

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020221\
 Data File : VW018010.D
 Acq On : 02 Feb 2021 14:58
 Operator : SY/VA
 Sample : M1298-03
 Misc : 4.61G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0A41

Quant Time: Feb 03 00:26:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 00:24:42 2021
 Response via : Initial Calibration

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

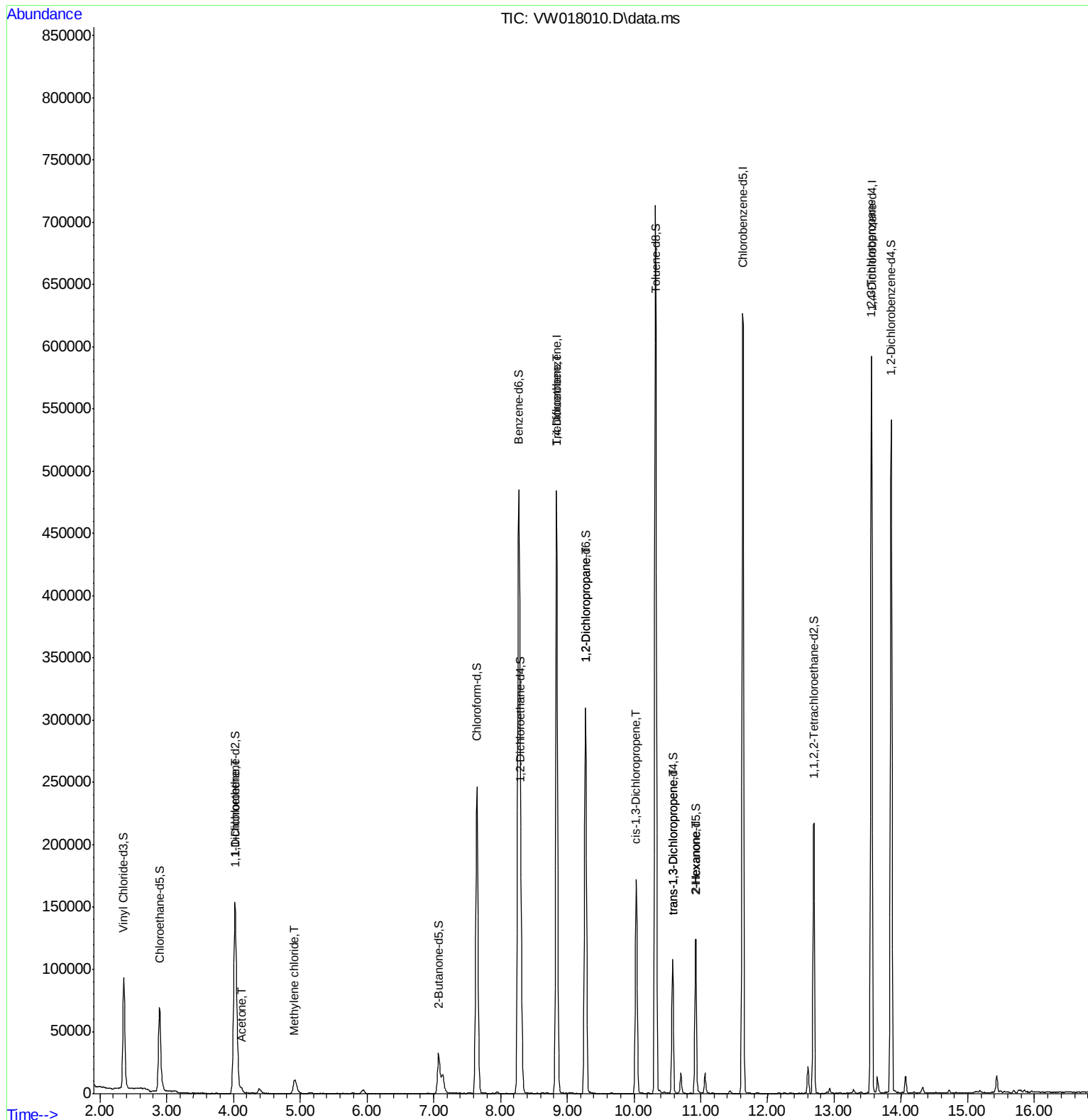
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	425973	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	370294	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	167816	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	114488	21.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.52%		
7) Chloroethane-d5	2.892	69	92743	22.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.28%		
10) 1,1-Dichloroethene-d2	4.026	63	173560	16.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	65.60%		
20) 2-Butanone-d5	7.074	46	55255	39.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.22%		
24) Chloroform-d	7.647	84	258512	23.13	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.52%		
26) 1,2-Dichloroethane-d4	8.305	65	133412	22.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.64%		
29) Benzene-d6	8.275	84	512602	25.21	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	100.84%		
33) 1,2-Dichloropropane-d6	9.275	67	142399	25.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.16%		
37) Toluene-d8	10.323	98	477132	24.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	98.64%		
38) trans-1,3-Dichloroprop...	10.579	79	60213	23.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.44%		
39) 2-Hexanone-d5	10.927	63	45362	41.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.44%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	104526	20.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.72%		
61) 1,2-Dichlorobenzene-d4	13.853	152	147396	24.62	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.48%		
Target Compounds						
12) 1,1-Dichloroethene	4.032	96	1524	0.27	ug/L #	1
13) Acetone	4.117	43	5828	5.58	ug/L	96
16) Methylene chloride	4.916	84	5208	0.76	ug/L	98
35) Trichloroethene	8.842	95	13038	2.14	ug/L #	3
40) 1,2-Dichloropropane	9.275	63	16174	3.26	ug/L #	84
42) cis-1,3-Dichloropropene	10.031	75	4312	0.54	ug/L #	69
45) trans-1,3-Dichloropropene	10.579	75	2620	0.38	ug/L #	81
49) 2-Hexanone	10.921	43	5340	2.49	ug/L #	60
59) 1,2,3-Trichloropropane	13.554	75	17656	4.65	ug/L	99

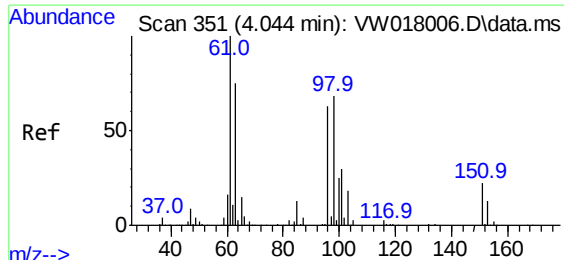
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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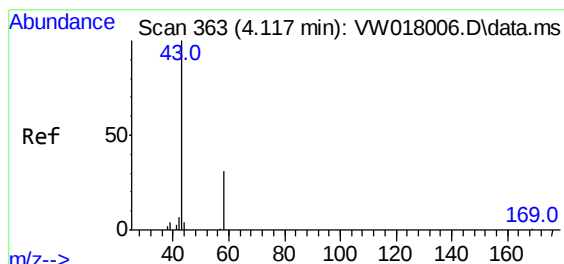
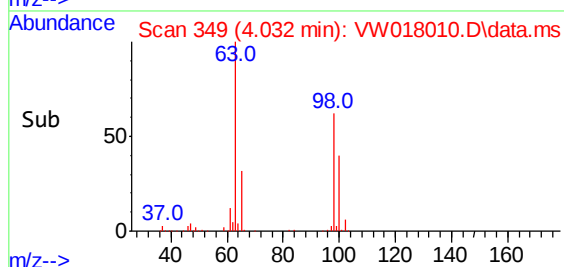
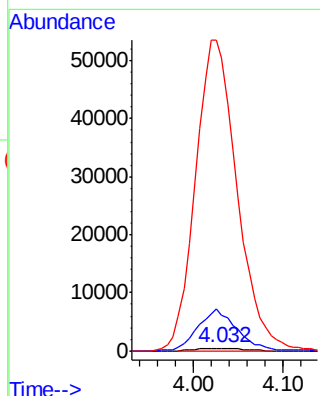
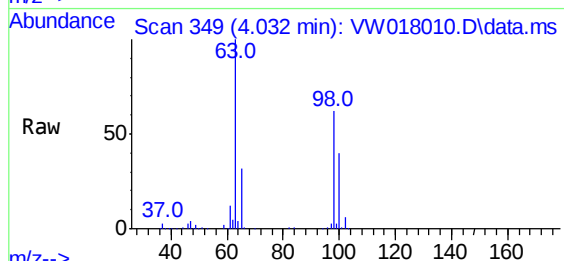




#12
1,1-Dichloroethene
Concen: 0.27 ug/L
RT: 4.032 min Scan# 349
Delta R.T. -0.012 min
Lab File: VW018010.D
Acq: 02 Feb 2021 14:58

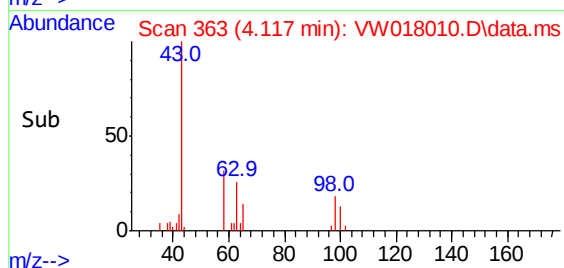
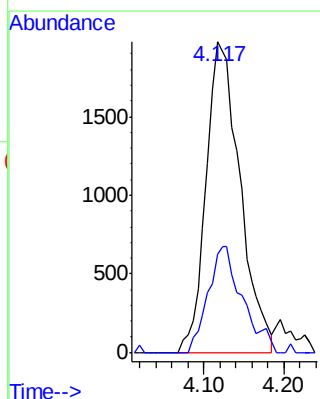
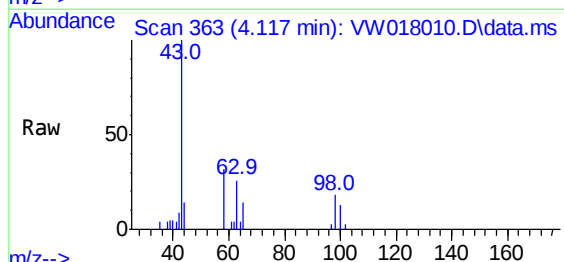
Instrument :
MSVOA_W
ClientSampled :
C0A41

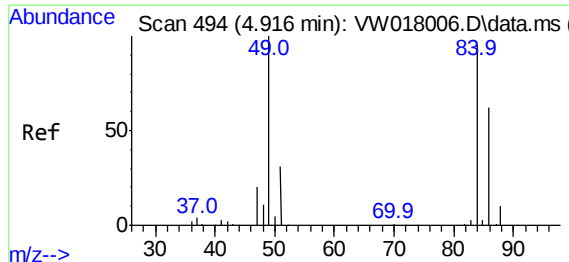
Tgt Ion: 96 Resp: 1524
Ion Ratio Lower Upper
96 100
61 1377.0 112.5 208.9#
63 11148.7 83.1 154.3#



#13
Acetone
Concen: 5.58 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018010.D
Acq: 02 Feb 2021 14:58

Tgt Ion: 43 Resp: 5828
Ion Ratio Lower Upper
43 100
58 32.1 0.0 68.4



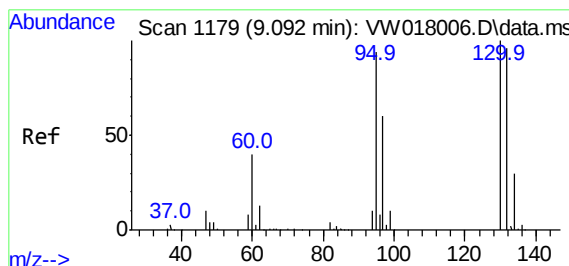
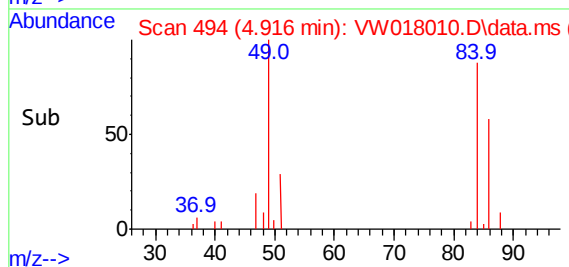
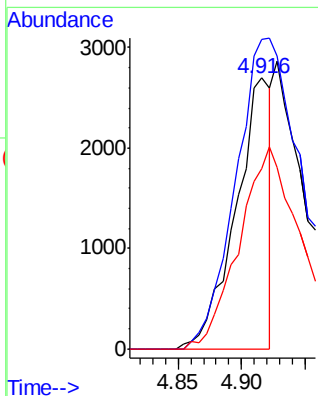
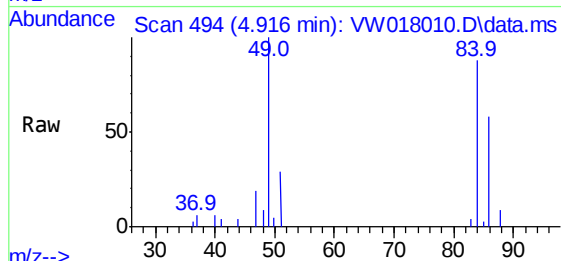


#16
Methylene chloride
Concen: 0.76 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018010.D
Acq: 02 Feb 2021 14:58

Instrument :
MSVOA_W
ClientSampleId :
C0A41

Tgt Ion: 84 Resp: 5208

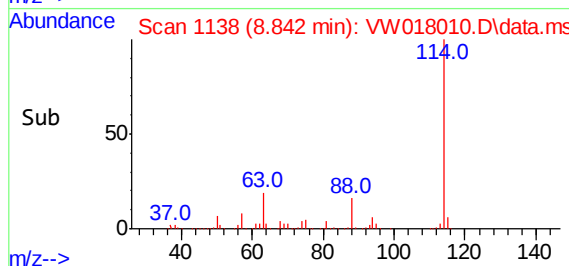
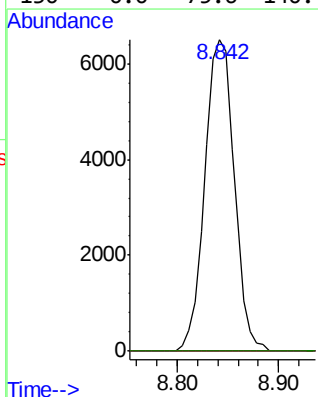
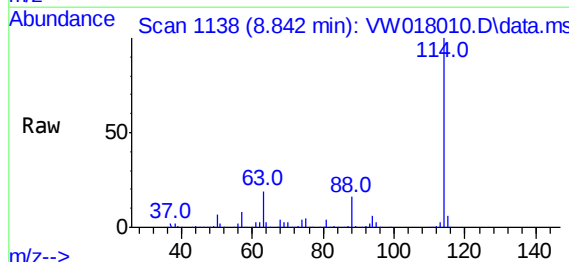
Ion	Ratio	Lower	Upper
84	100		
49	114.3	81.2	150.8
86	66.6	44.5	82.7

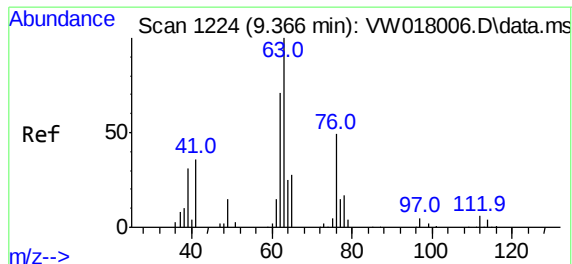


#35
Trichloroethene
Concen: 2.14 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018010.D
Acq: 02 Feb 2021 14:58

Tgt Ion: 95 Resp: 13038

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#

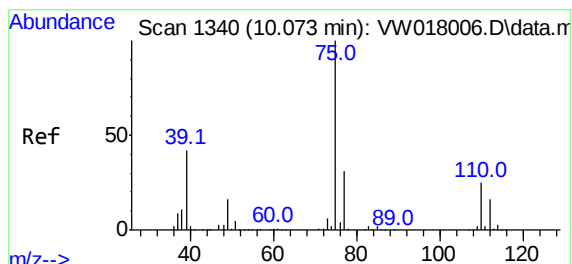
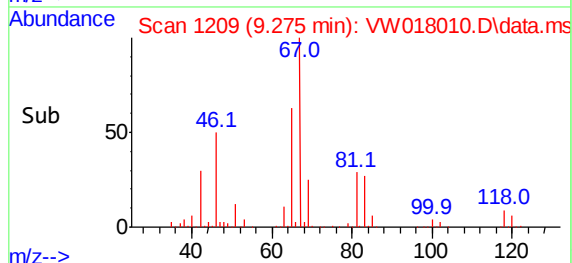
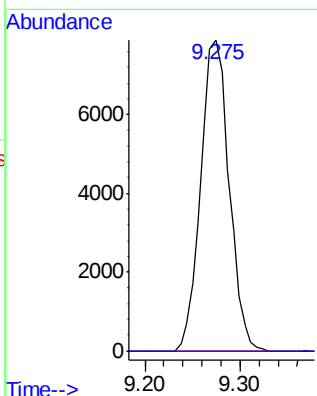
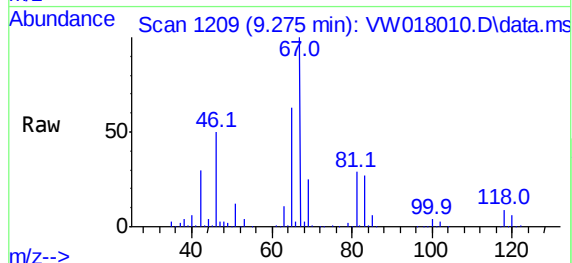




#40
1,2-Dichloropropane
Concen: 3.26 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018010.D
Acq: 02 Feb 2021 14:58

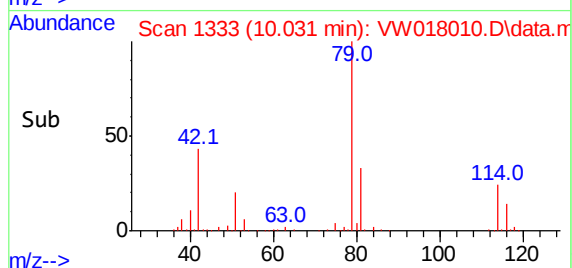
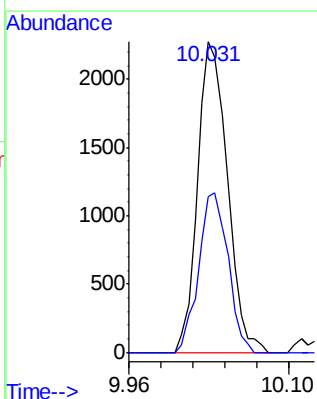
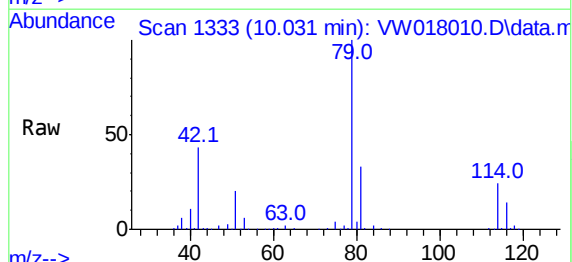
Instrument :
MSVOA_W
ClientSampled :
C0A41

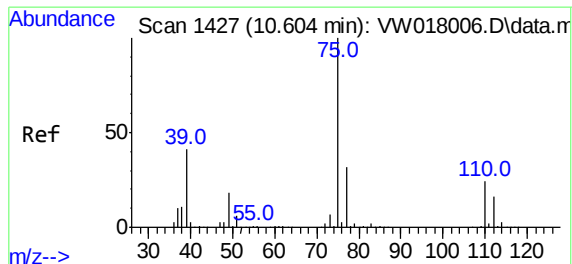
Tgt Ion: 63 Resp: 16174
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.54 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018010.D
Acq: 02 Feb 2021 14:58

Tgt Ion: 75 Resp: 4312
Ion Ratio Lower Upper
75 100
77 50.2 22.7 42.3#

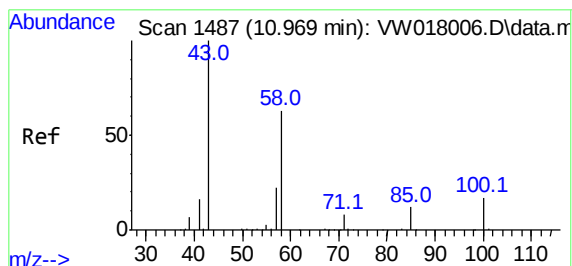
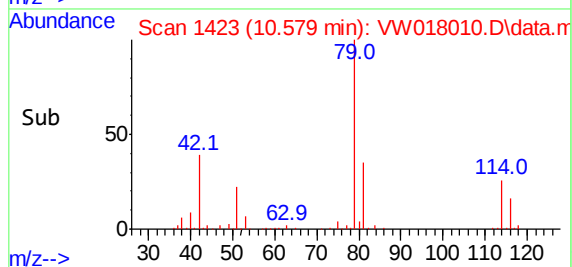
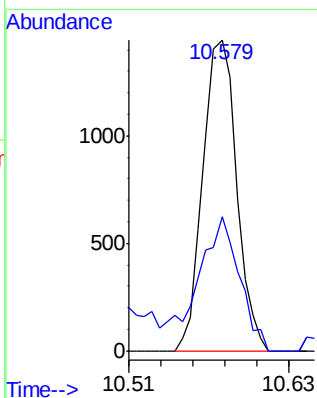
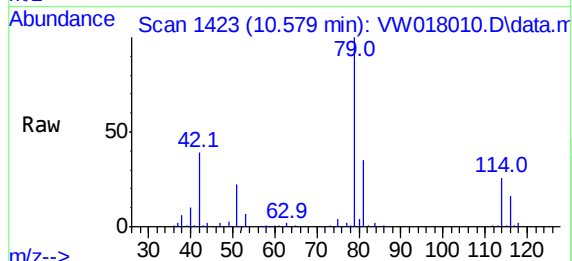




#45
trans-1,3-Dichloropropene
Concen: 0.38 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018010.D
Acq: 02 Feb 2021 14:58

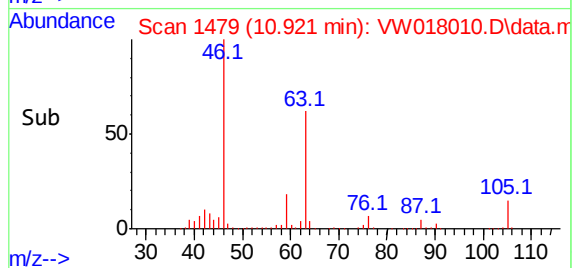
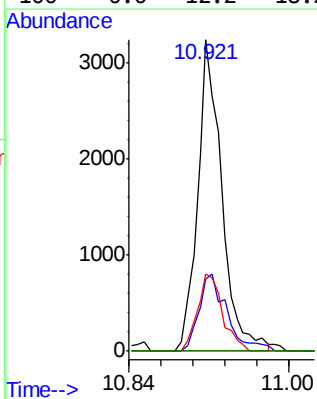
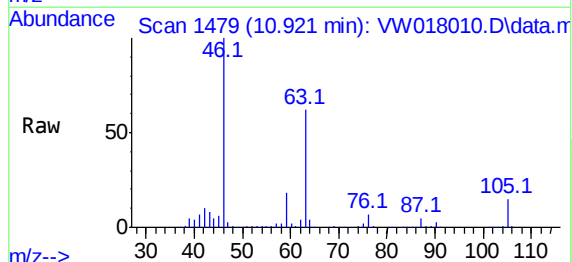
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ClientSampled :
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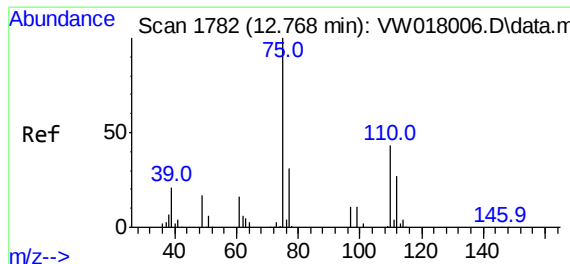
Tgt Ion: 75 Resp: 2620
Ion Ratio Lower Upper
75 100
77 43.0 22.6 42.0#



#49
2-Hexanone
Concen: 2.49 ug/L
RT: 10.921 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW018010.D
Acq: 02 Feb 2021 14:58

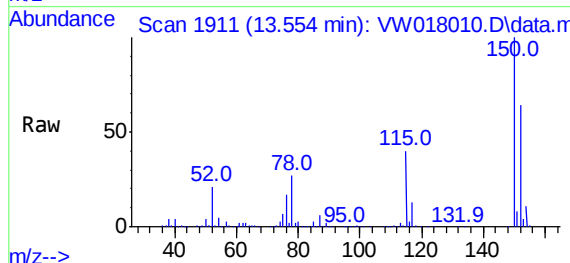
Tgt Ion: 43 Resp: 5340
Ion Ratio Lower Upper
43 100
58 26.7 51.3 76.9#
57 25.4 15.0 22.6#
100 0.0 12.2 18.2#





#59
1,2,3-Trichloropropane
Concen: 4.65 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018010.D
Acq: 02 Feb 2021 14:58

Instrument :
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ClientSampleId :
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Tgt Ion: 75 Resp: 17656
Ion Ratio Lower Upper
75 100
77 32.9 26.6 39.8

