

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018110.D
 Acq On : 12 Feb 2021 15:11
 Operator : SY/VA
 Sample : M1371-18
 Misc : 4.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH32

Quant Time: Feb 12 22:46:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 22:41:34 2021
 Response via : Initial Calibration

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

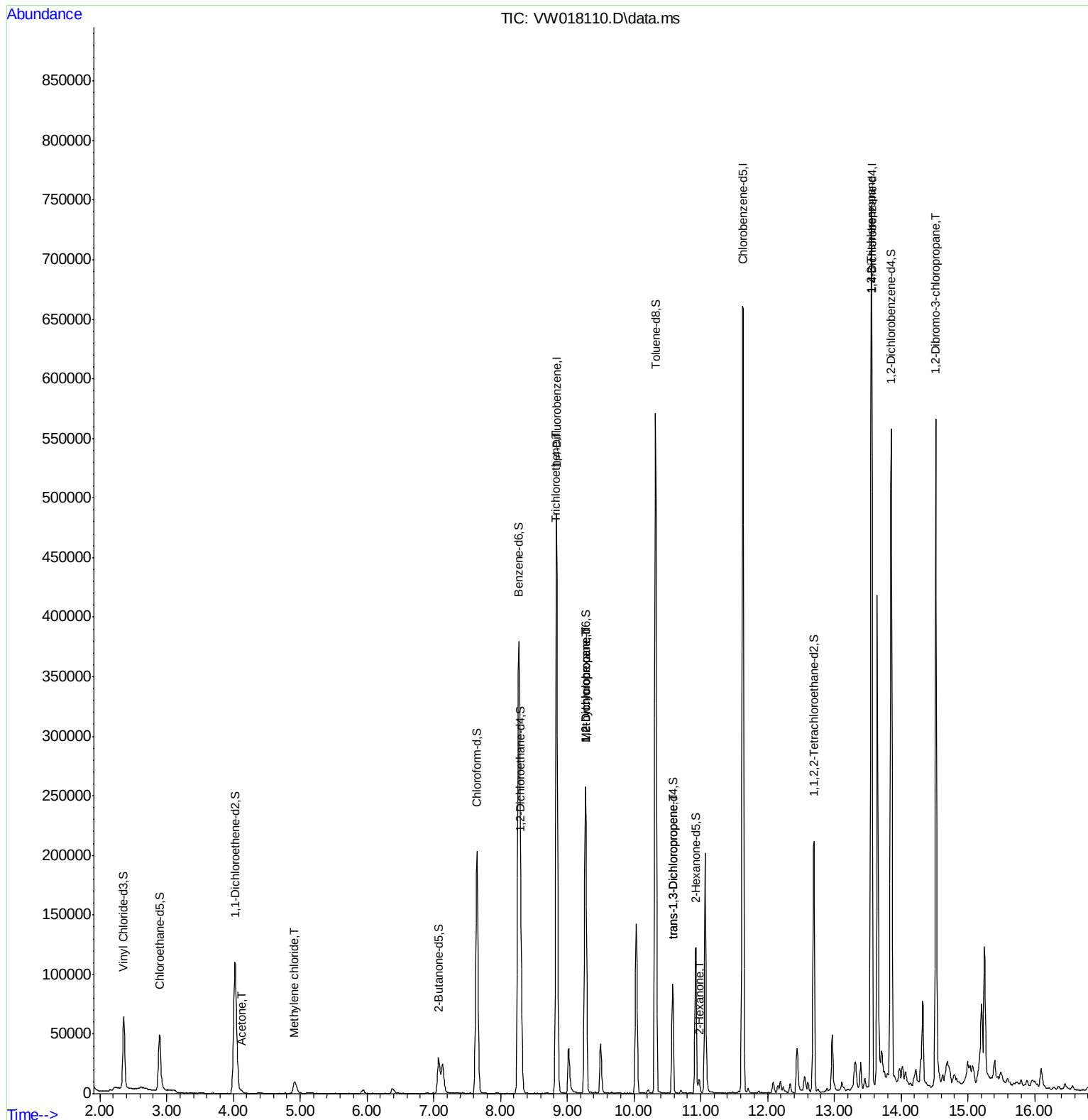
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	431542	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	401837	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	208619	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	74951	13.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.88%		
7) Chloroethane-d5	2.891	69	67249	15.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.20%		
10) 1,1-Dichloroethene-d2	4.019	63	123196	11.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	45.96%		
20) 2-Butanone-d5	7.074	46	51867	36.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.48%		
24) Chloroform-d	7.647	84	214482	18.94	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.76%		
26) 1,2-Dichloroethane-d4	8.305	65	113642	18.84	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.36%		
29) Benzene-d6	8.275	84	416528	18.88	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	75.52%		
33) 1,2-Dichloropropane-d6	9.274	67	121036	19.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	78.44%		
37) Toluene-d8	10.323	98	385877	18.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	73.52%		
38) trans-1,3-Dichloroprop...	10.579	79	52019	18.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	74.40%		
39) 2-Hexanone-d5	10.926	63	44564	37.77	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.54%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	105038	19.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	77.52%		
61) 1,2-Dichlorobenzene-d4	13.853	152	152898	20.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.20%		
Target Compounds						
13) Acetone	4.123	43	3257	3.08	ug/L	95
16) Methylene chloride	4.909	84	9667	1.40	ug/L	85
35) Trichloroethene	8.835	95	12427	1.88	ug/L #	3
36) Methylcyclohexane	9.274	83	32037	2.88	ug/L #	19
40) 1,2-Dichloropropane	9.274	63	13700	2.54	ug/L #	84
45) trans-1,3-Dichloropropene	10.579	75	2299	0.30	ug/L	97
49) 2-Hexanone	10.975	43	1863	0.80	ug/L #	1
59) 1,2,3-Trichloropropane	13.554	75	21045	5.10	ug/L	100
66) 1,2-Dibromo-3-chloropr...	14.523	75	3305	3.64	ug/L #	1

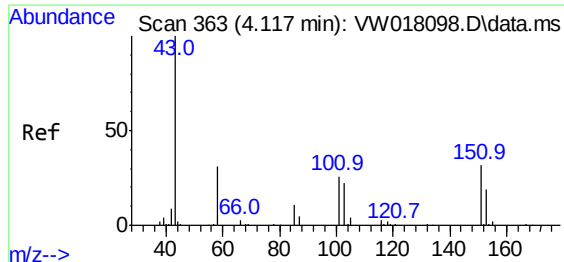
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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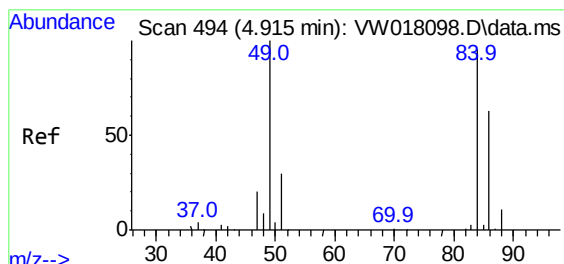
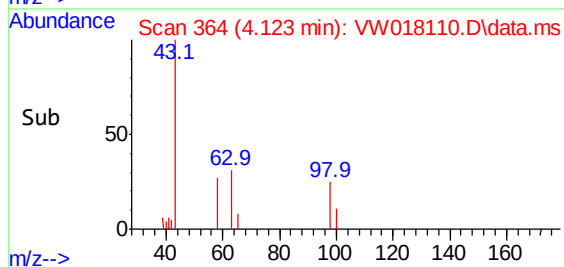
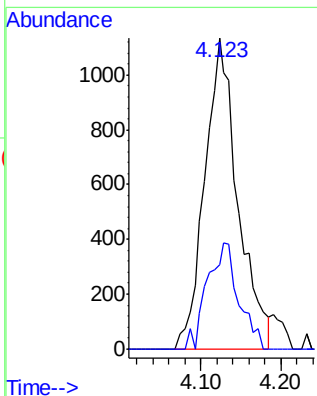
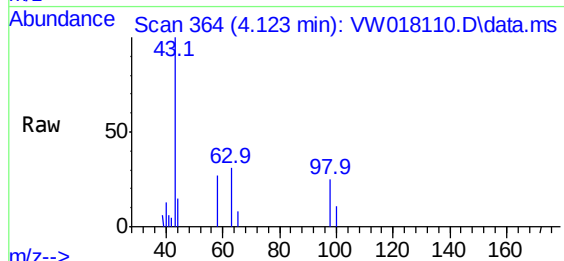




#13
Acetone
Concen: 3.08 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018110.D
Acq: 12 Feb 2021 15:11

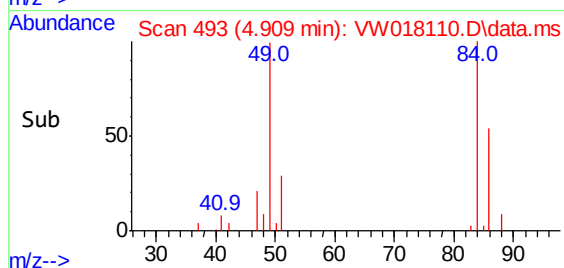
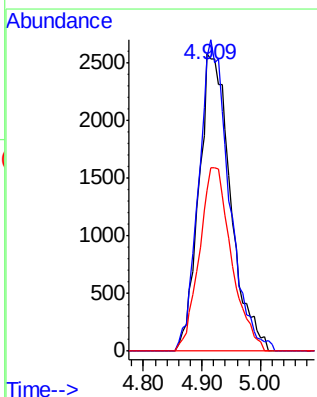
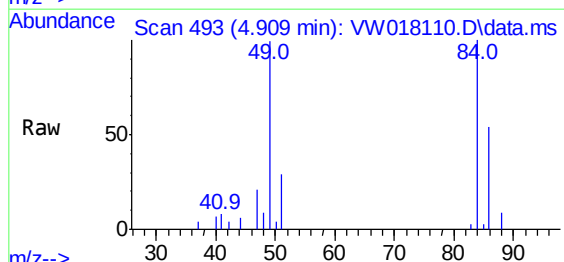
Instrument :
MSVOA_W
ClientSampled :
DBH32

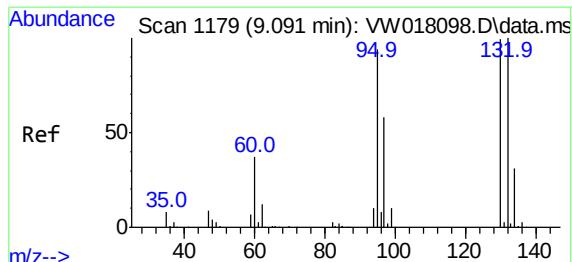
Tgt Ion: 43 Resp: 3257
Ion Ratio Lower Upper
43 100
58 31.2 0.0 68.4



#16
Methylene chloride
Concen: 1.40 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018110.D
Acq: 12 Feb 2021 15:11

Tgt Ion: 84 Resp: 9667
Ion Ratio Lower Upper
84 100
49 98.6 81.2 150.8
86 54.0 44.5 82.7



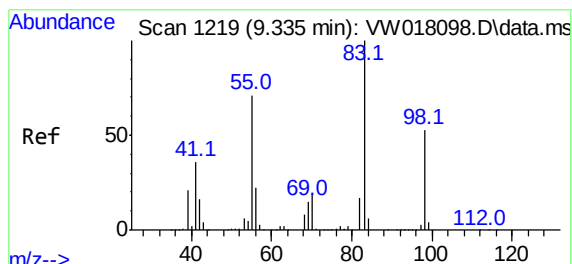
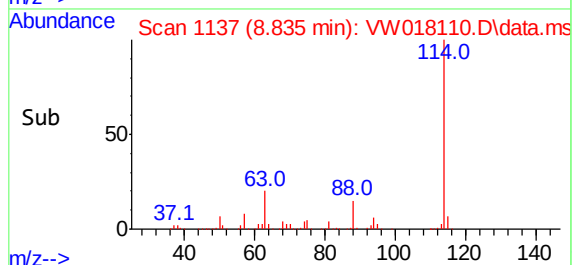
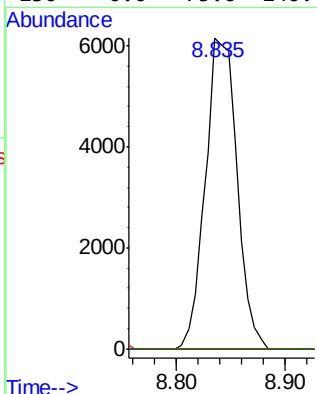
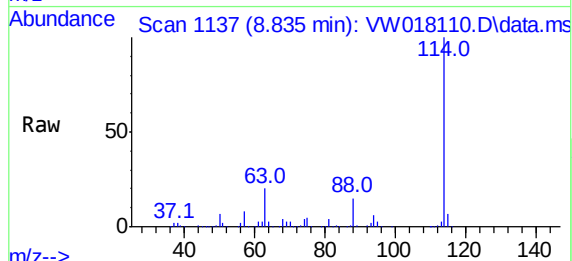


#35
Trichloroethene
Concen: 1.88 ug/L
RT: 8.835 min Scan# 1137
Delta R.T. -0.256 min
Lab File: VW018110.D
Acq: 12 Feb 2021 15:11

Instrument :
MSVOA_W
ClientSampleId :
DBH32

Tgt Ion: 95 Resp: 12427

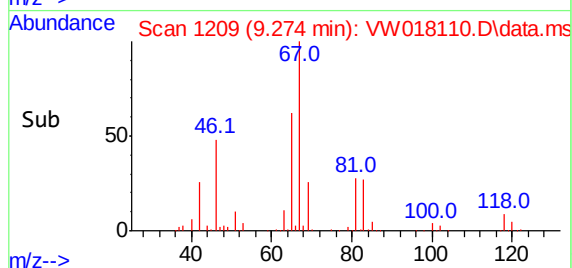
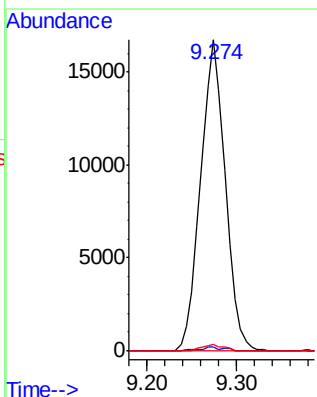
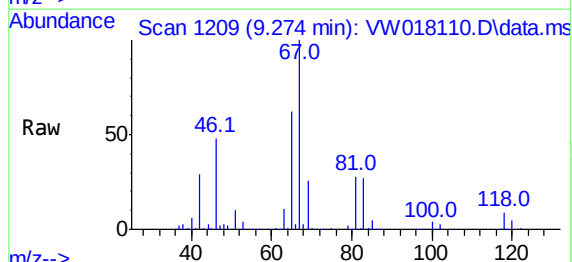
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#

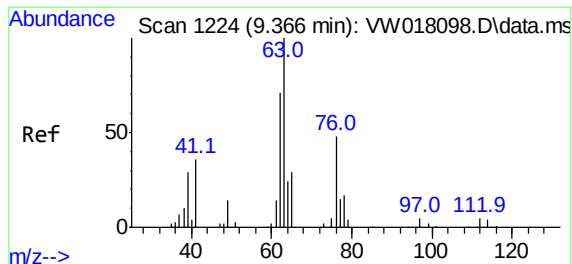


#36
Methylcyclohexane
Concen: 2.88 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018110.D
Acq: 12 Feb 2021 15:11

Tgt Ion: 83 Resp: 32037

Ion	Ratio	Lower	Upper
83	100		
55	0.5	59.4	89.0#
98	1.5	40.7	61.1#

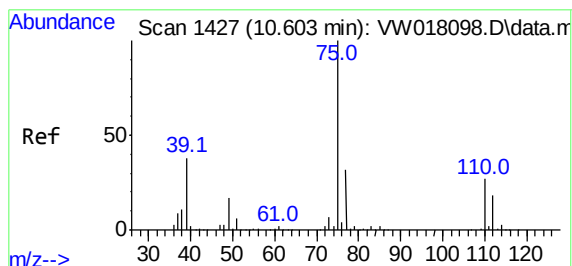
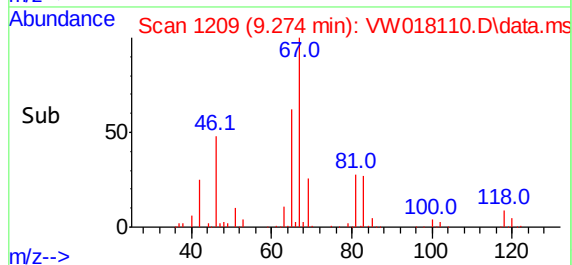
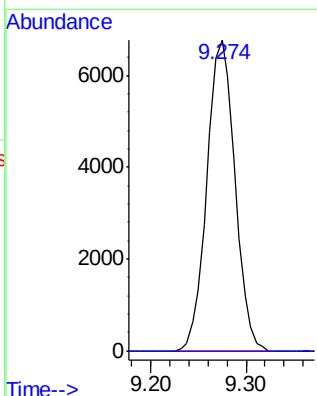
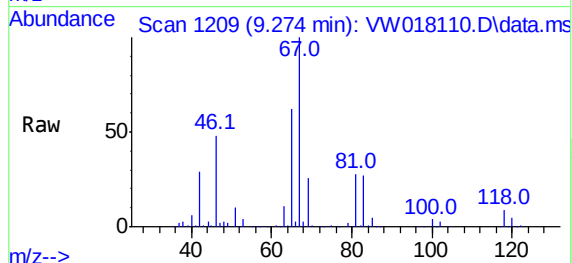




#40
1,2-Dichloropropane
Concen: 2.54 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018110.D
Acq: 12 Feb 2021 15:11

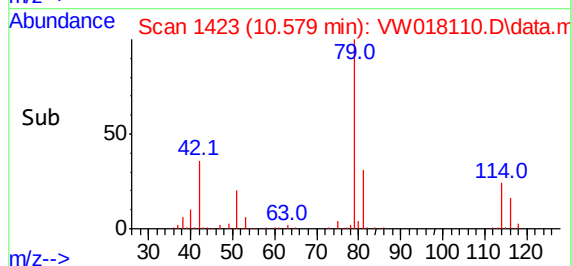
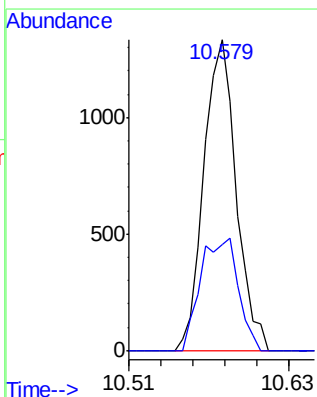
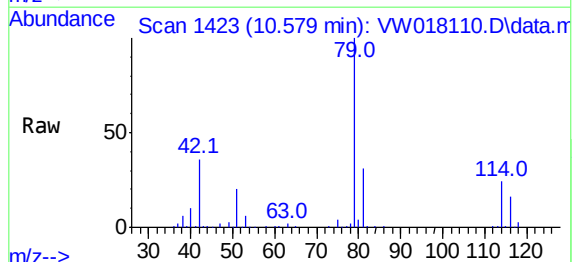
Instrument :
MSVOA_W
ClientSampled :
DBH32

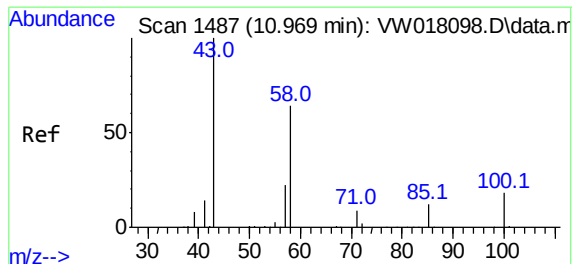
Tgt Ion: 63 Resp: 13700
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#45
trans-1,3-Dichloropropene
Concen: 0.30 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018110.D
Acq: 12 Feb 2021 15:11

Tgt Ion: 75 Resp: 2299
Ion Ratio Lower Upper
75 100
77 34.0 22.6 42.0



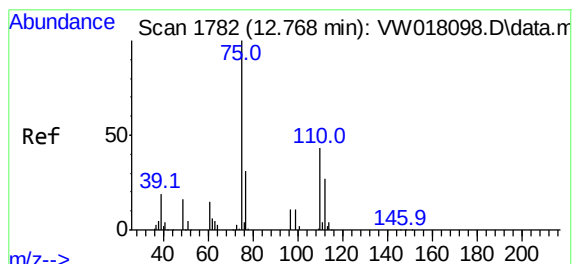
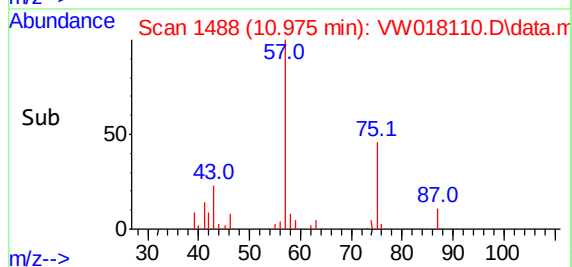
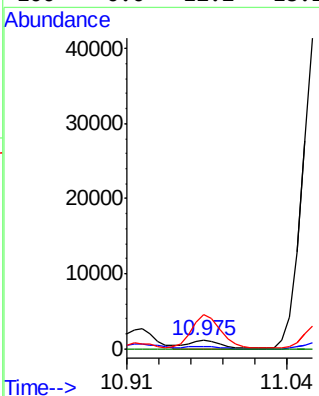
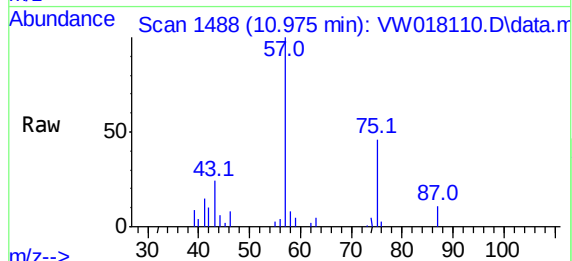


#49
2-Hexanone
Concen: 0.80 ug/L
RT: 10.975 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VW018110.D
Acq: 12 Feb 2021 15:11

Instrument :
MSVOA_W
ClientSampled :
DBH32

Tgt Ion: 43 Resp: 1863

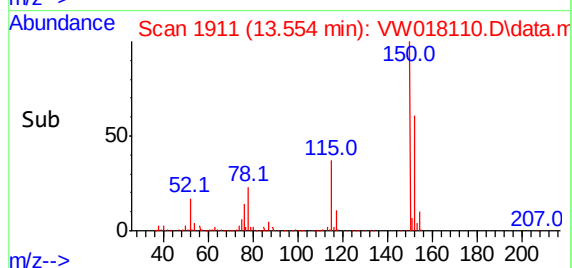
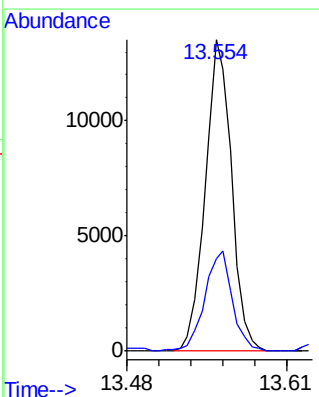
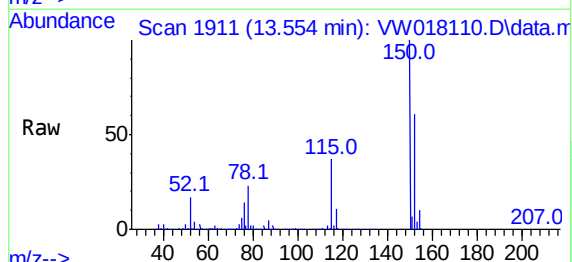
Ion	Ratio	Lower	Upper
43	100		
58	31.2	51.3	76.9#
57	390.0	15.0	22.6#
100	0.0	12.2	18.2#

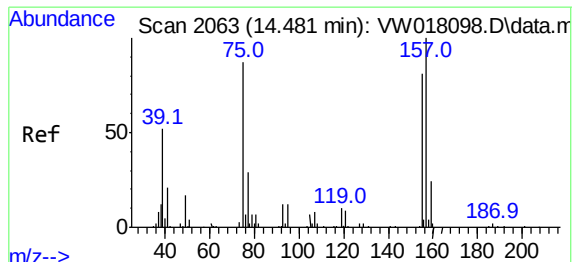


#59
1,2,3-Trichloropropane
Concen: 5.10 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018110.D
Acq: 12 Feb 2021 15:11

Tgt Ion: 75 Resp: 21045

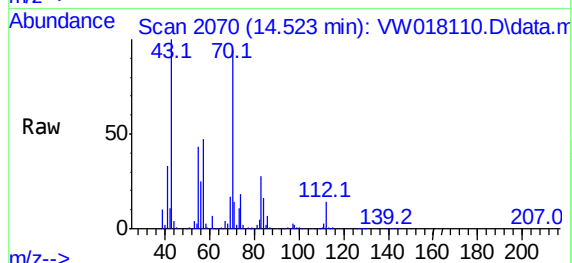
Ion	Ratio	Lower	Upper
75	100		
77	33.4	26.6	39.8





#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.64 ug/L
 RT: 14.523 min Scan# 2070
 Delta R.T. 0.043 min
 Lab File: VW018110.D
 Acq: 12 Feb 2021 15:11

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH32



Tgt Ion: 75 Resp: 3305
 Ion Ratio Lower Upper
 75 100
 157 0.0 99.9 149.9#
 155 0.0 71.4 107.0#

