

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018193.D
 Acq On : 17 Feb 2021 17:48
 Operator : SY/VA
 Sample : M1414-21RE
 Misc : 5.41G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 06:18:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

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

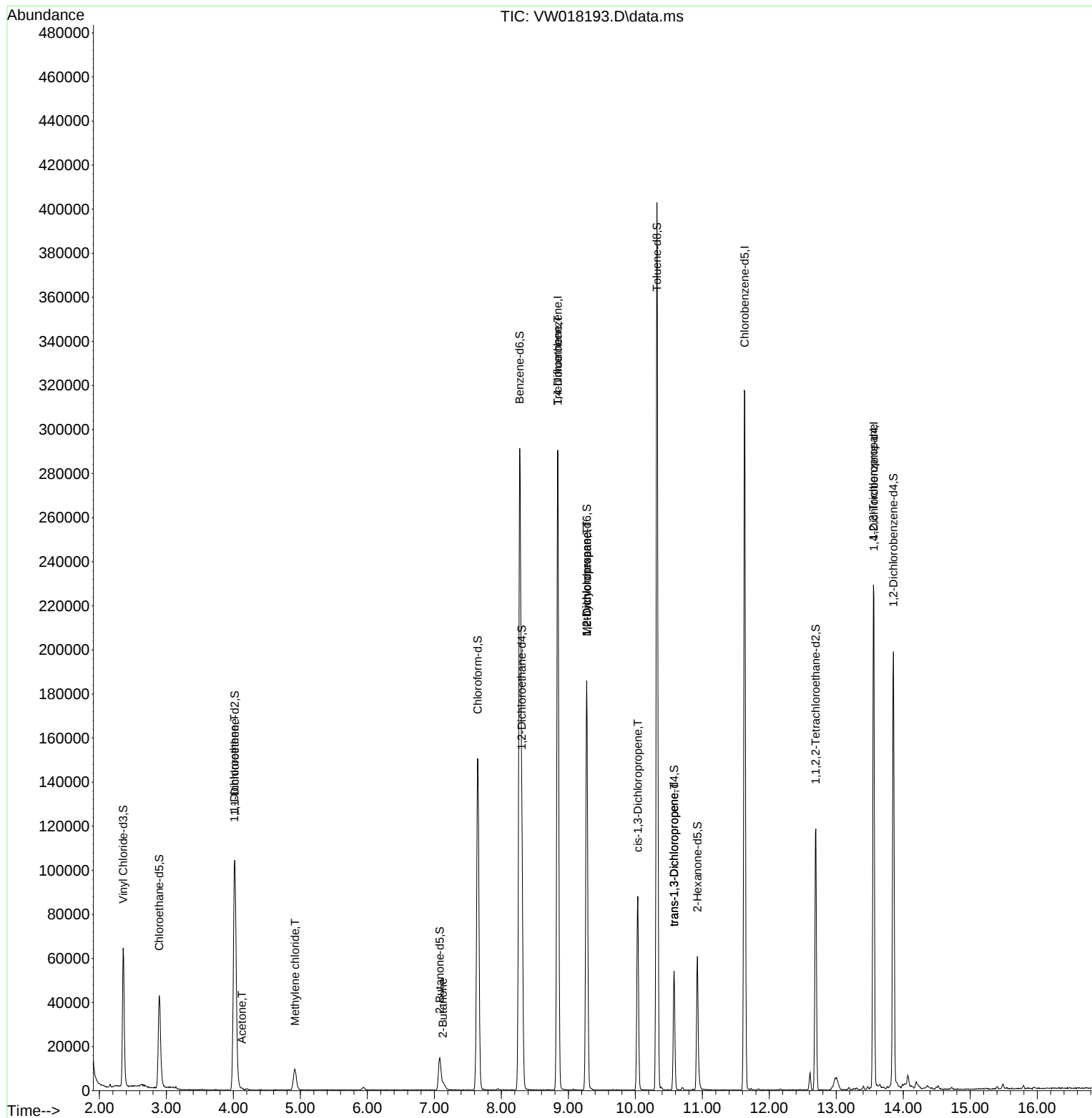
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	256242	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	194396	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	66299	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	72741	22.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.36%		
7) Chloroethane-d5	2.891	69	59130	23.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.56%		
10) 1,1-Dichloroethene-d2	4.019	63	110234	17.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.24%		
20) 2-Butanone-d5	7.080	46	24799	29.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	58.36%		
24) Chloroform-d	7.647	84	160404	23.85	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.40%		
26) 1,2-Dichloroethane-d4	8.305	65	80873	22.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.32%		
29) Benzene-d6	8.275	84	318053	29.80	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	119.20%		
33) 1,2-Dichloropropane-d6	9.274	67	88098	29.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	118.04%		
37) Toluene-d8	10.323	98	273373	26.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	107.68%		
38) trans-1,3-Dichloroprop...	10.579	79	31538	23.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.20%		
39) 2-Hexanone-d5	10.927	63	20968	36.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.48%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	58564	22.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	89.32%		
61) 1,2-Dichlorobenzene-d4	13.853	152	56974	24.09	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.36%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.013	96	1088	0.32	ug/L #	1
13) Acetone	4.129	43	725	1.15	ug/L	71
16) Methylene chloride	4.922	84	8421	2.05	ug/L	83
21) 2-Butanone	7.128	43	2316	2.42	ug/L #	46
35) Trichloroethene	8.842	95	7479	2.34	ug/L #	3
36) Methylcyclohexane	9.274	83	23348	4.34	ug/L #	19
40) 1,2-Dichloropropane	9.274	63	9488	3.64	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	2231	0.53	ug/L #	80
45) trans-1,3-Dichloropropene	10.579	75	1319	0.36	ug/L #	57
59) 1,2,3-Trichloropropane	13.554	75	6485	3.25	ug/L	95

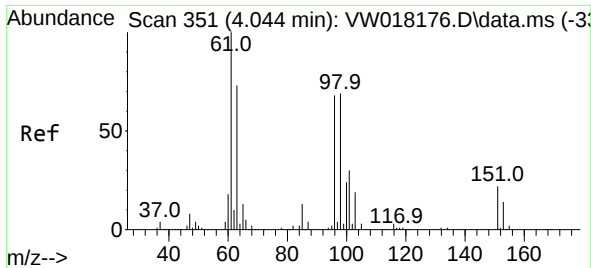
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Feb 18 06:15:22 2021
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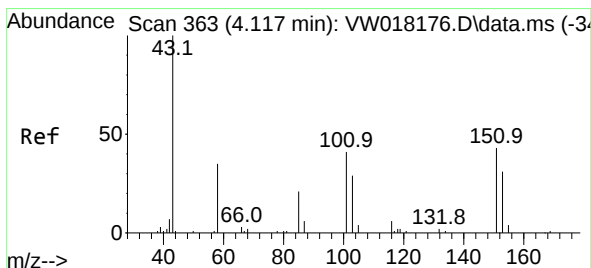
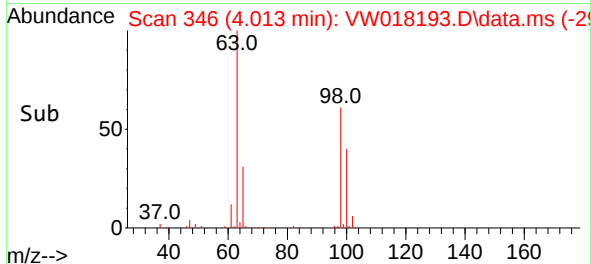
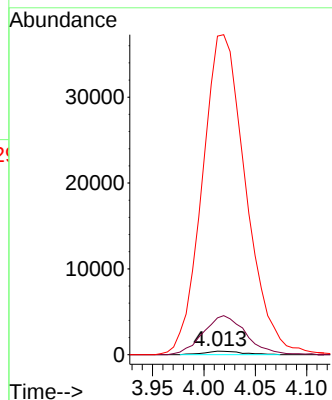
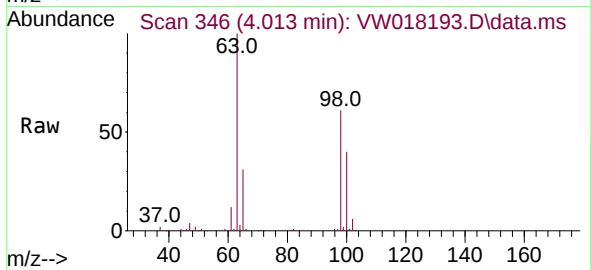




#12
1,1-Dichloroethene
Concen: 0.32 ug/L
RT: 4.013 min Scan# 346
Delta R.T. -0.030 min
Lab File: VW018193.D
Acq: 17 Feb 2021 17:48

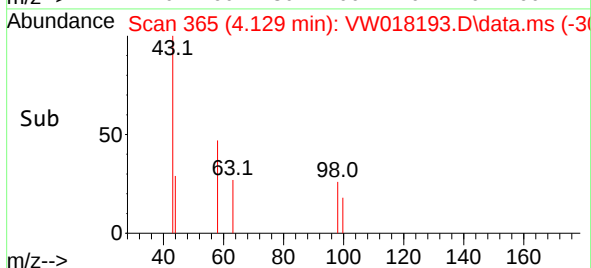
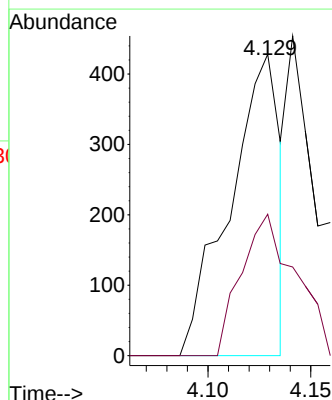
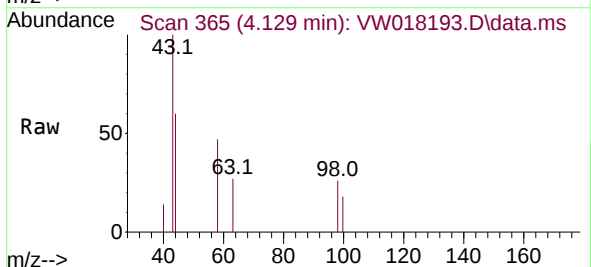
Instrument :
MSVOA_W
ClientSampled :

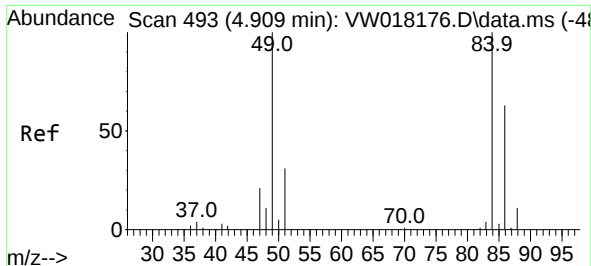
Tgt Ion: 96 Resp: 1088
Ion Ratio Lower Upper
96 100
61 1044.1 112.5 208.9#
63 9051.7 83.1 154.3#



#13
Acetone
Concen: 1.15 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018193.D
Acq: 17 Feb 2021 17:48

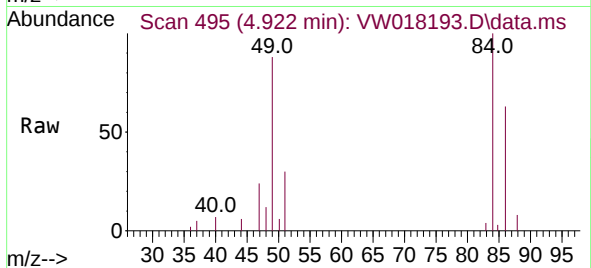
Tgt Ion: 43 Resp: 725
Ion Ratio Lower Upper
43 100
58 50.9 0.0 68.4



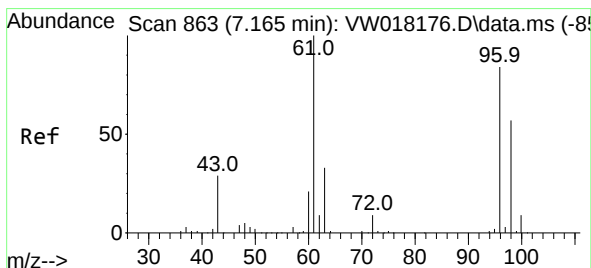
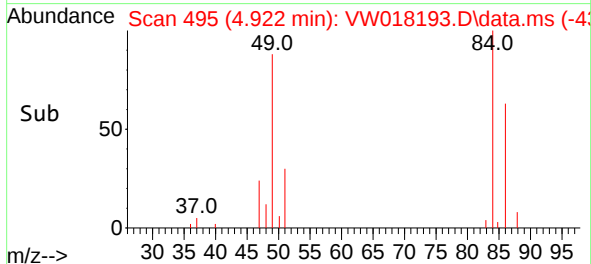
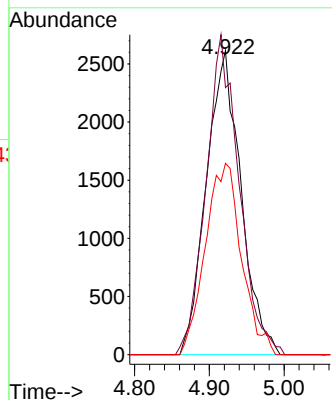


#16
Methylene chloride
Concen: 2.05 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018193.D
Acq: 17 Feb 2021 17:48

Instrument :
MSVOA_W
ClientSampled :

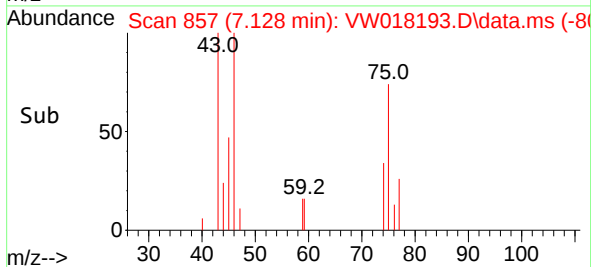
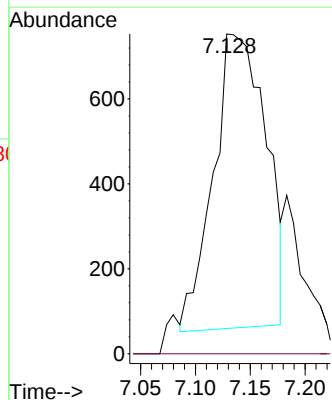
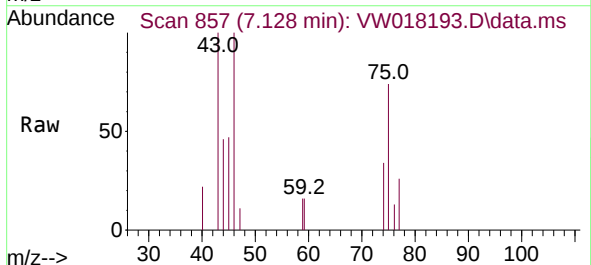


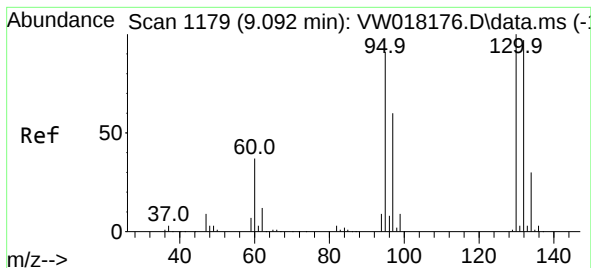
Tgt Ion	Ratio	Lower	Upper
84	100		
49	87.8	81.2	150.8
86	62.9	44.5	82.7



#21
2-Butanone
Concen: 2.42 ug/L
RT: 7.128 min Scan# 857
Delta R.T. -0.037 min
Lab File: VW018193.D
Acq: 17 Feb 2021 17:48

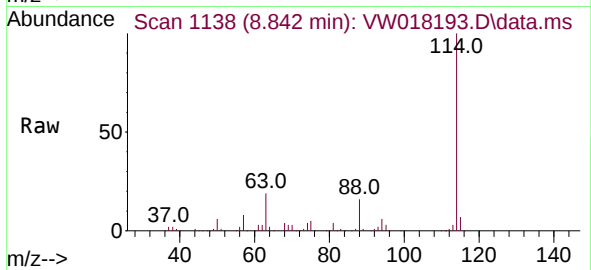
Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	43.2#





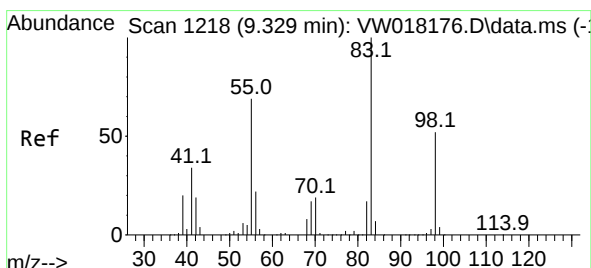
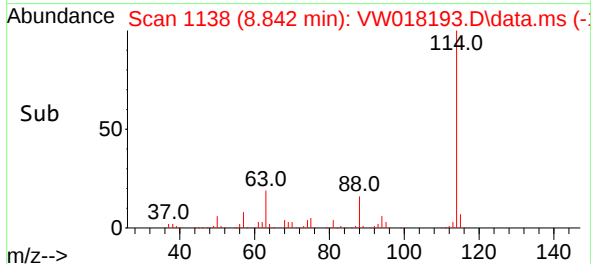
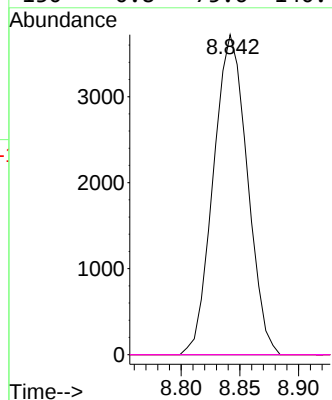
#35
Trichloroethene
Concen: 2.34 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018193.D
Acq: 17 Feb 2021 17:48

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 95 Resp: 7479

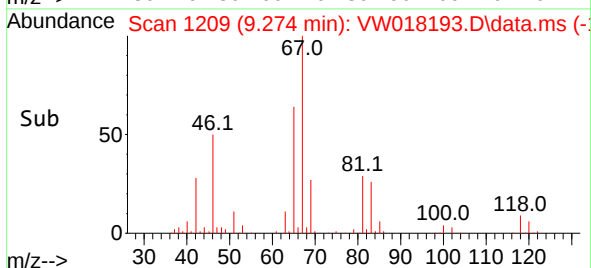
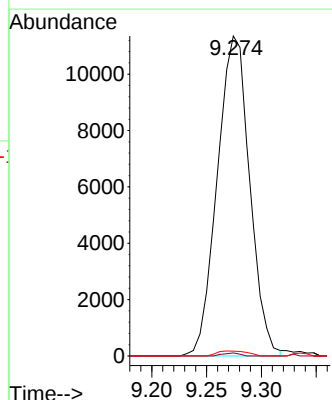
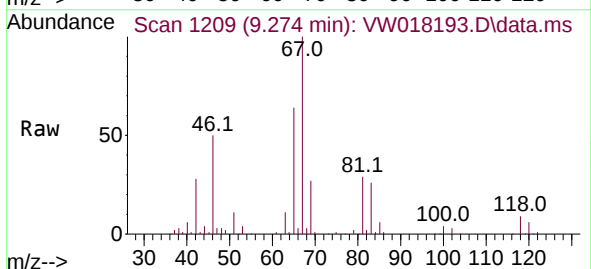
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.4	71.0	131.8#
130	0.8	75.6	140.4#

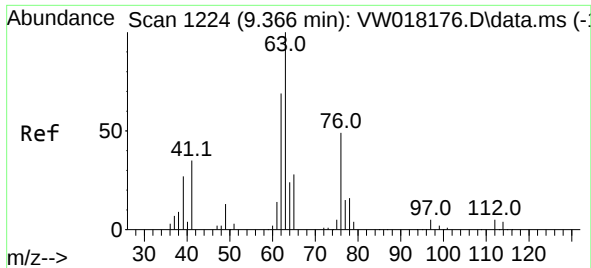


#36
Methylcyclohexane
Concen: 4.34 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.055 min
Lab File: VW018193.D
Acq: 17 Feb 2021 17:48

Tgt Ion: 83 Resp: 23348

Ion	Ratio	Lower	Upper
83	100		
55	0.5	59.4	89.0#
98	1.4	40.7	61.1#

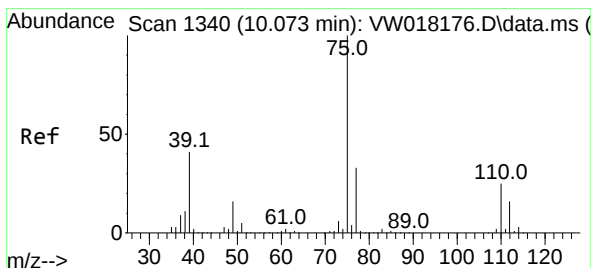
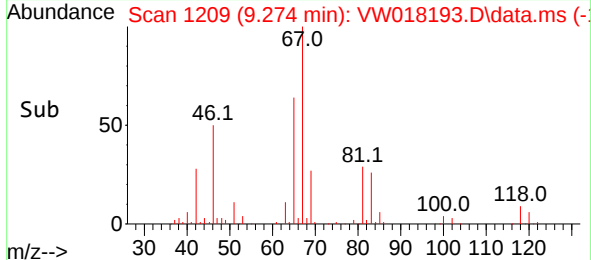
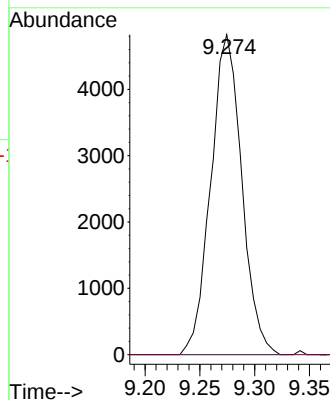
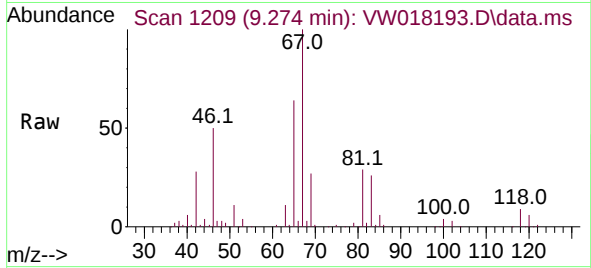




#40
1,2-Dichloropropane
Concen: 3.64 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018193.D
Acq: 17 Feb 2021 17:48

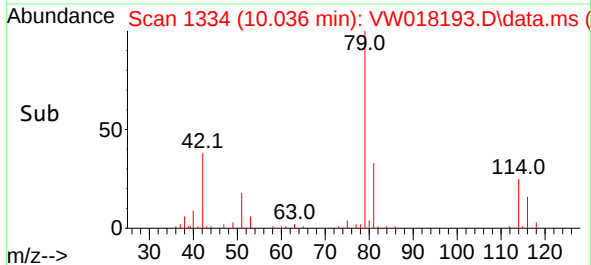
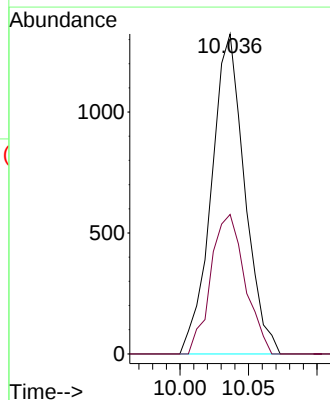
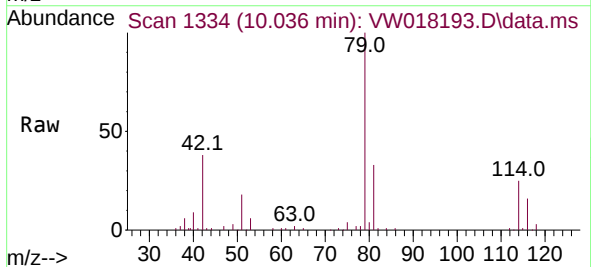
Instrument :
MSVOA_W
ClientSampled :

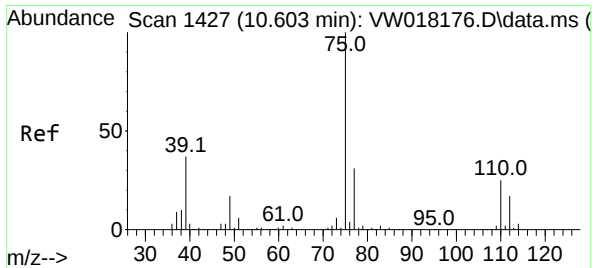
Tgt Ion: 63 Resp: 9488
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.53 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018193.D
Acq: 17 Feb 2021 17:48

Tgt Ion: 75 Resp: 2231
Ion Ratio Lower Upper
75 100
77 43.6 22.7 42.3#

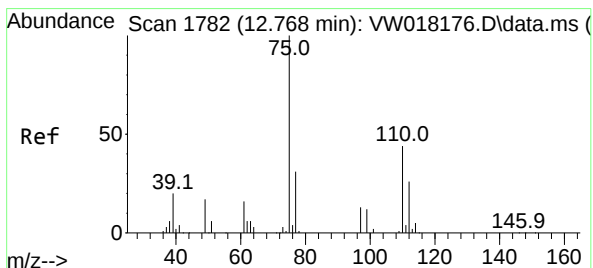
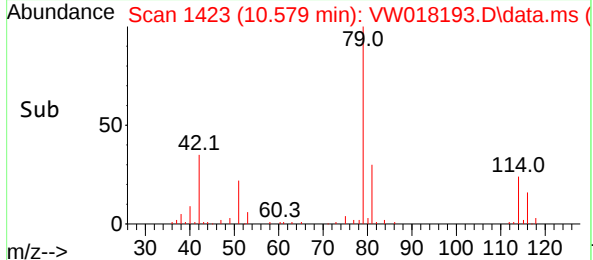
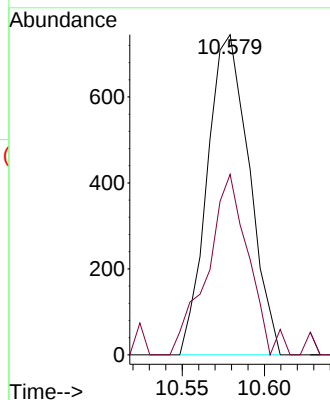
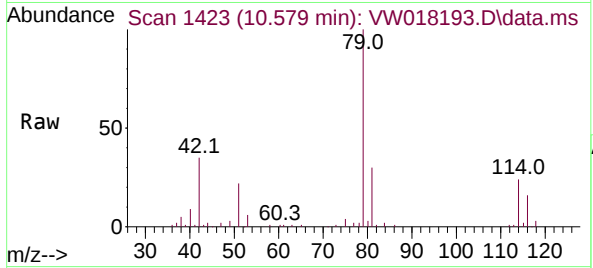




#45
trans-1,3-Dichloropropene
Concen: 0.36 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018193.D
Acq: 17 Feb 2021 17:48

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 1319
Ion Ratio Lower Upper
75 100
77 56.4 22.6 42.0#



#59
1,2,3-Trichloropropane
Concen: 3.25 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018193.D
Acq: 17 Feb 2021 17:48

Tgt Ion: 75 Resp: 6485
Ion Ratio Lower Upper
75 100
77 35.8 26.6 39.8

