

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031321\
 Data File : VW018318.D
 Acq On : 12 Mar 2021 14:38
 Operator : SY/VA
 Sample : M1630-07
 Misc : 6.16G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG575

Quant Time: Mar 13 00:40:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 13 00:38:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	317186	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	277171	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	128022	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	65927	19.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.76%		
7) Chloroethane-d5	2.898	69	52134	18.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.76%		
10) 1,1-Dichloroethene-d2	4.026	63	111726	14.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.00%		
20) 2-Butanone-d5	7.080	46	24526	30.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.06%		
24) Chloroform-d	7.653	84	150947	17.57	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	70.28%		
26) 1,2-Dichloroethane-d4	8.311	65	80275	16.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	67.88%#		
29) Benzene-d6	8.275	84	278261	18.86	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	75.44%		
33) 1,2-Dichloropropane-d6	9.275	67	76296	18.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	74.64%		
37) Toluene-d8	10.329	98	266746	18.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.92%		
38) trans-1,3-Dichloroprop...	10.579	79	34011	16.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.12%		
39) 2-Hexanone-d5	10.927	63	21683	31.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	63.76%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	56060	16.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	64.16%		
61) 1,2-Dichlorobenzene-d4	13.853	152	89028	19.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.52%		
Target Compounds						Qvalue
3) Chloromethane	2.215	50	10606	3.68	ug/L	91
13) Acetone	4.135	43	80640	126.34	ug/L	94
14) Carbon disulfide	4.385	76	3702	0.30	ug/L #	94
16) Methylene chloride	4.928	84	5762	1.19	ug/L	89
21) 2-Butanone	7.177	43	37278	42.16	ug/L	98
22) cis-1,2-Dichloroethene	7.177	96	2446	0.53	ug/L	75
34) Benzene	8.324	78	499964	31.35	ug/L	100
35) Trichloroethene	9.092	95	95770	20.49	ug/L	98
40) 1,2-Dichloropropane	9.275	63	10117	2.73	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	2799	0.45	ug/L	88
44) Toluene	10.390	91	427125	23.90	ug/L	97
45) trans-1,3-Dichloropropene	10.579	75	1607	0.29	ug/L #	72
47) Tetrachloroethene	10.860	164	441927	126.27	ug/L	96
49) 2-Hexanone	10.975	43	1639	1.24	ug/L #	87
50) Dibromochloromethane	10.860	129	455379	121.67	ug/L #	8
53) Ethylbenzene	11.731	91	79623	3.88	ug/L	97
54) m,p-Xylene	11.835	106	63278	8.13	ug/L	98
55) o-xylene	12.164	106	45301	6.22	ug/L	99
56) Styrene	12.183	104	51599	4.14	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.505	75	1680	2.81	ug/L #	10

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031321\
Data File : VW018318.D
Acq On : 12 Mar 2021 14:38
Operator : SY/VA
Sample : M1630-07
Misc : 6.16G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG575

Quant Time: Mar 13 00:40:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 13 00:38:12 2021
Response via : Initial Calibration

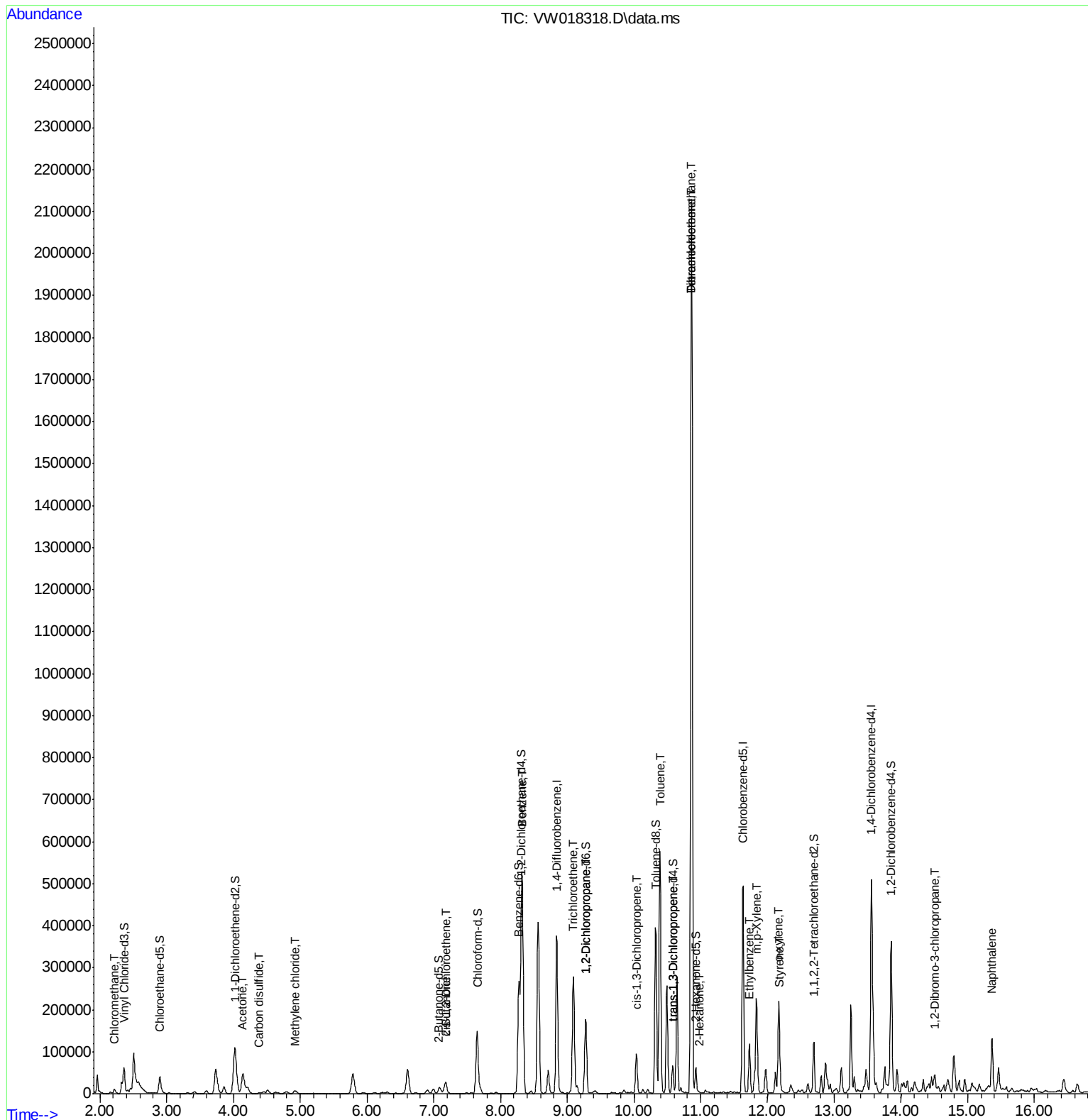
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Naphthalene	15.365	128	108184	10.79	ug/L	99

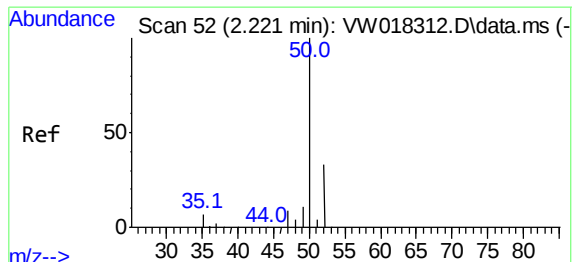
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031321\
Data File : VW018318.D
Acq On : 12 Mar 2021 14:38
Operator : SY/VA
Sample : M1630-07
Misc : 6.16G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG575

Quant Time: Mar 13 00:40:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 13 00:38:12 2021
Response via : Initial Calibration

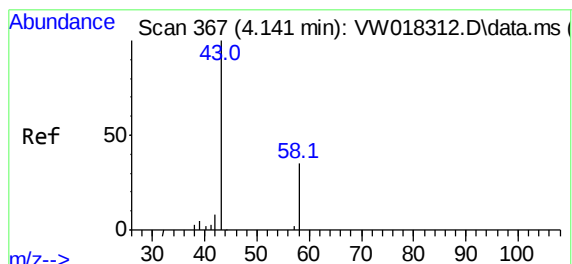
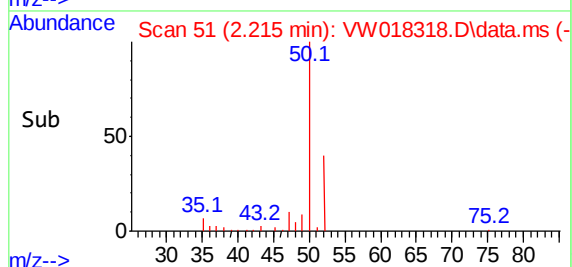
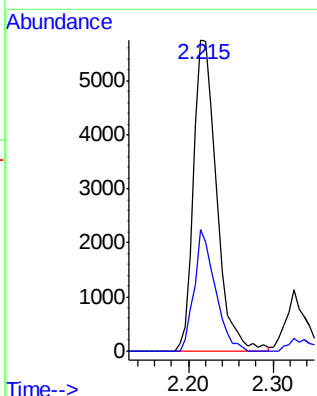
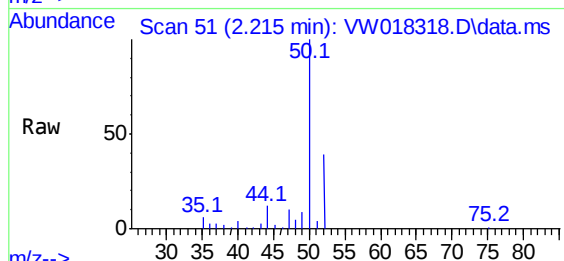




#3
Chloromethane
Concen: 3.68 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

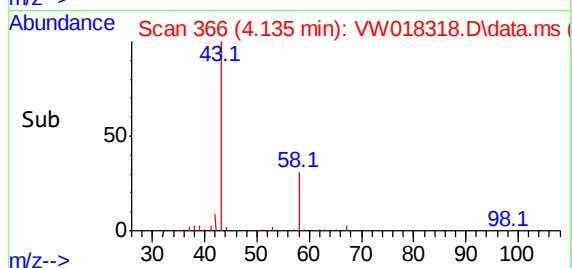
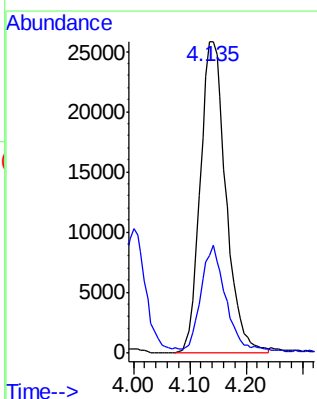
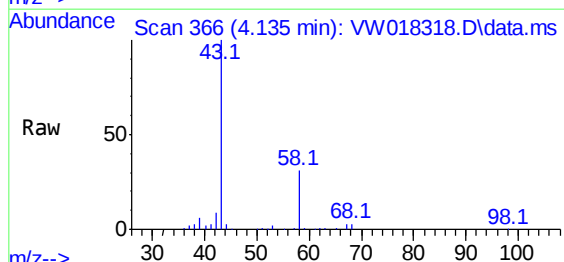
Instrument :
MSVOA_W
ClientSampleId :
BG575

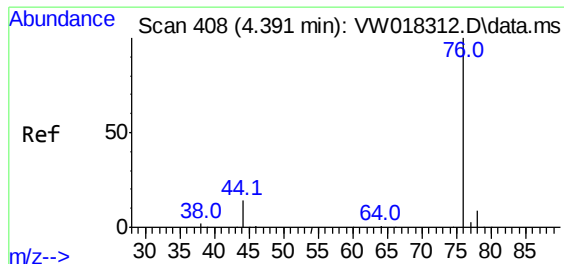
Tgt Ion: 50 Resp: 10606
Ion Ratio Lower Upper
50 100
52 39.2 23.7 43.9



#13
Acetone
Concen: 126.34 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion: 43 Resp: 80640
Ion Ratio Lower Upper
43 100
58 34.3 0.0 62.2

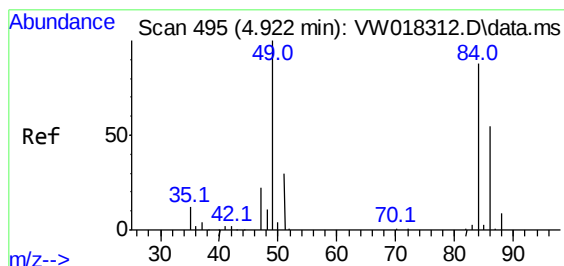
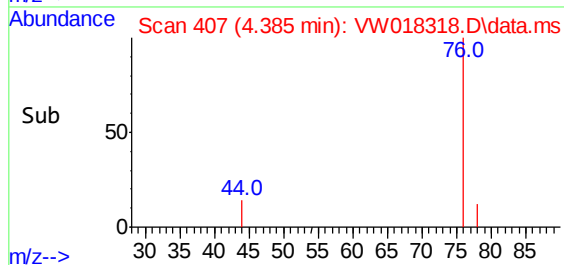
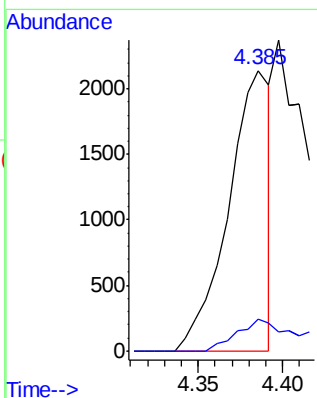
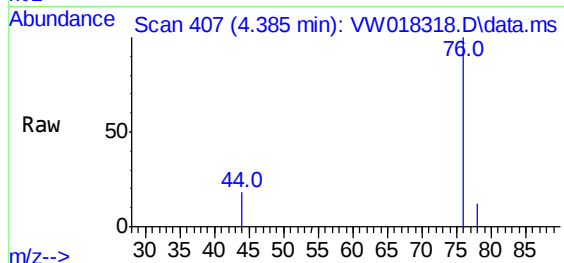




#14
Carbon disulfide
Concen: 0.30 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

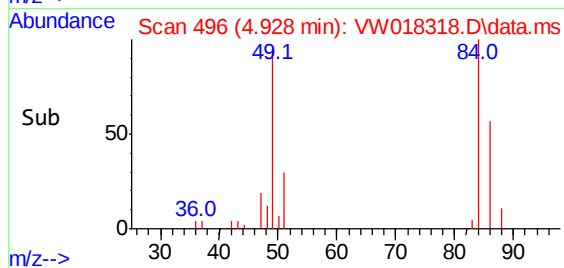
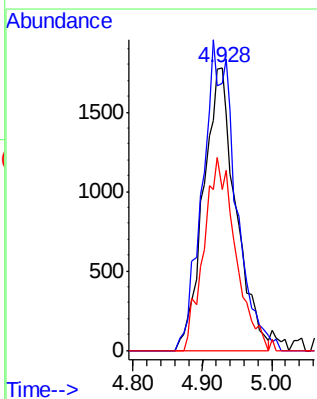
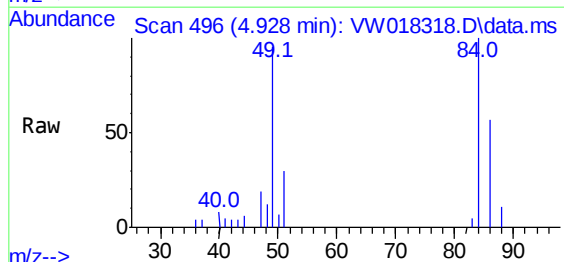
Instrument :
MSVOA_W
ClientSampleId :
BG575

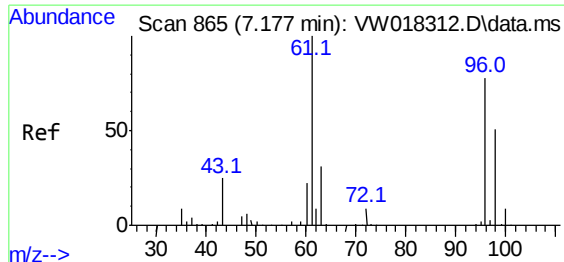
Tgt Ion: 76 Resp: 3702
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.2#



#16
Methylene chloride
Concen: 1.19 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion: 84 Resp: 5762
Ion Ratio Lower Upper
84 100
49 94.6 74.4 138.2
86 57.0 46.1 85.7

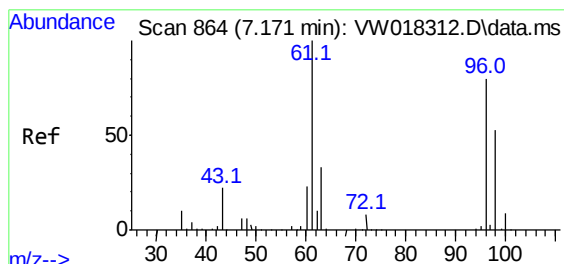
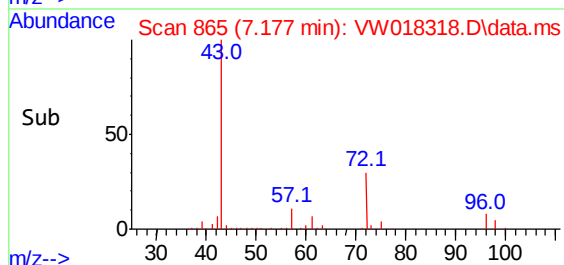
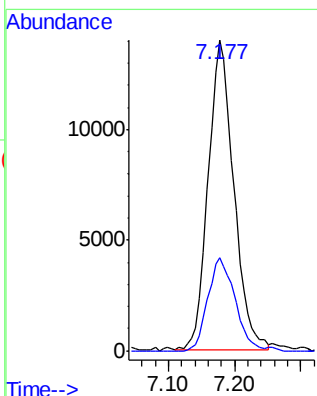
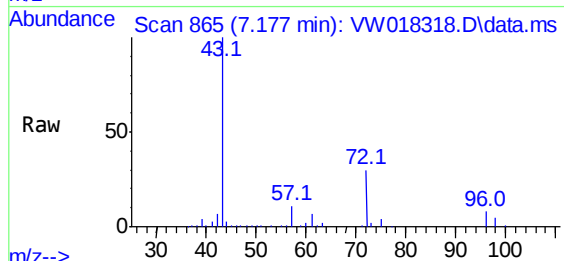




#21
2-Butanone
Concen: 42.16 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

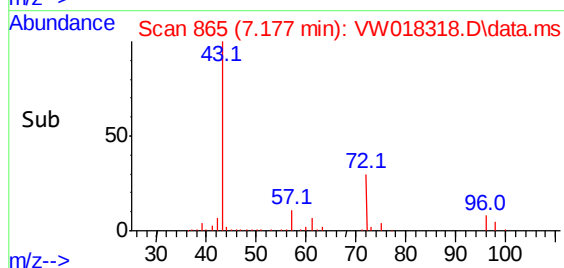
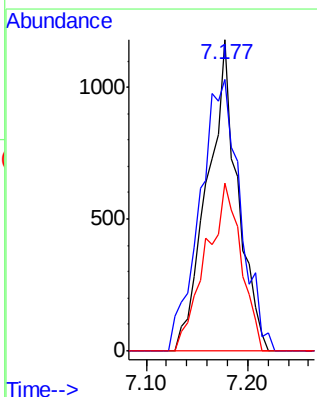
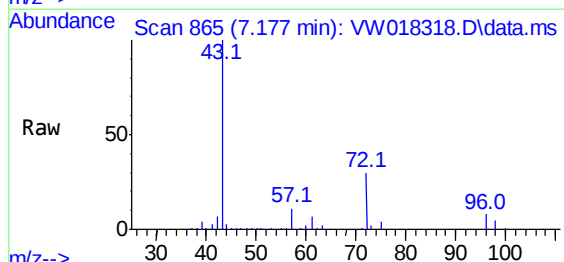
Instrument :
MSVOA_W
ClientSampled :
BG575

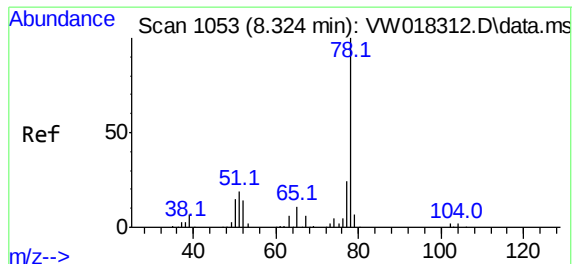
Tgt Ion: 43 Resp: 37278
Ion Ratio Lower Upper
43 100
72 31.7 16.5 49.5



#22
cis-1,2-Dichloroethene
Concen: 0.53 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion: 96 Resp: 2446
Ion Ratio Lower Upper
96 100
61 87.3 84.8 157.6
98 53.9 45.1 83.9

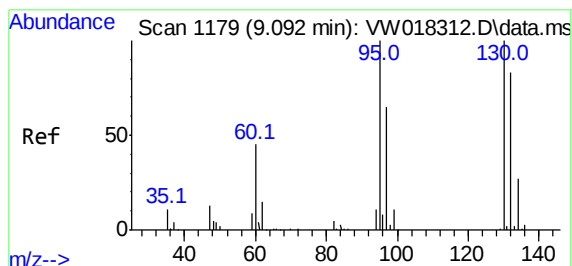
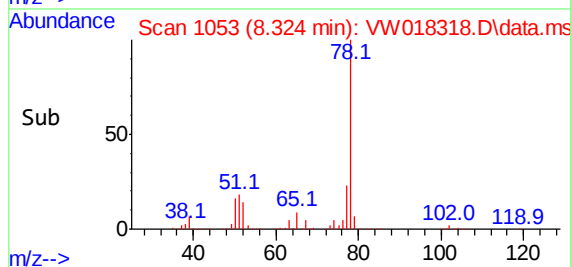
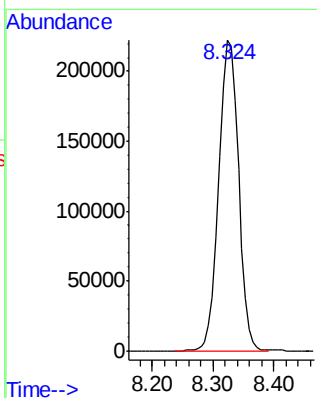
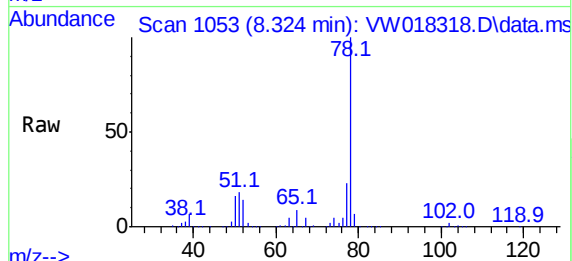




#34
Benzene
Concen: 31.35 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Instrument :
MSVOA_W
ClientSampled :
BG575

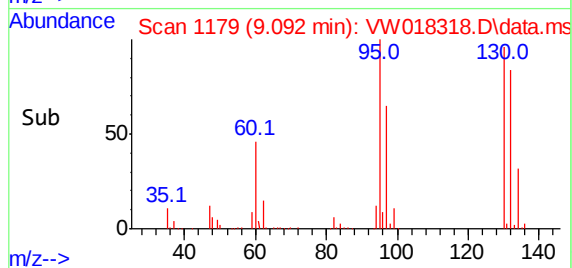
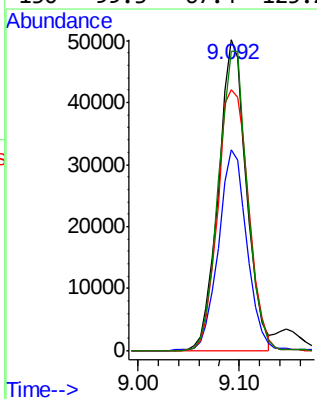
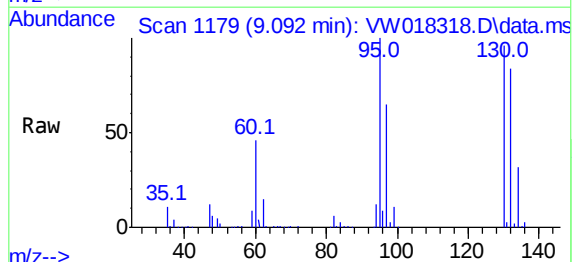
Tgt Ion: 78 Resp: 499964

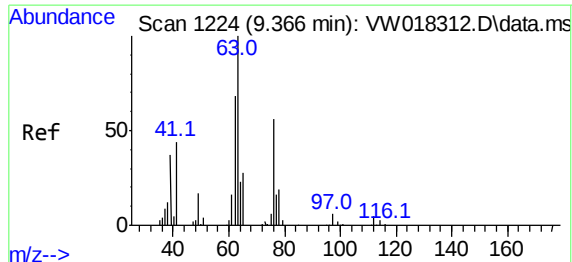


#35
Trichloroethene
Concen: 20.49 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion: 95 Resp: 95770

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.4	82.4
132	92.9	65.9	122.5
130	99.3	67.4	125.2

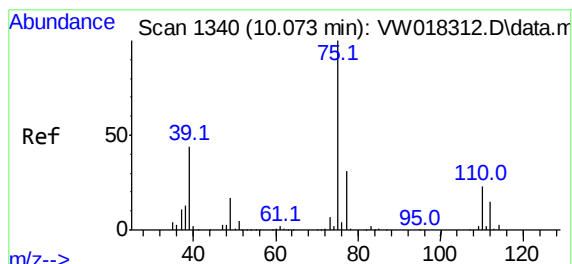
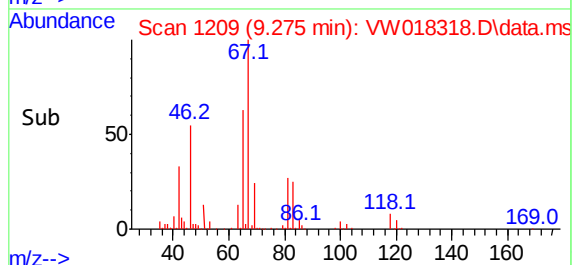
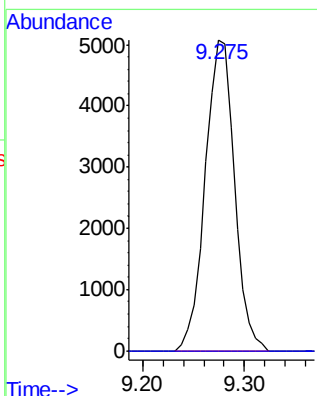
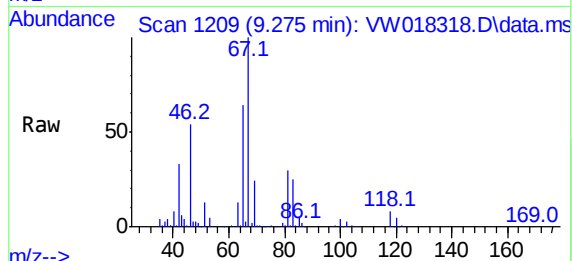




#40
1,2-Dichloropropane
Concen: 2.73 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

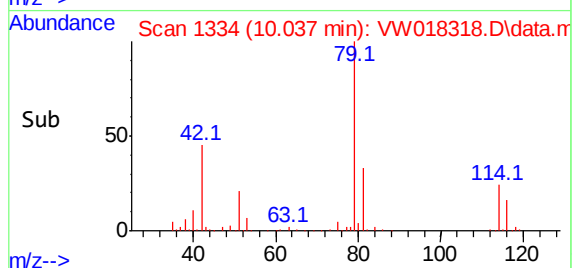
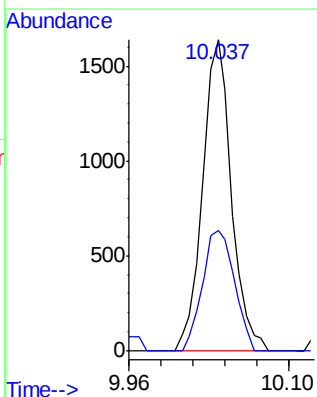
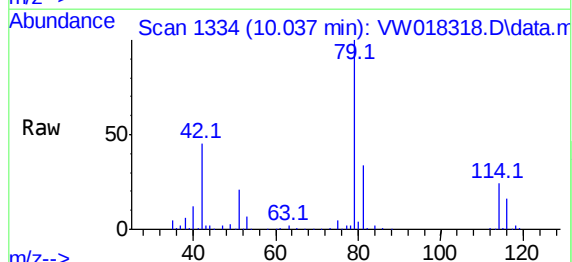
Instrument :
MSVOA_W
ClientSampleId :
BG575

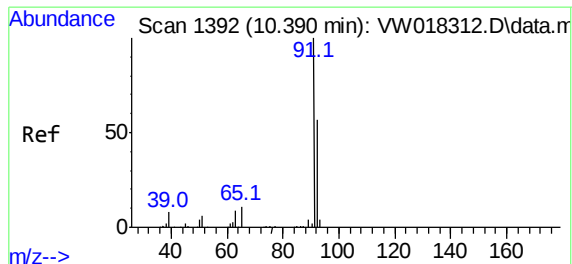
Tgt Ion: 63 Resp: 10117
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion: 75 Resp: 2799
Ion Ratio Lower Upper
75 100
77 38.7 22.4 41.6

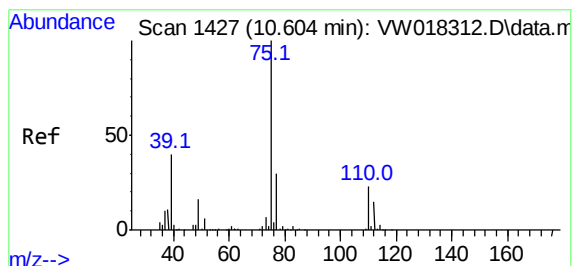
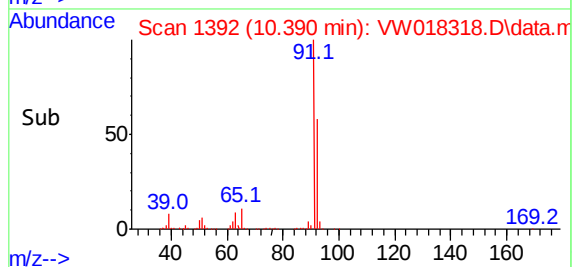
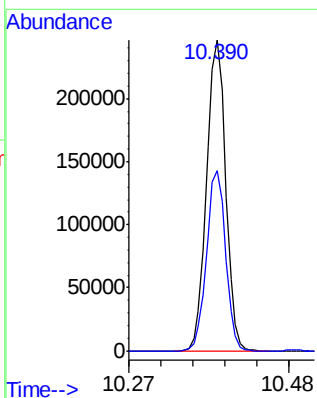
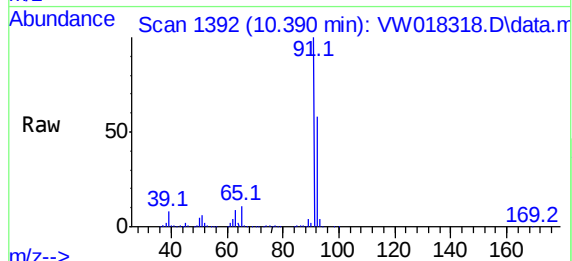




#44
Toluene
Concen: 23.90 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

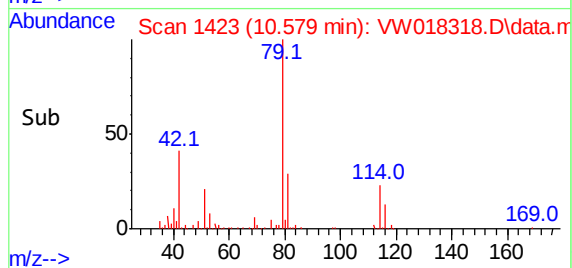
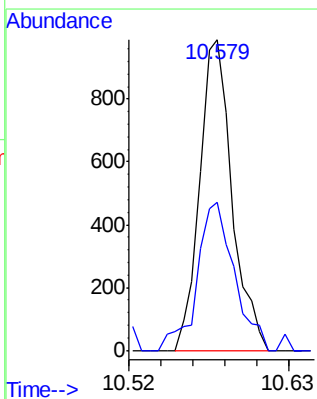
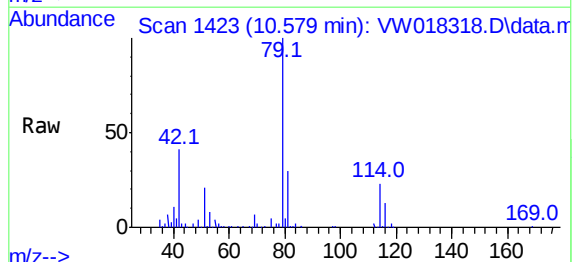
Instrument :
MSVOA_W
ClientSampled :
BG575

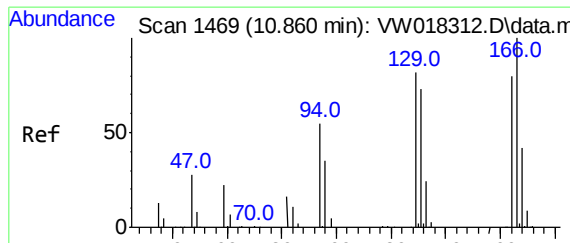
Tgt Ion: 91 Resp: 427125
Ion Ratio Lower Upper
91 100
92 57.8 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 0.29 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion: 75 Resp: 1607
Ion Ratio Lower Upper
75 100
77 47.7 22.6 42.0#

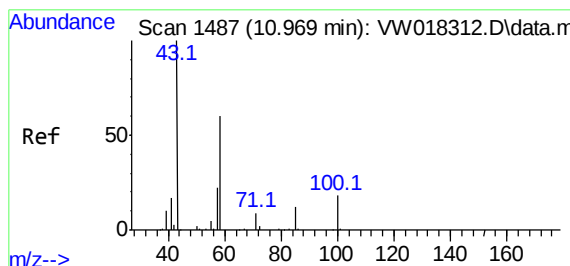
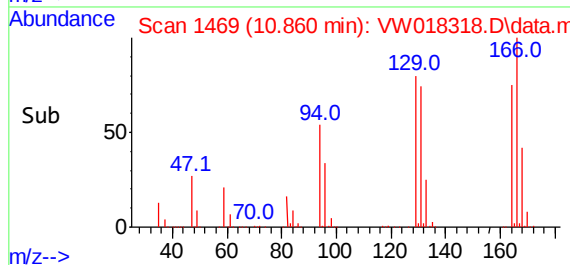
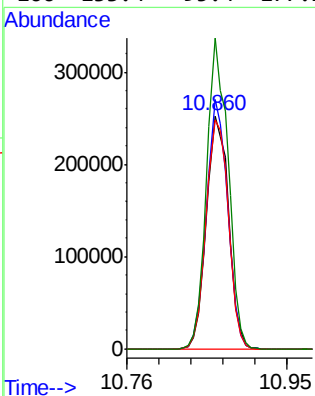
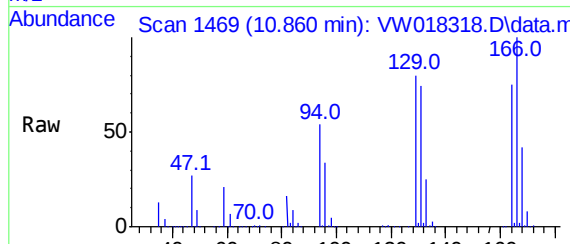




#47
Tetrachloroethene
Concen: 126.27 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

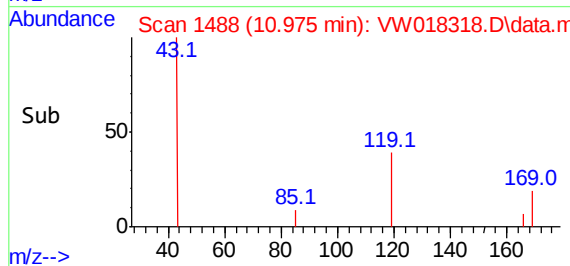
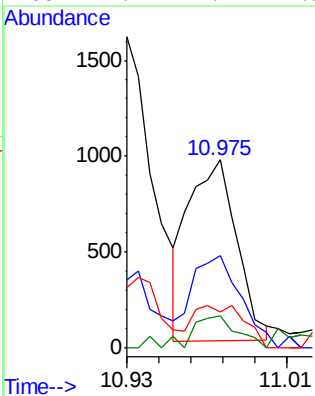
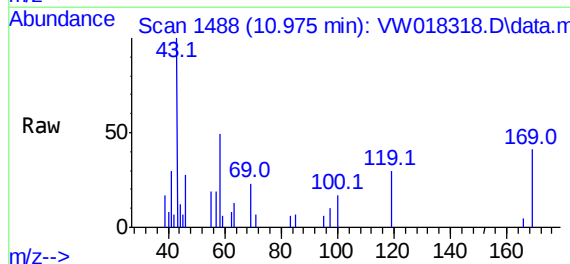
Instrument :
MSVOA_W
ClientSampled :
BG575

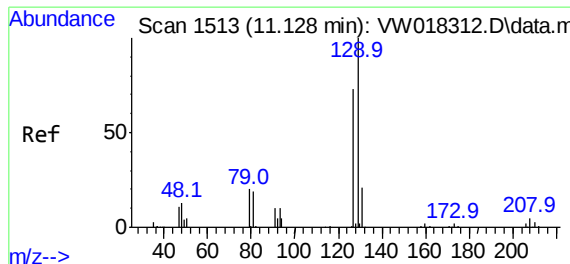
Tgt Ion:164 Resp: 441927
Ion Ratio Lower Upper
164 100
129 107.1 68.8 127.8
131 98.1 68.3 126.8
166 133.4 95.4 177.2



#49
2-Hexanone
Concen: 1.24 ug/L
RT: 10.975 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion: 43 Resp: 1639
Ion Ratio Lower Upper
43 100
58 51.4 47.3 70.9
57 7.6 17.3 25.9#
100 14.7 12.9 19.3

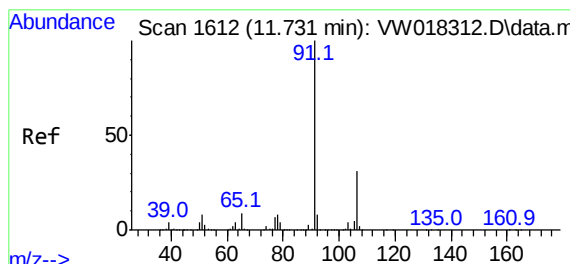
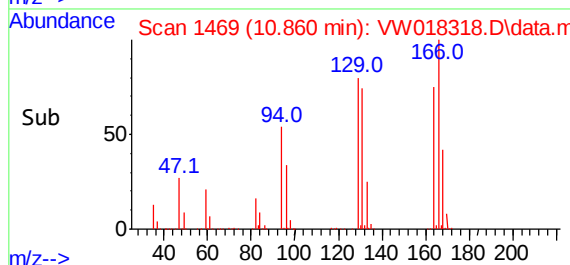
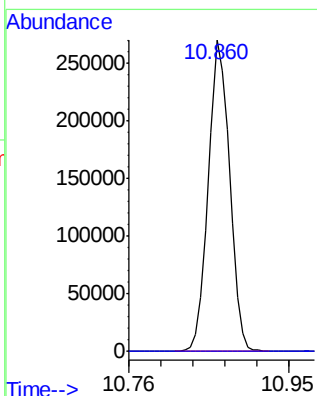
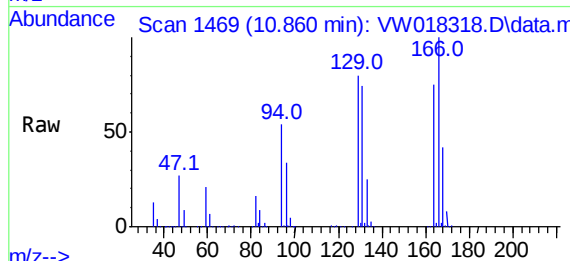




#50
Dibromochloromethane
Concen: 121.67 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

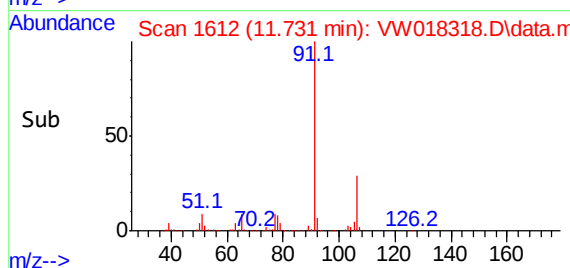
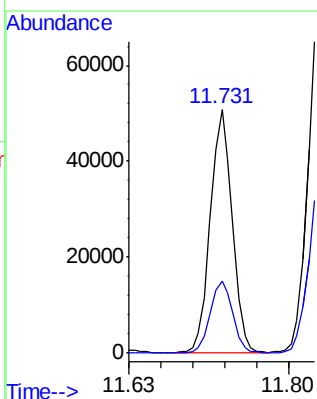
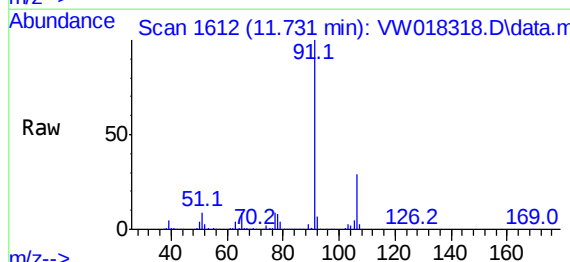
Instrument :
MSVOA_W
ClientSampled :
BG575

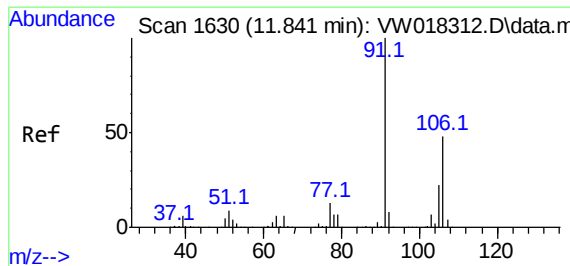
Tgt Ion: 129 Resp: 455379
Ion Ratio Lower Upper
129 100
127 0.0 58.0 107.6#



#53
Ethylbenzene
Concen: 3.88 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion: 91 Resp: 79623
Ion Ratio Lower Upper
91 100
106 29.5 21.7 40.3

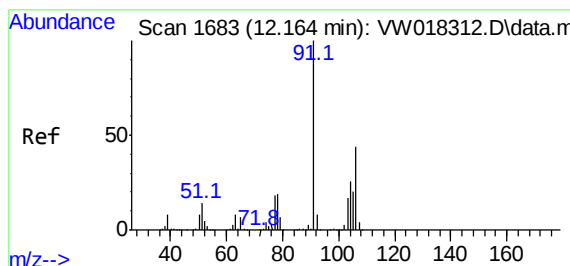
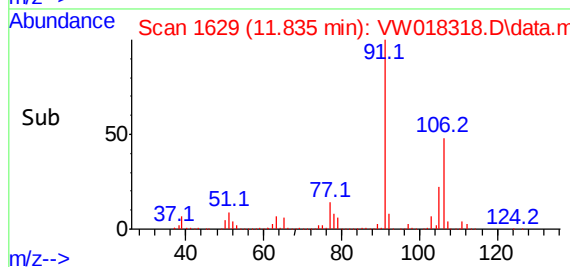
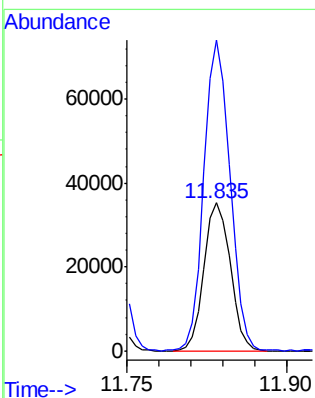
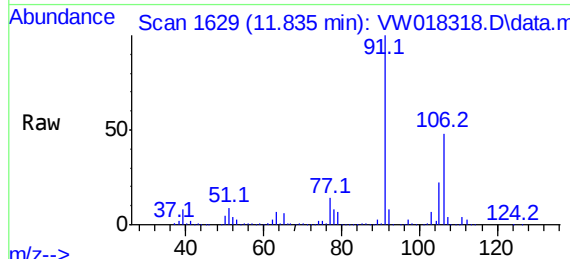




#54
m,p-Xylene
Concen: 8.13 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

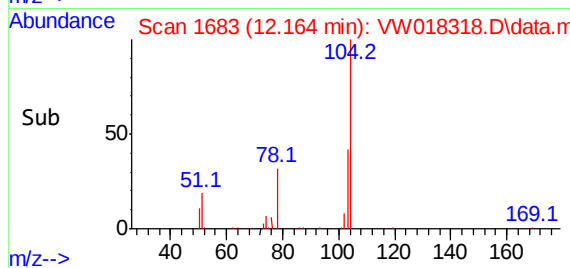
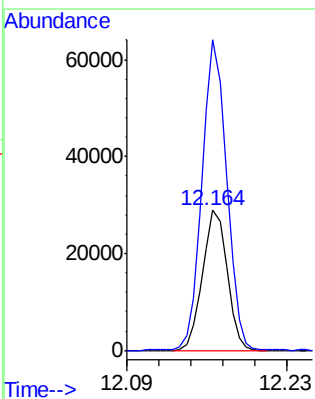
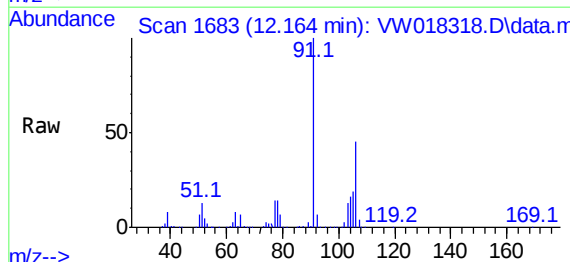
Instrument :
MSVOA_W
ClientSampleId :
BG575

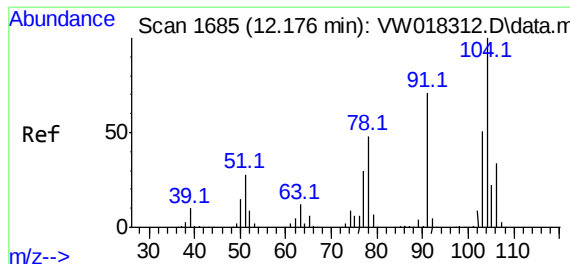
Tgt Ion:106 Resp: 63278
Ion Ratio Lower Upper
106 100
91 209.9 145.3 269.8



#55
o-xylene
Concen: 6.22 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion:106 Resp: 45301
Ion Ratio Lower Upper
106 100
91 221.4 154.3 286.5

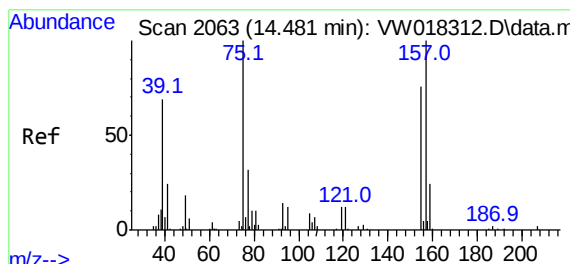
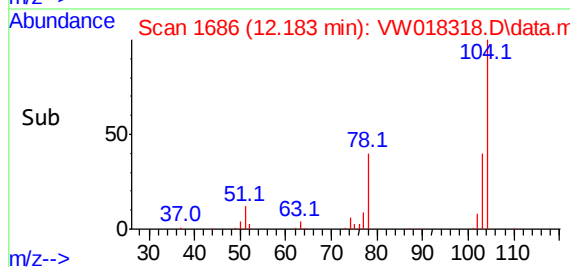
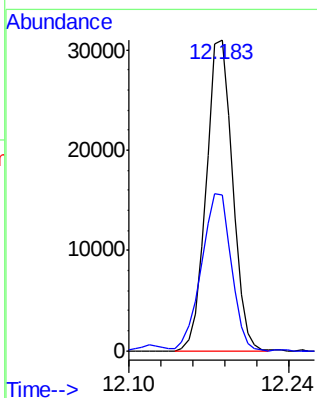
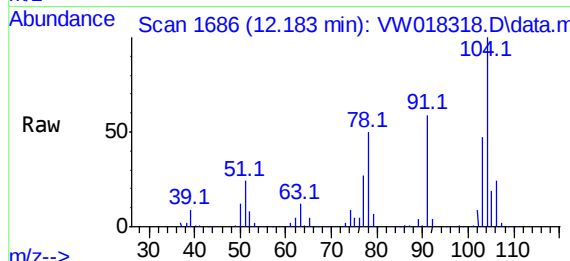




#56
Styrene
Concen: 4.14 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

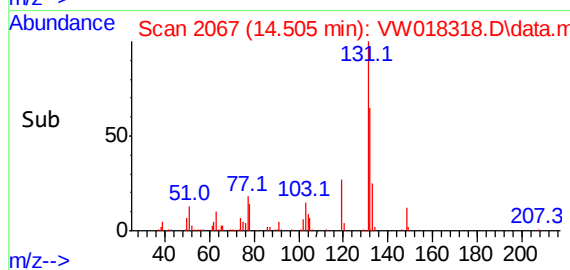
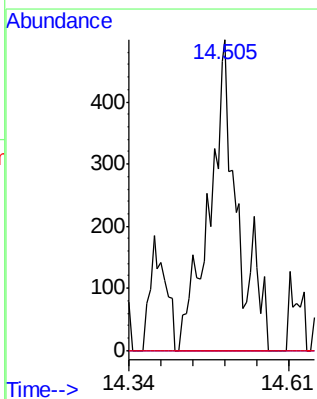
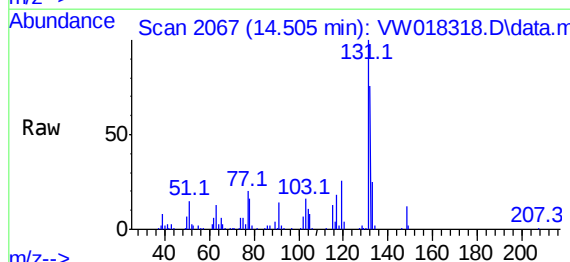
Instrument :
MSVOA_W
ClientSampleId :
BG575

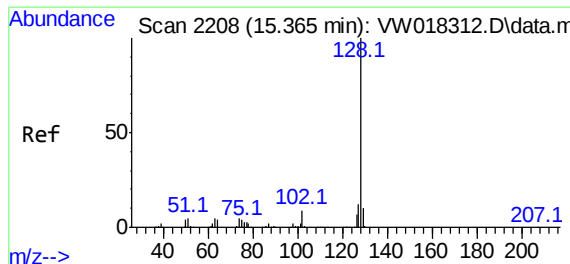
Tgt Ion:104 Resp: 51599
Ion Ratio Lower Upper
104 100
78 50.0 34.7 64.5



#66
1,2-Dibromo-3-chloropropane
Concen: 2.81 ug/L
RT: 14.505 min Scan# 2067
Delta R.T. 0.024 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Tgt Ion: 75 Resp: 1680
Ion Ratio Lower Upper
75 100
157 0.0 65.2 97.8#
155 0.0 60.1 90.1#





#69
Naphthalene
Concen: 10.79 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018318.D
Acq: 12 Mar 2021 14:38

Instrument :
MSVOA_W
ClientSampleId :
BG575

Tgt Ion:128 Resp: 108184
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.3 10.7 16.1

