

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018130.D
 Acq On : 15 Feb 2021 13:04
 Operator : SY/VA
 Sample : M1370-23
 Misc : 6.27G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH00

Quant Time: Feb 16 02:22:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

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

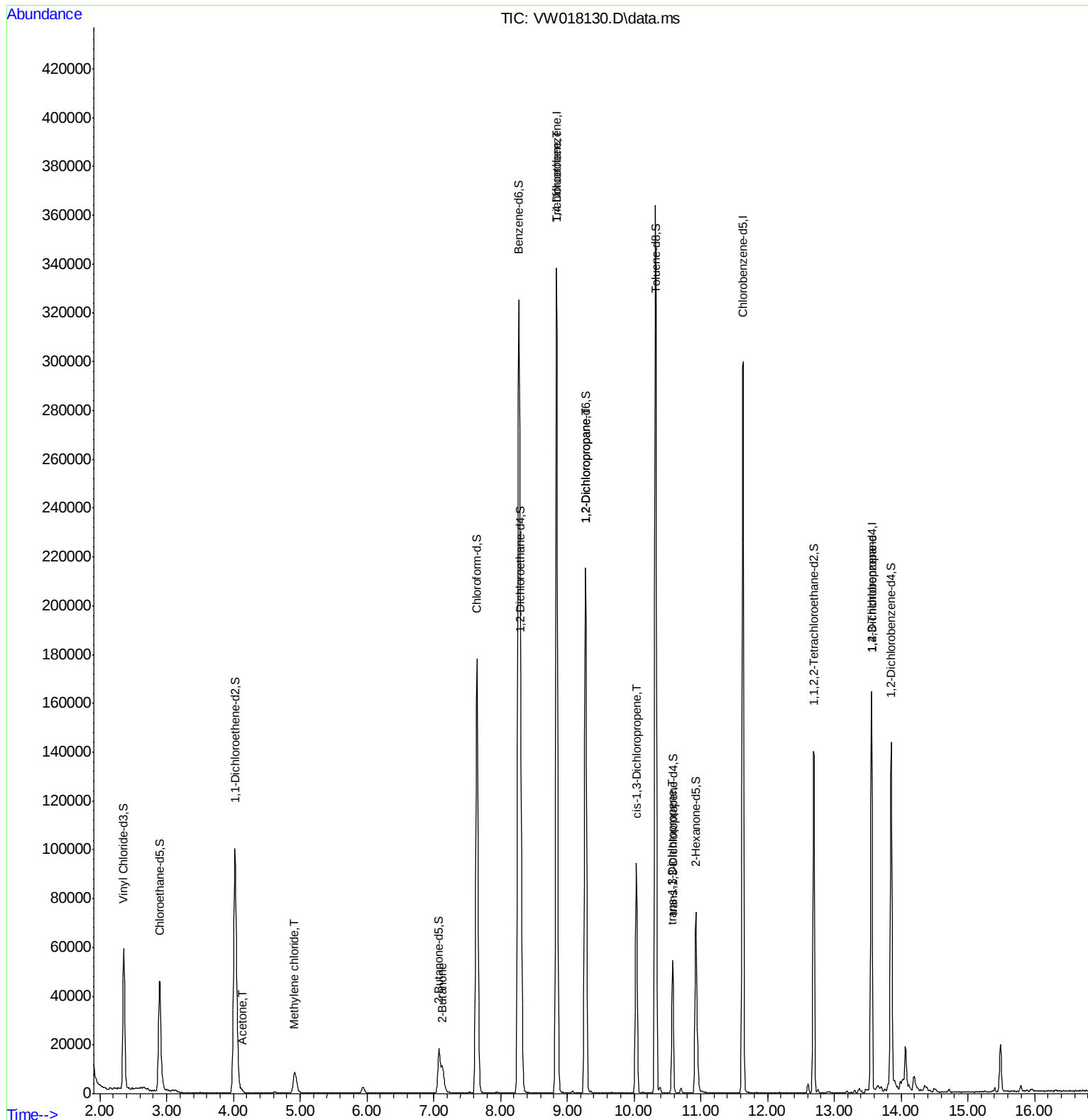
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	303512	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	183111	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	49257	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	70279	18.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.52%		
7) Chloroethane-d5	2.891	69	65371	21.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.36%		
10) 1,1-Dichloroethene-d2	4.025	63	110706	14.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.72%		
20) 2-Butanone-d5	7.080	46	26891	26.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	53.42%		
24) Chloroform-d	7.647	84	189252	23.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.04%		
26) 1,2-Dichloroethane-d4	8.305	65	106487	25.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.40%		
29) Benzene-d6	8.275	84	345288	34.34	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	137.36%#		
33) 1,2-Dichloropropane-d6	9.274	67	102205	36.35	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	145.40%#		
37) Toluene-d8	10.323	98	245210	25.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	102.52%		
38) trans-1,3-Dichloroprop...	10.579	79	32117	25.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	100.80%		
39) 2-Hexanone-d5	10.926	63	23190	43.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.26%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	69072	27.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	111.84%		
61) 1,2-Dichlorobenzene-d4	13.853	152	39990	22.76	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.04%		
Target Compounds						
13) Acetone	4.129	43	1824	2.45	ug/L	83
16) Methylene chloride	4.909	84	4989	1.03	ug/L	82
21) 2-Butanone	7.134	43	12338	10.88	ug/L #	46
35) Trichloroethene	8.841	95	9129	3.03	ug/L #	3
40) 1,2-Dichloropropane	9.274	63	11810	4.81	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	2355	0.60	ug/L #	61
45) trans-1,3-Dichloropropene	10.573	75	1342	0.39	ug/L #	63
59) 1,2,3-Trichloropropane	13.560	75	4793	2.55	ug/L	99

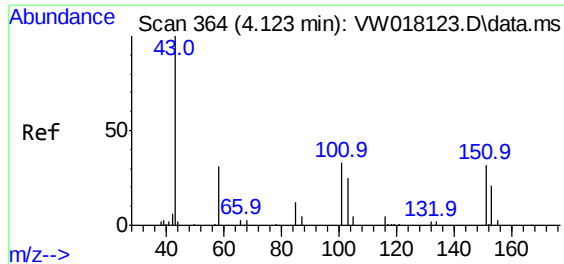
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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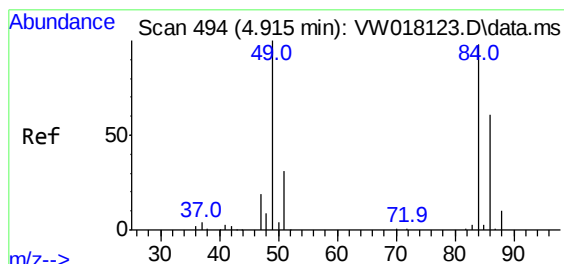
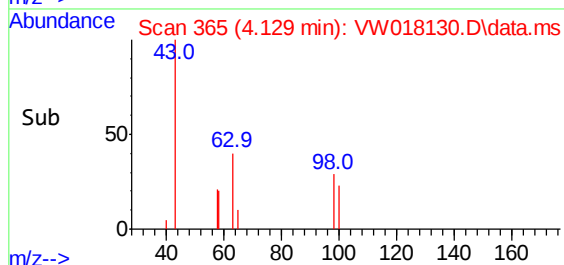
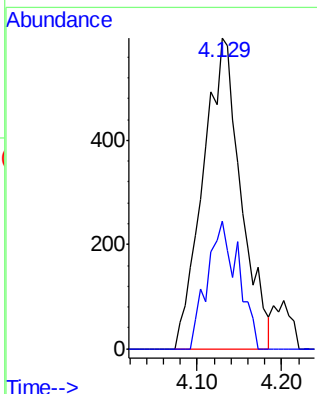
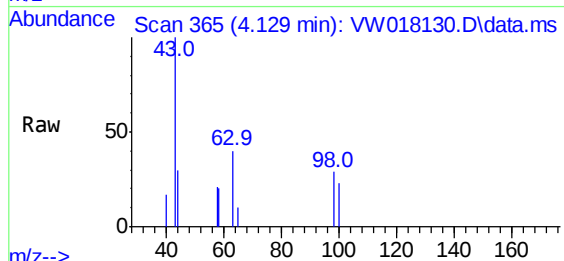




#13
Acetone
Concen: 2.45 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018130.D
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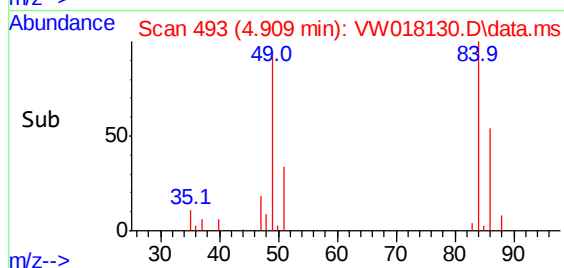
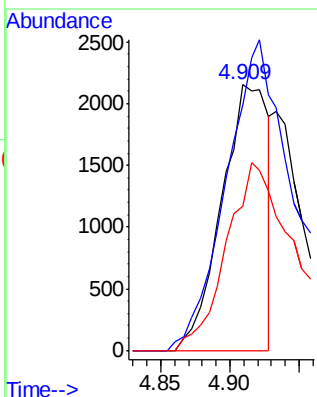
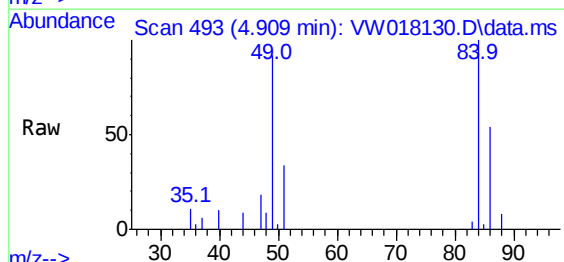
Instrument :
MSVOA_W
ClientSampled :
DBH00

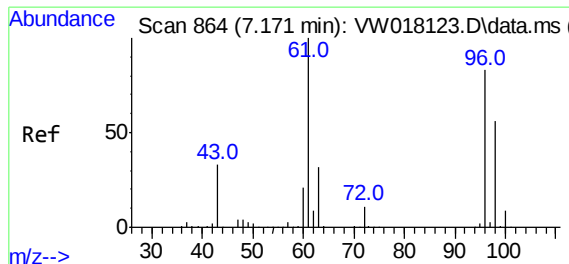
Tgt Ion: 43 Resp: 1824
Ion Ratio Lower Upper
43 100
58 24.5 0.0 68.4



#16
Methylene chloride
Concen: 1.03 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018130.D
Acq: 15 Feb 2021 13:04

Tgt Ion: 84 Resp: 4989
Ion Ratio Lower Upper
84 100
49 92.3 81.2 150.8
86 54.2 44.5 82.7

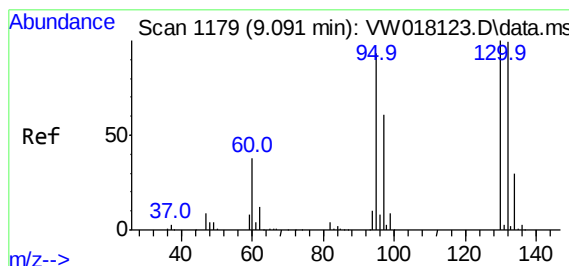
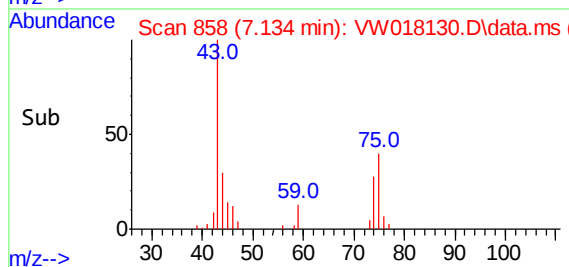
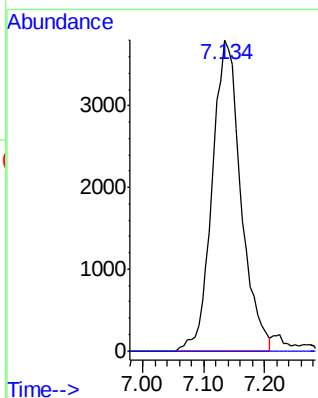
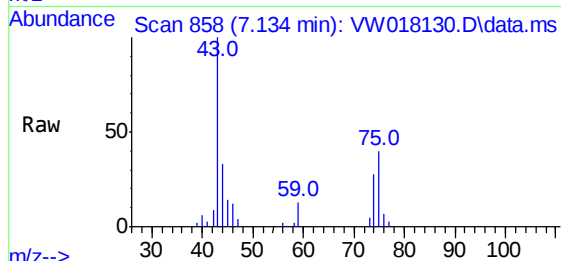




#21
2-Butanone
Concen: 10.88 ug/L
RT: 7.134 min Scan# 858
Delta R.T. -0.037 min
Lab File: VW018130.D
Acq: 15 Feb 2021 13:04

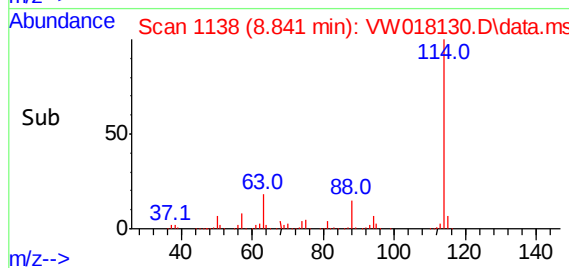
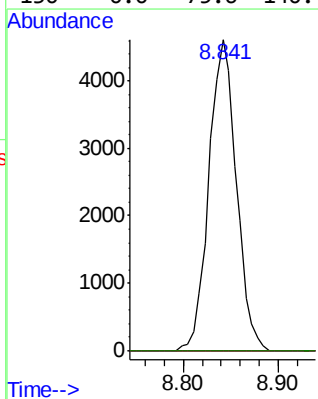
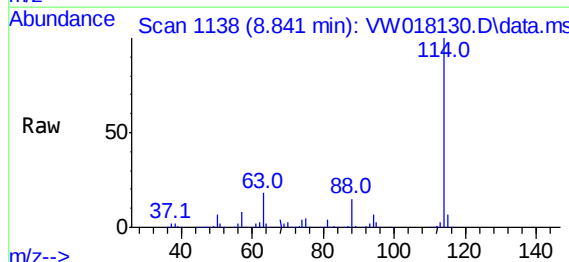
Instrument :
MSVOA_W
ClientSampled :
DBH00

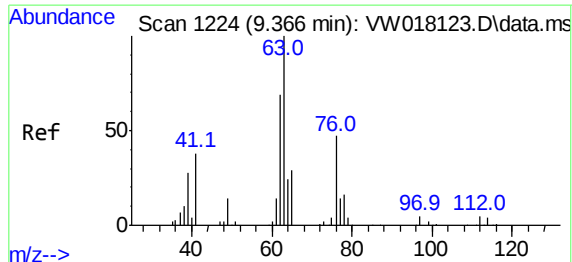
Tgt Ion: 43 Resp: 12338
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#35
Trichloroethene
Concen: 3.03 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018130.D
Acq: 15 Feb 2021 13:04

Tgt Ion: 95 Resp: 9129
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#

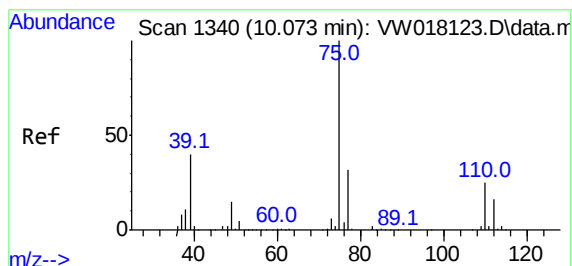
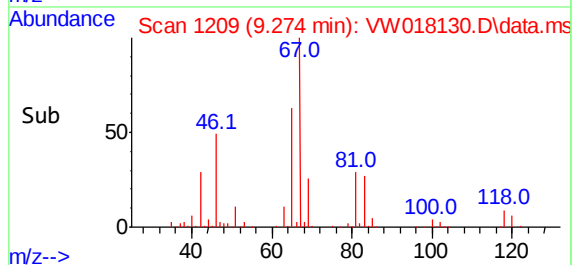
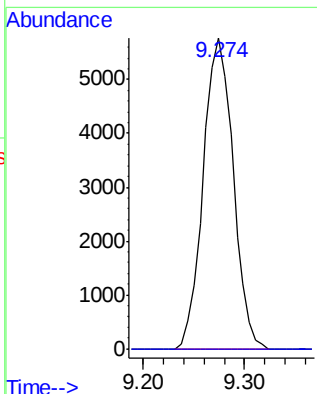
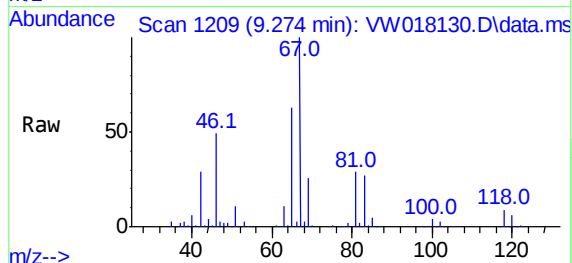




#40
1,2-Dichloropropane
Concen: 4.81 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018130.D
Acq: 15 Feb 2021 13:04

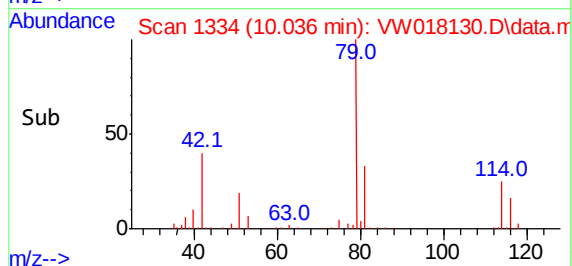
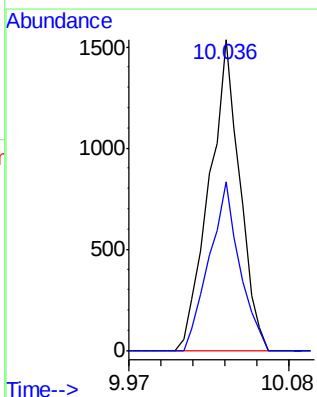
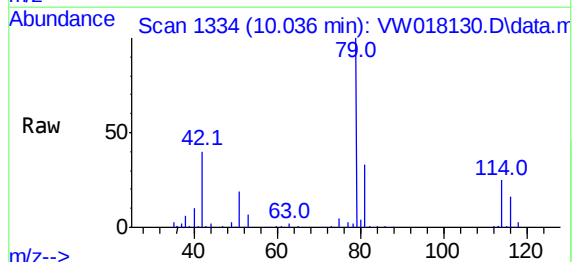
Instrument :
MSVOA_W
ClientSampled :
DBH00

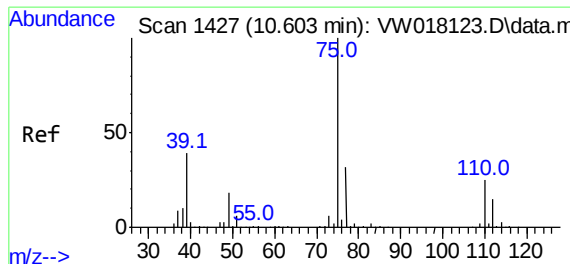
Tgt Ion: 63 Resp: 11810
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.60 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018130.D
Acq: 15 Feb 2021 13:04

Tgt Ion: 75 Resp: 2355
Ion Ratio Lower Upper
75 100
77 54.2 22.7 42.3#

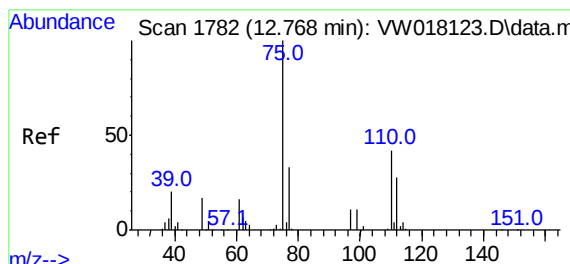
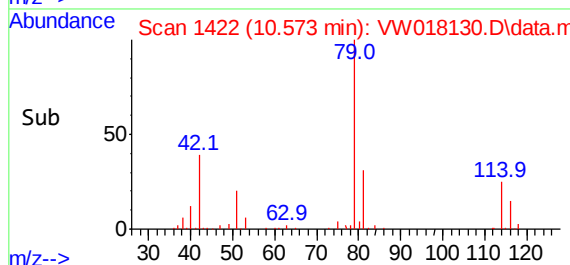
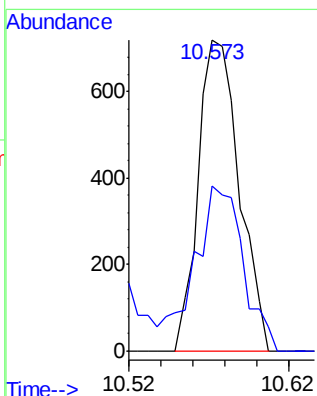
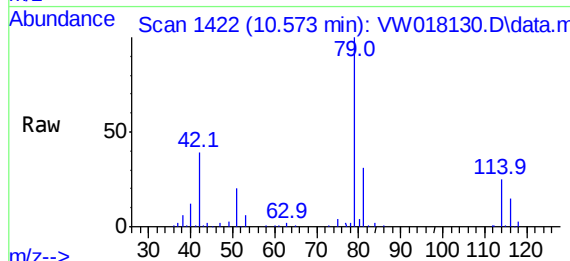




#45
trans-1,3-Dichloropropene
Concen: 0.39 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018130.D
Acq: 15 Feb 2021 13:04

Instrument :
MSVOA_W
ClientSampleID :
DBH00

Tgt Ion: 75 Resp: 1342
Ion Ratio Lower Upper
75 100
77 53.1 22.6 42.0#



#59
1,2,3-Trichloropropane
Concen: 2.55 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.793 min
Lab File: VW018130.D
Acq: 15 Feb 2021 13:04

Tgt Ion: 75 Resp: 4793
Ion Ratio Lower Upper
75 100
77 34.0 26.6 39.8

