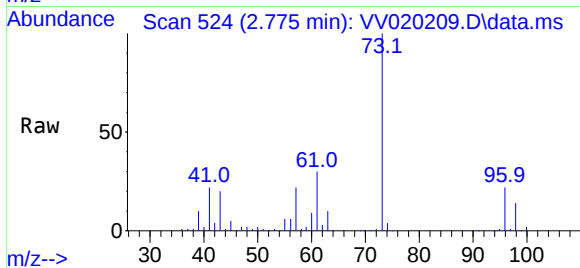


#17
Methyl tert-butyl Ether
Concen: 4.78 ug/L
RT: 2.775 min Scan# 524
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

Tgt Ion: 73 Resp: 310193

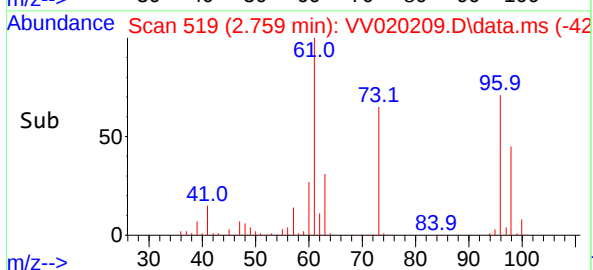
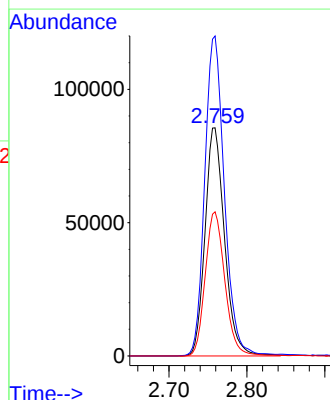
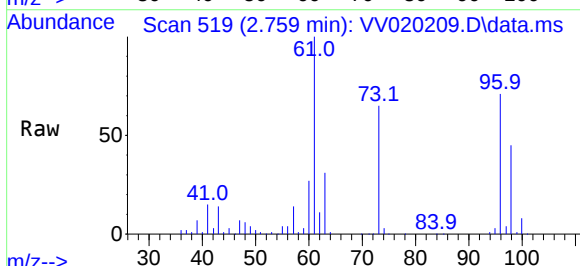
Ion	Ratio	Lower	Upper
73	100		
43	19.9	17.0	25.6
57	21.6	18.2	27.4

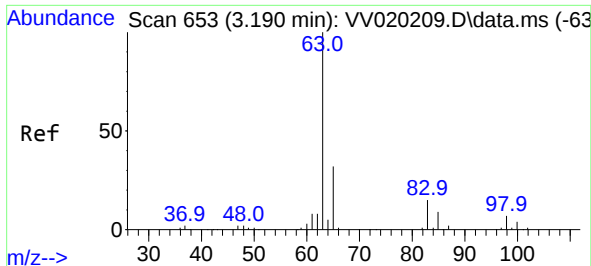


#18
trans-1,2-Dichloroethene
Concen: 4.78 ug/L
RT: 2.759 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion: 96 Resp: 149245

Ion	Ratio	Lower	Upper
96	100		
61	140.3	106.3	197.3
98	63.2	44.7	82.9



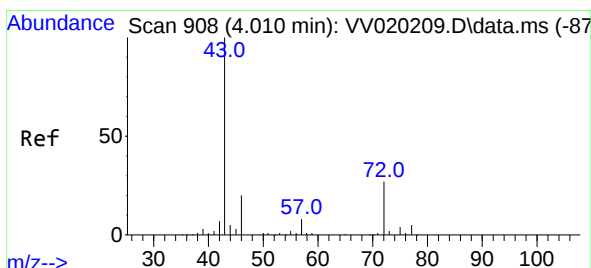
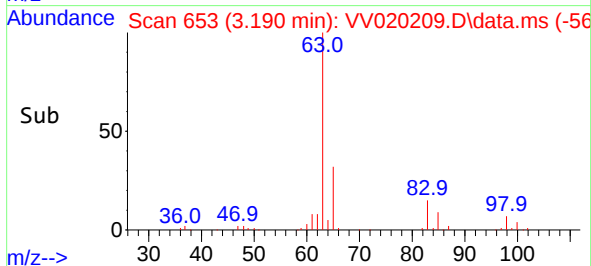
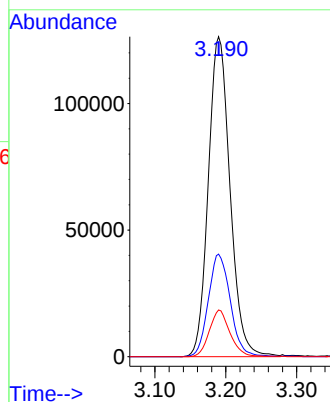
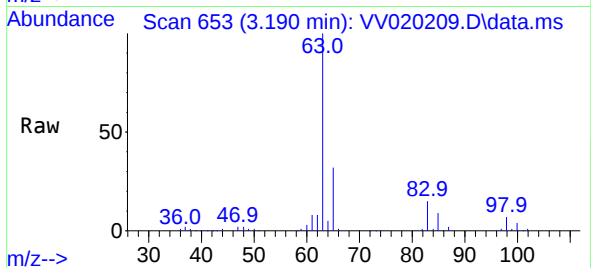


#19
1,1-Dichloroethane
Concen: 4.81 ug/L
RT: 3.190 min Scan# 653
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

Tgt Ion: 63 Resp: 269304

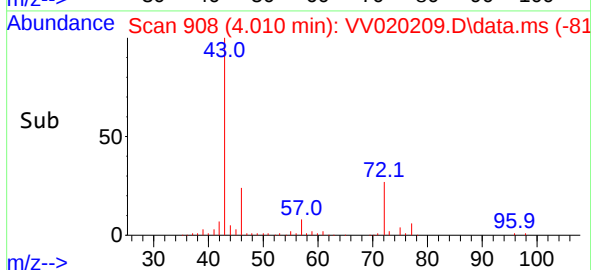
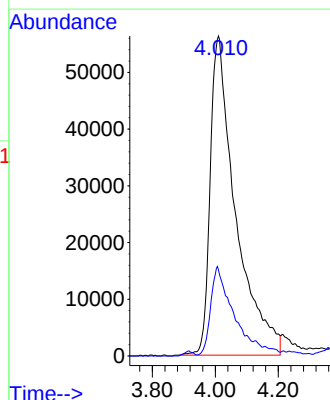
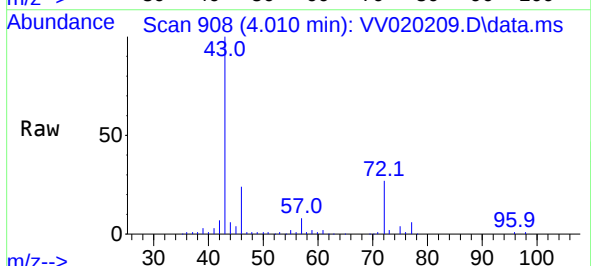
Ion	Ratio	Lower	Upper
63	100		
65	32.0	21.8	40.6
83	14.6	9.0	16.8

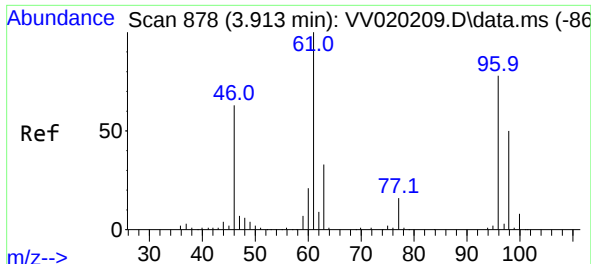


#21
2-Butanone
Concen: 47.26 ug/L
RT: 4.010 min Scan# 908
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion: 43 Resp: 314742

Ion	Ratio	Lower	Upper
43	100		
72	23.1	10.9	32.7

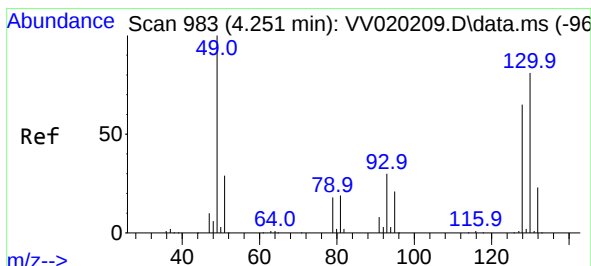
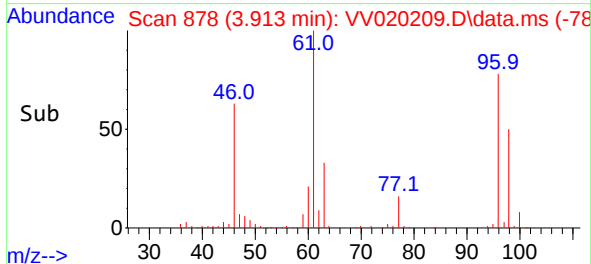
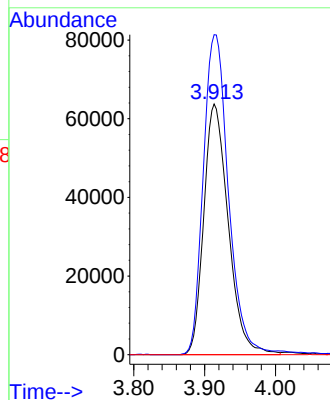
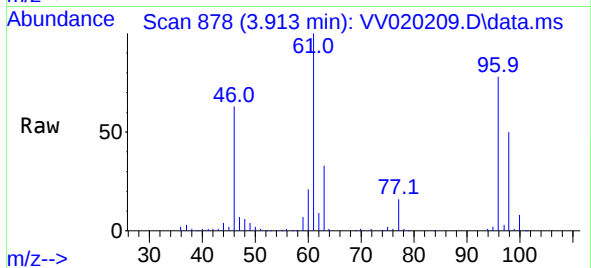




#22
cis-1,2-Dichloroethene
Concen: 4.75 ug/L
RT: 3.913 min Scan# 878
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

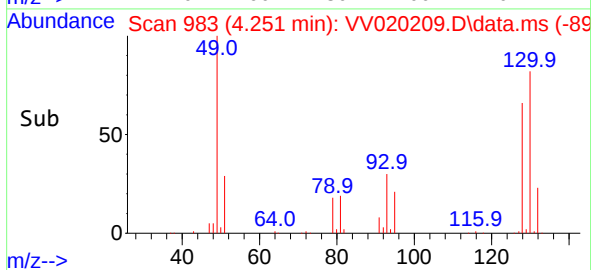
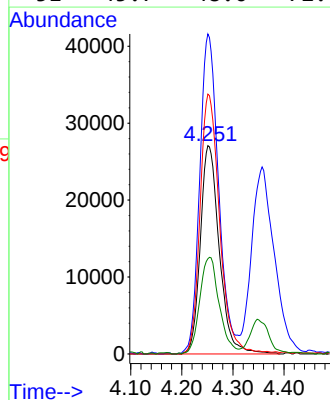
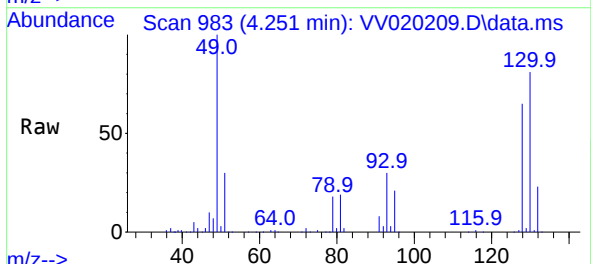
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

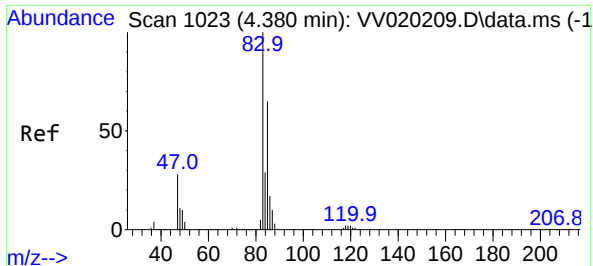
Tgt Ion: 96 Resp: 152937
Ion Ratio Lower Upper
96 100
61 127.6 98.1 182.3
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.99 ug/L
RT: 4.251 min Scan# 983
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion:128 Resp: 69951
Ion Ratio Lower Upper
128 100
49 153.7 132.6 246.2
130 124.8 86.4 160.4
51 45.7 48.0 72.0#



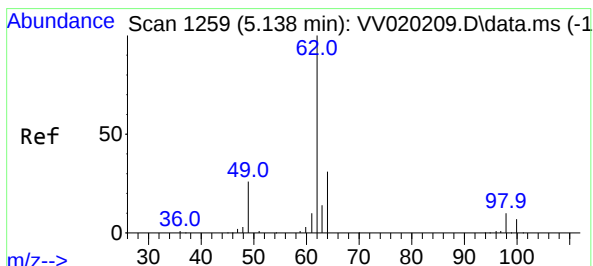
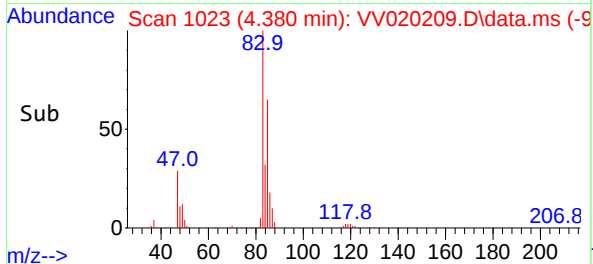
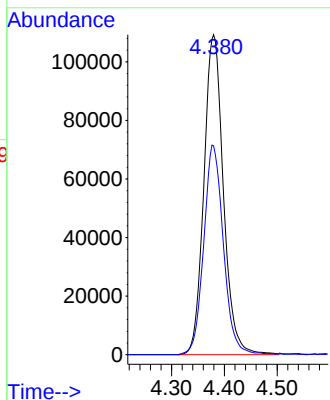
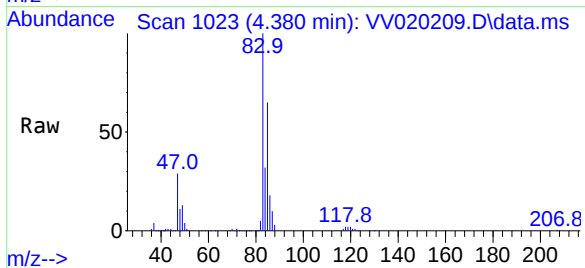


#25

Chloroform
Concen: 4.85 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Instrument :
MSVOA_V
ClientSampled :
VSTD005704

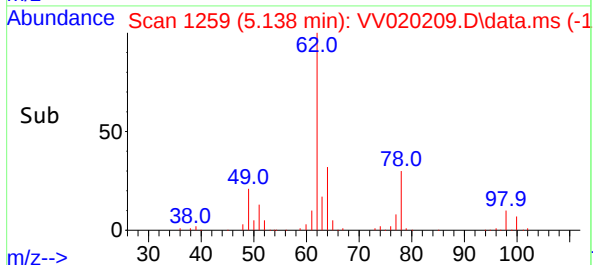
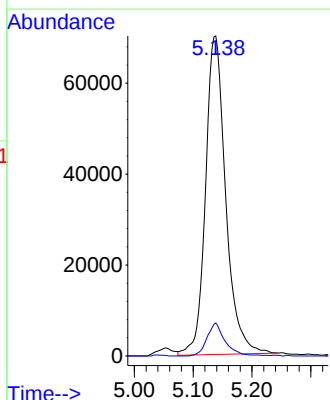
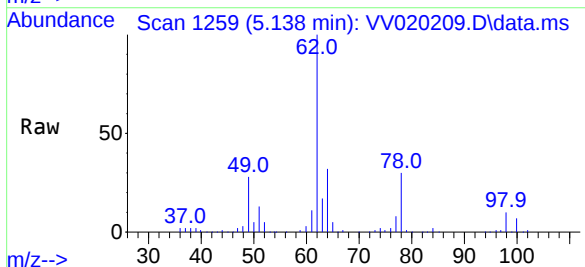
Tgt Ion: 83 Resp: 280422
Ion Ratio Lower Upper
83 100
85 65.3 46.4 86.2

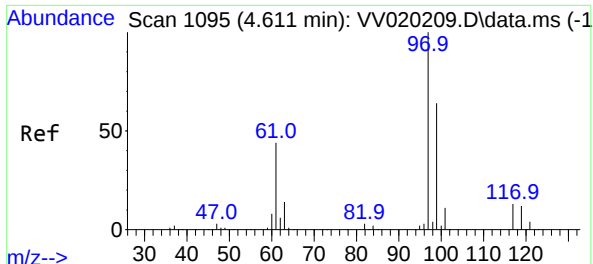


#27

1,2-Dichloroethane
Concen: 4.84 ug/L
RT: 5.138 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion: 62 Resp: 167094
Ion Ratio Lower Upper
62 100
98 10.3 7.6 11.4



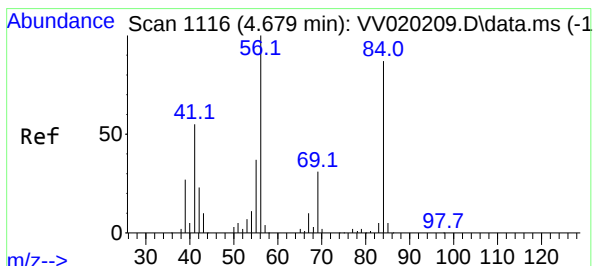
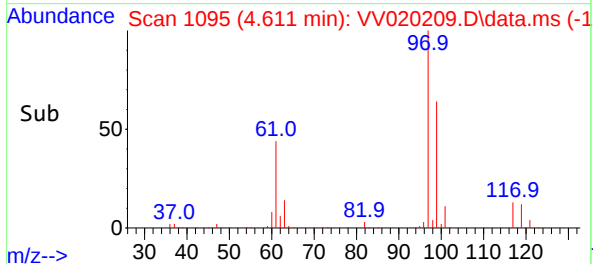
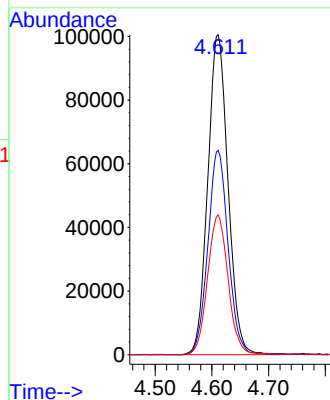
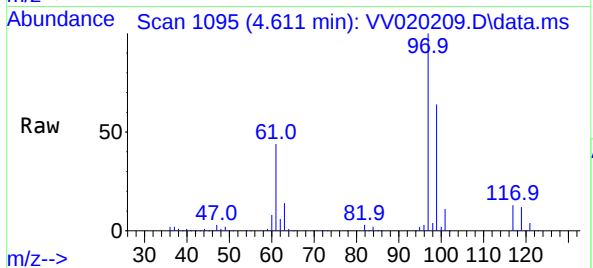


#29

1,1,1-Trichloroethane
Concen: 4.83 ug/L
RT: 4.611 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Instrument :
MSVOA_V
ClientSampled :
VSTD005704

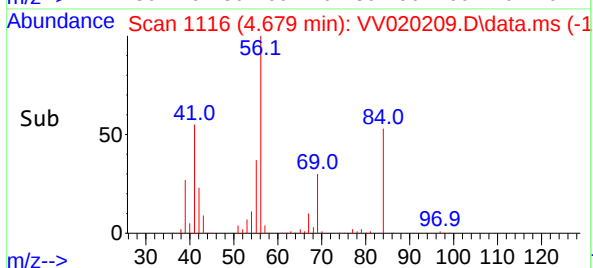
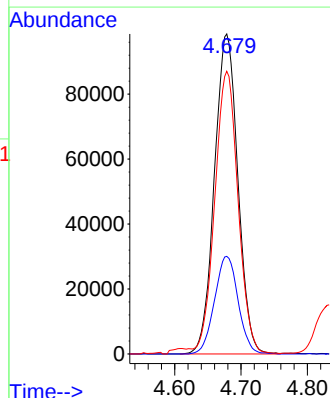
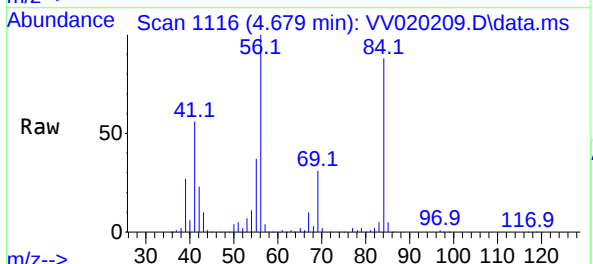
Tgt Ion: 97 Resp: 249767
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 44.3 38.6 57.8

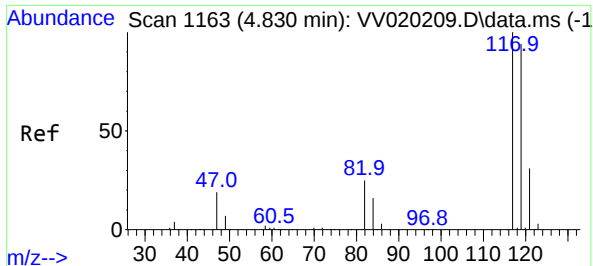


#30

Cyclohexane
Concen: 4.90 ug/L
RT: 4.679 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion: 56 Resp: 241790
Ion Ratio Lower Upper
56 100
69 30.8 24.1 36.1
84 87.9 66.8 100.2

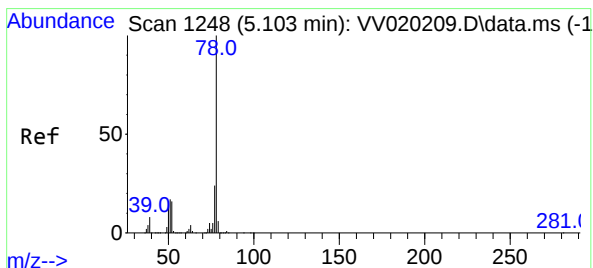
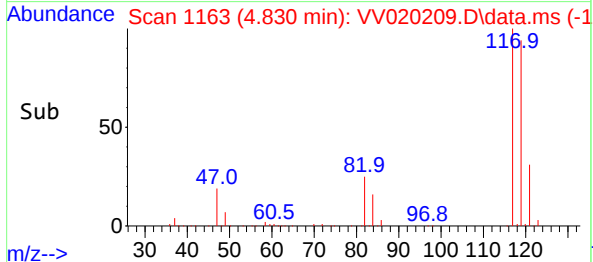
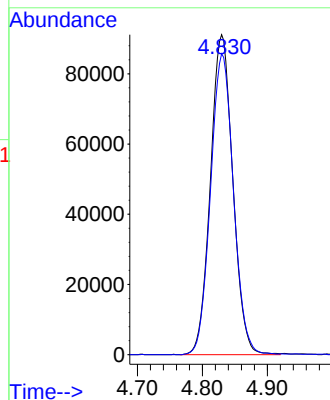
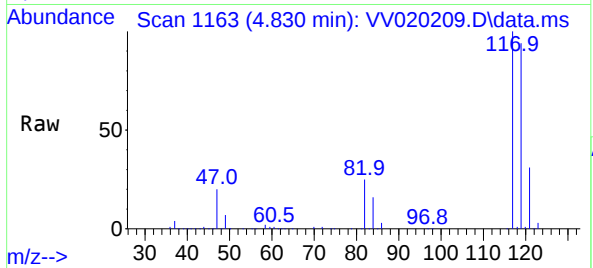




#31
Carbon tetrachloride
Concen: 4.82 ug/L
RT: 4.830 min Scan# 1163
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

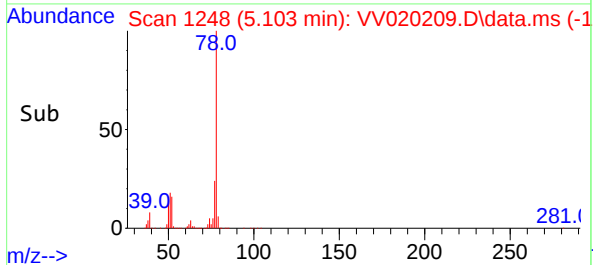
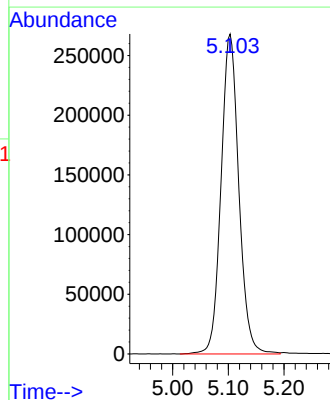
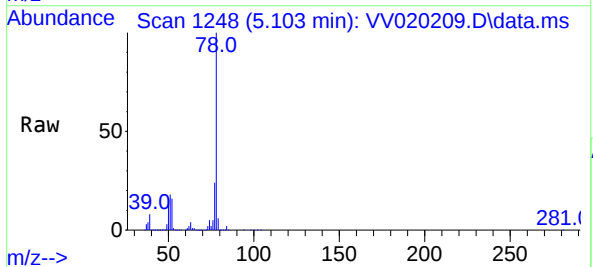
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

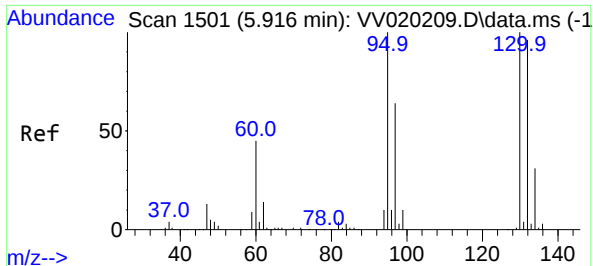
Tgt Ion:117 Resp: 218430
Ion Ratio Lower Upper
117 100
119 95.9 76.0 114.0



#33
Benzene
Concen: 4.87 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion: 78 Resp: 594300

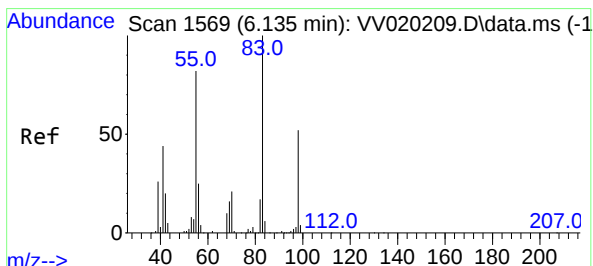
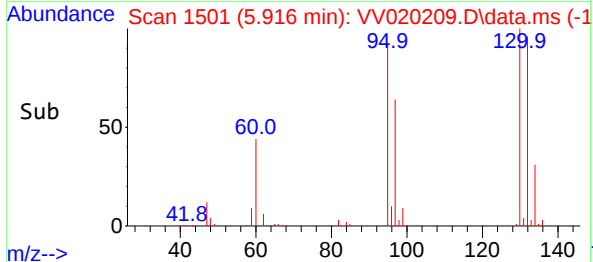
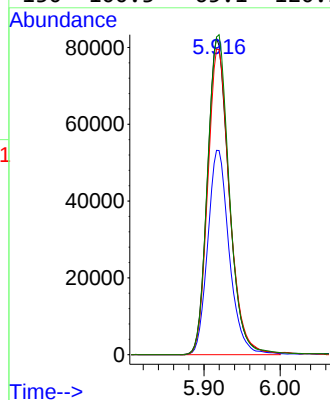
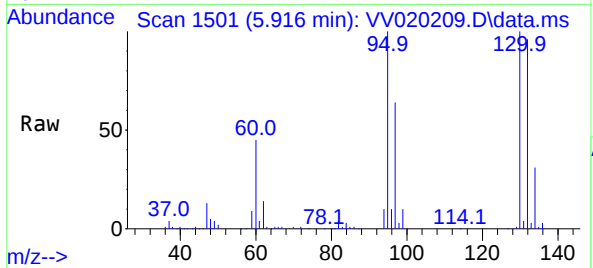




#34
Trichloroethene
Concen: 4.81 ug/L
RT: 5.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

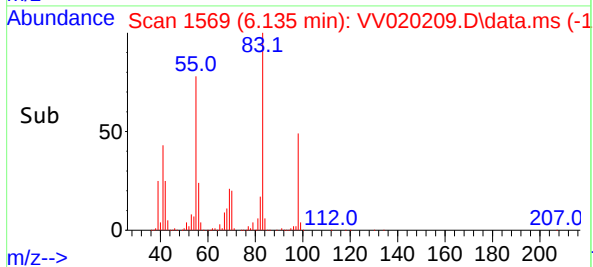
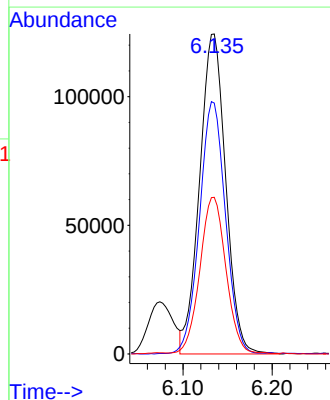
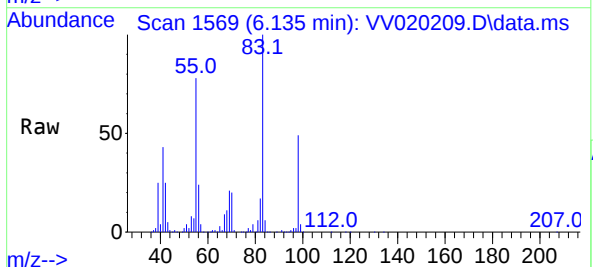
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

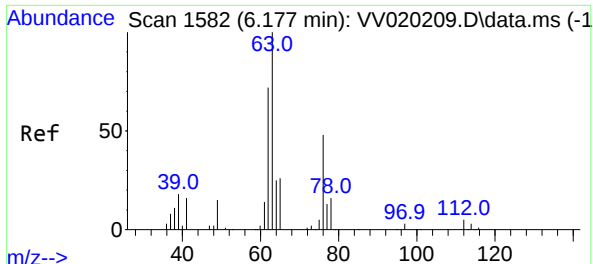
Tgt Ion: 95 Resp: 162704
Ion Ratio Lower Upper
95 100
97 64.5 44.1 81.9
132 96.5 61.2 113.8
130 100.3 65.1 120.9



#35
Methylcyclohexane
Concen: 4.97 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion: 83 Resp: 253366
Ion Ratio Lower Upper
83 100
55 78.6 67.5 101.3
98 48.7 38.6 58.0

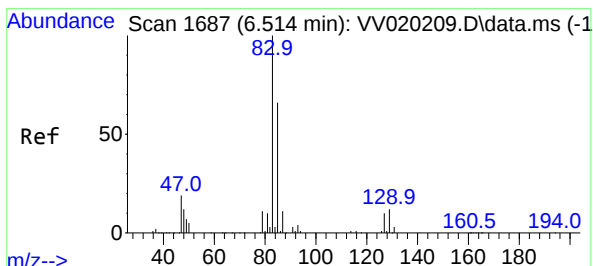
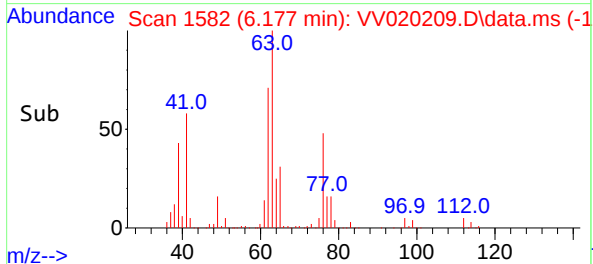
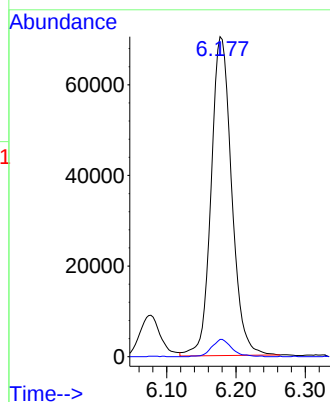
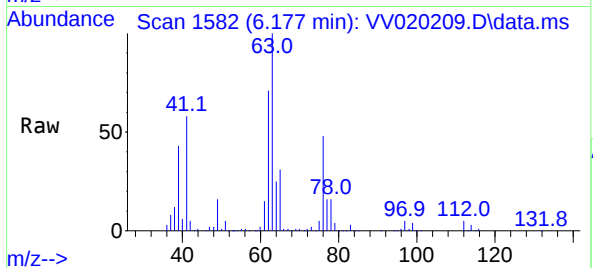




#37
1,2-Dichloropropane
Concen: 4.91 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

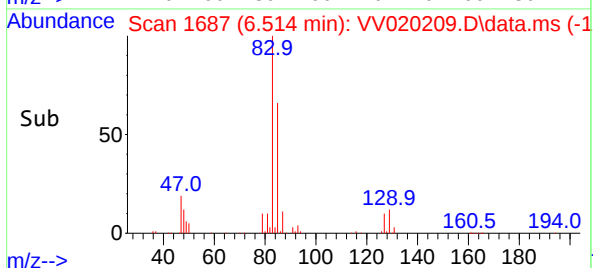
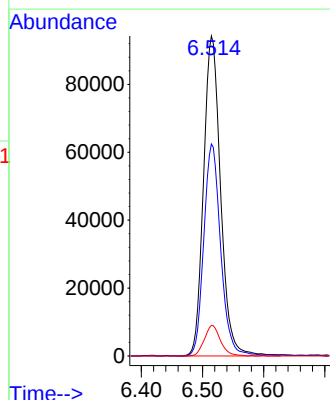
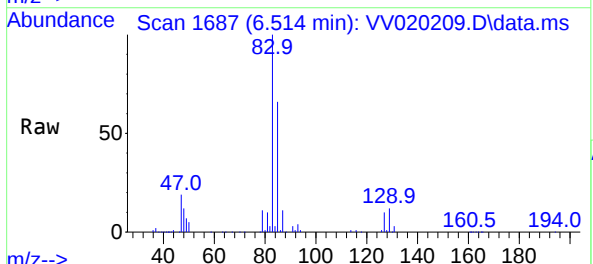
Instrument :
MSVOA_V
ClientSampled :
VSTD005704

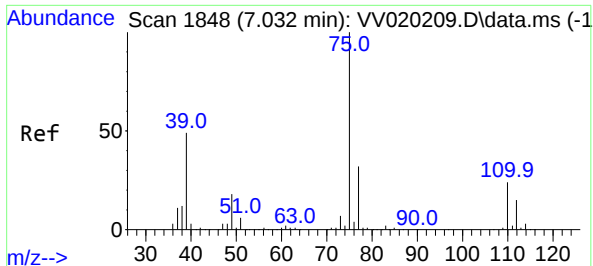
Tgt Ion: 63 Resp: 145133
Ion Ratio Lower Upper
63 100
112 5.3 3.6 5.4



#38
Bromodichloromethane
Concen: 4.72 ug/L
RT: 6.514 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion: 83 Resp: 183020
Ion Ratio Lower Upper
83 100
85 66.2 45.9 85.3
127 9.6 6.2 9.2#

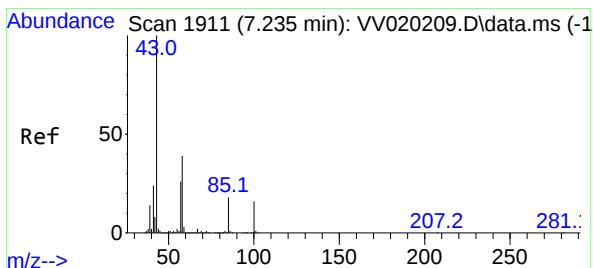
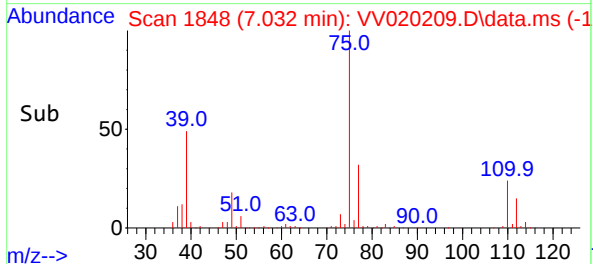
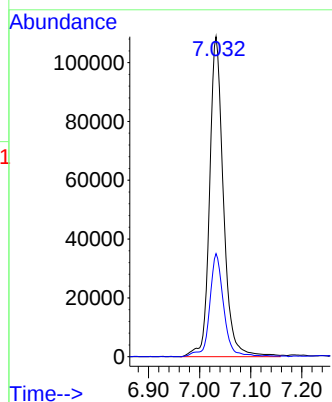
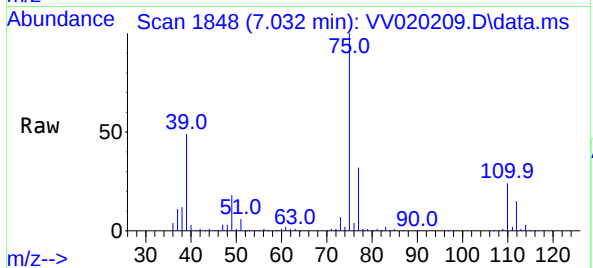




#39
 cis-1,3-Dichloropropene
 Concen: 4.98 ug/L
 RT: 7.032 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: VV020209.D
 Acq: 28 Jan 2021 10:33

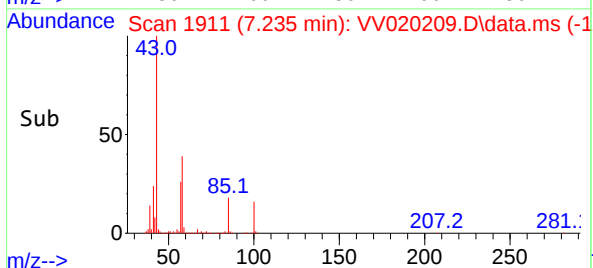
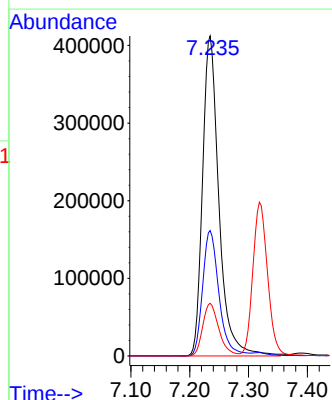
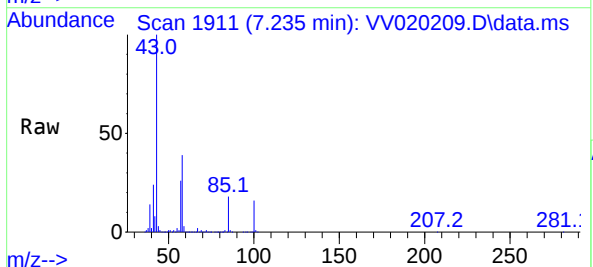
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005704

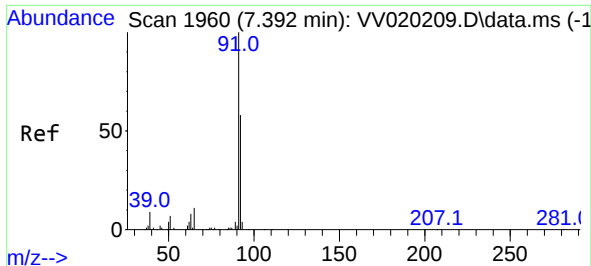
Tgt Ion: 75 Resp: 205451
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.0 39.0



#40
 4-Methyl-2-pentanone
 Concen: 48.53 ug/L
 RT: 7.235 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VV020209.D
 Acq: 28 Jan 2021 10:33

Tgt Ion: 43 Resp: 797452
 Ion Ratio Lower Upper
 43 100
 58 39.1 30.0 45.0
 100 16.2 11.4 17.0

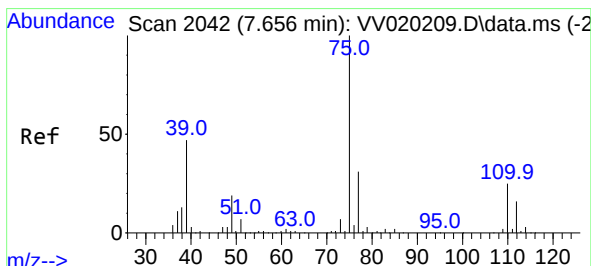
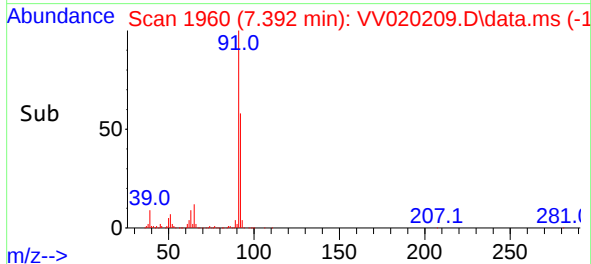
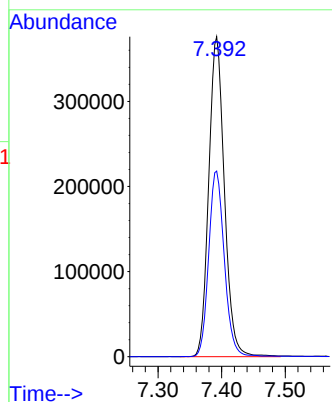
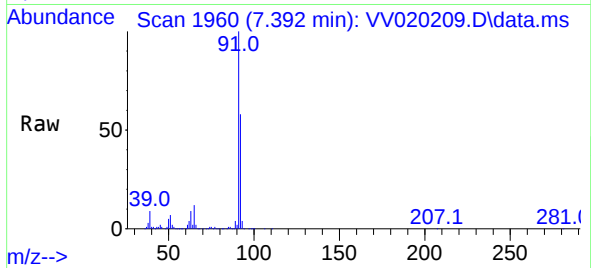




#42
Toluene
Concen: 4.94 ug/L
RT: 7.392 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

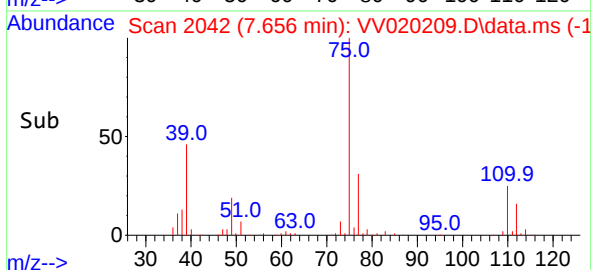
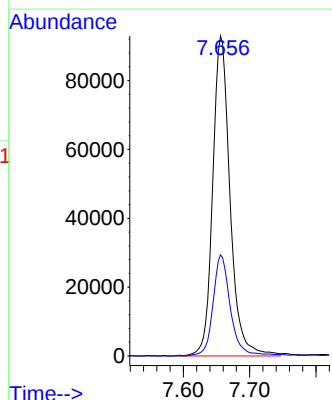
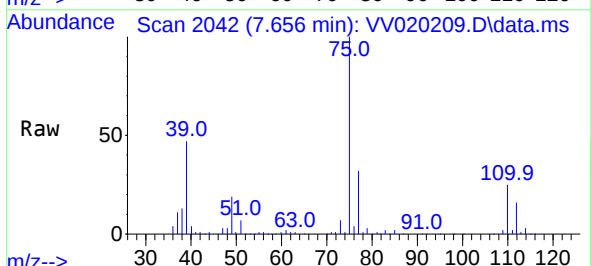
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

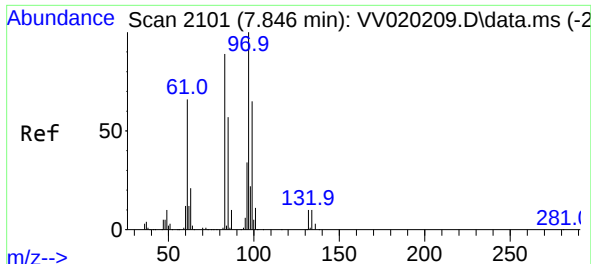
Tgt Ion: 91 Resp: 641674
Ion Ratio Lower Upper
91 100
92 58.0 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 4.89 ug/L
RT: 7.656 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion: 75 Resp: 169077
Ion Ratio Lower Upper
75 100
77 31.6 21.1 39.3



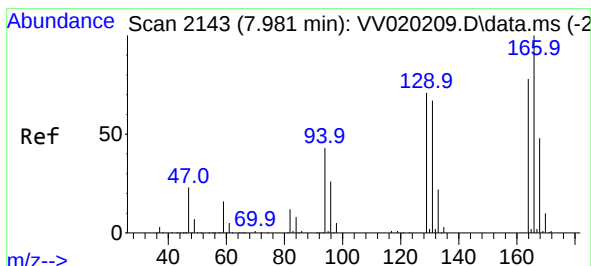
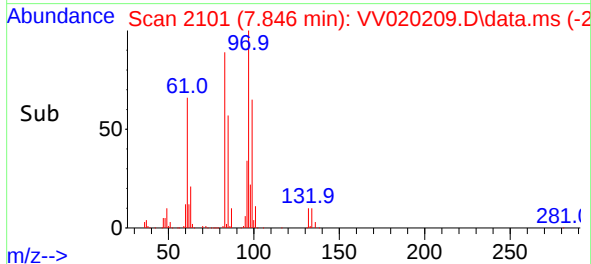
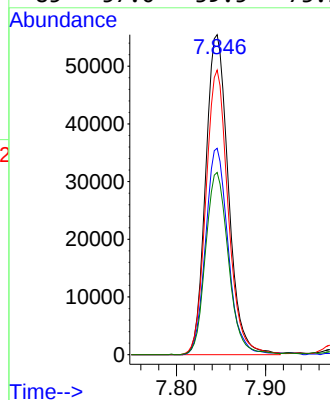
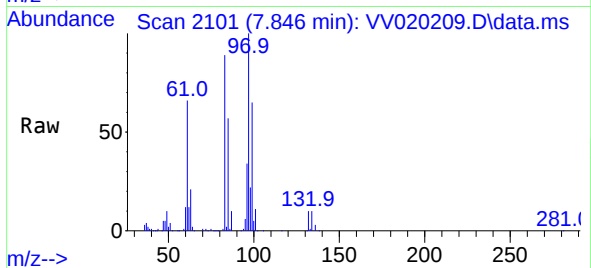


#45
1,1,2-Trichloroethane
Concen: 4.75 ug/L
RT: 7.846 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

Tgt Ion: 97 Resp: 98291

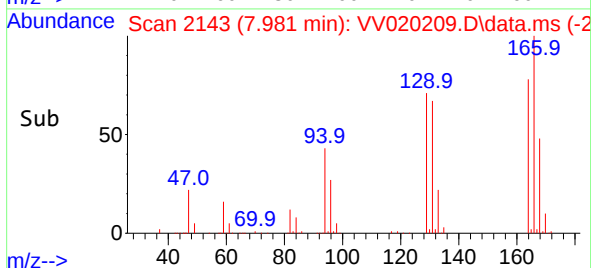
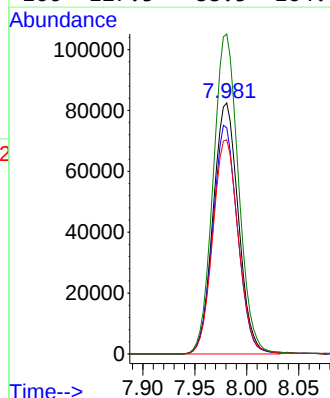
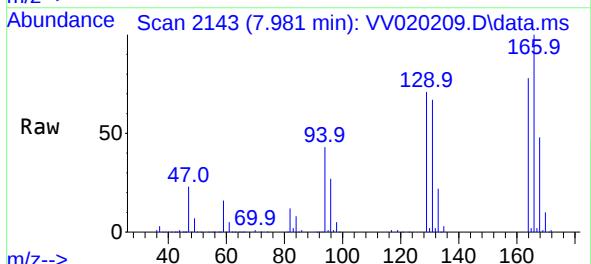
Ion	Ratio	Lower	Upper
97	100		
99	64.5	42.4	78.8
83	89.0	59.4	110.4
85	57.0	39.5	73.3

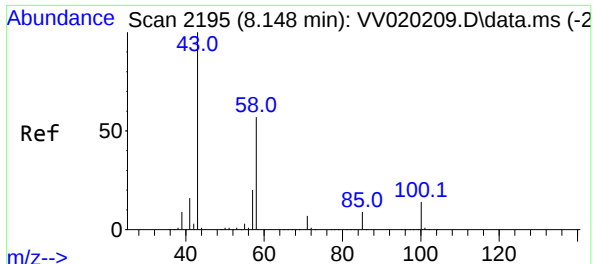


#47
Tetrachloroethene
Concen: 4.82 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion: 164 Resp: 139348

Ion	Ratio	Lower	Upper
164	100		
129	90.1	72.1	133.9
131	85.4	68.9	127.9
166	127.5	88.5	164.4

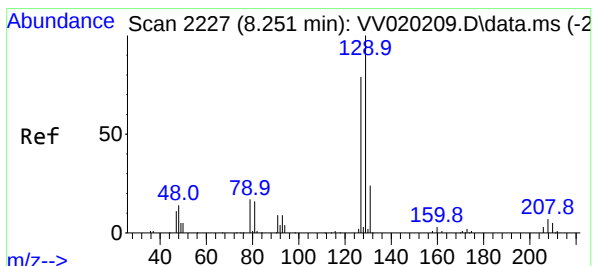
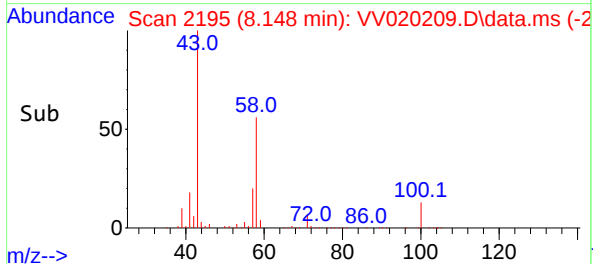
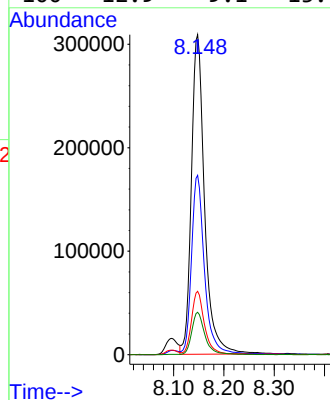
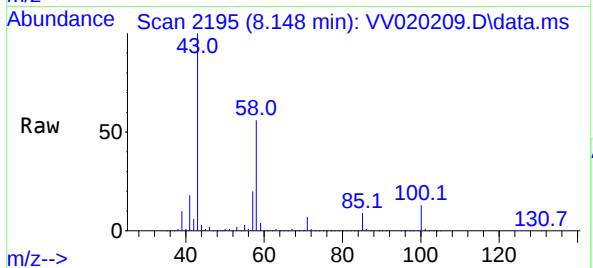




#48
2-Hexanone
Concen: 49.38 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

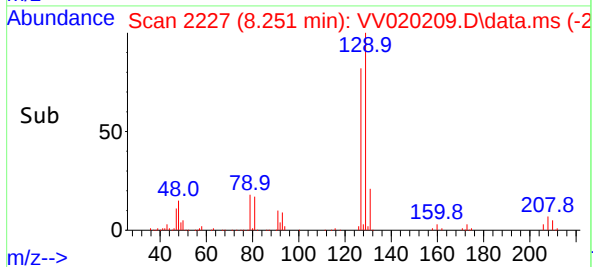
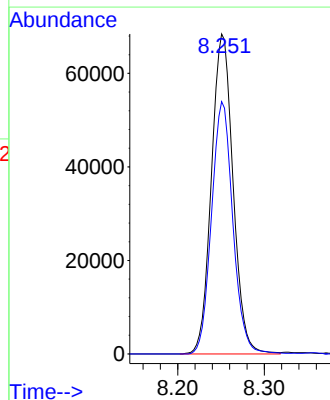
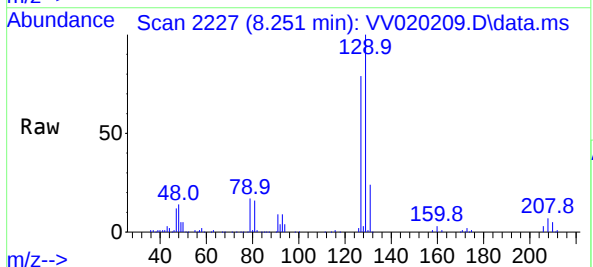
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

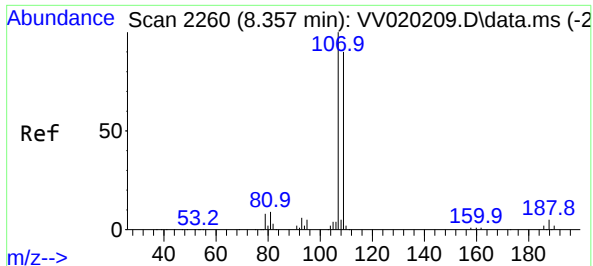
Tgt Ion: 43 Resp: 564049
Ion Ratio Lower Upper
43 100
58 54.3 42.4 63.6
57 19.1 14.8 22.2
100 12.9 9.1 13.7



#49
Dibromochloromethane
Concen: 4.80 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion: 129 Resp: 118700
Ion Ratio Lower Upper
129 100
127 78.8 55.0 102.2

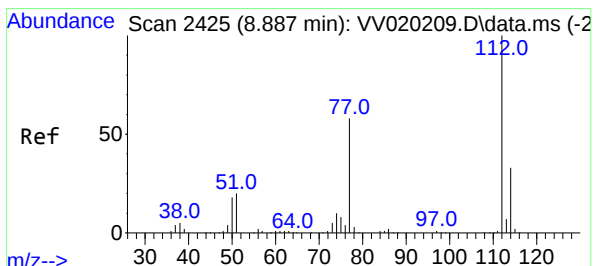
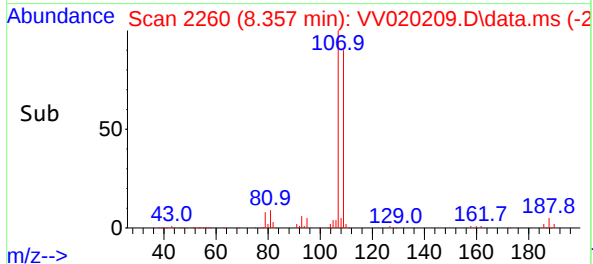
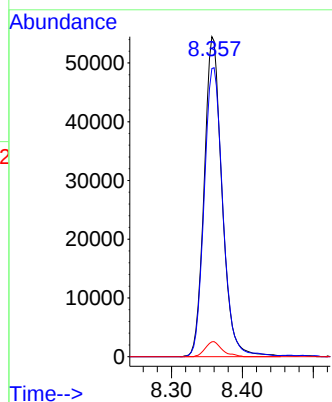
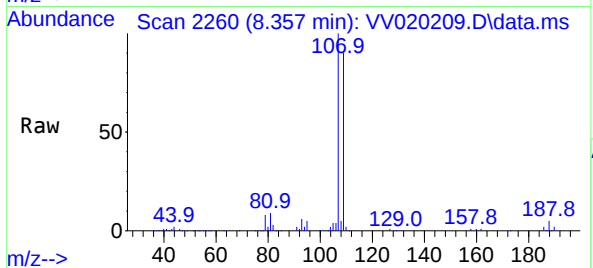




#50
1,2-Dibromoethane
Concen: 4.81 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

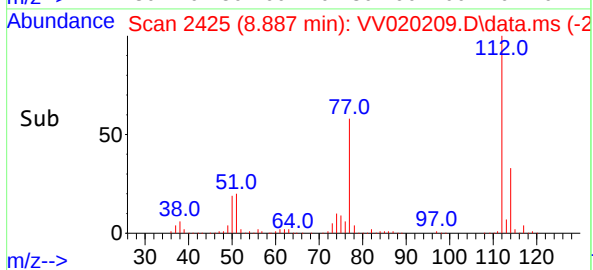
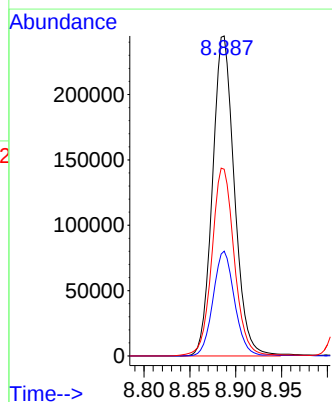
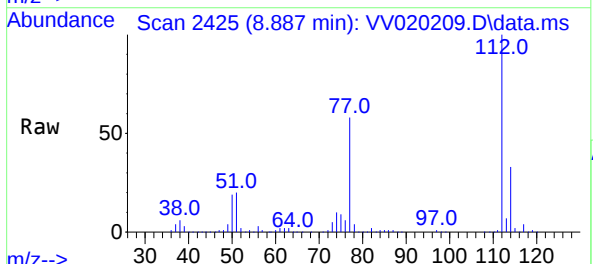
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

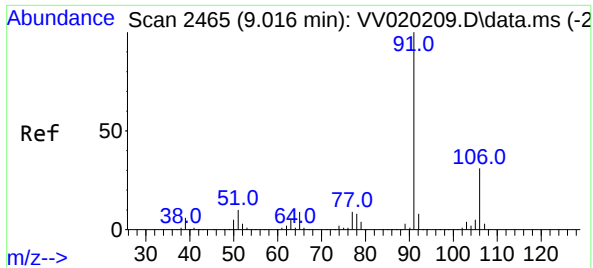
Tgt Ion:107 Resp: 95231
Ion Ratio Lower Upper
107 100
109 90.0 63.8 118.4
188 4.7 2.5 3.7#



#51
Chlorobenzene
Concen: 4.74 ug/L
RT: 8.887 min Scan# 2425
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion:112 Resp: 406527
Ion Ratio Lower Upper
112 100
114 32.7 21.8 40.6
77 58.3 51.0 76.4

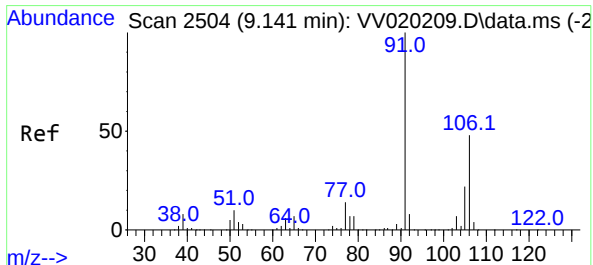
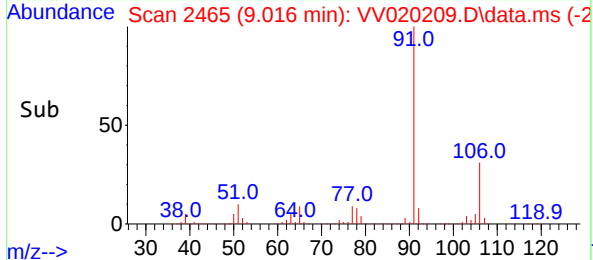
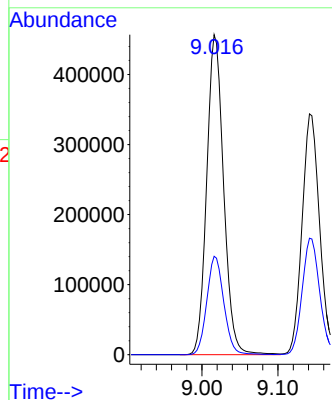
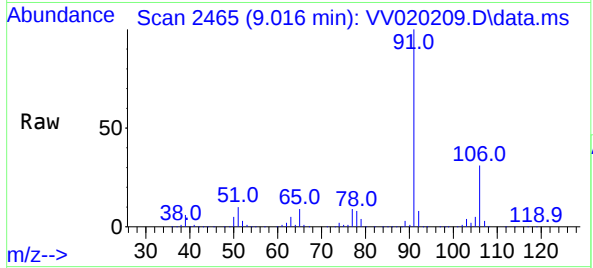




#52
Ethylbenzene
Concen: 4.85 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

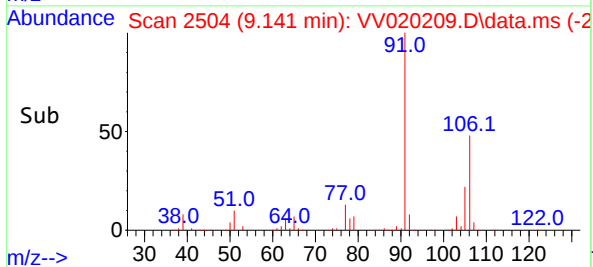
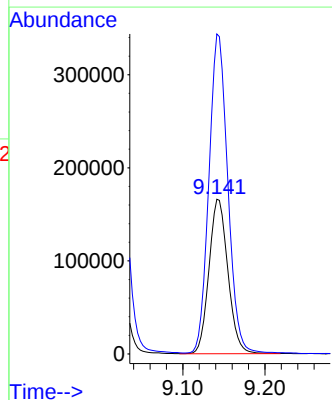
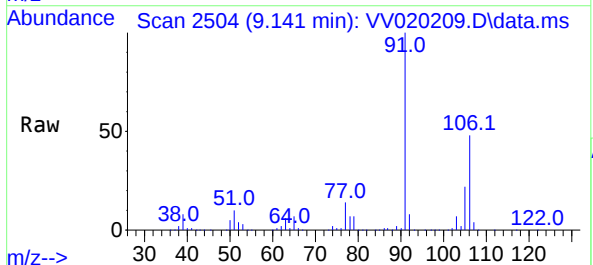
Instrument :
MSVOA_V
ClientSampled :
VSTD005704

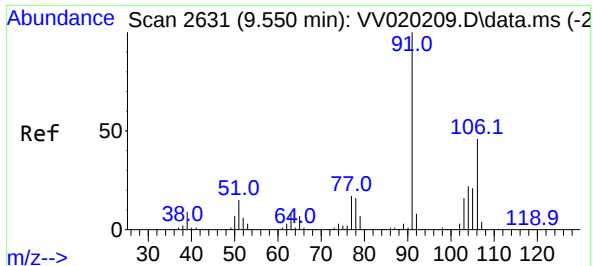
Tgt Ion: 91 Resp: 705527
Ion Ratio Lower Upper
91 100
106 30.8 20.9 38.7



#53
m,p-xylene
Concen: 4.91 ug/L
RT: 9.141 min Scan# 2504
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion: 106 Resp: 266485
Ion Ratio Lower Upper
106 100
91 206.9 147.1 273.1

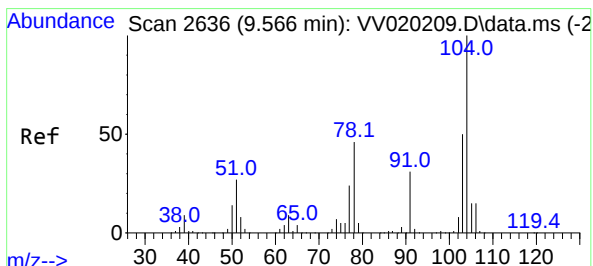
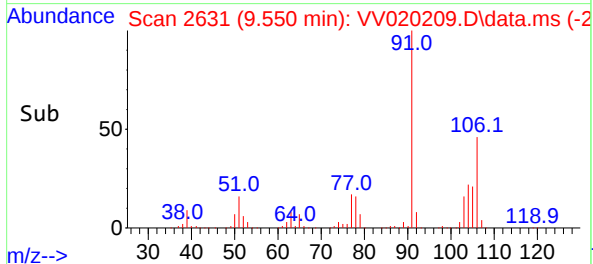
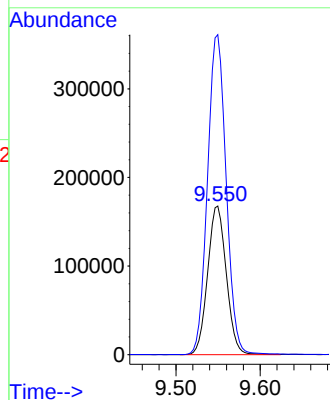
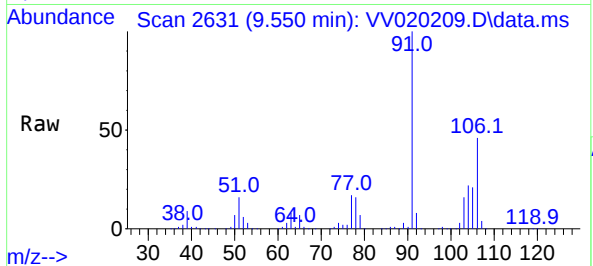




#54
o-xylene
Concen: 4.93 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

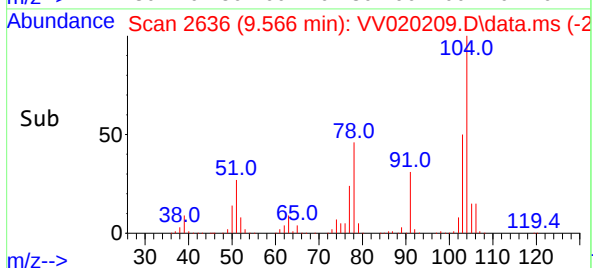
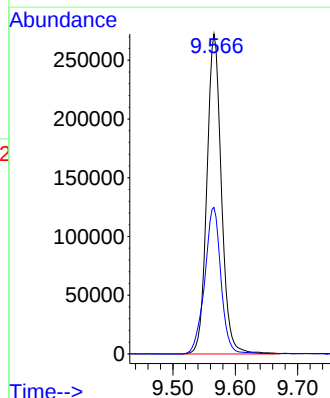
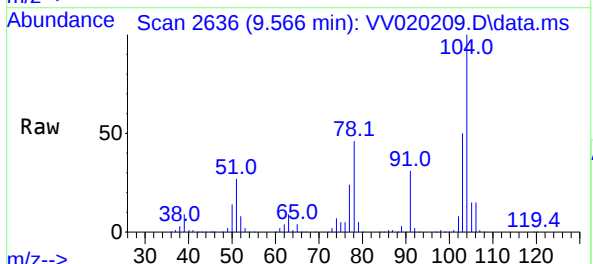
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

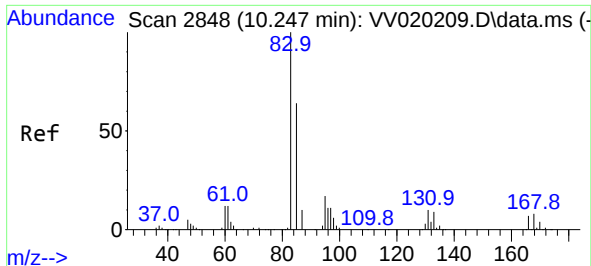
Tgt Ion:106 Resp: 258743
Ion Ratio Lower Upper
106 100
91 215.3 155.8 289.3



#55
Styrene
Concen: 4.97 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion:104 Resp: 441998
Ion Ratio Lower Upper
104 100
78 45.8 33.7 62.7

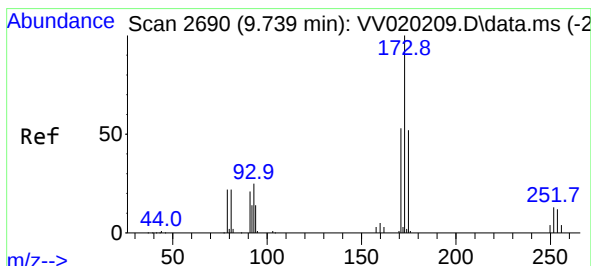
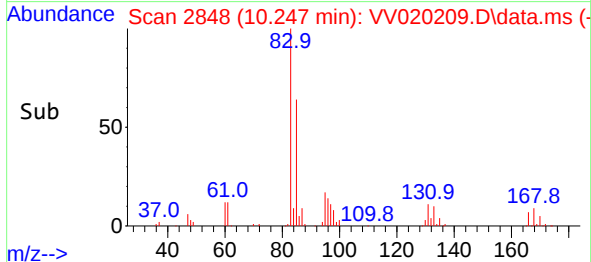
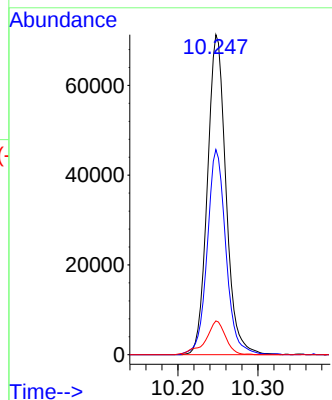
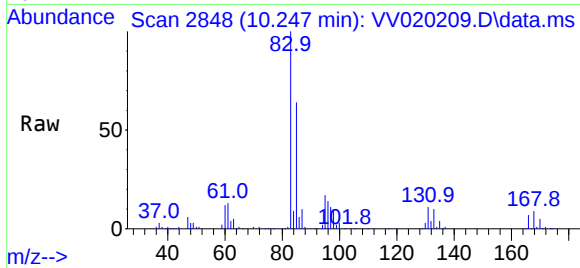




#57
1,1,2,2-Tetrachloroethane
Concen: 5.21 ug/L
RT: 10.247 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

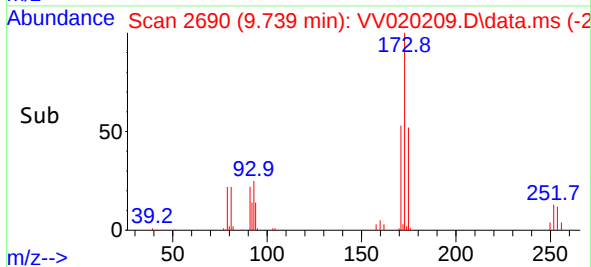
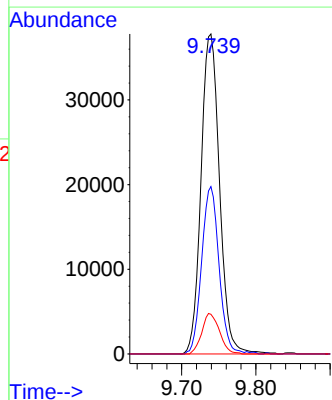
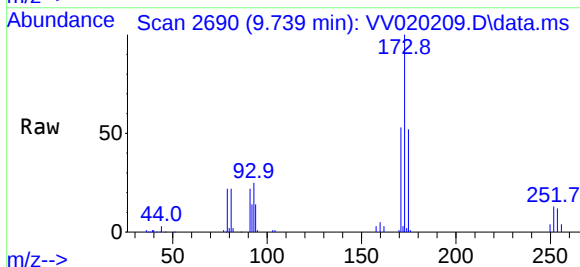
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

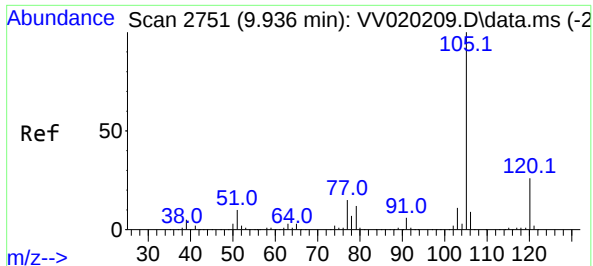
Tgt Ion: 83 Resp: 115243
Ion Ratio Lower Upper
83 100
85 64.1 44.3 82.3
131 10.5 7.4 11.2



#59
Bromoform
Concen: 4.82 ug/L
RT: 9.739 min Scan# 2690
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion: 173 Resp: 65461
Ion Ratio Lower Upper
173 100
175 48.9 38.3 57.5
254 12.1 6.4 9.6#

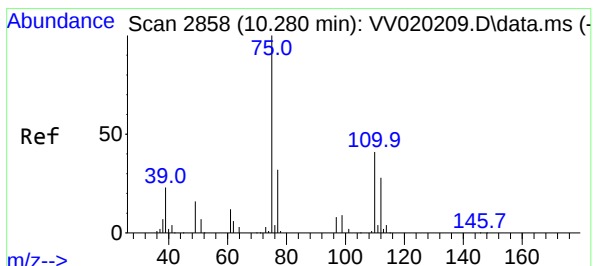
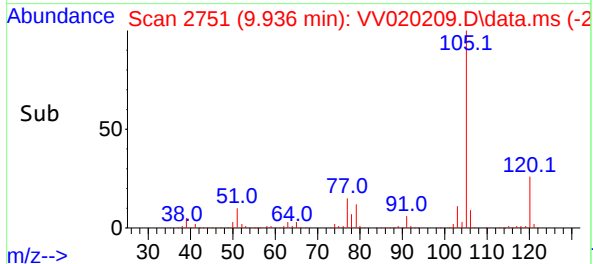
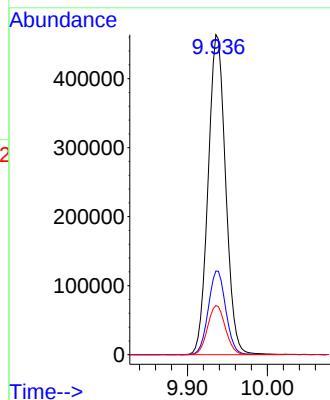
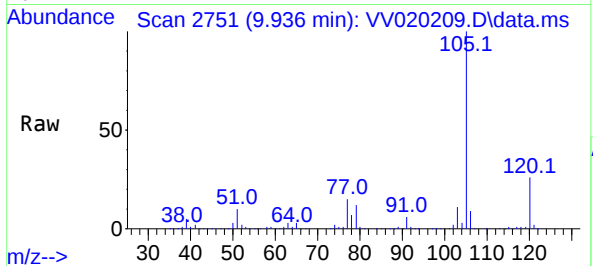




#60
Isopropylbenzene
Concen: 5.06 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

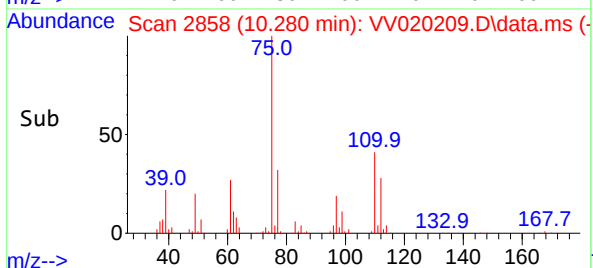
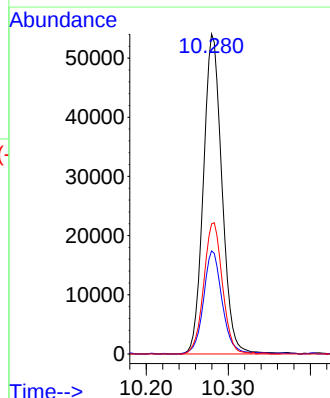
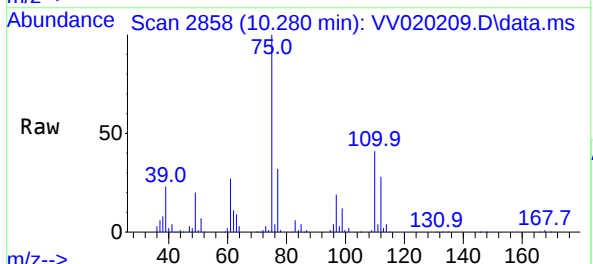
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

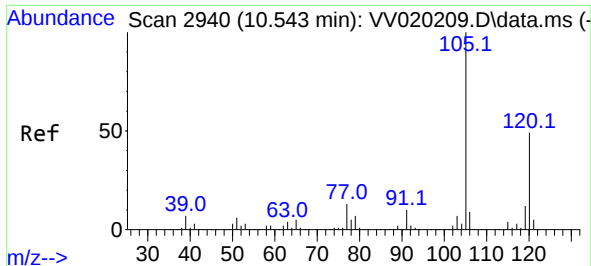
Tgt Ion:105 Resp: 705634
Ion Ratio Lower Upper
105 100
120 26.2 20.4 30.6
77 15.6 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 5.19 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion: 75 Resp: 84835
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4
110 41.3 30.5 45.7

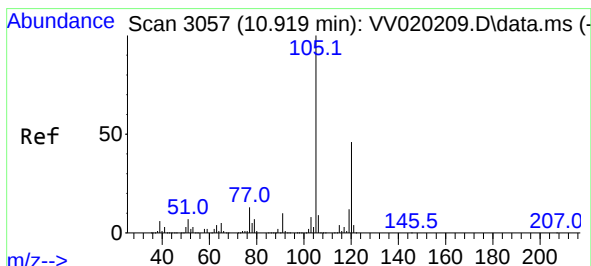
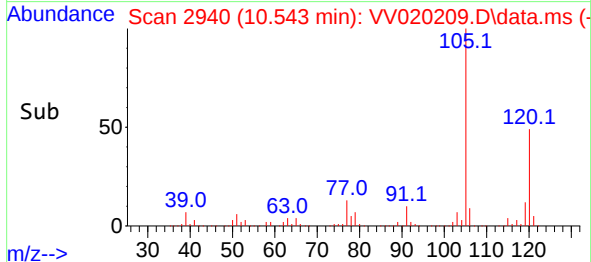
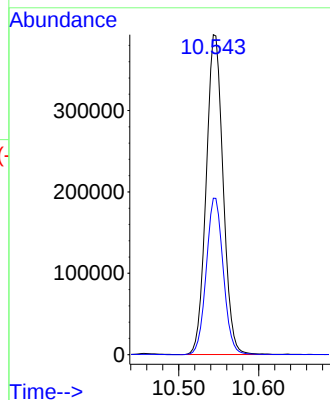
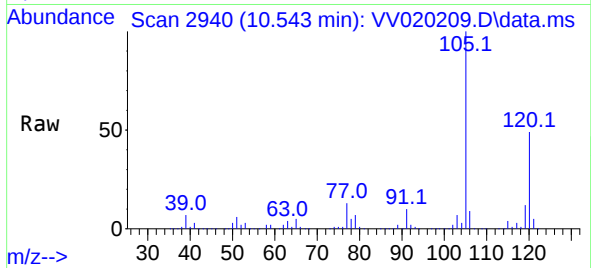




#62
1,3,5-Trimethylbenzene
Concen: 5.03 ug/L
RT: 10.543 min Scan# 2940
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

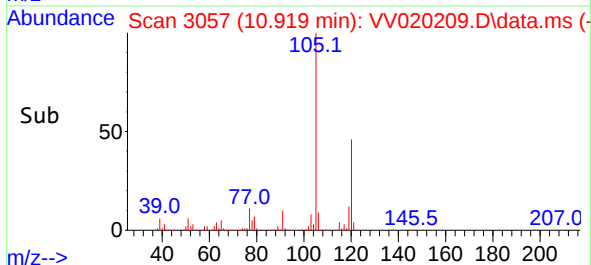
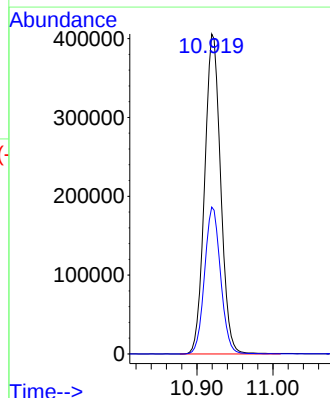
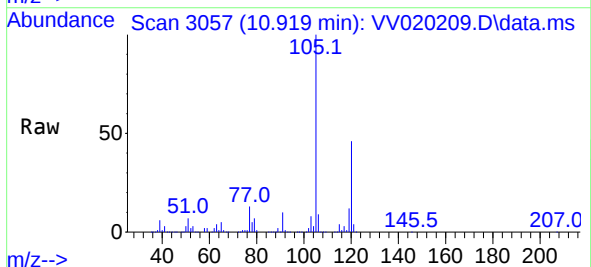
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

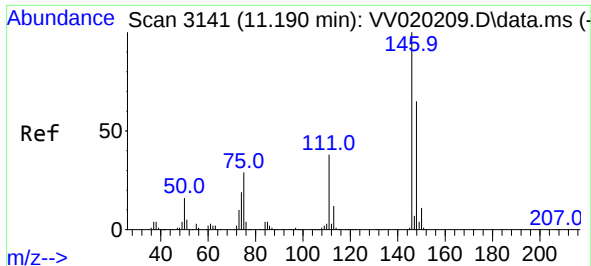
Tgt Ion:105 Resp: 580106
Ion Ratio Lower Upper
105 100
120 49.2 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 5.02 ug/L
RT: 10.919 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion:105 Resp: 593817
Ion Ratio Lower Upper
105 100
120 45.8 34.9 52.3

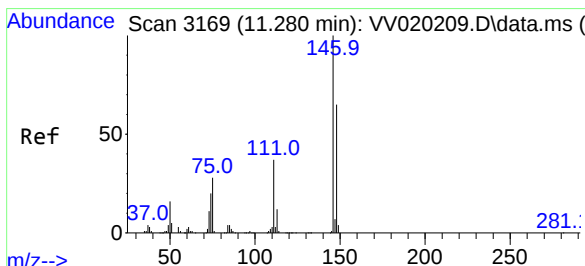
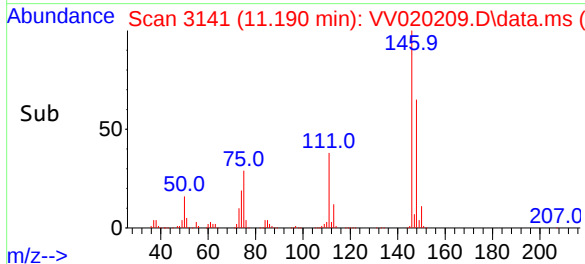
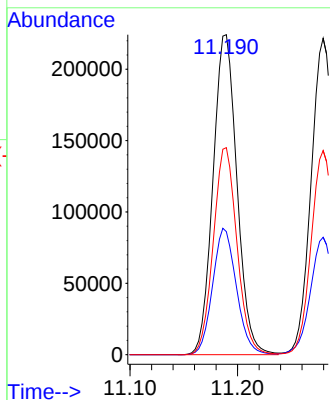
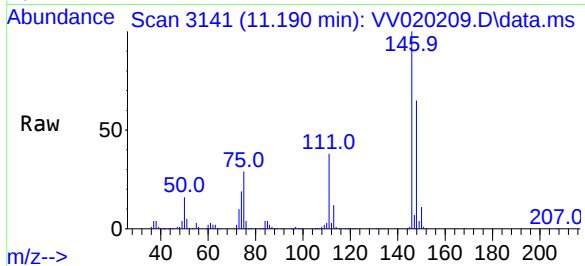




#64
1,3-Dichlorobenzene
Concen: 4.78 ug/L
RT: 11.190 min Scan# 3141
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

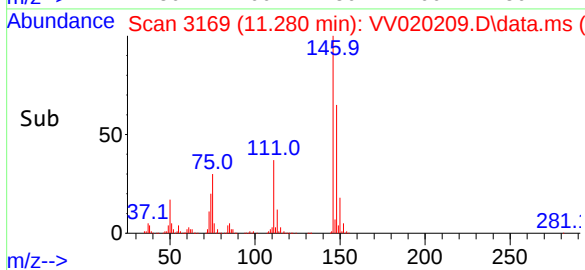
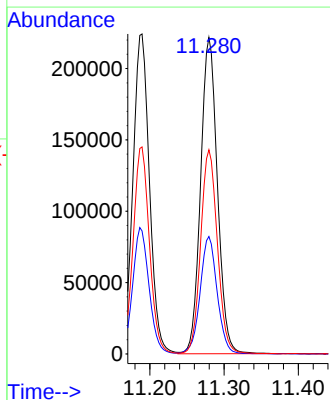
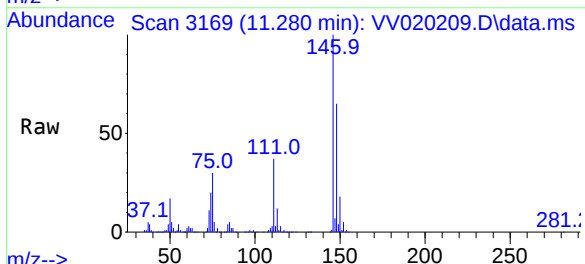
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

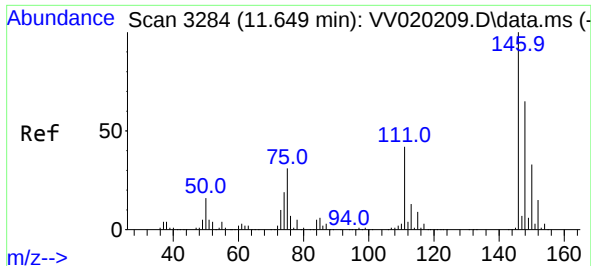
Tgt Ion:146 Resp: 347451
Ion Ratio Lower Upper
146 100
111 38.5 30.4 56.5
148 64.7 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 4.74 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion:146 Resp: 348194
Ion Ratio Lower Upper
146 100
111 37.1 29.7 55.1
148 64.5 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 4.89 ug/L

RT: 11.649 min Scan# 3284

Delta R.T. 0.000 min

Lab File: VV020209.D

Acq: 28 Jan 2021 10:33

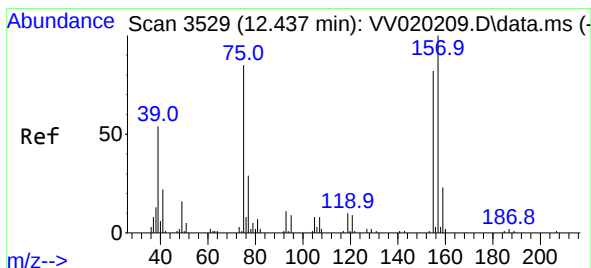
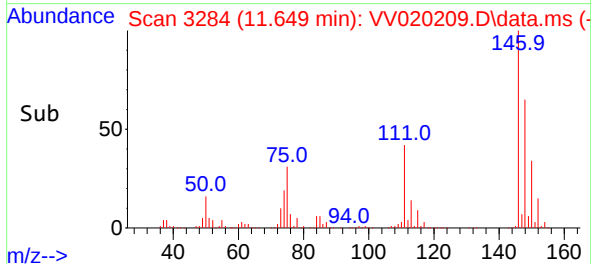
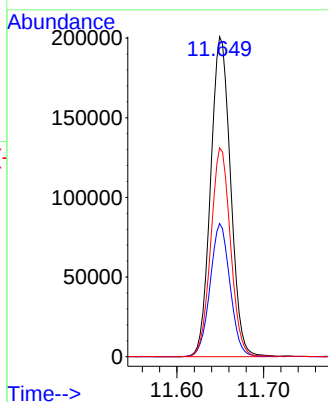
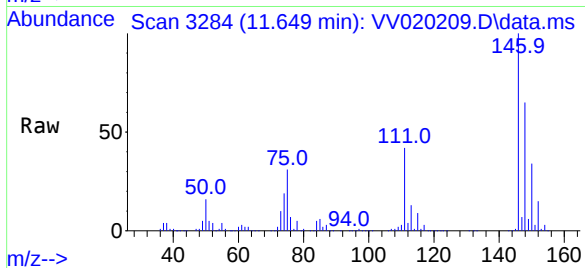
Tgt Ion:146 Resp: 321664

Ion Ratio Lower Upper

146 100

111 41.6 37.7 56.5

148 65.2 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.47 ug/L

RT: 12.437 min Scan# 3529

Delta R.T. 0.000 min

Lab File: VV020209.D

Acq: 28 Jan 2021 10:33

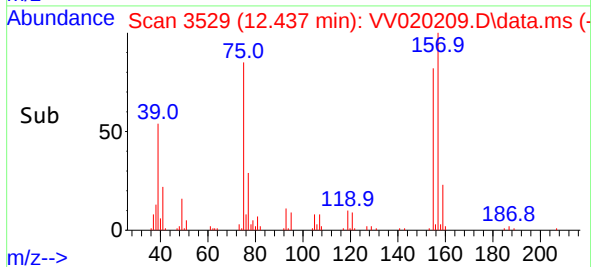
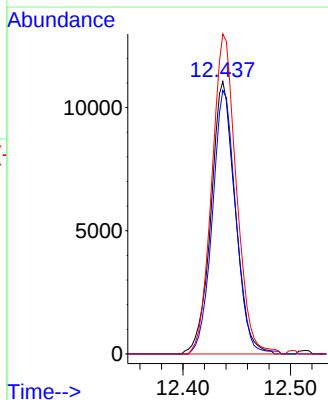
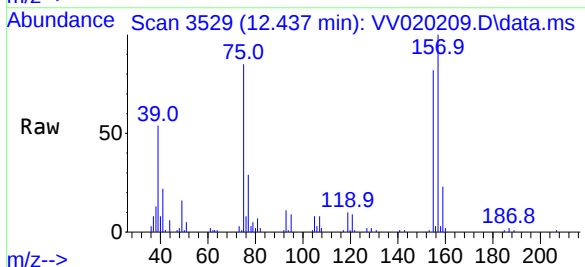
Tgt Ion: 75 Resp: 17248

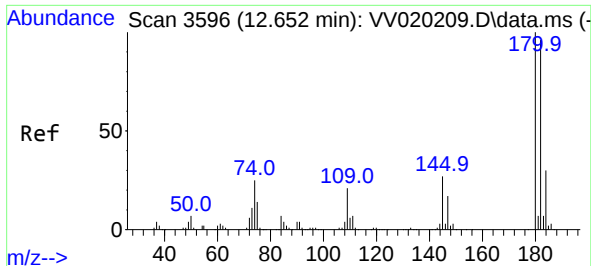
Ion Ratio Lower Upper

75 100

155 96.7 56.5 84.7#

157 117.4 74.2 111.2#



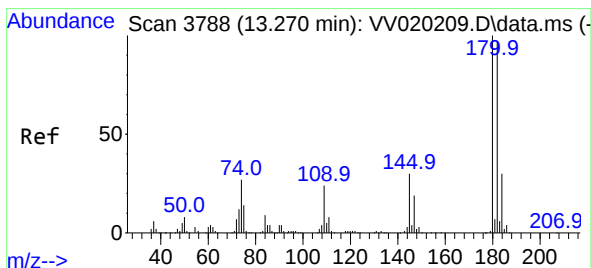
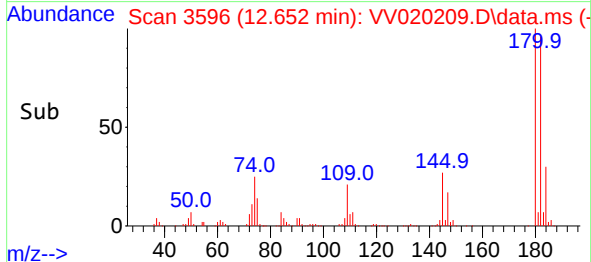
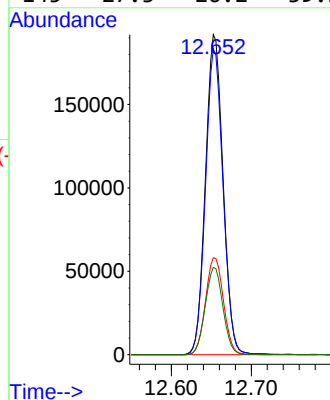
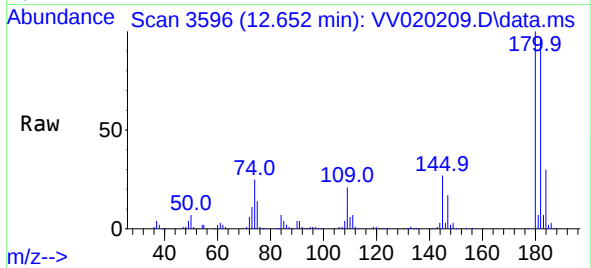


#69
1,3,5-Trichlorobenzene
Concen: 4.70 ug/L
RT: 12.652 min Scan# 3596
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Instrument :
MSVOA_V
ClientSampled :
VSTD005704

Tgt Ion:180 Resp: 294249

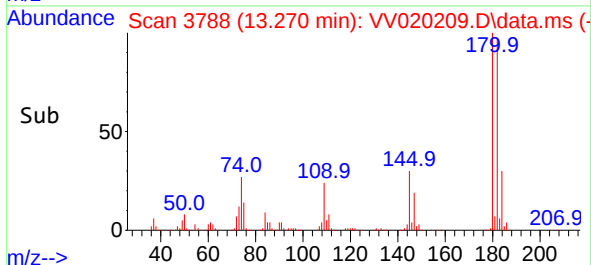
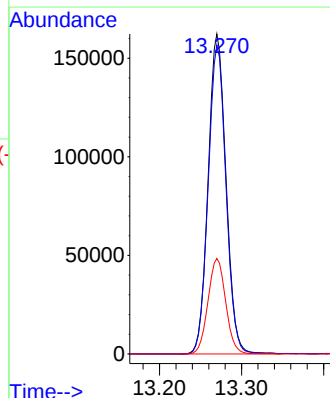
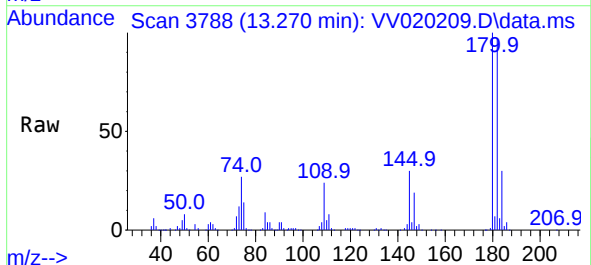
Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.9	113.9
184	30.9	23.5	35.3
145	27.3	26.2	39.2

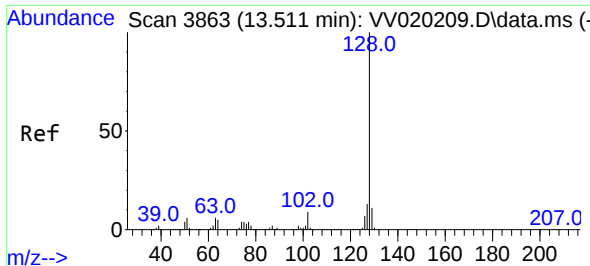


#70
1,2,4-trichlorobenzene
Concen: 4.85 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion:180 Resp: 246439

Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.9	113.9
145	29.5	26.6	39.8

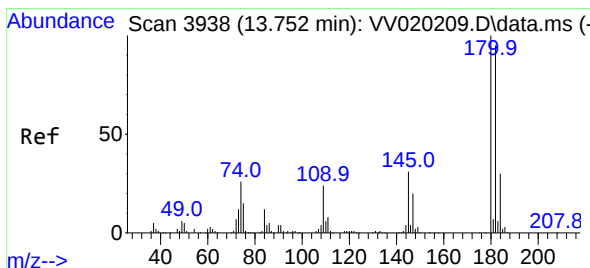
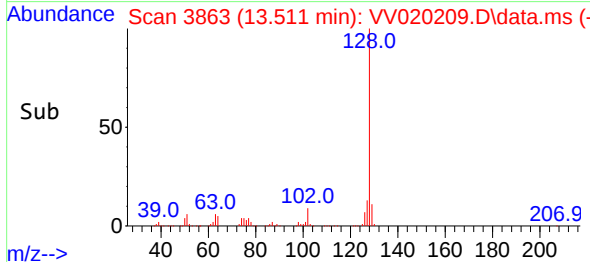
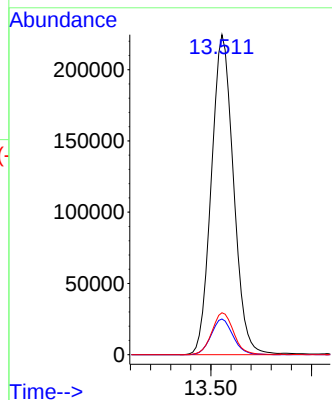
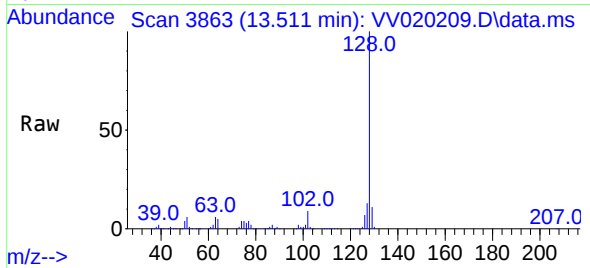




#71
Naphthalene
Concen: 4.97 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

Tgt Ion:128 Resp: 343409
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.84 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020209.D
Acq: 28 Jan 2021 10:33

Tgt Ion:180 Resp: 217444
Ion Ratio Lower Upper
180 100
182 95.2 74.6 112.0
145 30.9 28.8 43.2

