

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018182.D
 Acq On : 17 Feb 2021 13:21
 Operator : SY/VA
 Sample : M1414-17
 Misc : 5.87G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 06:16:52 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)

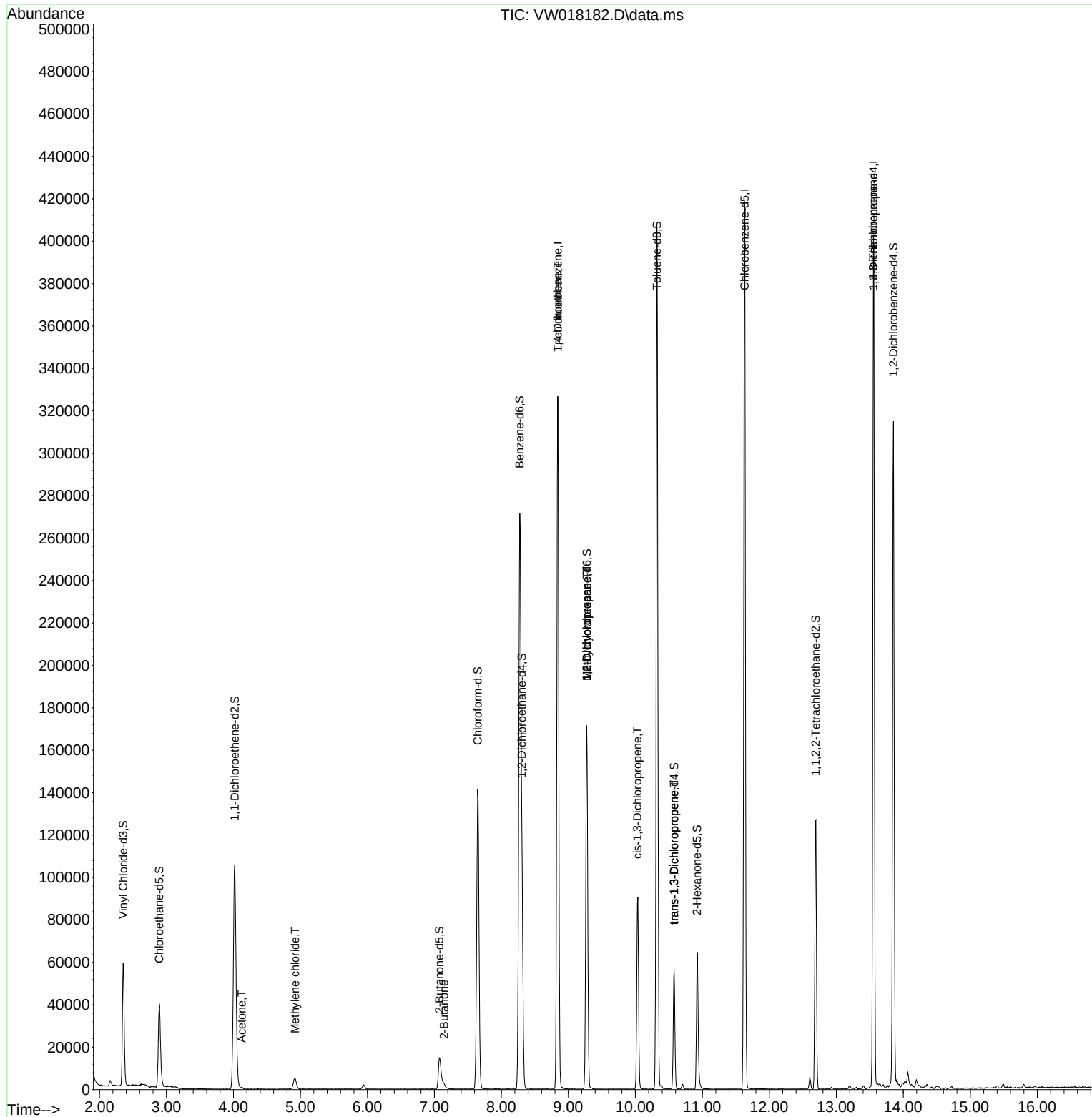
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	292671	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	259675	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	116870	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	65422	17.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.96%		
7) Chloroethane-d5	2.891	69	52161	18.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.28%		
10) 1,1-Dichloroethene-d2	4.019	63	104690	14.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.60%		
20) 2-Butanone-d5	7.074	46	25765	26.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	53.08%		
24) Chloroform-d	7.647	84	146204	19.04	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.16%		
26) 1,2-Dichloroethane-d4	8.305	65	76151	18.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	74.44%		
29) Benzene-d6	8.275	84	295384	20.72	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.88%		
33) 1,2-Dichloropropane-d6	9.274	67	82552	20.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.80%		
37) Toluene-d8	10.323	98	278353	20.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.08%		
38) trans-1,3-Dichloroprop...	10.579	79	32513	17.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	71.96%		
39) 2-Hexanone-d5	10.920	63	22969	30.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.26%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	63854	18.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	72.92%		
61) 1,2-Dichlorobenzene-d4	13.853	152	88800	21.30	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.20%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	961	1.34	ug/L	74
16) Methylene chloride	4.922	84	4544	0.97	ug/L	88
21) 2-Butanone	7.147	43	1983	1.81	ug/L #	46
35) Trichloroethene	8.842	95	8529	1.99	ug/L #	3
36) Methylcyclohexane	9.274	83	21875	3.04	ug/L #	19
40) 1,2-Dichloropropane	9.274	63	9204	2.64	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	2359	0.42	ug/L #	75
45) trans-1,3-Dichloropropene	10.579	75	1402	0.29	ug/L #	82
59) 1,2,3-Trichloropropane	13.554	75	11611	4.36	ug/L	97

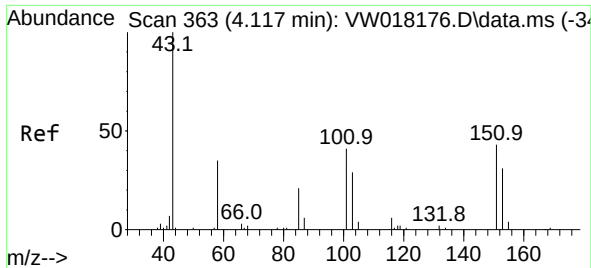
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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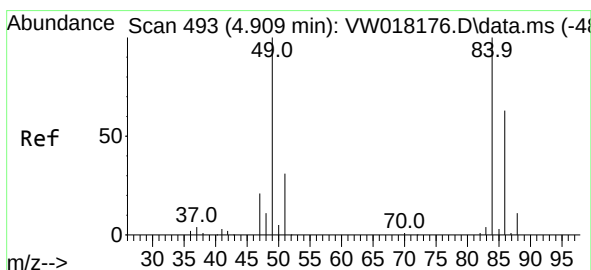
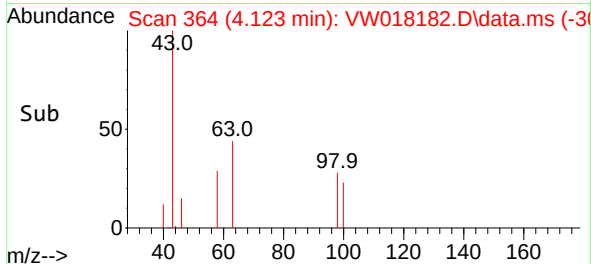
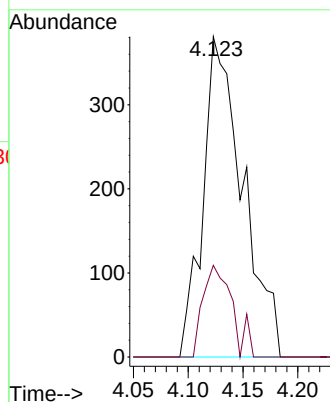
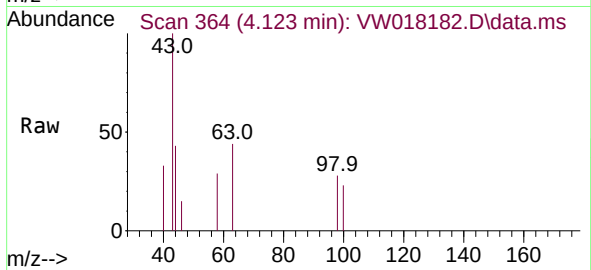




#13
Acetone
Concen: 1.34 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018182.D
Acq: 17 Feb 2021 13:21

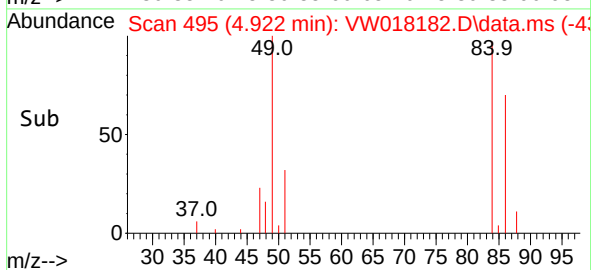
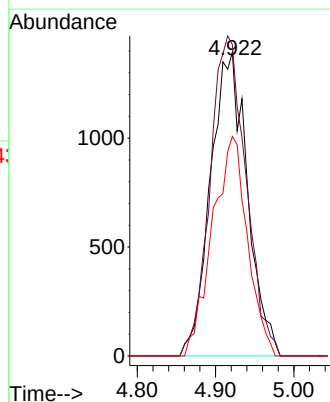
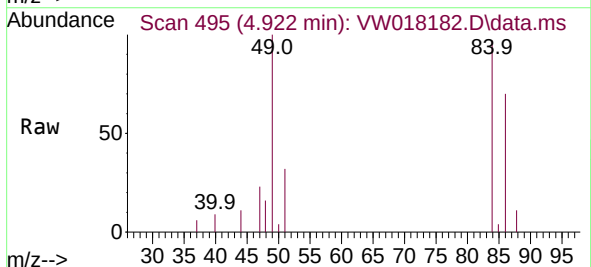
Instrument :
MSVOA_W
ClientSampled :

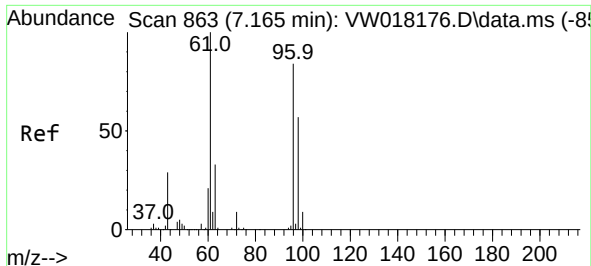
Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
58 19.0 0.0 68.4



#16
Methylene chloride
Concen: 0.97 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018182.D
Acq: 17 Feb 2021 13:21

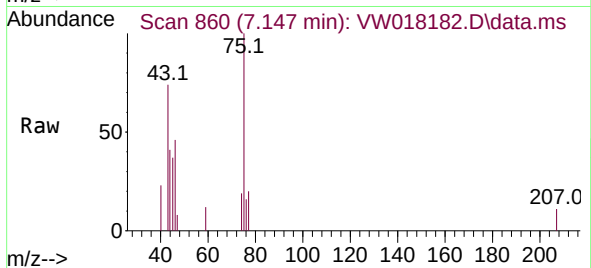
Tgt Ion: 84 Resp: 4544
Ion Ratio Lower Upper
84 100
49 102.6 81.2 150.8
86 72.3 44.5 82.7



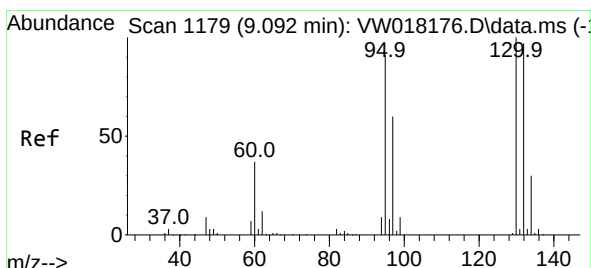
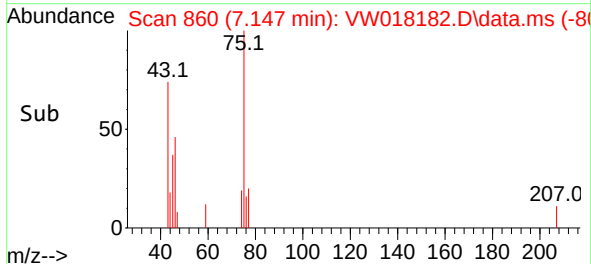
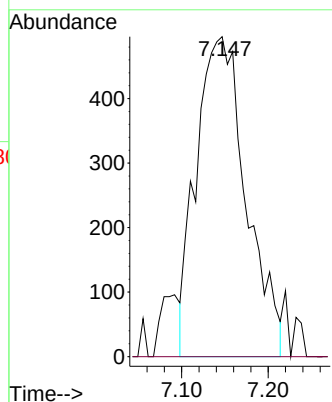


#21
2-Butanone
Concen: 1.81 ug/L
RT: 7.147 min Scan# 860
Delta R.T. -0.018 min
Lab File: VW018182.D
Acq: 17 Feb 2021 13:21

Instrument :
MSVOA_W
ClientSampled :

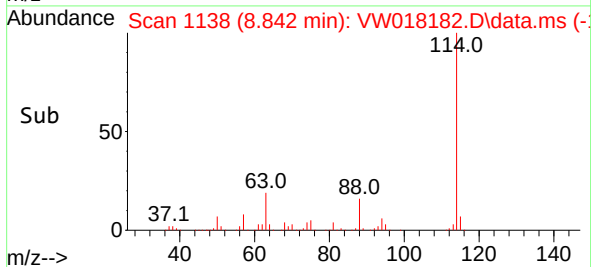
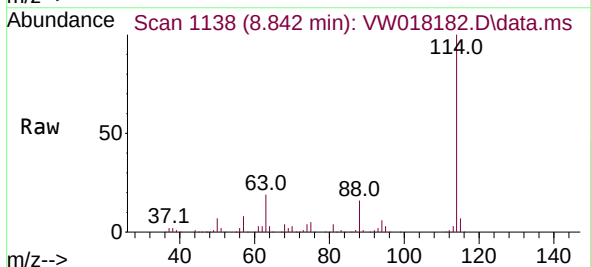
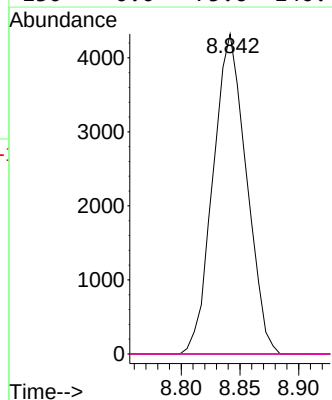


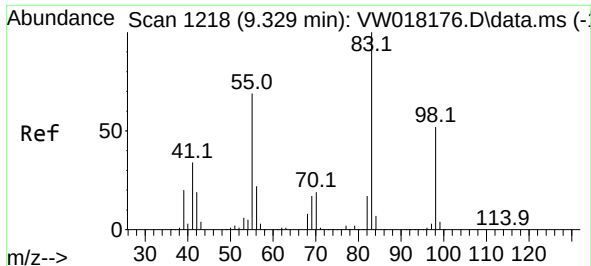
Tgt Ion: 43 Resp: 1983
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#35
Trichloroethene
Concen: 1.99 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018182.D
Acq: 17 Feb 2021 13:21

Tgt Ion: 95 Resp: 8529
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#

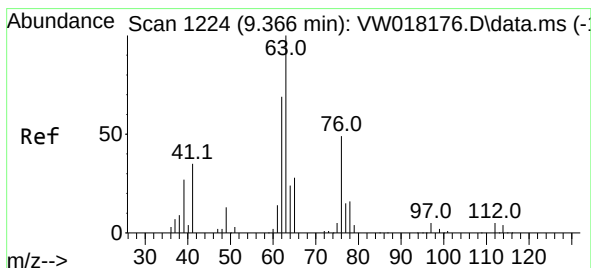
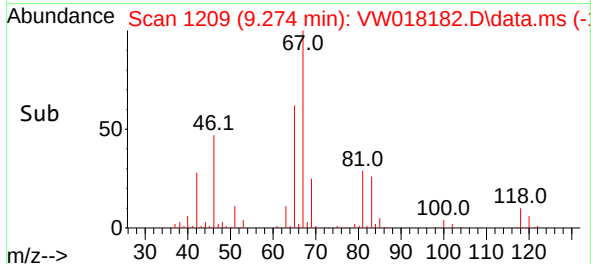
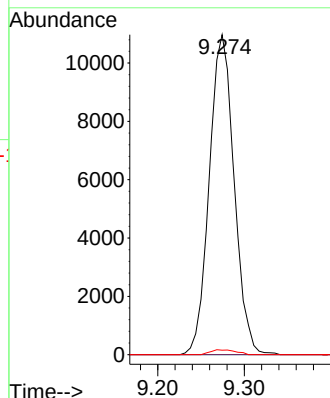
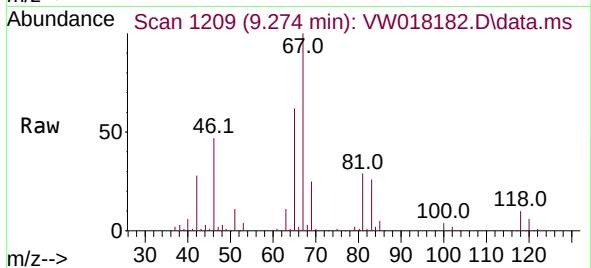




#36
Methylcyclohexane
Concen: 3.04 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.055 min
Lab File: VW018182.D
Acq: 17 Feb 2021 13:21

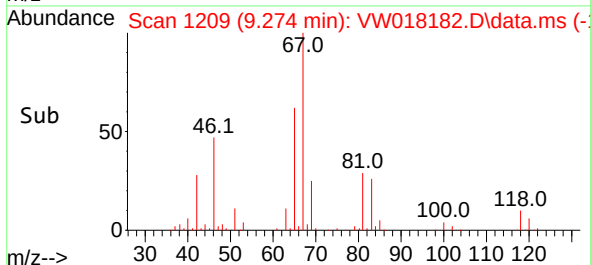
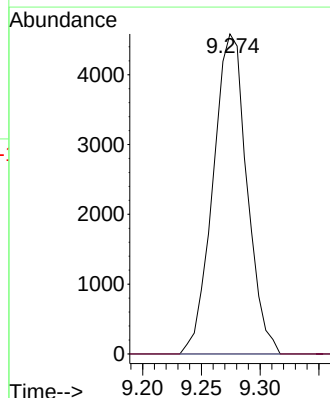
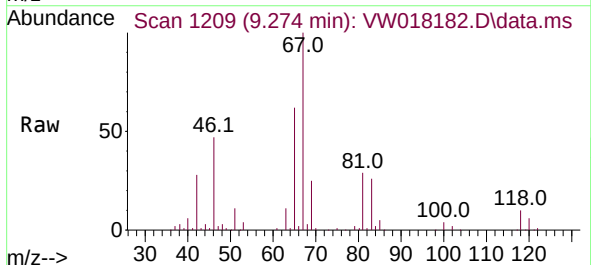
Instrument :
MSVOA_W
ClientSampled :

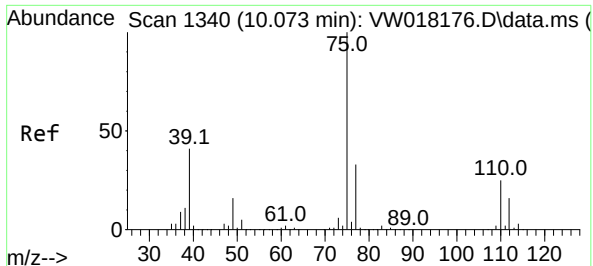
Tgt Ion: 83 Resp: 21875
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 1.6 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 2.64 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018182.D
Acq: 17 Feb 2021 13:21

Tgt Ion: 63 Resp: 9204
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

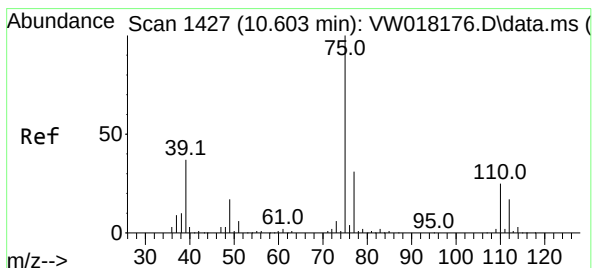
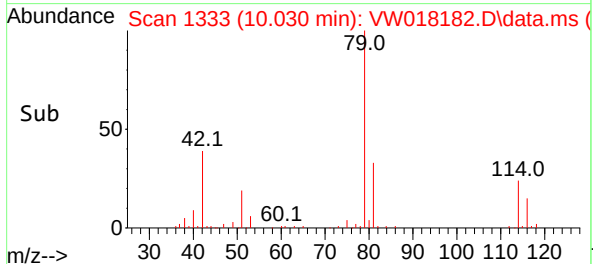
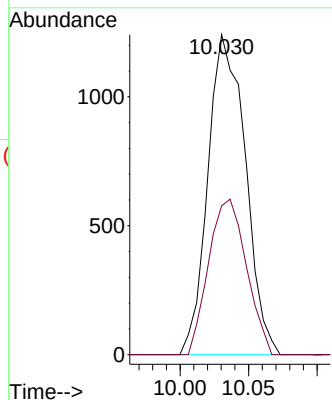
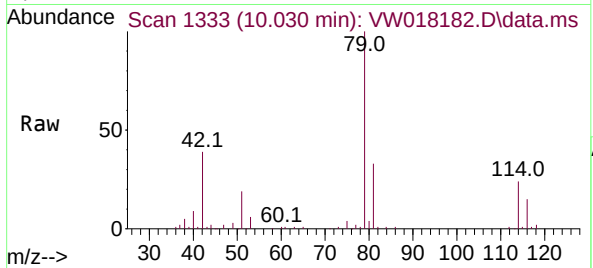




#42
cis-1,3-Dichloropropene
Concen: 0.42 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018182.D
Acq: 17 Feb 2021 13:21

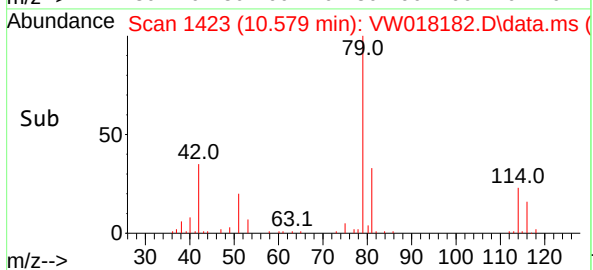
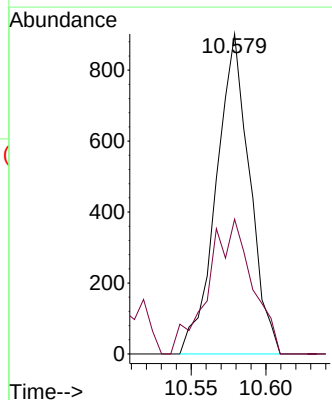
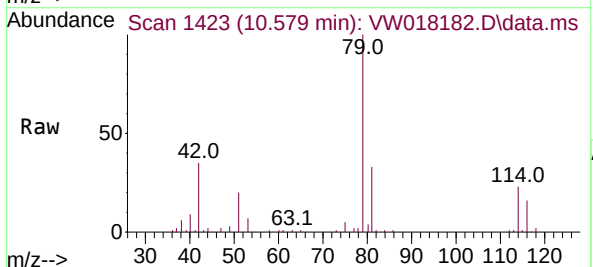
Instrument :
MSVOA_W
ClientSampled :

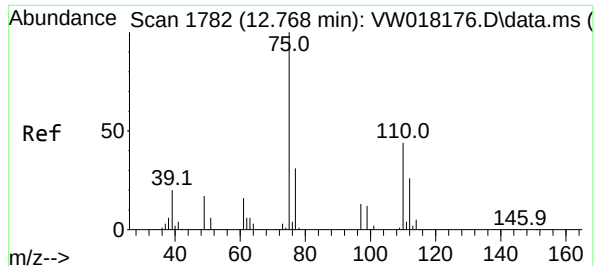
Tgt Ion: 75 Resp: 2359
Ion Ratio Lower Upper
75 100
77 46.5 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.29 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018182.D
Acq: 17 Feb 2021 13:21

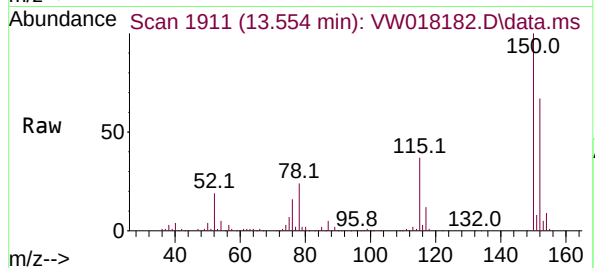
Tgt Ion: 75 Resp: 1402
Ion Ratio Lower Upper
75 100
77 42.1 22.6 42.0#





#59
 1,2,3-Trichloropropane
 Concen: 4.36 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018182.D
 Acq: 17 Feb 2021 13:21

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 11611
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.6 39.8

