

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018156.D
 Acq On : 16 Feb 2021 12:39
 Operator : SY/VA
 Sample : VIBLK12
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK12

Quant Time: Feb 17 01:04:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 01:02:43 2021
 Response via : Initial Calibration

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

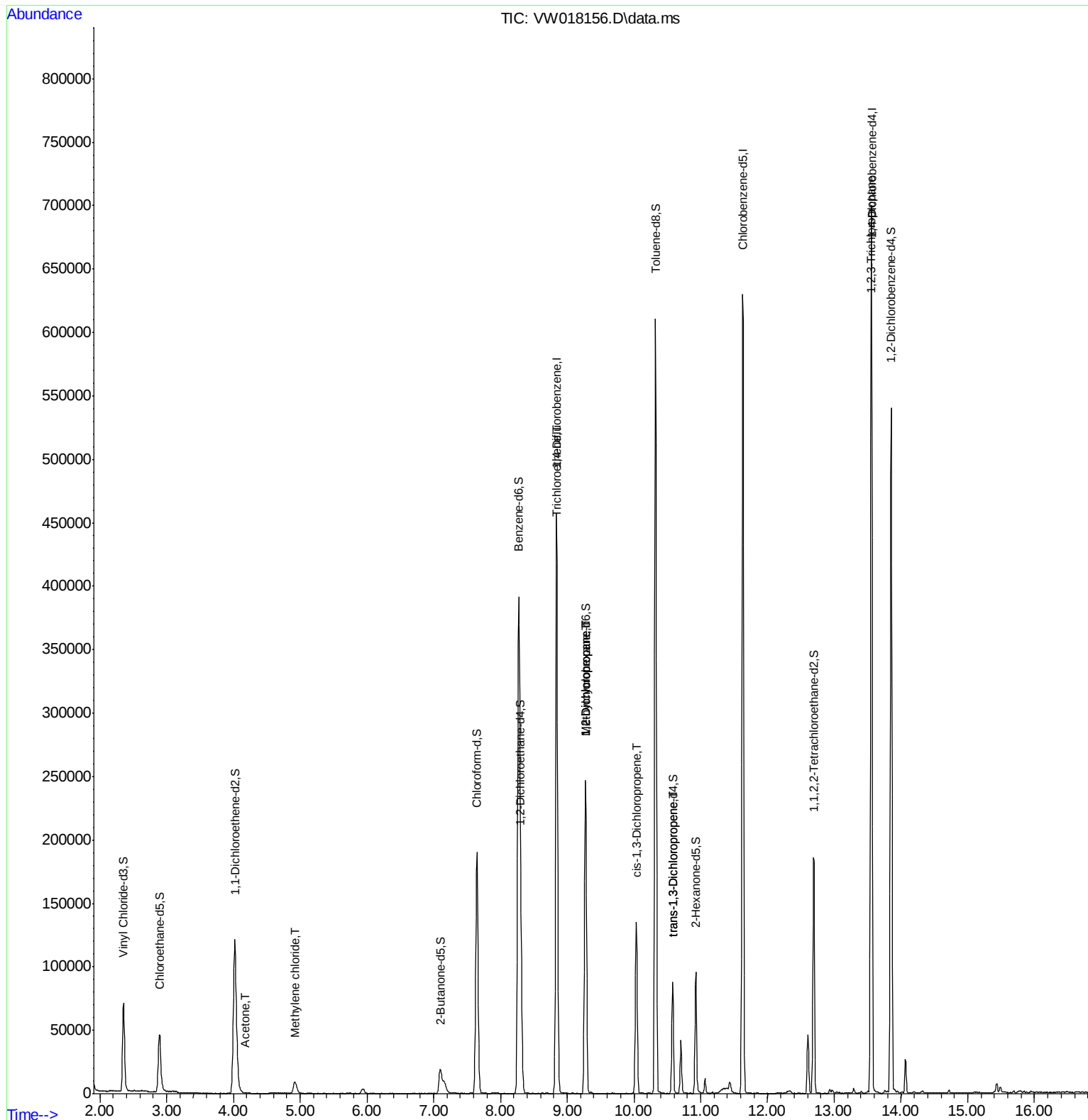
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	415091	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	380832	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	199073	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	86698	16.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.24%		
7) Chloroethane-d5	2.891	69	68929	16.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.36%		
10) 1,1-Dichloroethene-d2	4.019	63	139153	13.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	53.96%		
20) 2-Butanone-d5	7.098	46	39193	28.47	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	56.94%		
24) Chloroform-d	7.647	84	206812	18.99	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.96%		
26) 1,2-Dichloroethane-d4	8.305	65	107024	18.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	73.80%		
29) Benzene-d6	8.275	84	423097	20.23	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.92%		
33) 1,2-Dichloropropane-d6	9.274	67	115871	19.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	79.24%		
37) Toluene-d8	10.323	98	408305	20.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.08%		
38) trans-1,3-Dichloroprop...	10.579	79	50226	18.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.80%		
39) 2-Hexanone-d5	10.927	63	35172	31.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	62.90%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	92614	18.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	72.12%		
61) 1,2-Dichlorobenzene-d4	13.853	152	145021	20.42	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.68%		
Target Compounds						Qvalue
13) Acetone	4.178	43	604	0.59	ug/L	64
16) Methylene chloride	4.922	84	9333	1.40	ug/L	90
35) Trichloroethene	8.848	95	11877	1.89	ug/L #	3
36) Methylcyclohexane	9.274	83	30607	2.90	ug/L #	19
40) 1,2-Dichloropropane	9.274	63	13166	2.58	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	3287	0.40	ug/L #	74
45) trans-1,3-Dichloropropene	10.579	75	2077	0.29	ug/L	96
59) 1,2,3-Trichloropropane	13.554	75	19611	5.02	ug/L	99

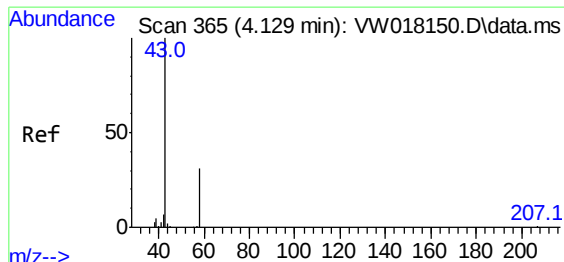
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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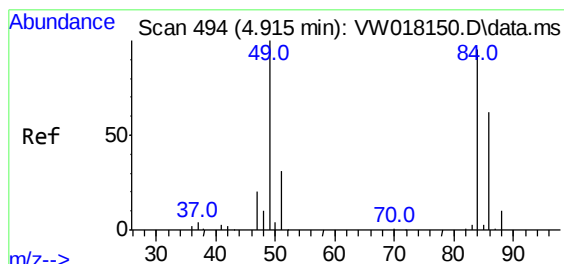
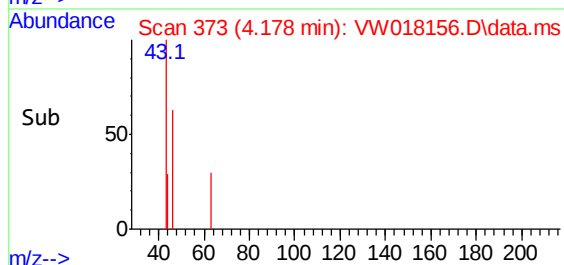
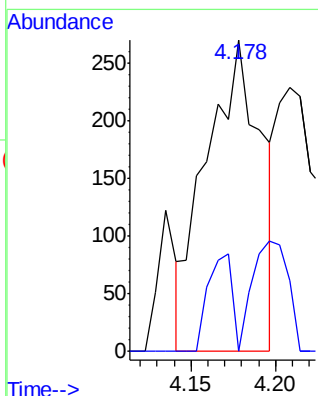
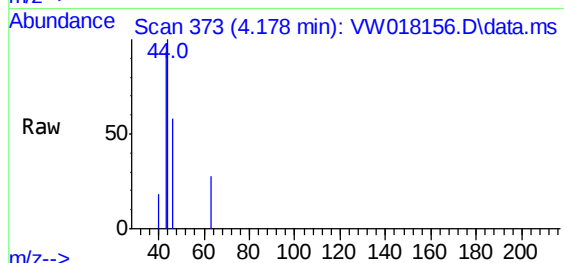




#13
Acetone
Concen: 0.59 ug/L
RT: 4.178 min Scan# 373
Delta R.T. 0.049 min
Lab File: VW018156.D
Acq: 16 Feb 2021 12:39

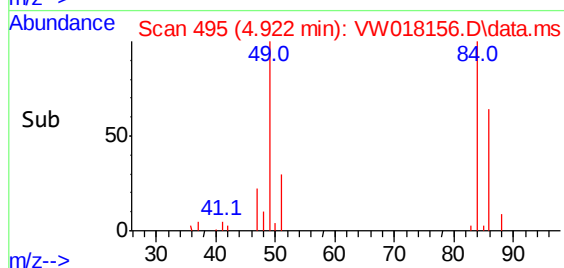
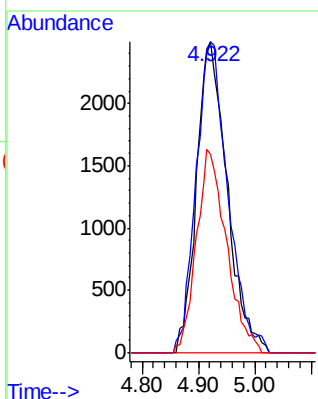
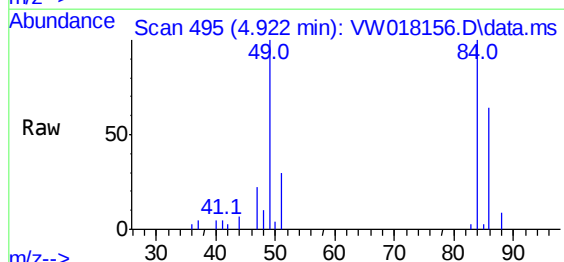
Instrument :
MSVOA_W
ClientSampled :
VIBLK12

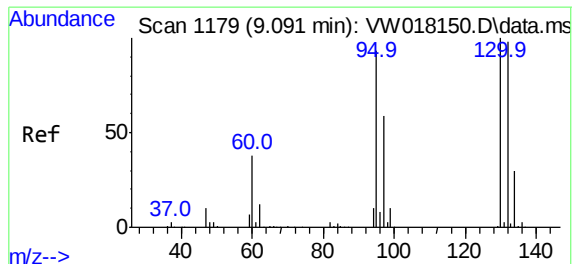
Tgt Ion: 43 Resp: 604
Ion Ratio Lower Upper
43 100
58 13.2 0.0 68.4



#16
Methylene chloride
Concen: 1.40 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018156.D
Acq: 16 Feb 2021 12:39

Tgt Ion: 84 Resp: 9333
Ion Ratio Lower Upper
84 100
49 100.0 81.2 150.8
86 63.8 44.5 82.7

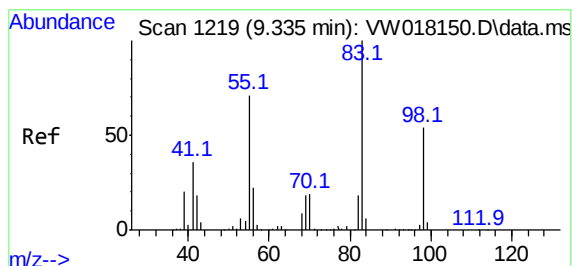
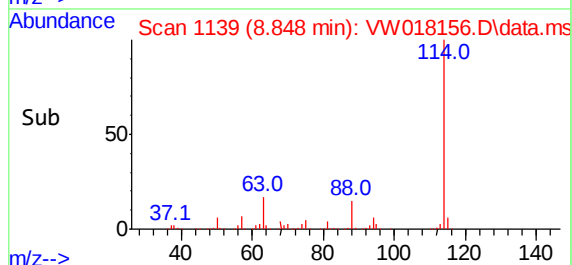
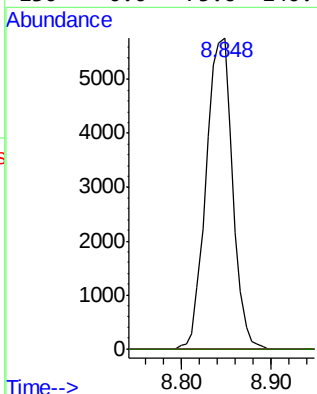
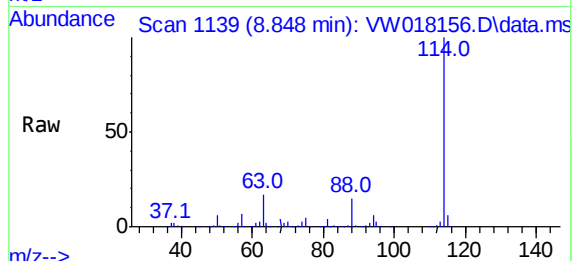




#35
Trichloroethene
Concen: 1.89 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW018156.D
Acq: 16 Feb 2021 12:39

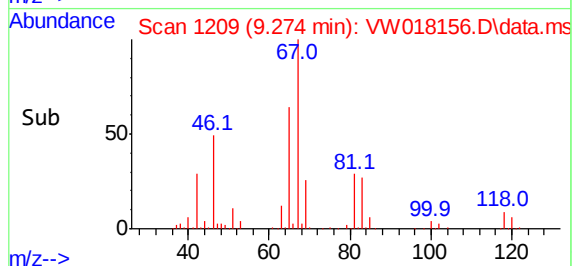
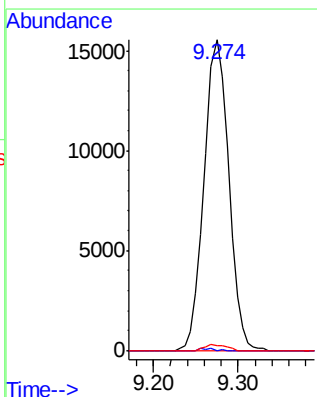
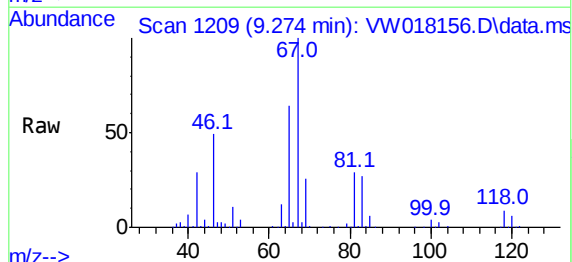
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VIBLK12

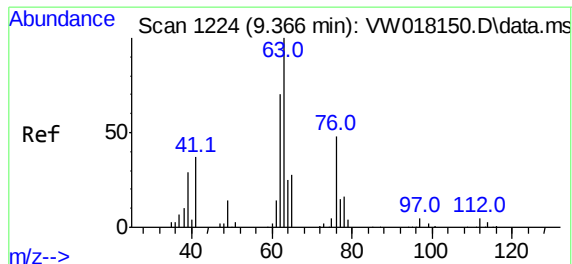
Tgt Ion: 95 Resp: 11877
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#



#36
Methylcyclohexane
Concen: 2.90 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018156.D
Acq: 16 Feb 2021 12:39

Tgt Ion: 83 Resp: 30607
Ion Ratio Lower Upper
83 100
55 0.1 59.4 89.0#
98 1.5 40.7 61.1#

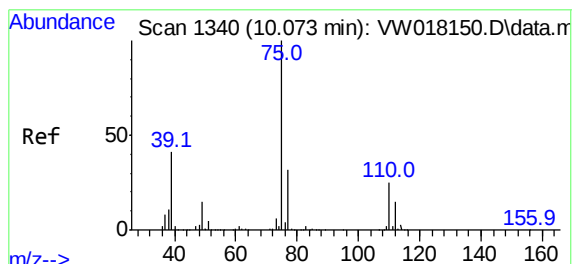
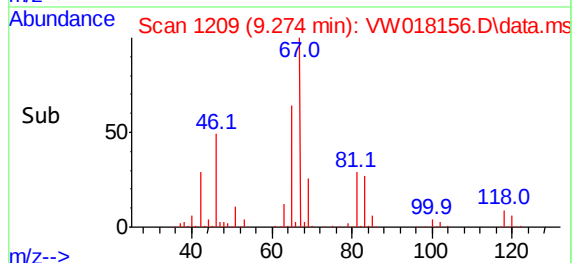
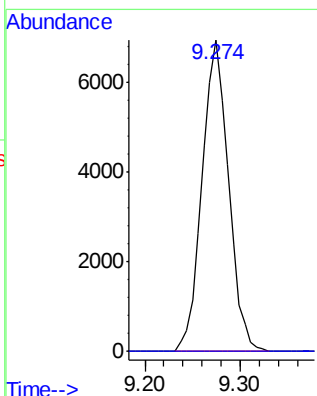
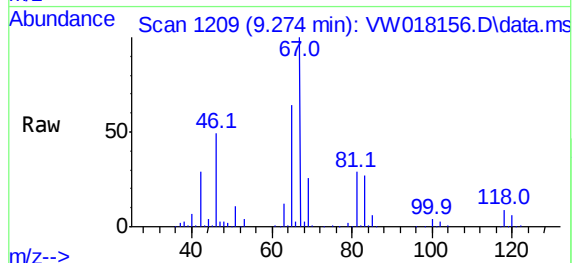




#40
1,2-Dichloropropane
Concen: 2.58 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018156.D
Acq: 16 Feb 2021 12:39

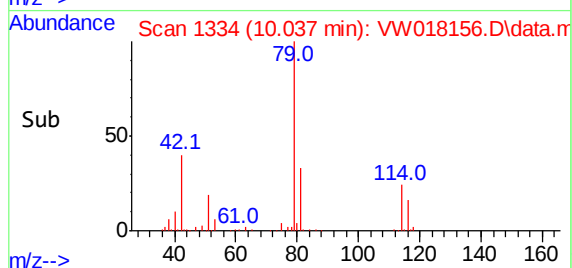
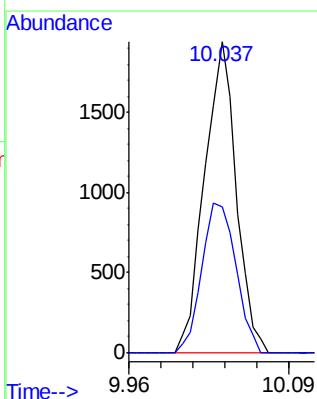
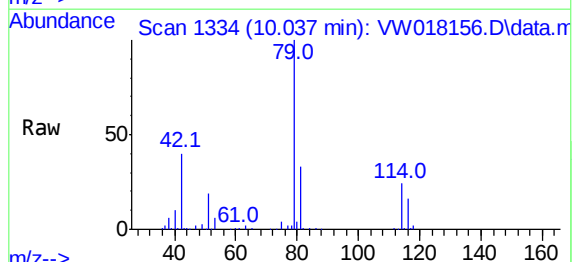
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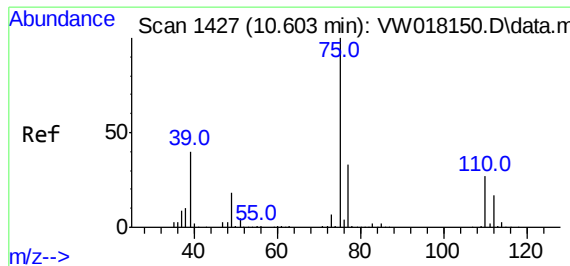
Tgt Ion: 63 Resp: 13166
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.40 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018156.D
Acq: 16 Feb 2021 12:39

Tgt Ion: 75 Resp: 3287
Ion Ratio Lower Upper
75 100
77 46.9 22.7 42.3#

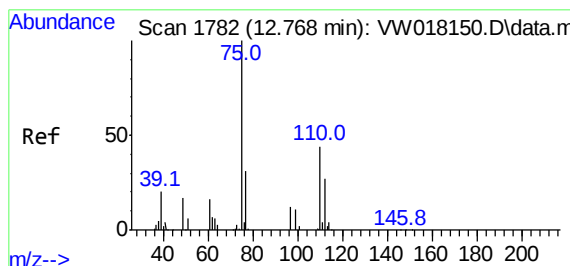
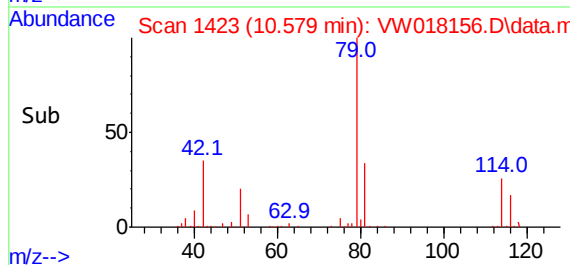
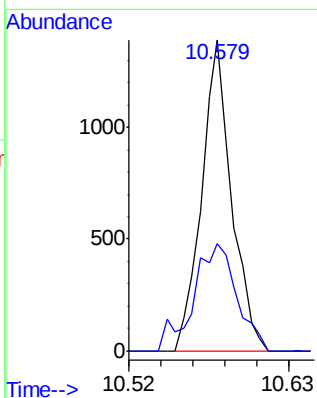
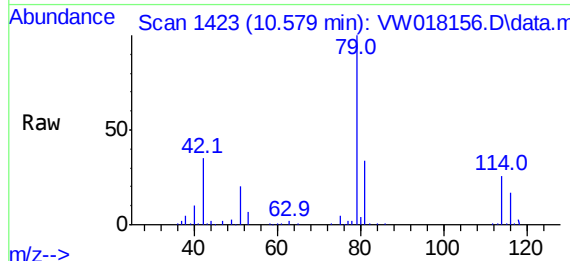




#45
trans-1,3-Dichloropropene
Concen: 0.29 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018156.D
Acq: 16 Feb 2021 12:39

Instrument :
MSVOA_W
ClientSampleId :
VIBLK12

Tgt Ion: 75 Resp: 2077
Ion Ratio Lower Upper
75 100
77 34.4 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 5.02 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018156.D
Acq: 16 Feb 2021 12:39

Tgt Ion: 75 Resp: 19611
Ion Ratio Lower Upper
75 100
77 33.8 26.6 39.8

