

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
 Data File : VW018063.D
 Acq On : 10 Feb 2021 15:33
 Operator : SY/VA
 Sample : M1371-03
 Misc : 4.41G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:58:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 11 00:57:43 2021
 Response via : Initial Calibration

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

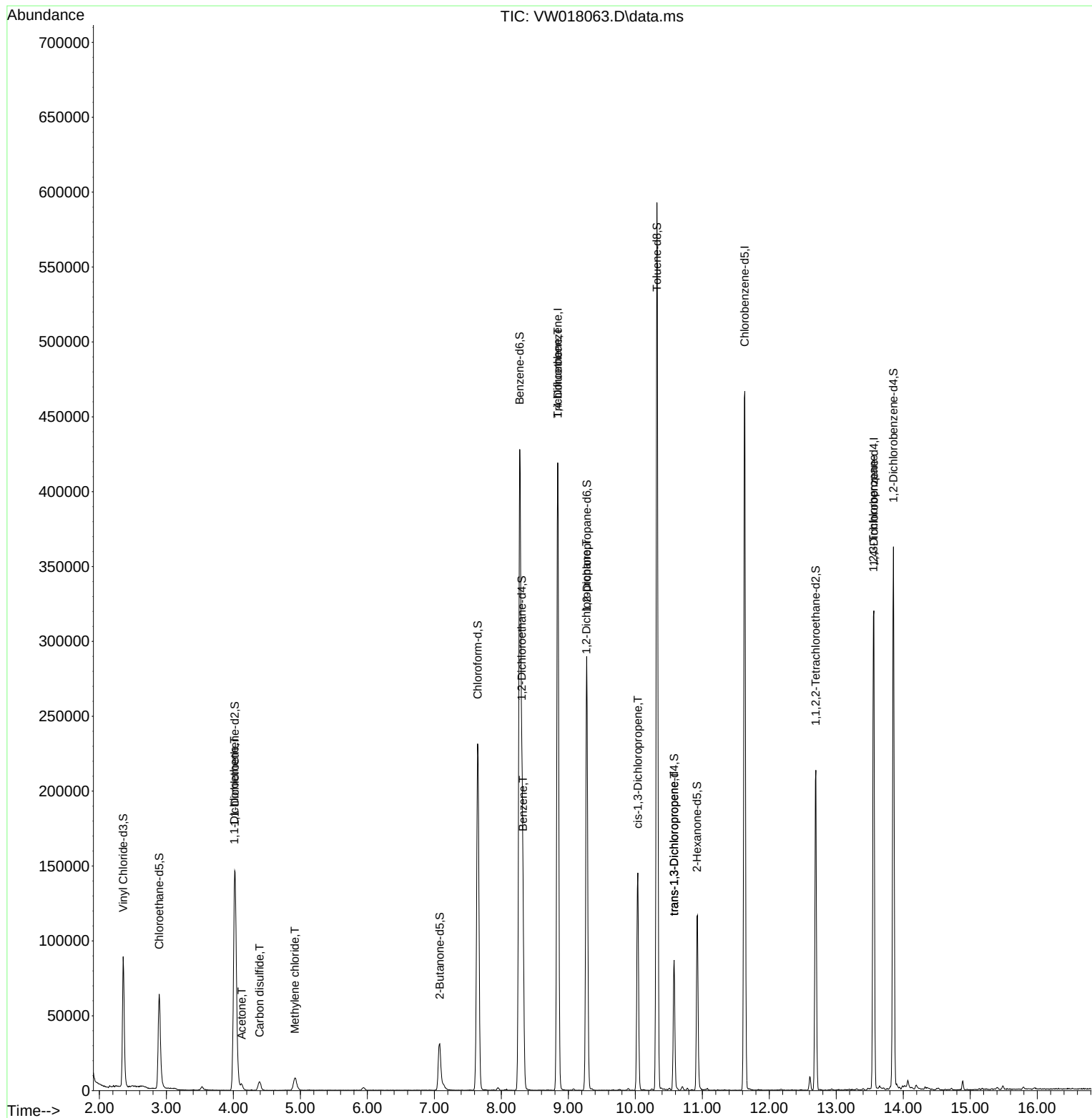
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	377420	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	284498	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	92795	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	101487	21.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.56%		
7) Chloroethane-d5	2.891	69	86495	23.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.92%		
10) 1,1-Dichloroethene-d2	4.019	63	156789	16.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.88%		
20) 2-Butanone-d5	7.080	46	53426	42.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.36%		
24) Chloroform-d	7.647	84	243656	24.60	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.40%		
26) 1,2-Dichloroethane-d4	8.305	65	122782	23.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.08%		
29) Benzene-d6	8.275	84	462678	29.62	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	118.48%		
33) 1,2-Dichloropropane-d6	9.274	67	134415	30.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	123.08%#		
37) Toluene-d8	10.323	98	403019	27.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	108.48%		
38) trans-1,3-Dichloroprop...	10.579	79	50796	25.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	102.60%		
39) 2-Hexanone-d5	10.920	63	42981	51.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.90%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	103057	26.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	107.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	99869	30.17	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	120.68%#		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.013	96	1361	0.27	ug/L #	1
13) Acetone	4.123	43	5998	6.48	ug/L	100
14) Carbon disulfide	4.391	76	13554	0.92	ug/L	100
16) Methylene chloride	4.915	84	4353	0.72	ug/L	91
34) Benzene	8.323	78	76765	4.62	ug/L	100
35) Trichloroethene	8.842	95	10977	2.34	ug/L #	3
40) 1,2-Dichloropropane	9.268	63	15268	4.00	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	3669	0.60	ug/L #	78
45) trans-1,3-Dichloropropene	10.579	75	2164	0.40	ug/L	85
59) 1,2,3-Trichloropropane	13.554	75	9769	3.35	ug/L	98

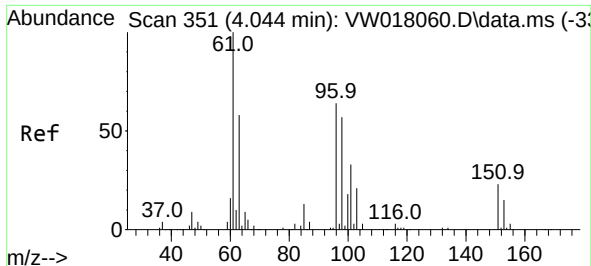
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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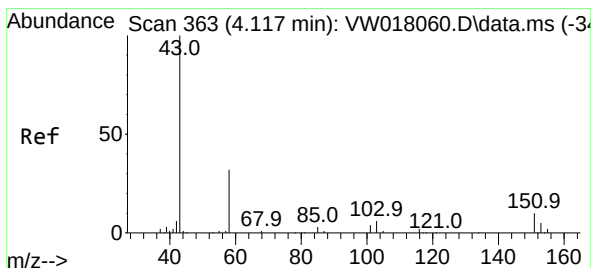
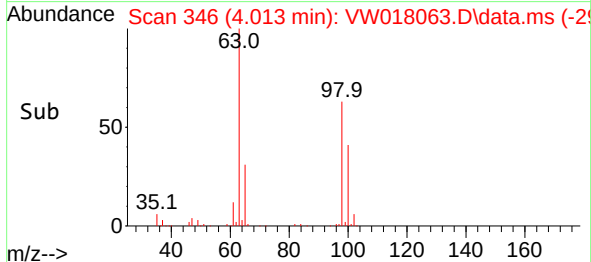
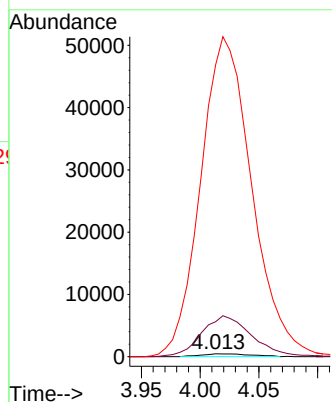
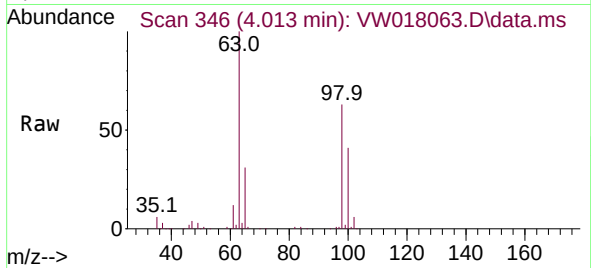




#12
1,1-Dichloroethene
Concen: 0.27 ug/L
RT: 4.013 min Scan# 346
Delta R.T. -0.030 min
Lab File: VW018063.D
Acq: 10 Feb 2021 15:33

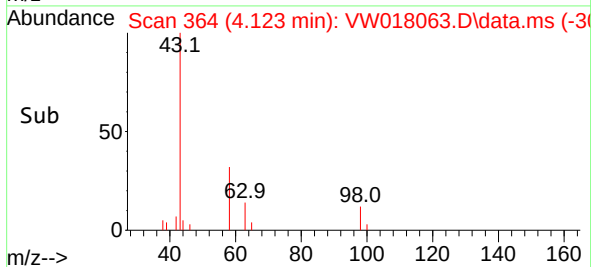
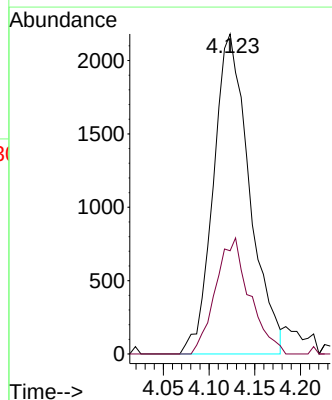
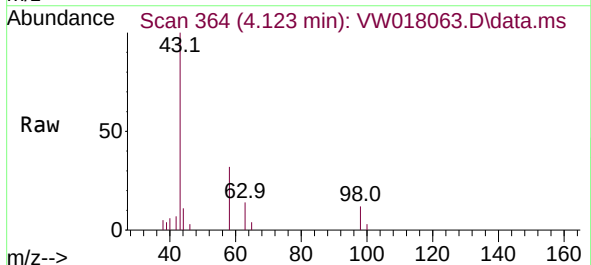
Instrument :
MSVOA_W
ClientSampled :

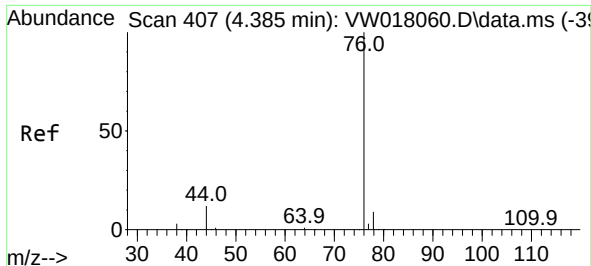
Tgt Ion: 96 Resp: 1361
Ion Ratio Lower Upper
96 100
61 1238.3 112.5 208.9#
63 10334.8 83.1 154.3#



#13
Acetone
Concen: 6.48 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018063.D
Acq: 10 Feb 2021 15:33

Tgt Ion: 43 Resp: 5998
Ion Ratio Lower Upper
43 100
58 34.2 0.0 68.4

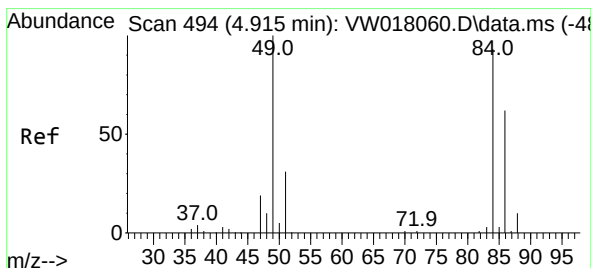
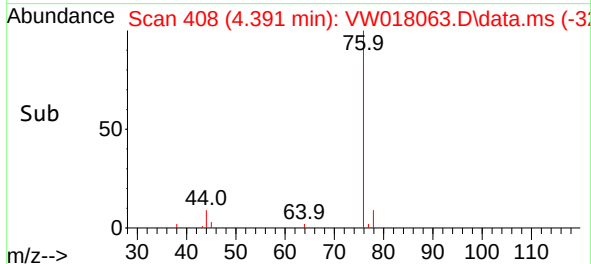
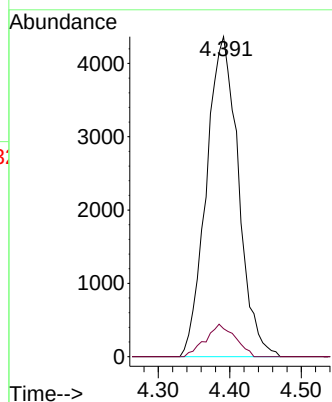
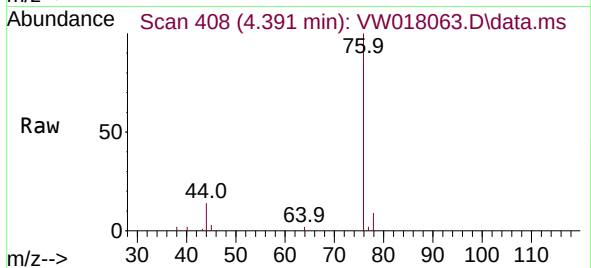




#14
Carbon disulfide
Concen: 0.92 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018063.D
Acq: 10 Feb 2021 15:33

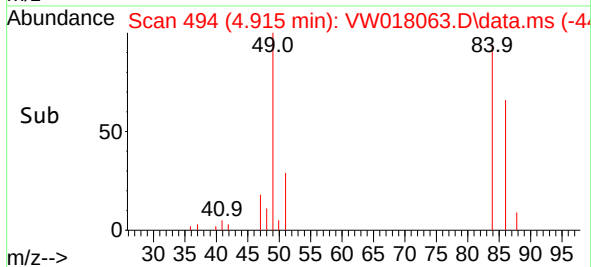
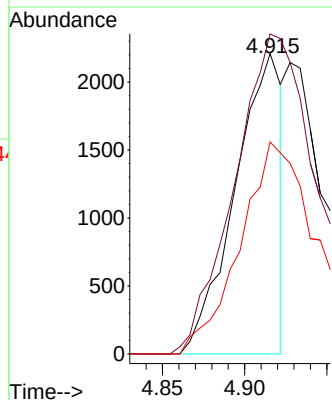
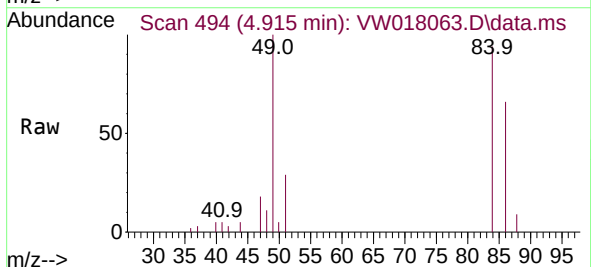
Instrument :
MSVOA_W
ClientSampled :

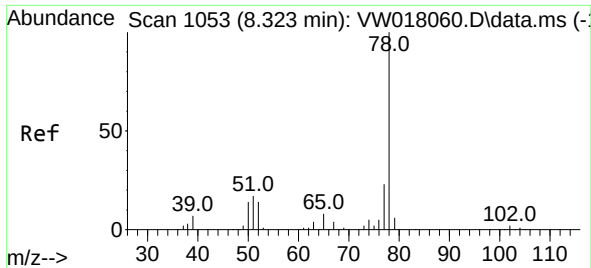
Tgt Ion: 76 Resp: 13554
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#16
Methylene chloride
Concen: 0.72 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018063.D
Acq: 10 Feb 2021 15:33

Tgt Ion: 84 Resp: 4353
Ion Ratio Lower Upper
84 100
49 106.6 81.2 150.8
86 70.6 44.5 82.7

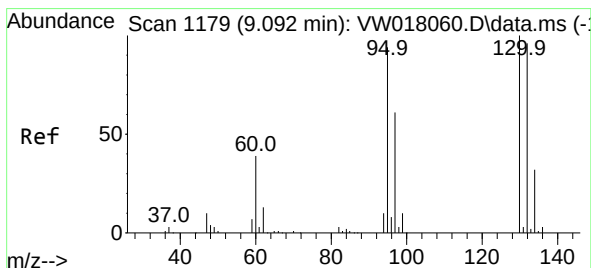
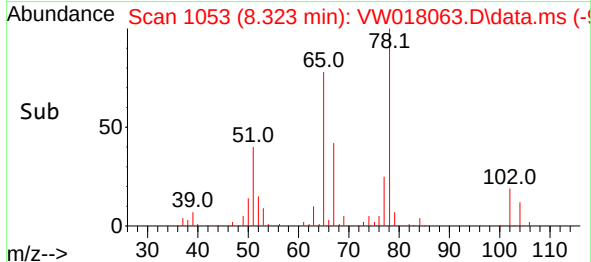
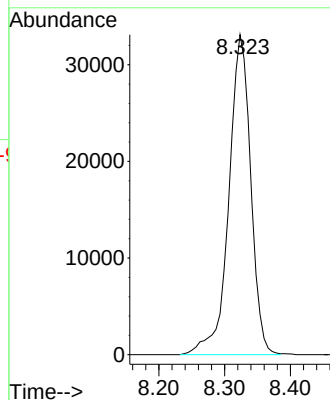
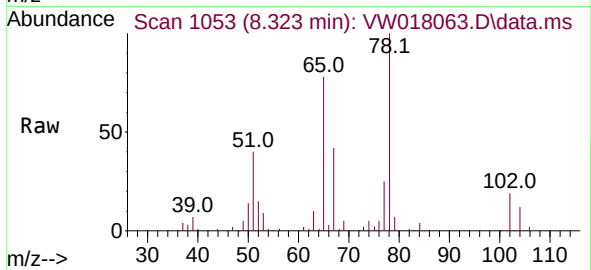




#34
Benzene
Concen: 4.62 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018063.D
Acq: 10 Feb 2021 15:33

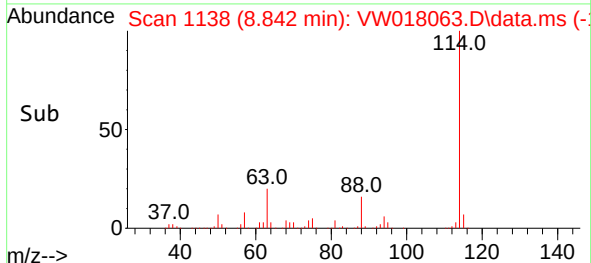
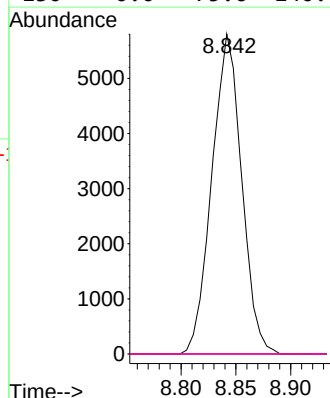
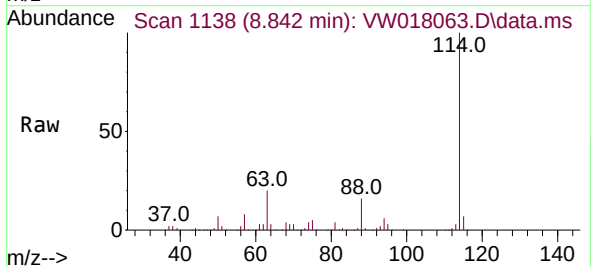
Instrument :
MSVOA_W
ClientSampled :

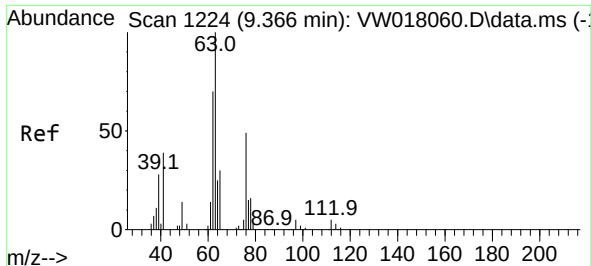
Tgt Ion: 78 Resp: 76765



#35
Trichloroethene
Concen: 2.34 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018063.D
Acq: 10 Feb 2021 15:33

Tgt Ion: 95 Resp: 10977
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#

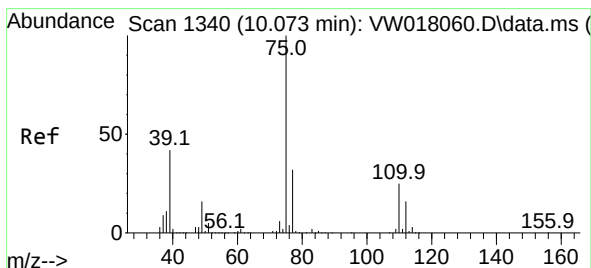
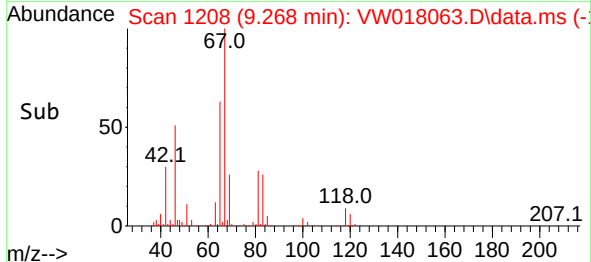
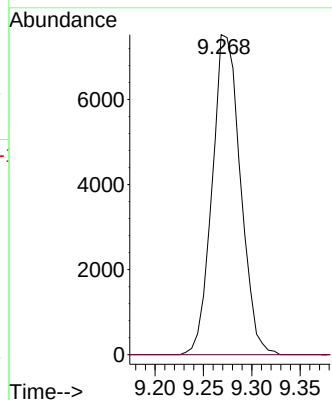
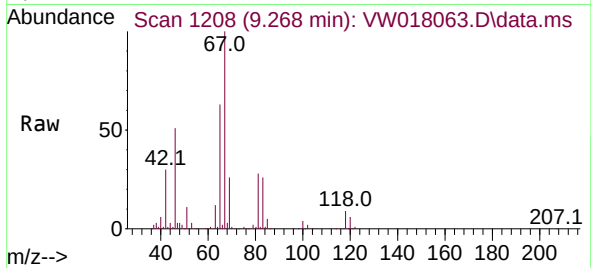




#40
1,2-Dichloropropane
Concen: 4.00 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.098 min
Lab File: VW018063.D
Acq: 10 Feb 2021 15:33

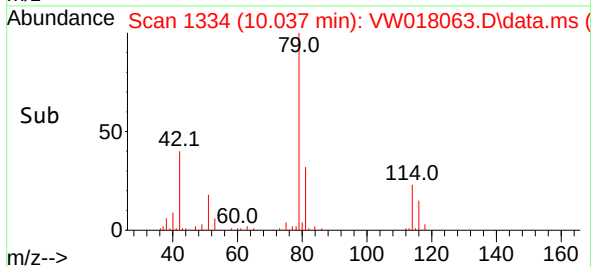
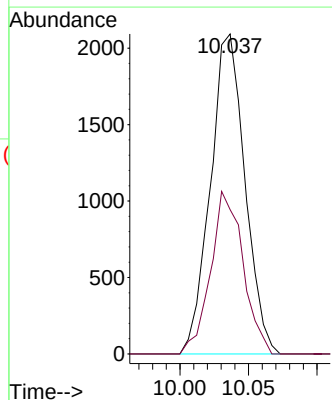
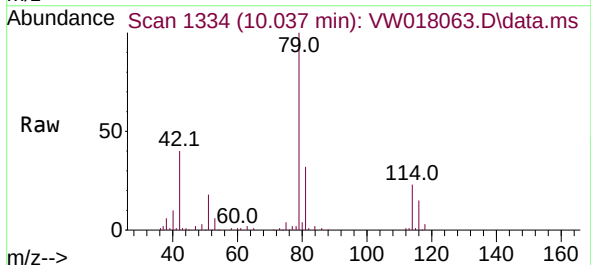
Instrument :
MSVOA_W
ClientSampled :

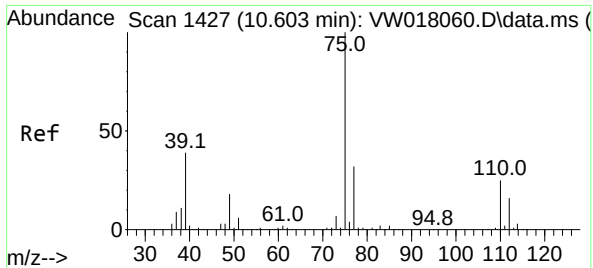
Tgt Ion: 63 Resp: 15268
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.60 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018063.D
Acq: 10 Feb 2021 15:33

Tgt Ion: 75 Resp: 3669
Ion Ratio Lower Upper
75 100
77 45.1 22.7 42.3#

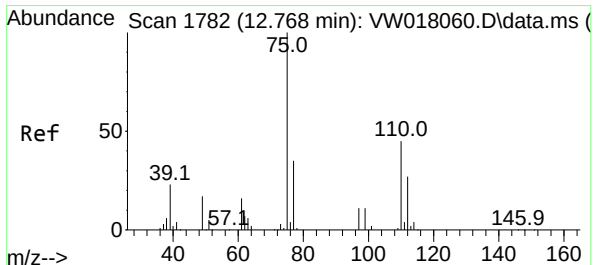
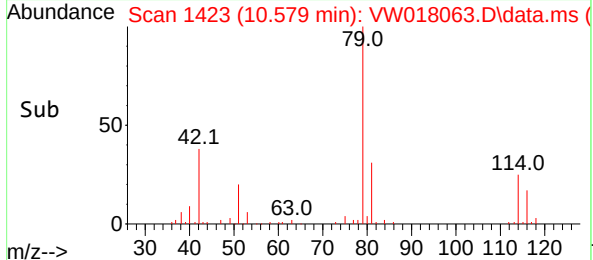
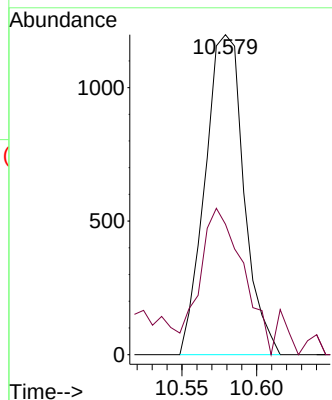
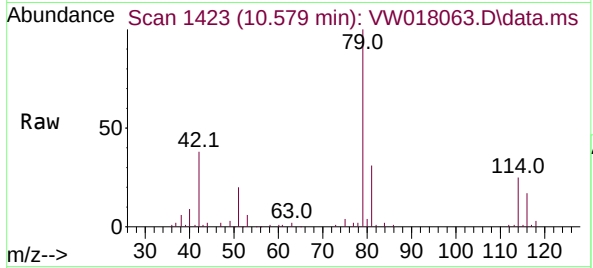




#45
trans-1,3-Dichloropropene
Concen: 0.40 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018063.D
Acq: 10 Feb 2021 15:33

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 2164
Ion Ratio Lower Upper
75 100
77 40.7 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 3.35 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018063.D
Acq: 10 Feb 2021 15:33

Tgt Ion: 75 Resp: 9769
Ion Ratio Lower Upper
75 100
77 34.1 26.6 39.8

