

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020521\
 Data File : VW018034.D
 Acq On : 05 Feb 2021 15:34
 Operator : SY/VA
 Sample : M1330-04
 Misc : 4.56G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG534

Quant Time: Feb 06 01:08:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 01:06:17 2021
 Response via : Initial Calibration

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

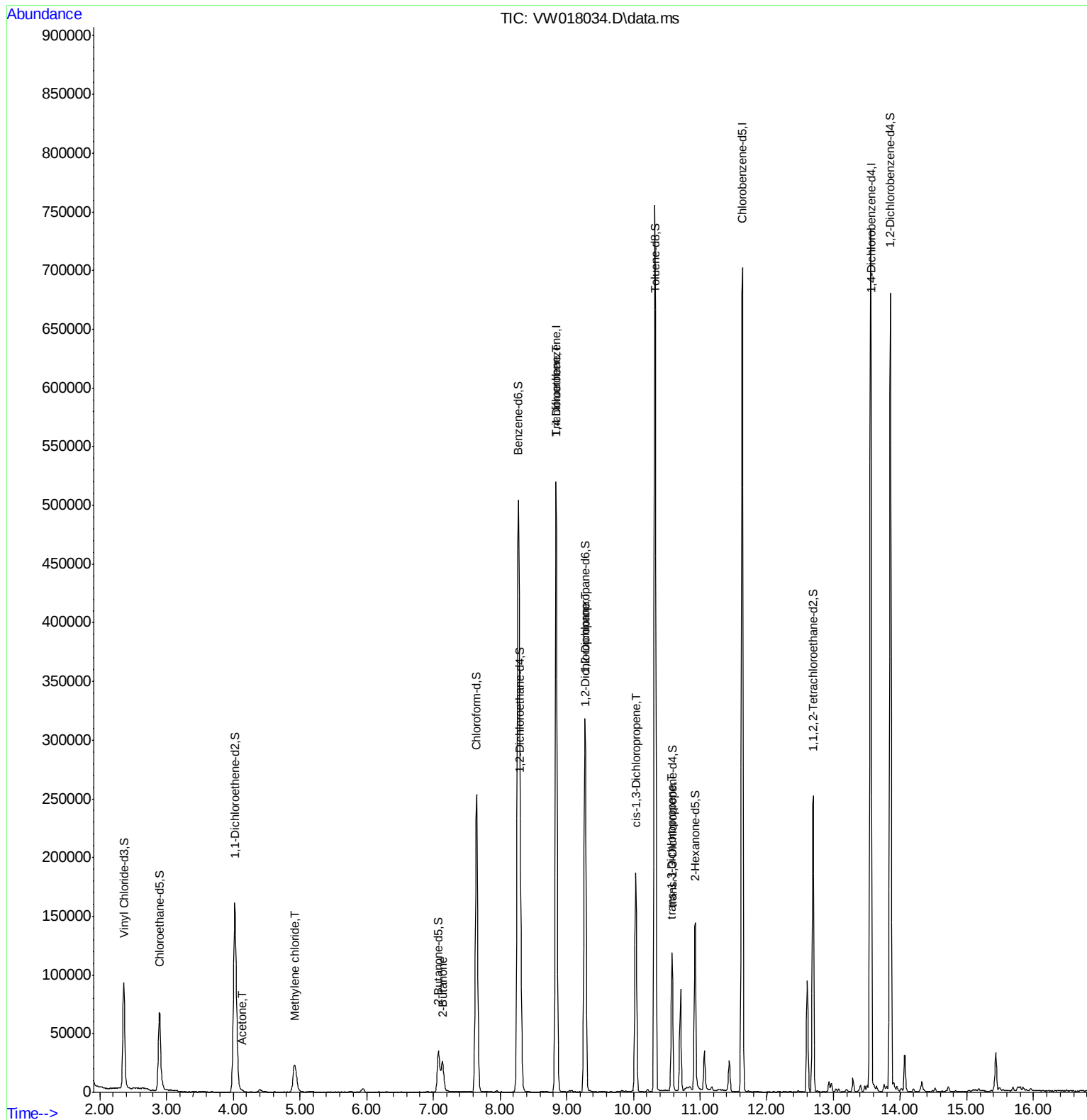
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	458388	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	415403	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	211125	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	115773	20.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.28%		
7) Chloroethane-d5	2.891	69	96085	21.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.00%		
10) 1,1-Dichloroethene-d2	4.025	63	179083	15.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.88%		
20) 2-Butanone-d5	7.080	46	60850	40.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.06%		
24) Chloroform-d	7.647	84	270517	22.49	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	89.96%		
26) 1,2-Dichloroethane-d4	8.305	65	142378	22.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.88%		
29) Benzene-d6	8.275	84	539239	23.64	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.56%		
33) 1,2-Dichloropropane-d6	9.274	67	151570	23.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.04%		
37) Toluene-d8	10.323	98	508796	23.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.76%		
38) trans-1,3-Dichloroprop...	10.579	79	67334	23.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.12%		
39) 2-Hexanone-d5	10.920	63	49886	40.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.80%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	123260	22.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.00%		
61) 1,2-Dichlorobenzene-d4	13.853	152	184904	24.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.20%		
Target Compounds						
13) Acetone	4.129	43	1734	1.54	ug/L	100
16) Methylene chloride	4.928	84	23501	3.20	ug/L	92
21) 2-Butanone	7.141	43	1414	0.83	ug/L #	51
35) Trichloroethene	8.842	95	14040	2.05	ug/L #	3
40) 1,2-Dichloropropane	9.281	63	17337	3.11	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	4652	0.52	ug/L #	77
45) trans-1,3-Dichloropropene	10.573	75	2948	0.38	ug/L	89

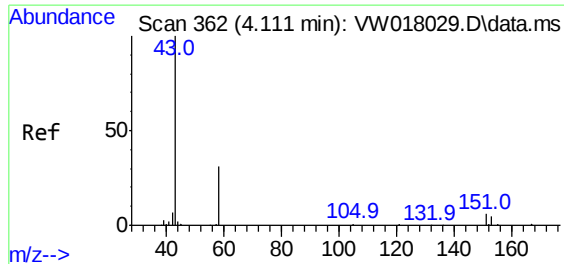
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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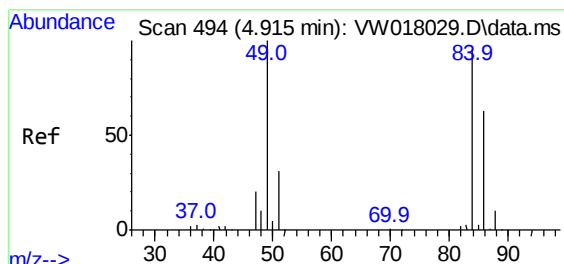
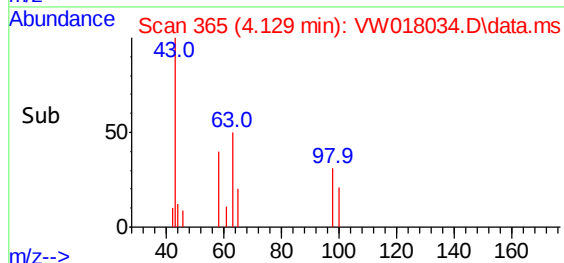
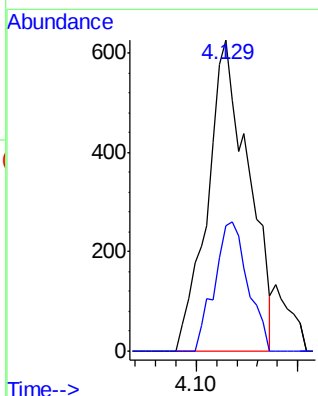
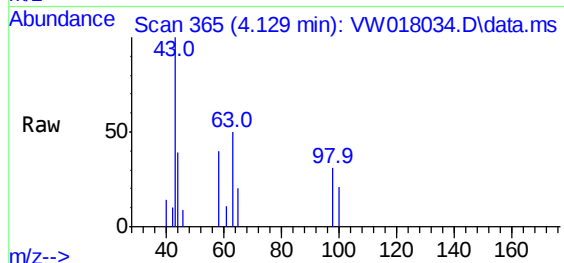




#13
Acetone
Concen: 1.54 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.018 min
Lab File: VW018034.D
Acq: 05 Feb 2021 15:34

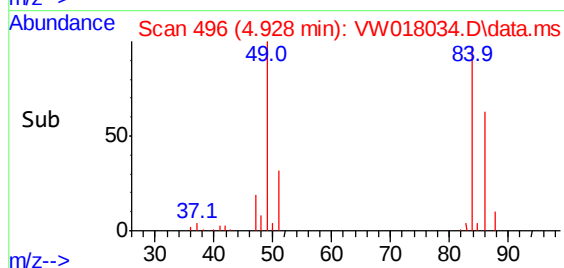
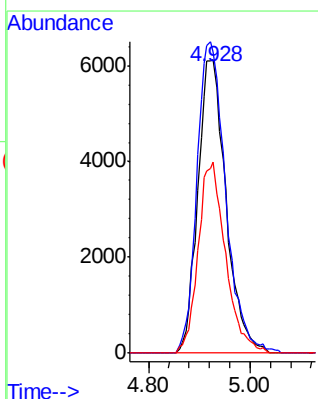
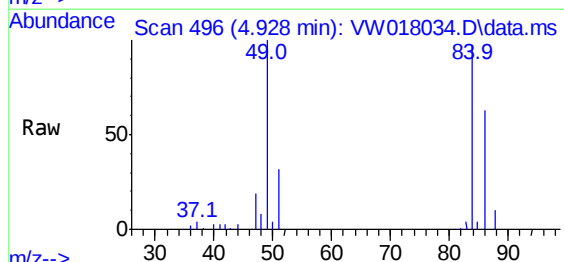
Instrument :
MSVOA_W
ClientSampled :
BG534

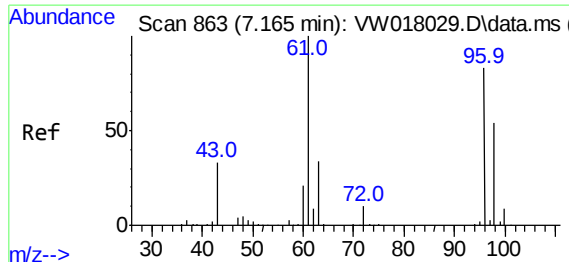
Tgt Ion: 43 Resp: 1734
Ion Ratio Lower Upper
43 100
58 34.0 0.0 68.4



#16
Methylene chloride
Concen: 3.20 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018034.D
Acq: 05 Feb 2021 15:34

Tgt Ion: 84 Resp: 23501
Ion Ratio Lower Upper
84 100
49 102.9 81.2 150.8
86 65.2 44.5 82.7

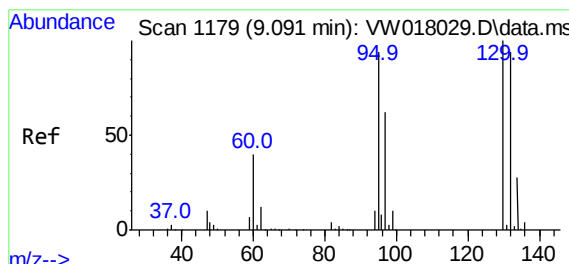
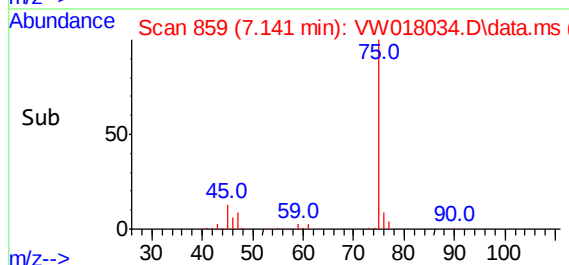
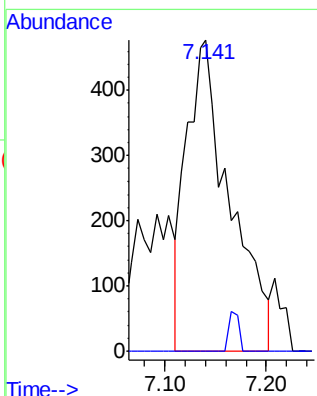
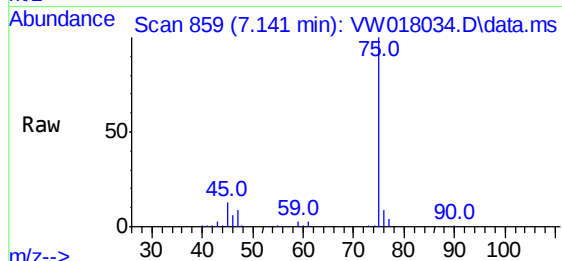




#21
2-Butanone
Concen: 0.83 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW018034.D
Acq: 05 Feb 2021 15:34

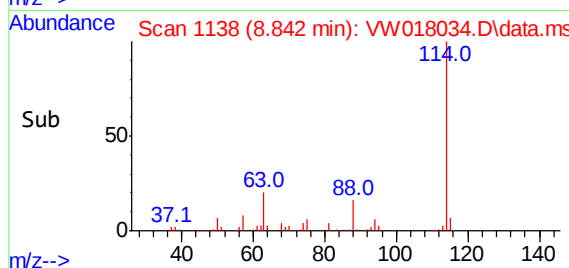
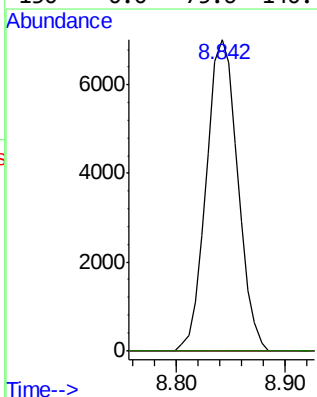
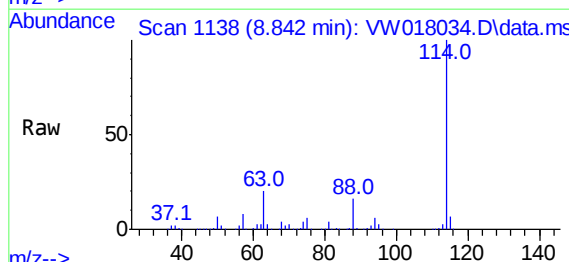
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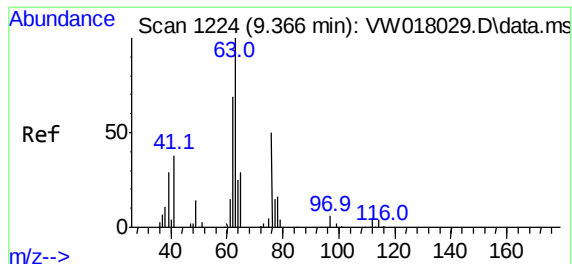
Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
72 3.0 14.4 43.2#



#35
Trichloroethene
Concen: 2.05 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018034.D
Acq: 05 Feb 2021 15:34

Tgt Ion: 95 Resp: 14040
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#

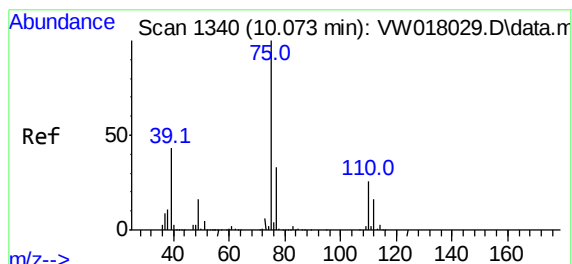
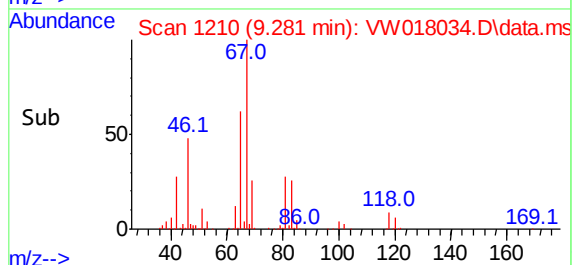
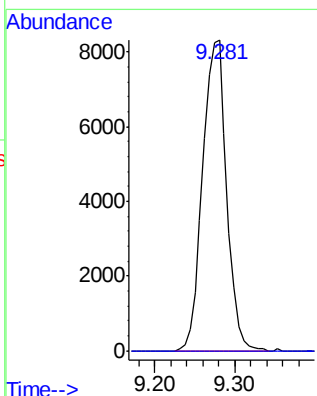
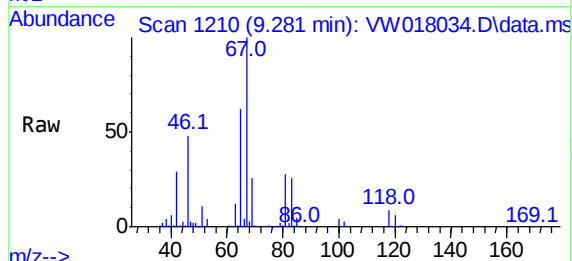




#40
1,2-Dichloropropane
Concen: 3.11 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.085 min
Lab File: VW018034.D
Acq: 05 Feb 2021 15:34

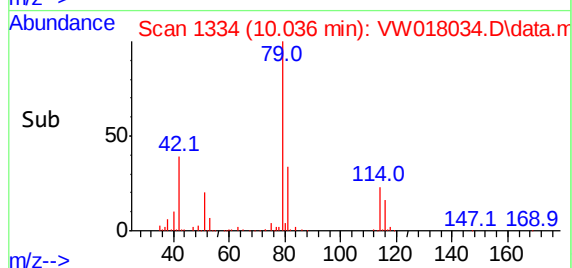
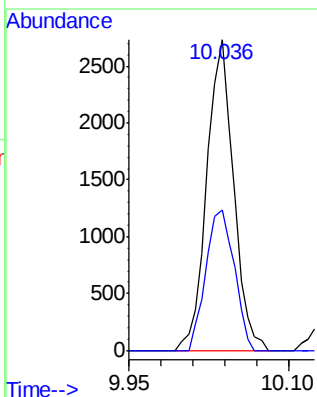
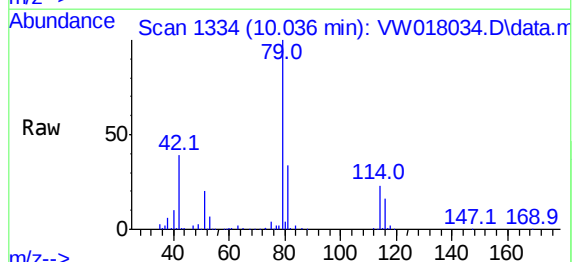
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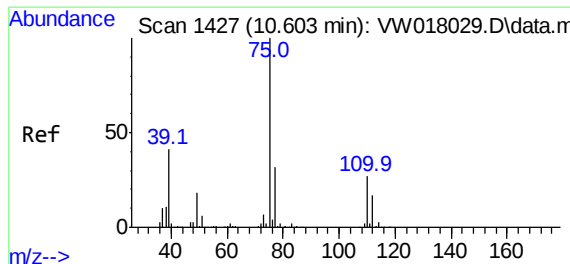
Tgt Ion: 63 Resp: 17337
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.52 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018034.D
Acq: 05 Feb 2021 15:34

Tgt Ion: 75 Resp: 4652
Ion Ratio Lower Upper
75 100
77 45.1 22.7 42.3#





#45
 trans-1,3-Dichloropropene
 Concen: 0.38 ug/L
 RT: 10.573 min Scan# 1422
 Delta R.T. -0.030 min
 Lab File: VW018034.D
 Acq: 05 Feb 2021 15:34

Instrument :
 MSVOA_W
 ClientSampleId :
 BG534

Tgt Ion: 75 Resp: 2948
 Ion Ratio Lower Upper
 75 100
 77 38.2 22.6 42.0

