

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018180.D
 Acq On : 17 Feb 2021 12:33
 Operator : SY/VA
 Sample : M1370-15RE
 Misc : 7.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 06:16:34 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)

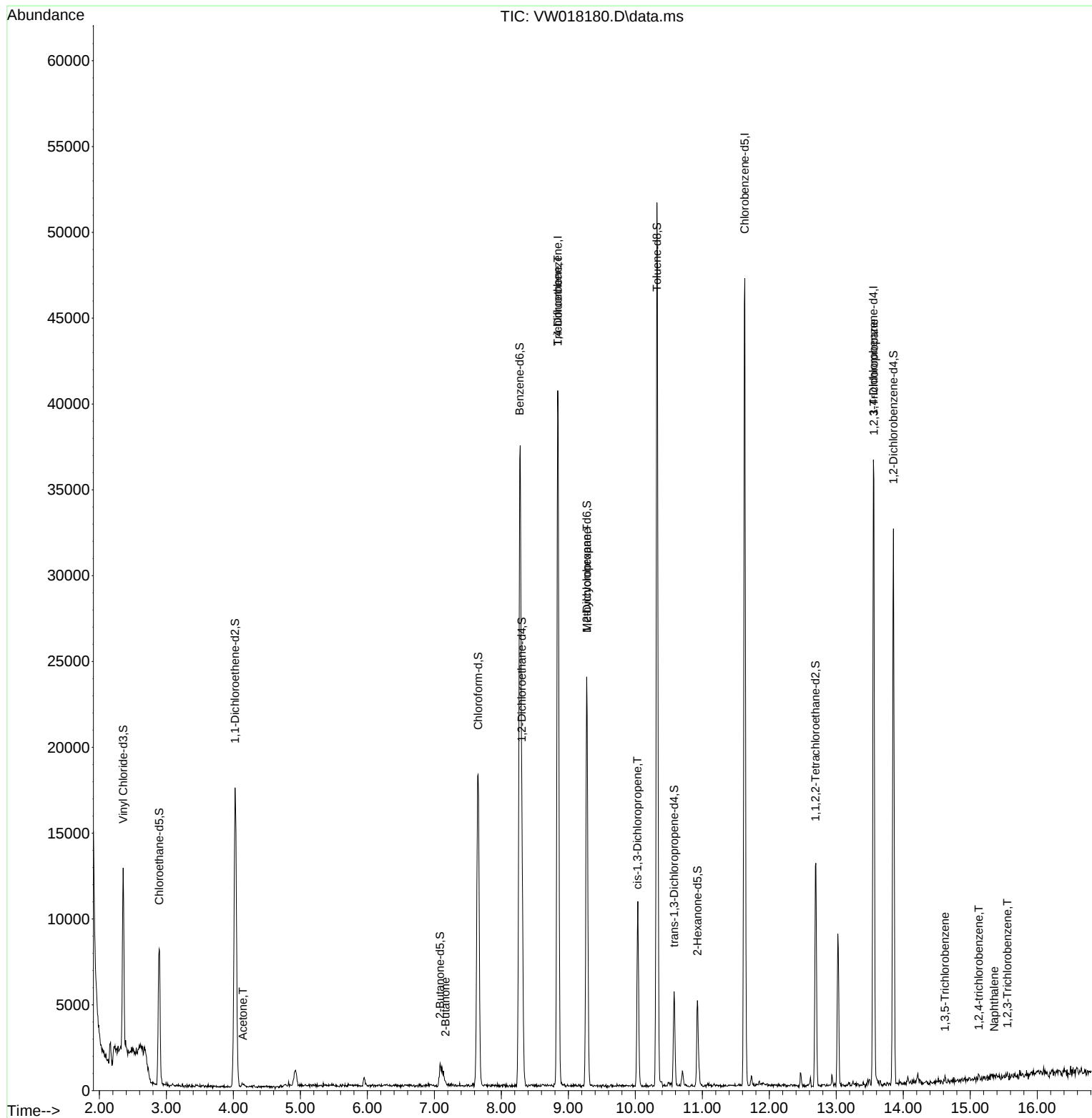
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	37017	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	29320	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	10785	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	10619	23.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.32%		
7) Chloroethane-d5	2.892	69	9036	24.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.00%		
10) 1,1-Dichloroethene-d2	4.026	63	16001	17.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.60%		
20) 2-Butanone-d5	7.086	46	2012	16.39	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	32.78%		
24) Chloroform-d	7.653	84	20462	21.06	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.24%		
26) 1,2-Dichloroethane-d4	8.305	65	9014	17.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	69.68%#		
29) Benzene-d6	8.275	84	41145	25.56	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.24%		
33) 1,2-Dichloropropane-d6	9.275	67	11065	24.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.28%		
37) Toluene-d8	10.323	98	35057	22.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.56%		
38) trans-1,3-Dichloroprop...	10.579	79	3409	16.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.80%		
39) 2-Hexanone-d5	10.927	63	1907	22.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	44.30%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	6667	16.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	67.44%		
61) 1,2-Dichlorobenzene-d4	13.853	152	8899	23.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.52%		
Target Compounds					Qvalue	
13) Acetone	4.141	43	282	3.10	ug/L #	40
21) 2-Butanone	7.165	43	104	0.75	ug/L #	46
35) Trichloroethene	8.842	95	1097	2.27	ug/L #	3
36) Methylcyclohexane	9.275	83	2818	3.47	ug/L #	18
42) cis-1,3-Dichloropropene	10.031	75	252	0.40	ug/L #	42
59) 1,2,3-Trichloropropane	13.560	75	1167	3.88	ug/L	94
67) 1,3,5-Trichlorobenzene	14.621	180	177	0.34	ug/L #	57
68) 1,2,4-trichlorobenzene	15.127	180	165	0.37	ug/L #	78
69) Naphthalene	15.359	128	248	0.29	ug/L #	69
70) 1,2,3-Trichlorobenzene	15.554	180	143	0.36	ug/L #	73

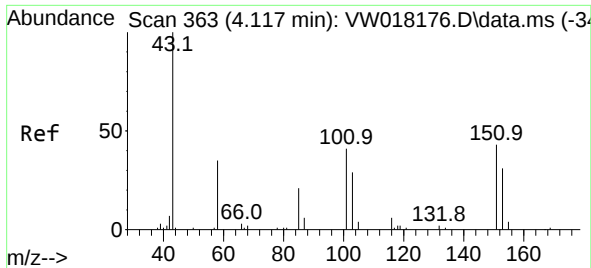
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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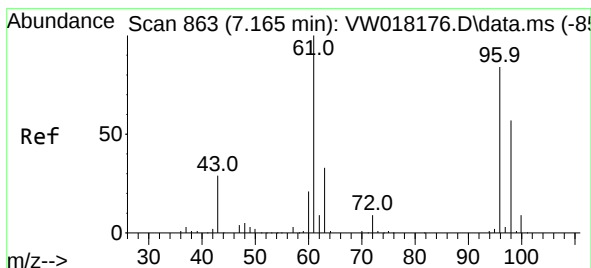
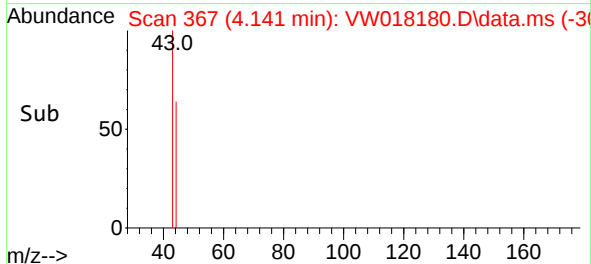
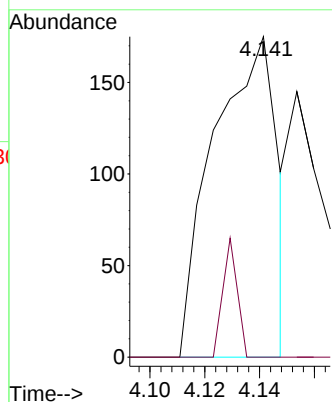
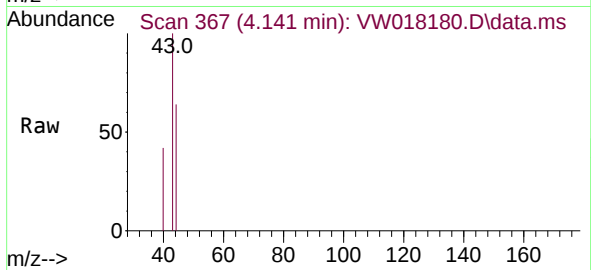




#13
Acetone
Concen: 3.10 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.025 min
Lab File: VW018180.D
Acq: 17 Feb 2021 12:33

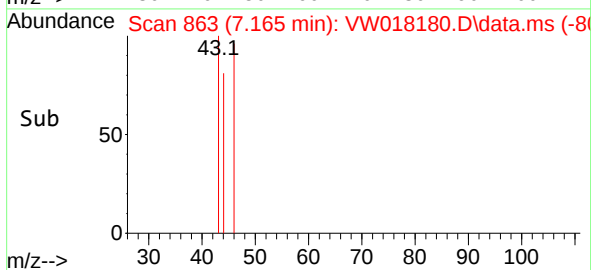
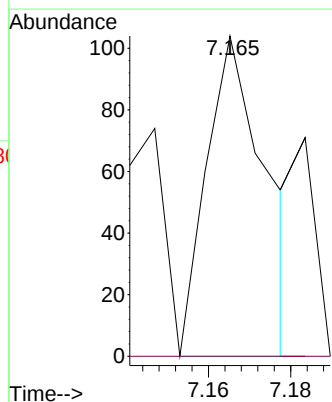
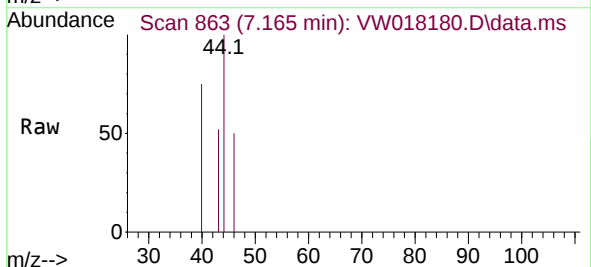
Instrument :
MSVOA_W
ClientSampled :

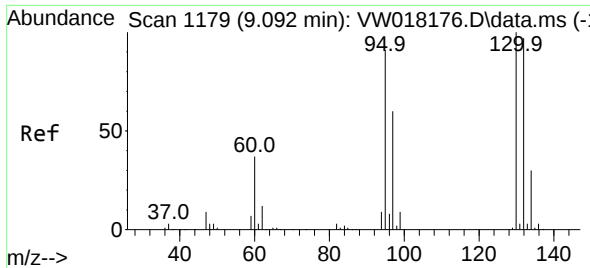
Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
58 0.0 0.0 68.4



#21
2-Butanone
Concen: 0.75 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018180.D
Acq: 17 Feb 2021 12:33

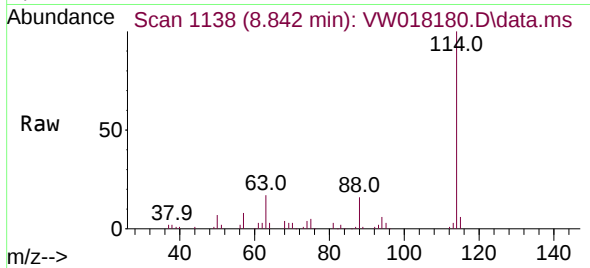
Tgt Ion: 43 Resp: 104
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



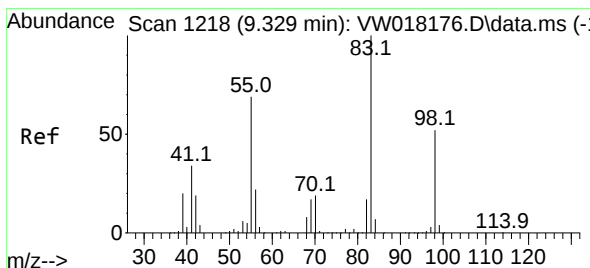
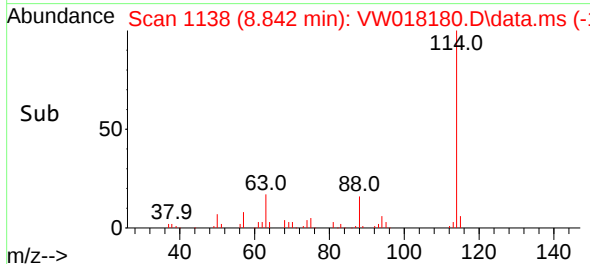
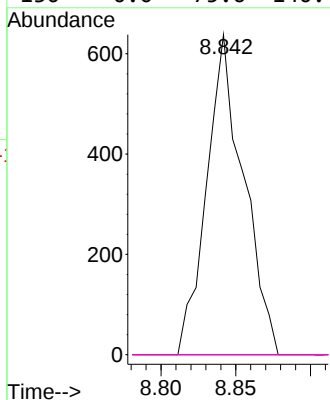


#35
Trichloroethene
Concen: 2.27 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018180.D
Acq: 17 Feb 2021 12:33

Instrument :
MSVOA_W
ClientSampleId :

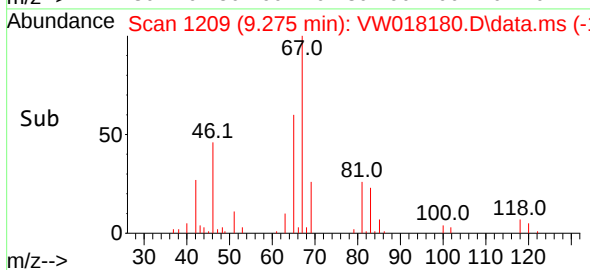
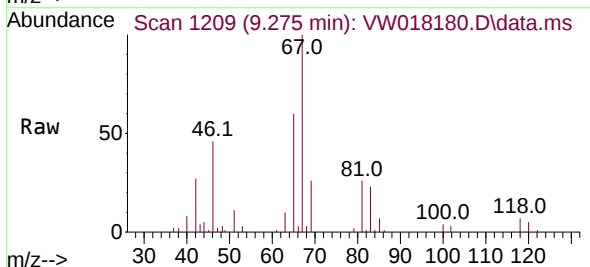
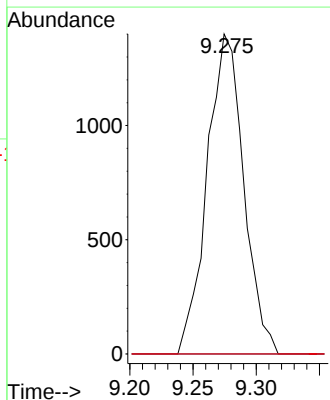


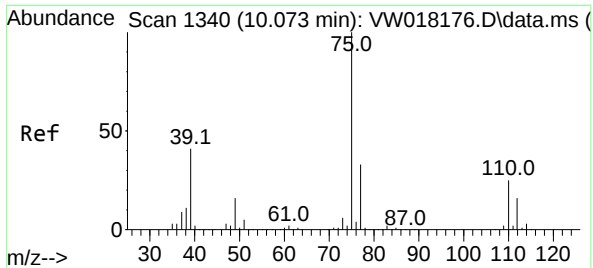
Tgt Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#



#36
Methylcyclohexane
Concen: 3.47 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.055 min
Lab File: VW018180.D
Acq: 17 Feb 2021 12:33

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	0.0	40.7	61.1#

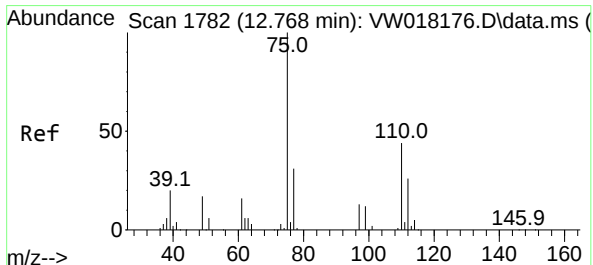
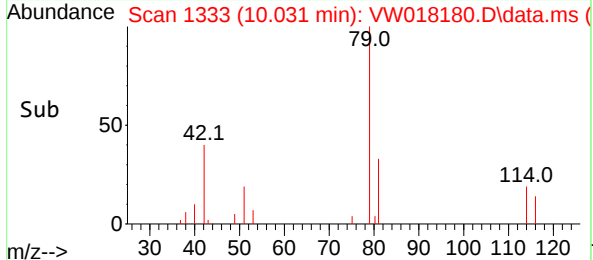
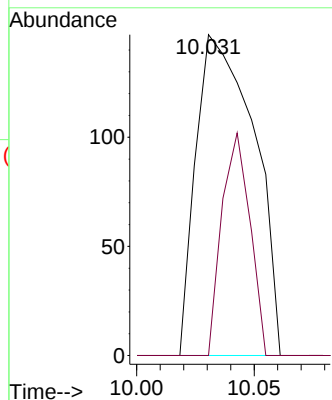
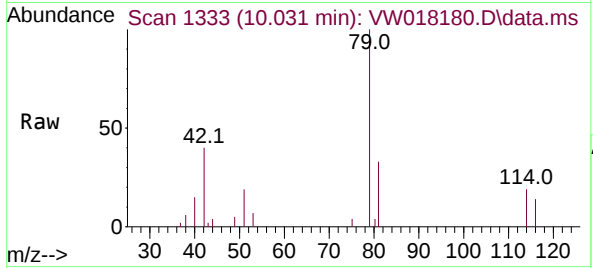




#42
cis-1,3-Dichloropropene
Concen: 0.40 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018180.D
Acq: 17 Feb 2021 12:33

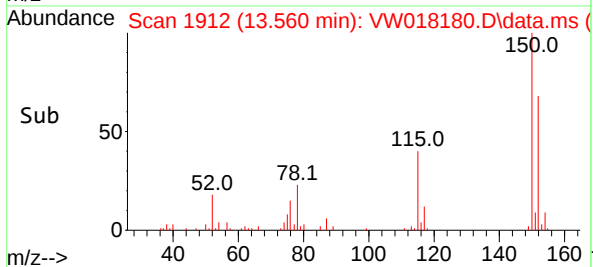
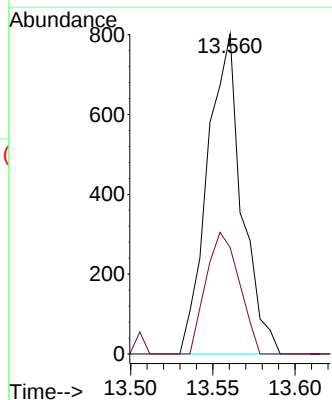
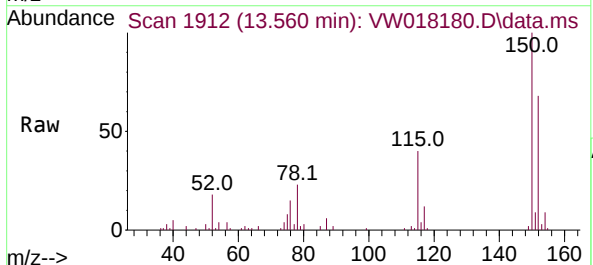
Instrument :
MSVOA_W
ClientSampled :

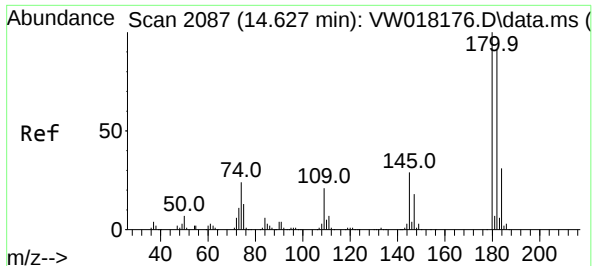
Tgt Ion: 75 Resp: 252
Ion Ratio Lower Upper
75 100
77 0.0 22.7 42.3#



#59
1,2,3-Trichloropropane
Concen: 3.88 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.793 min
Lab File: VW018180.D
Acq: 17 Feb 2021 12:33

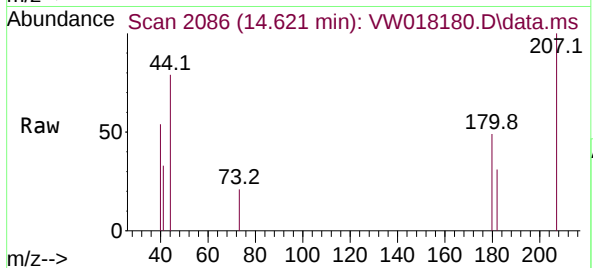
Tgt Ion: 75 Resp: 1167
Ion Ratio Lower Upper
75 100
77 36.8 26.6 39.8



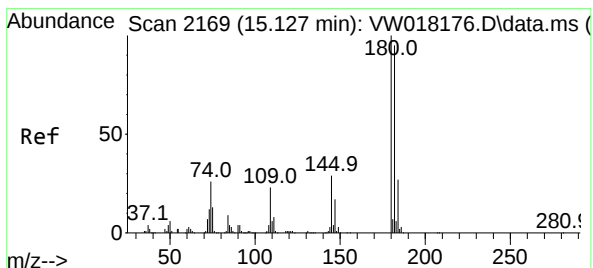
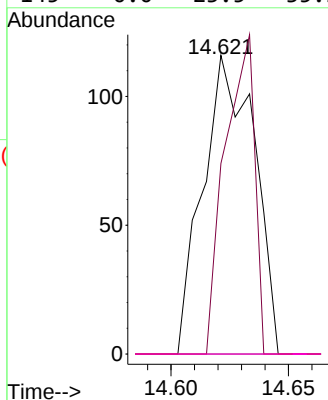
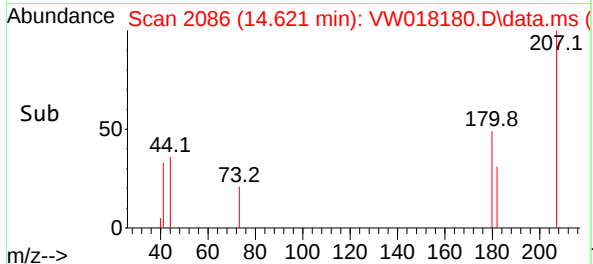


#67
1,3,5-Trichlorobenzene
Concen: 0.34 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW018180.D
Acq: 17 Feb 2021 12:33

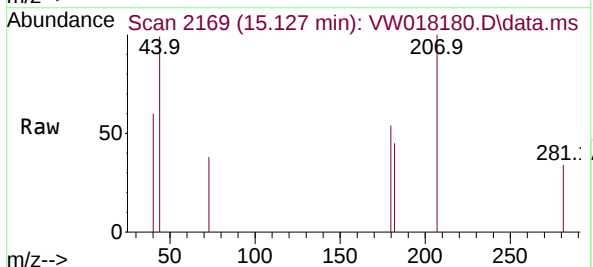
Instrument :
MSVOA_W
ClientSampleId :



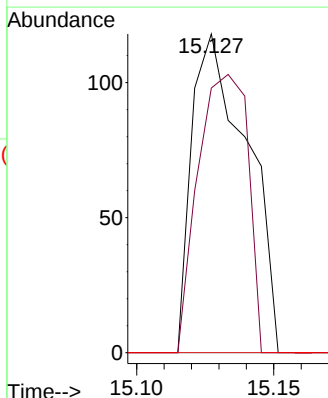
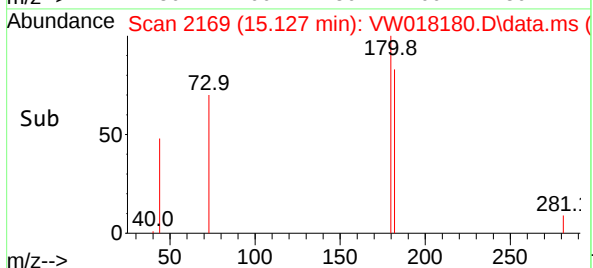
Tgt Ion:	180	Resp:	177
Ion	Ratio	Lower	Upper
180	100		
182	61.0	77.0	115.6#
184	0.0	24.2	36.4#
145	0.0	23.5	35.3#

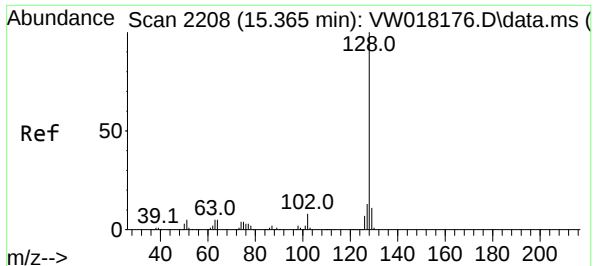


#68
1,2,4-trichlorobenzene
Concen: 0.37 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW018180.D
Acq: 17 Feb 2021 12:33



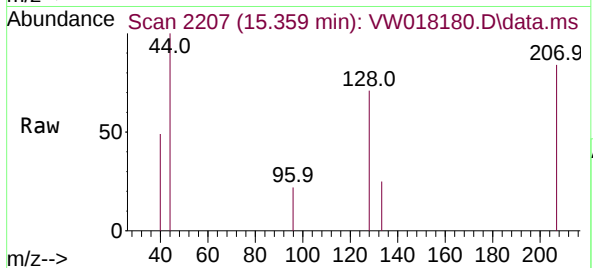
Tgt Ion:	180	Resp:	165
Ion	Ratio	Lower	Upper
180	100		
182	78.8	71.3	106.9
145	0.0	24.0	36.0#



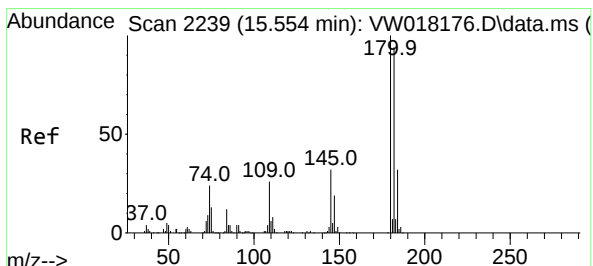
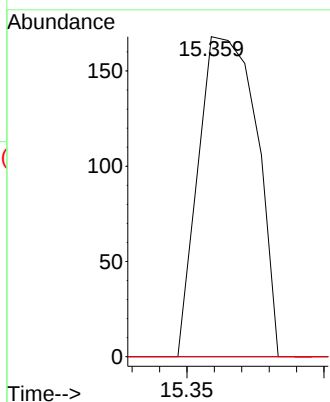
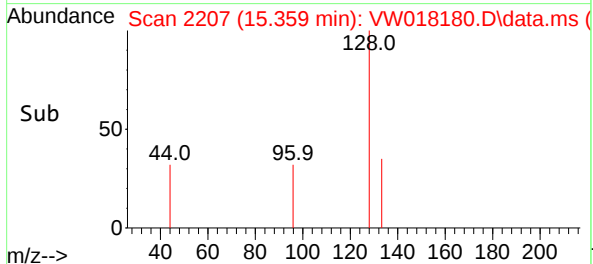


#69
Naphthalene
Concen: 0.29 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW018180.D
Acq: 17 Feb 2021 12:33

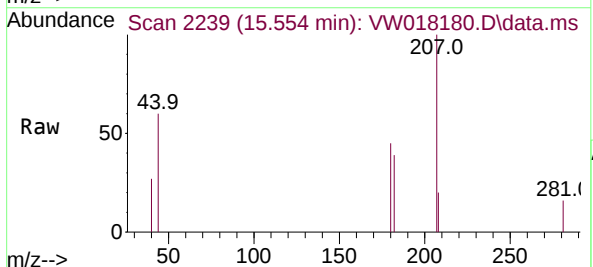
Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:128 Resp: 248
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.7 16.1#



#70
1,2,3-Trichlorobenzene
Concen: 0.36 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018180.D
Acq: 17 Feb 2021 12:33



Tgt Ion:180 Resp: 143
Ion Ratio Lower Upper
180 100
182 109.1 74.7 112.1
145 0.0 25.4 38.0#

