

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020221\
 Data File : VW018015.D
 Acq On : 02 Feb 2021 16:59
 Operator : SY/VA
 Sample : M1298-02
 Misc : 4.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0A21

Quant Time: Feb 03 00:27:39 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)

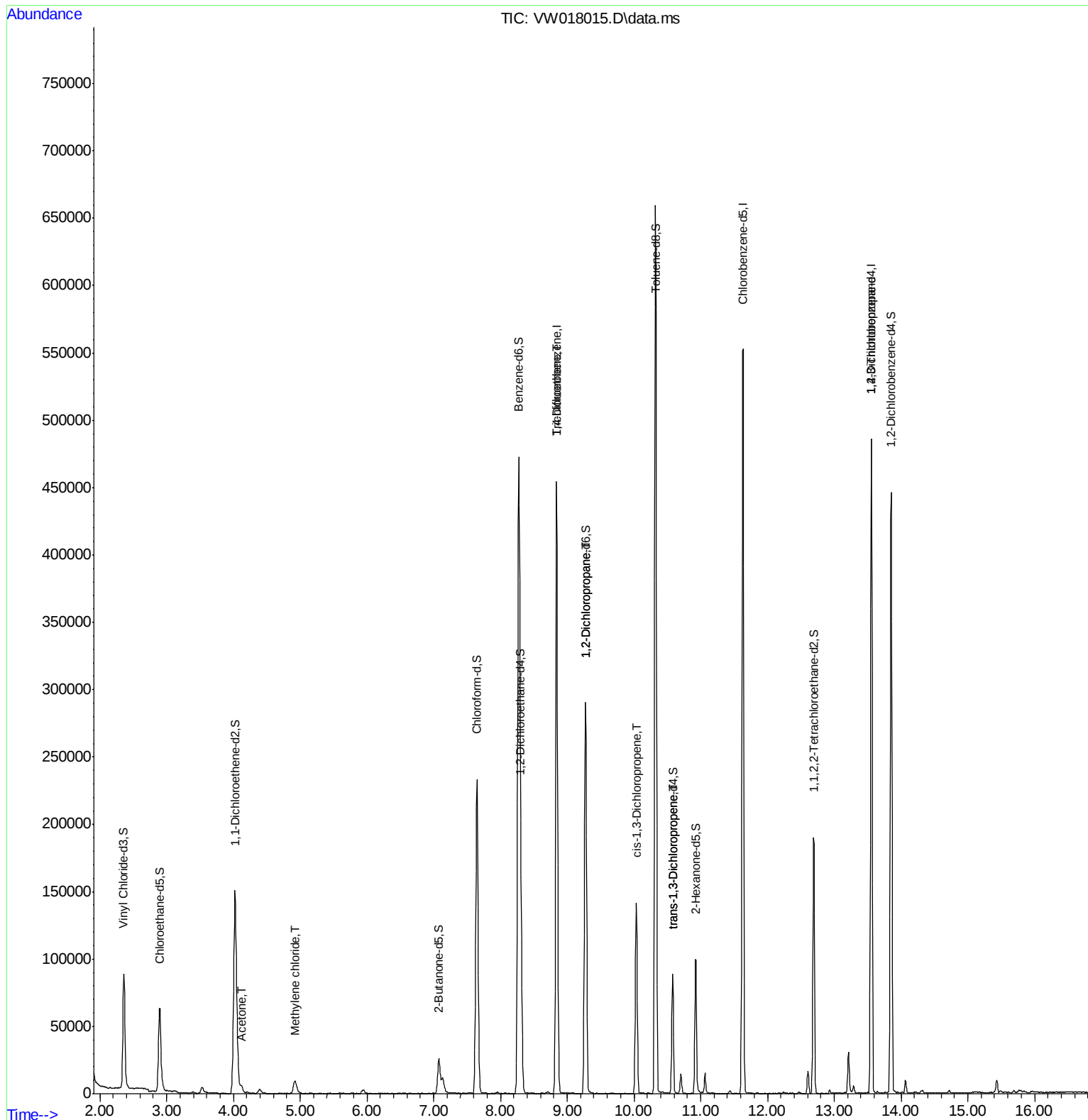
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	393790	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	326460	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	134342	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	111662	22.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.28%		
7) Chloroethane-d5	2.891	69	91345	23.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.08%		
10) 1,1-Dichloroethene-d2	4.025	63	167954	17.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.68%		
20) 2-Butanone-d5	7.080	46	43947	33.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.30%		
24) Chloroform-d	7.647	84	249946	24.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.76%		
26) 1,2-Dichloroethane-d4	8.305	65	126416	22.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.88%		
29) Benzene-d6	8.275	84	496357	27.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	110.76%		
33) 1,2-Dichloropropane-d6	9.274	67	138308	27.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	110.36%		
37) Toluene-d8	10.323	98	451969	26.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	106.00%		
38) trans-1,3-Dichloroprop...	10.579	79	50245	22.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.44%		
39) 2-Hexanone-d5	10.920	63	35372	36.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.80%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	93010	21.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.48%		
61) 1,2-Dichlorobenzene-d4	13.853	152	123674	25.81	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	103.24%		
Target Compounds						
13) Acetone	4.123	43	8501	8.80	ug/L	94
16) Methylene chloride	4.922	84	8743	1.39	ug/L	89
35) Trichloroethene	8.842	95	11652	2.17	ug/L #	3
40) 1,2-Dichloropropane	9.274	63	15361	3.51	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	3588	0.51	ug/L #	67
45) trans-1,3-Dichloropropene	10.579	75	2263	0.37	ug/L	99
59) 1,2,3-Trichloropropane	13.554	75	14050	4.19	ug/L	97

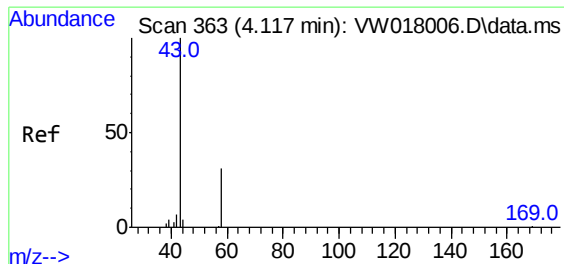
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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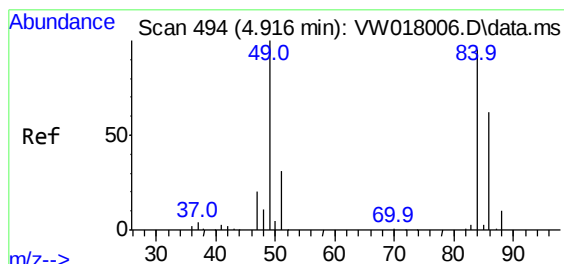
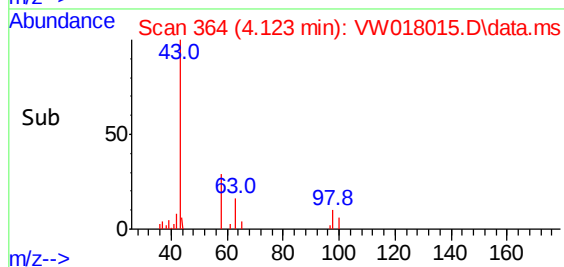
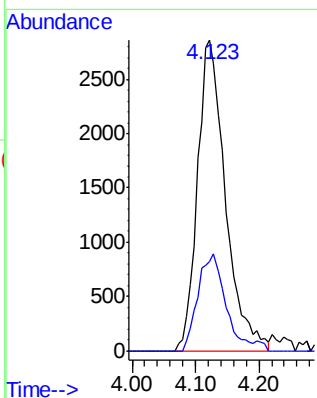
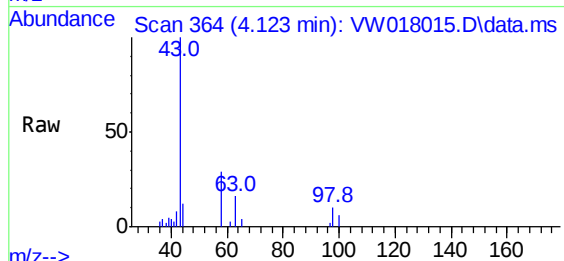




#13
Acetone
Concen: 8.80 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018015.D
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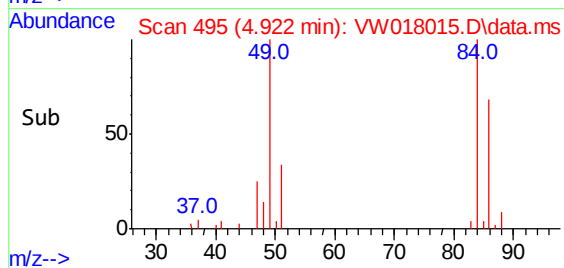
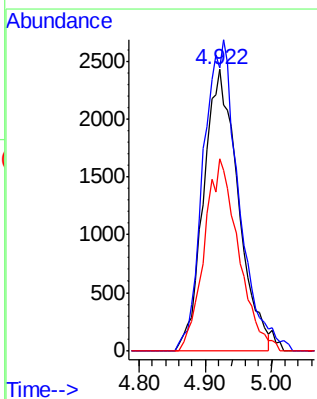
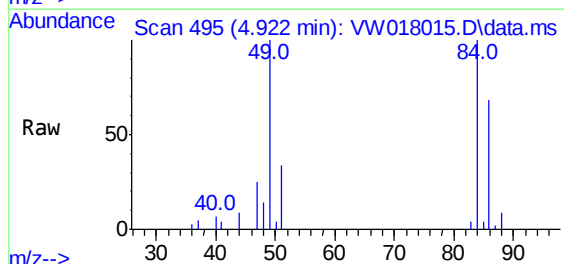
Instrument :
MSVOA_W
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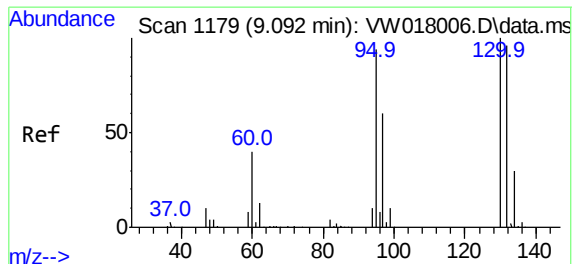
Tgt Ion: 43 Resp: 8501
Ion Ratio Lower Upper
43 100
58 30.5 0.0 68.4



#16
Methylene chloride
Concen: 1.39 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018015.D
Acq: 02 Feb 2021 16:59

Tgt Ion: 84 Resp: 8743
Ion Ratio Lower Upper
84 100
49 100.5 81.2 150.8
86 68.4 44.5 82.7

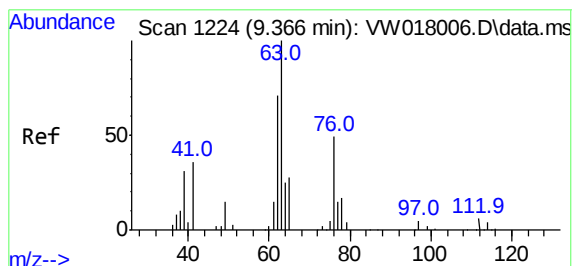
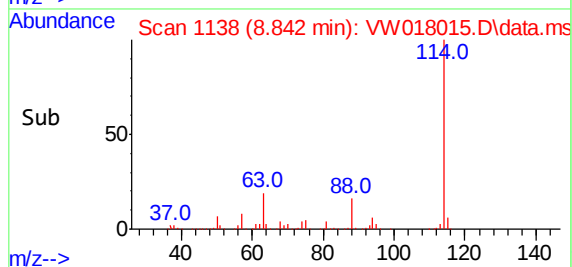
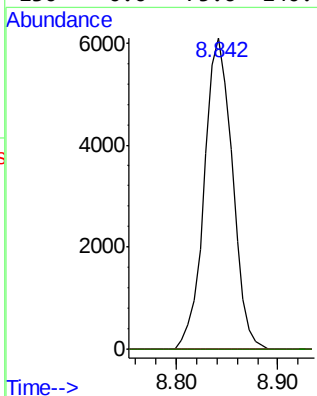
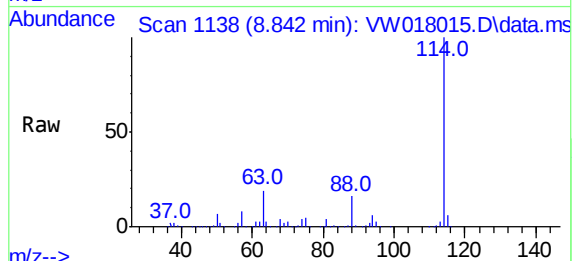




#35
Trichloroethene
Concen: 2.17 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018015.D
Acq: 02 Feb 2021 16:59

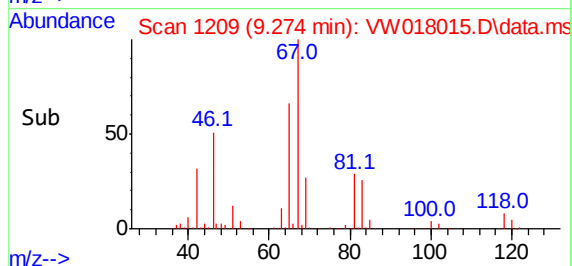
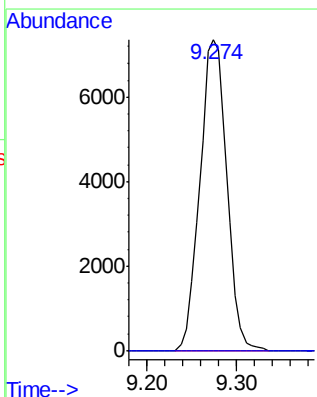
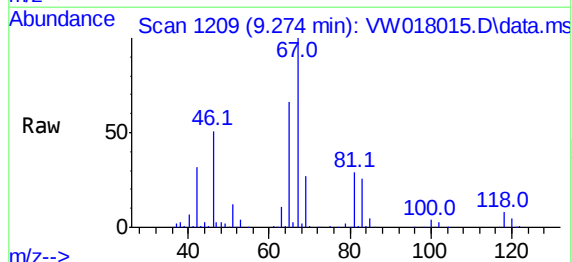
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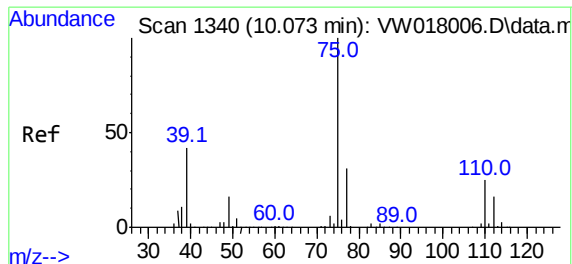
Tgt Ion: 95 Resp: 11652
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.4 71.0 131.8#
130 0.0 75.6 140.4#



#40
1,2-Dichloropropane
Concen: 3.51 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018015.D
Acq: 02 Feb 2021 16:59

Tgt Ion: 63 Resp: 15361
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

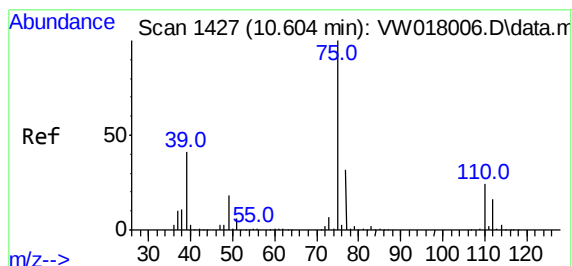
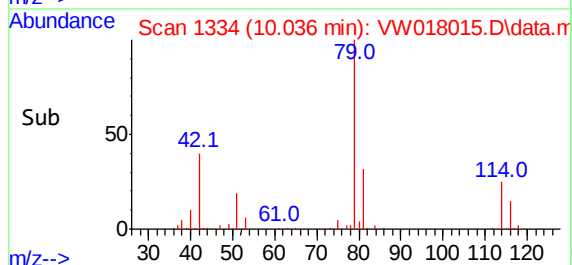
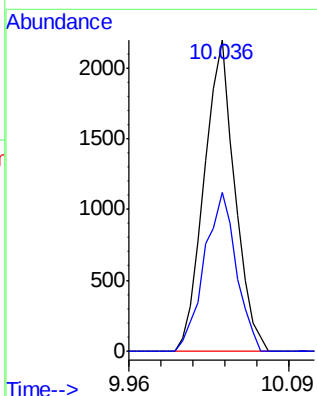
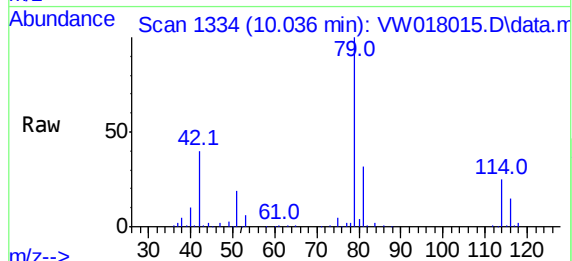




#42
cis-1,3-Dichloropropene
Concen: 0.51 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018015.D
Acq: 02 Feb 2021 16:59

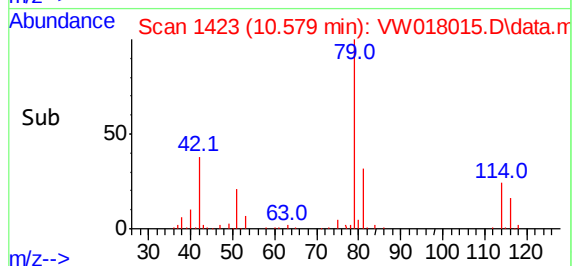
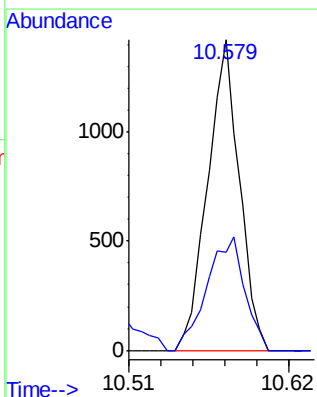
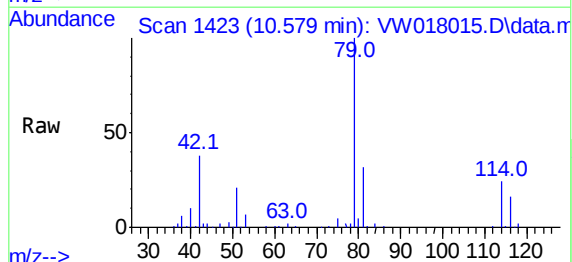
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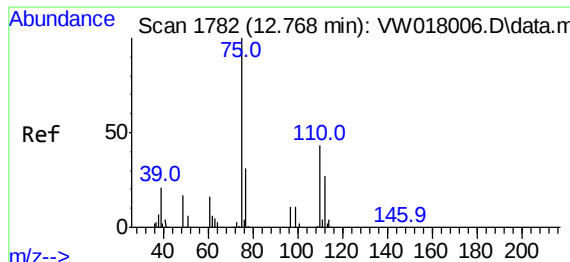
Tgt Ion: 75 Resp: 3588
Ion Ratio Lower Upper
75 100
77 51.0 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.37 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018015.D
Acq: 02 Feb 2021 16:59

Tgt Ion: 75 Resp: 2263
Ion Ratio Lower Upper
75 100
77 31.6 22.6 42.0





#59
 1,2,3-Trichloropropane
 Concen: 4.19 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018015.D
 Acq: 02 Feb 2021 16:59

Instrument :
 MSVOA_W
 ClientSampleId :
 C0A21

Tgt Ion: 75 Resp: 14050
 Ion Ratio Lower Upper
 75 100
 77 35.1 26.6 39.8

