

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018118.D
 Acq On : 12 Feb 2021 18:23
 Operator : SY/VA
 Sample : M1370-19
 Misc : 4.63G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ7

Quant Time: Feb 12 22:48:18 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)

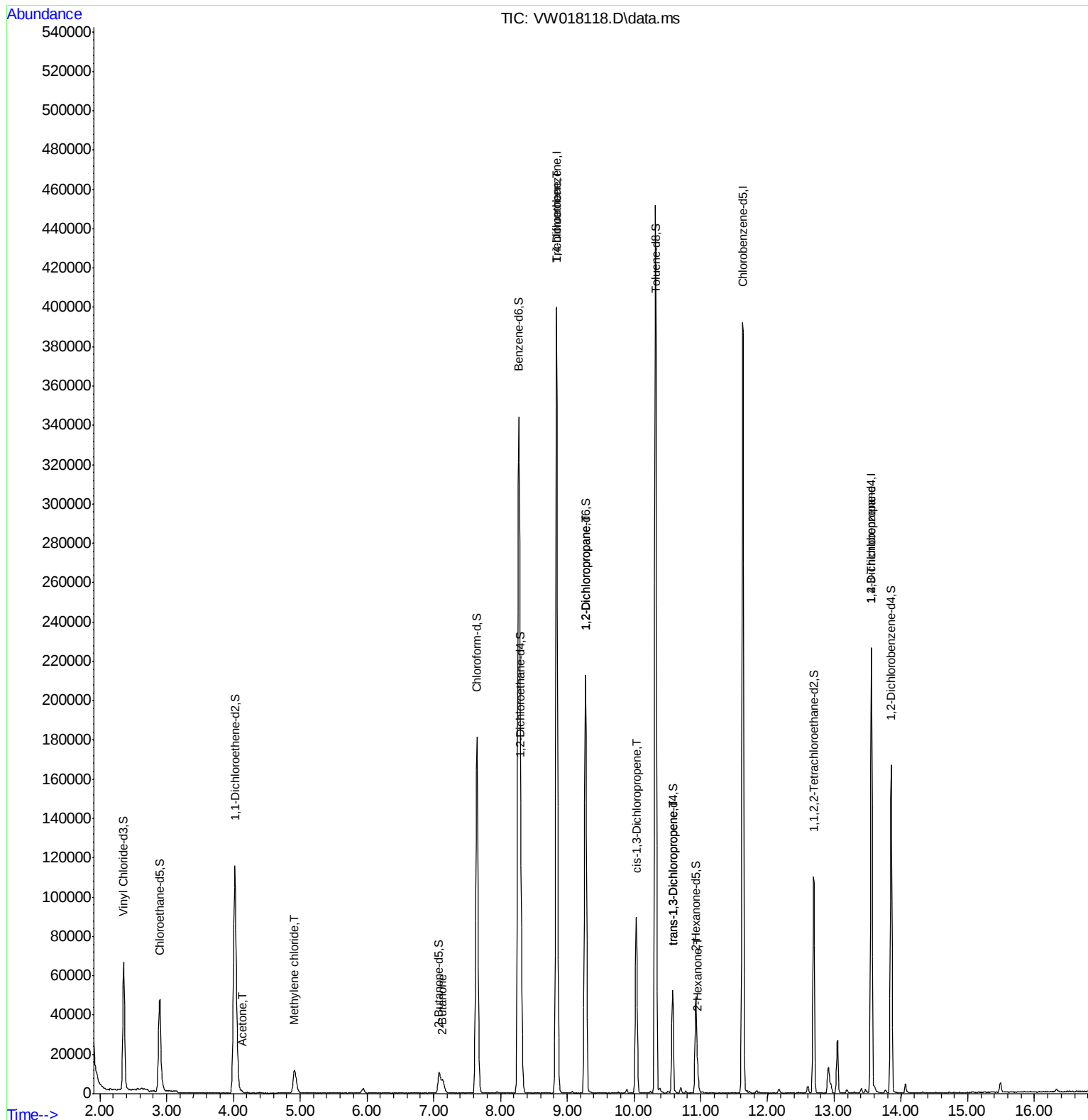
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	355942	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	236934	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	63140	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	75604	17.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.36%		
7) Chloroethane-d5	2.892	69	67737	19.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.16%		
10) 1,1-Dichloroethene-d2	4.019	63	125038	14.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.56%		
20) 2-Butanone-d5	7.080	46	16904	14.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	28.64%		
24) Chloroform-d	7.647	84	190868	20.43	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.72%		
26) 1,2-Dichloroethane-d4	8.305	65	91710	18.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	73.72%		
29) Benzene-d6	8.275	84	369348	28.39	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	113.56%		
33) 1,2-Dichloropropane-d6	9.275	67	100795	27.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	110.80%		
37) Toluene-d8	10.323	98	301000	24.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.28%		
38) trans-1,3-Dichloroprop...	10.579	79	30847	18.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	74.80%		
39) 2-Hexanone-d5	10.927	63	15810	22.73	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	45.46%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	52799	16.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	66.08%		
61) 1,2-Dichlorobenzene-d4	13.853	152	45148	20.04	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	80.16%		
Target Compounds						
13) Acetone	4.129	43	1516	1.74	ug/L	55
16) Methylene chloride	4.916	84	10986	1.93	ug/L	87
21) 2-Butanone	7.135	43	6062	4.56	ug/L #	46
35) Trichloroethene	8.842	95	10751	2.76	ug/L #	3
40) 1,2-Dichloropropane	9.275	63	11223	3.53	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	2276	0.44	ug/L #	66
45) trans-1,3-Dichloropropene	10.579	75	1385	0.31	ug/L #	72
49) 2-Hexanone	10.951	43	7978	5.81	ug/L #	34
59) 1,2,3-Trichloropropane	13.554	75	6674	2.75	ug/L	100

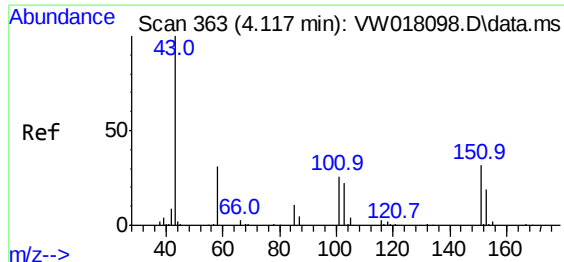
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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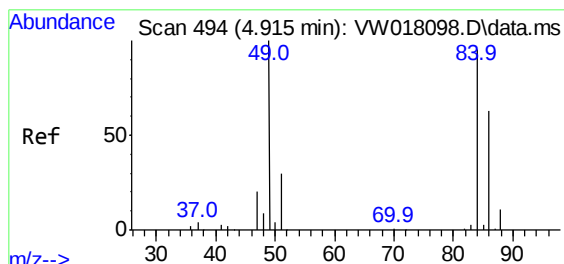
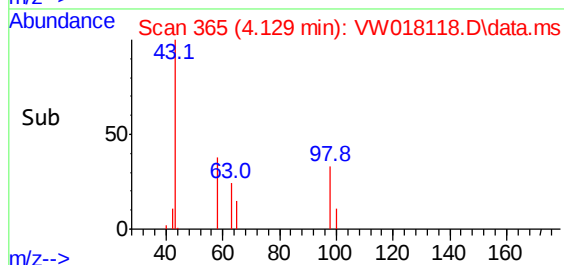
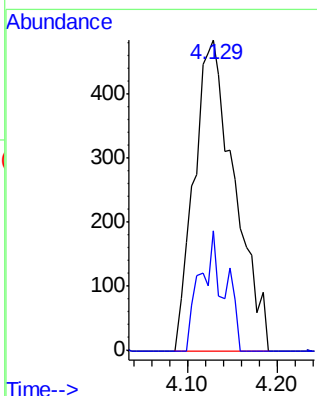
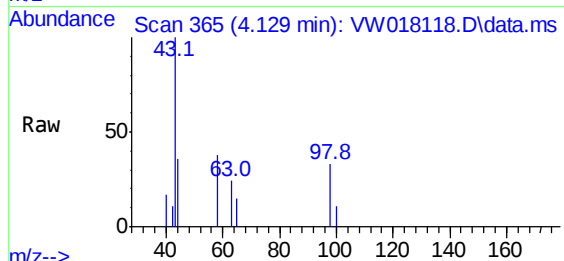




#13
Acetone
Concen: 1.74 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018118.D
Acq: 12 Feb 2021 18:23

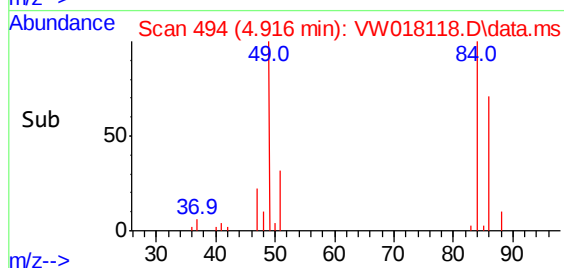
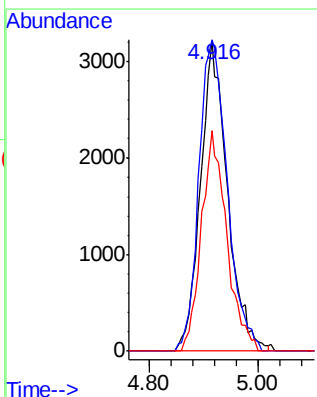
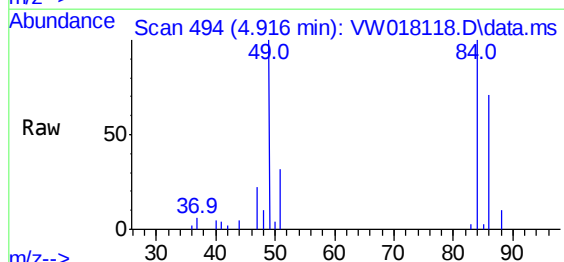
Instrument :
MSVOA_W
ClientSampled :
DBGZ7

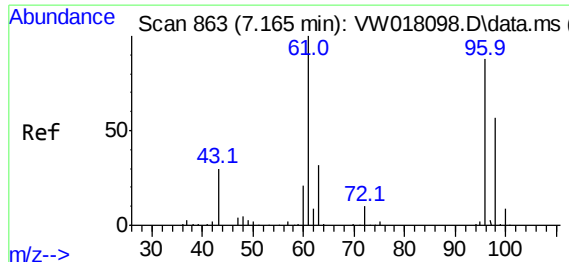
Tgt Ion: 43 Resp: 1516
Ion Ratio Lower Upper
43 100
58 8.4 0.0 68.4



#16
Methylene chloride
Concen: 1.93 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018118.D
Acq: 12 Feb 2021 18:23

Tgt Ion: 84 Resp: 10986
Ion Ratio Lower Upper
84 100
49 100.2 81.2 150.8
86 70.9 44.5 82.7

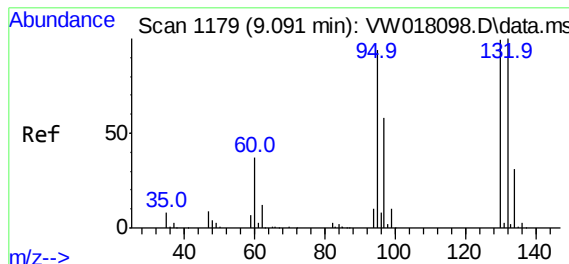
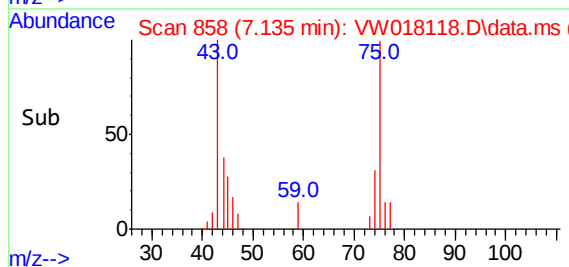
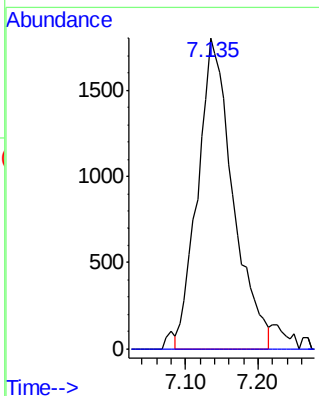
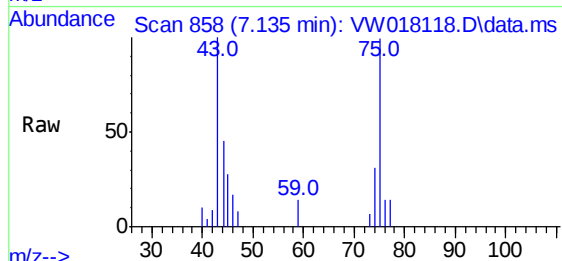




#21
2-Butanone
Concen: 4.56 ug/L
RT: 7.135 min Scan# 858
Delta R.T. -0.030 min
Lab File: VW018118.D
Acq: 12 Feb 2021 18:23

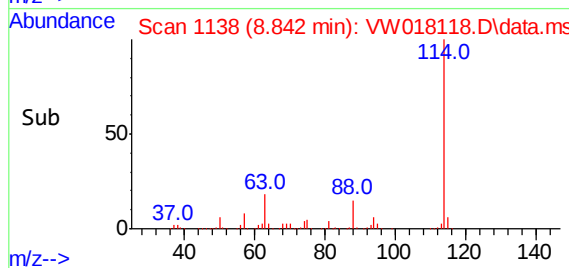
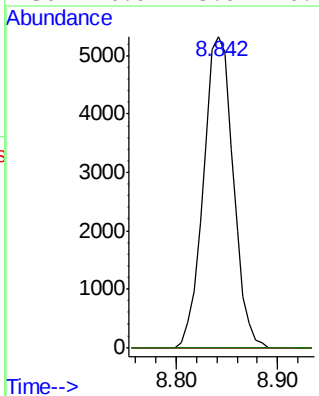
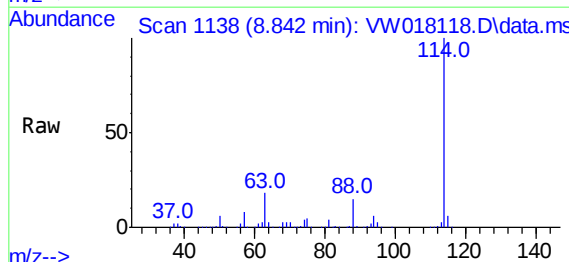
Instrument :
MSVOA_W
ClientSampleId :
DBGZ7

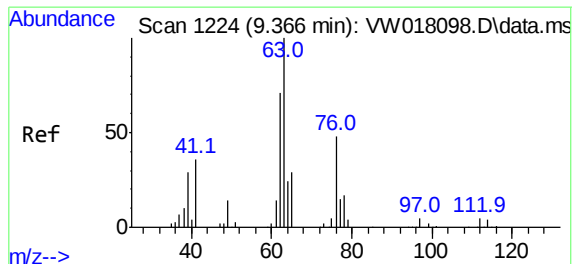
Tgt Ion: 43 Resp: 6062
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#35
Trichloroethene
Concen: 2.76 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018118.D
Acq: 12 Feb 2021 18:23

Tgt Ion: 95 Resp: 10751
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#

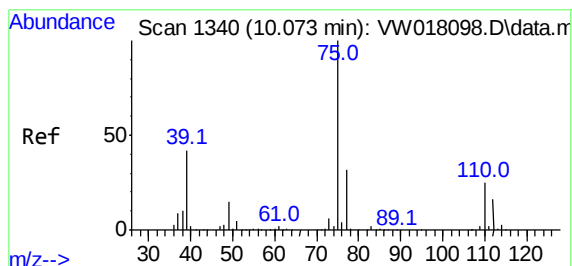
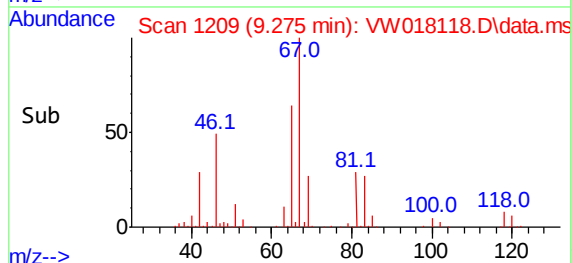
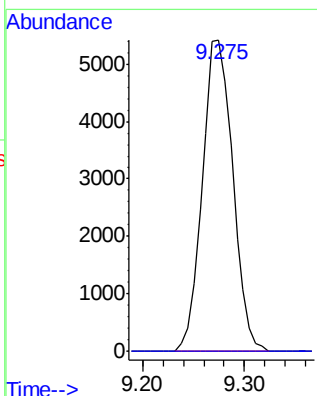
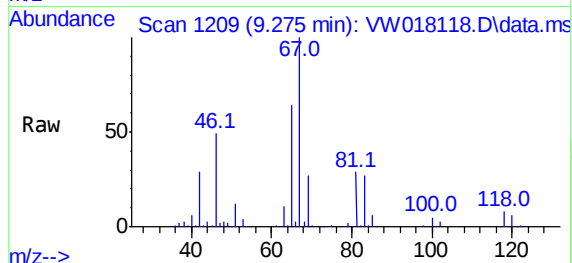




#40
1,2-Dichloropropane
Concen: 3.53 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018118.D
Acq: 12 Feb 2021 18:23

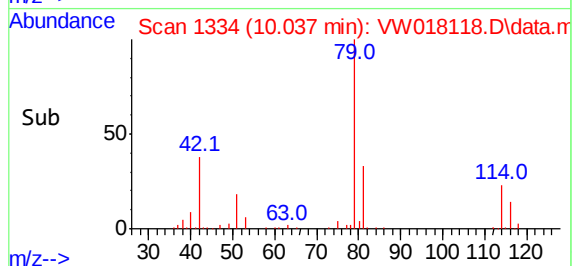
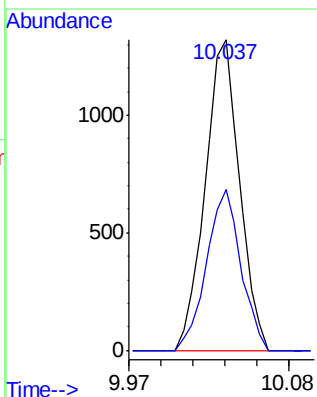
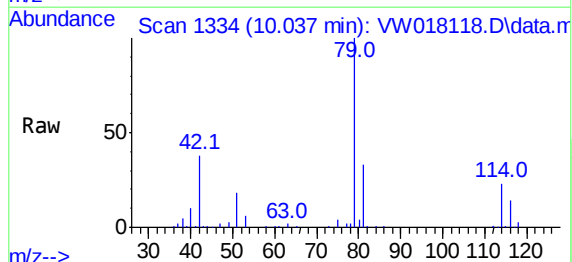
Instrument :
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ClientSampleId :
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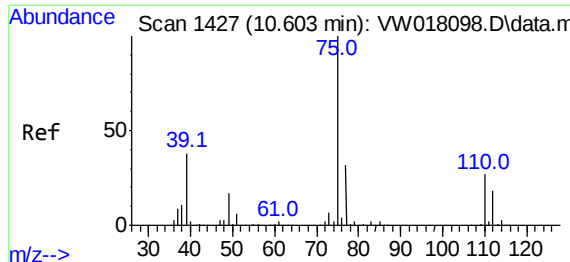
Tgt Ion: 63 Resp: 11223
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.44 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018118.D
Acq: 12 Feb 2021 18:23

Tgt Ion: 75 Resp: 2276
Ion Ratio Lower Upper
75 100
77 51.9 22.7 42.3#

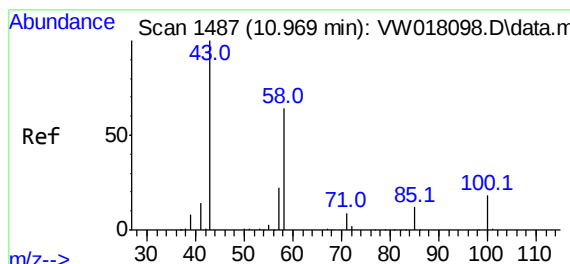
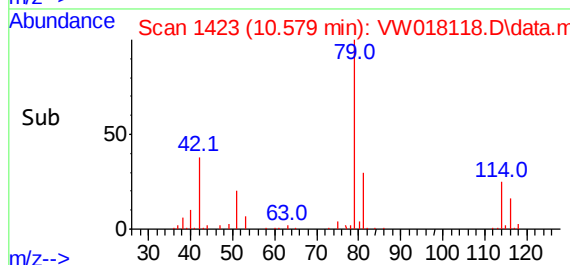
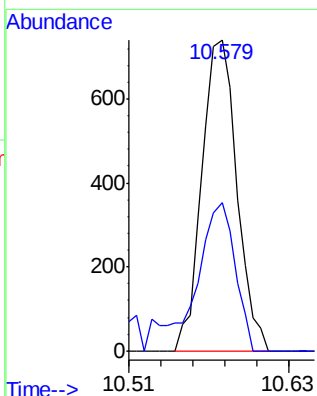
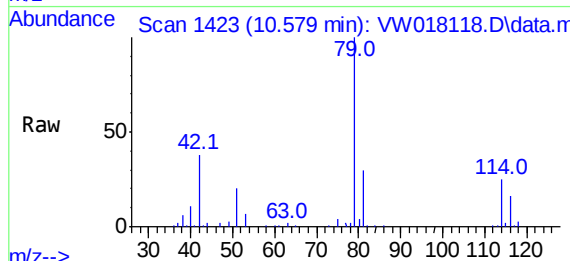




#45
trans-1,3-Dichloropropene
Concen: 0.31 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018118.D
Acq: 12 Feb 2021 18:23

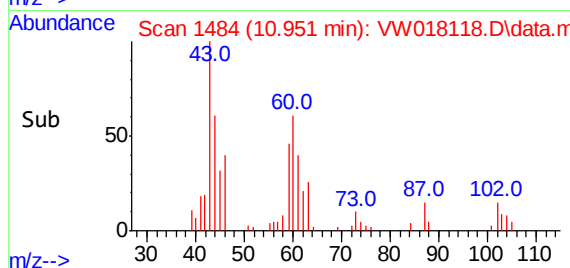
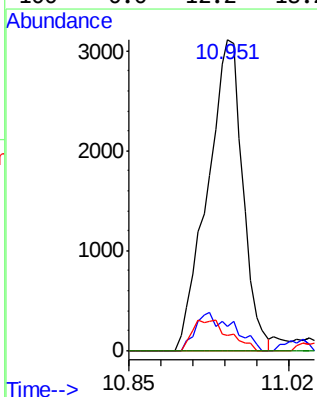
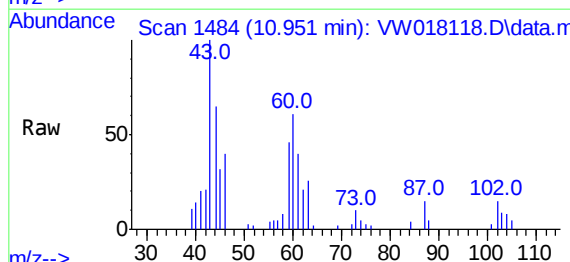
Instrument :
MSVOA_W
ClientSampled :
DBGZ7

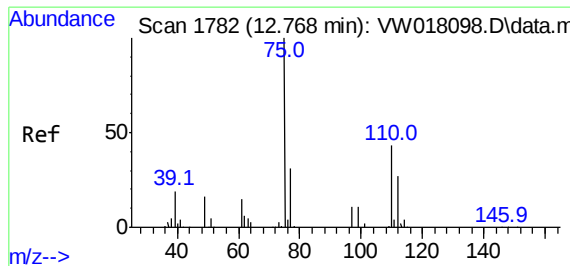
Tgt Ion: 75 Resp: 1385
Ion Ratio Lower Upper
75 100
77 47.7 22.6 42.0#



#49
2-Hexanone
Concen: 5.81 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.018 min
Lab File: VW018118.D
Acq: 12 Feb 2021 18:23

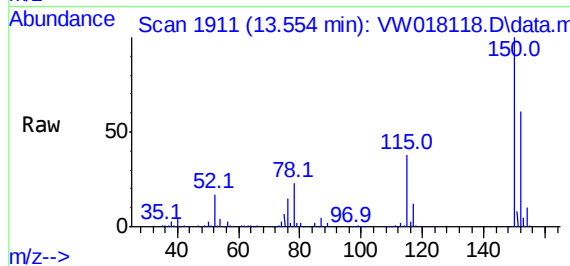
Tgt Ion: 43 Resp: 7978
Ion Ratio Lower Upper
43 100
58 0.9 51.3 76.9#
57 2.0 15.0 22.6#
100 0.0 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 2.75 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW018118.D
 Acq: 12 Feb 2021 18:23

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Tgt Ion: 75 Resp: 6674
 Ion Ratio Lower Upper
 75 100
 77 33.3 26.6 39.8

