

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018101.D
 Acq On : 12 Feb 2021 11:36
 Operator : SY/VA
 Sample : M1371-10
 Misc : 7.65G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH20

Quant Time: Feb 12 22:42:42 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)

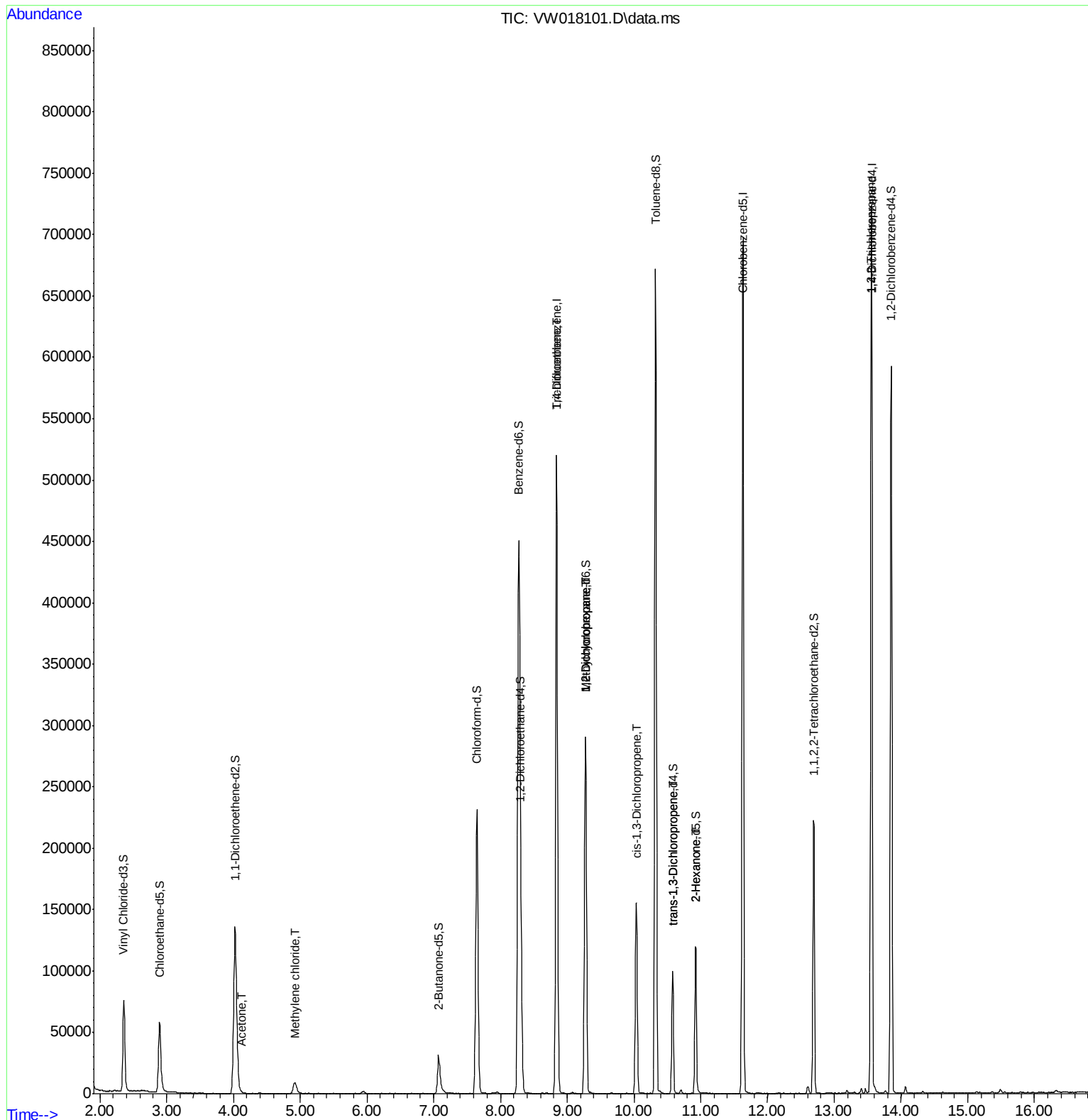
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	462806	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	418963	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	210485	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	94536	16.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.76%		
7) Chloroethane-d5	2.891	69	82363	18.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.16%		
10) 1,1-Dichloroethene-d2	4.025	63	150830	13.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	52.48%		
20) 2-Butanone-d5	7.074	46	51789	33.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.48%		
24) Chloroform-d	7.647	84	249358	20.53	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.12%		
26) 1,2-Dichloroethane-d4	8.305	65	125933	19.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	77.88%		
29) Benzene-d6	8.275	84	491722	21.37	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.48%		
33) 1,2-Dichloropropane-d6	9.274	67	138841	21.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.32%		
37) Toluene-d8	10.323	98	459455	20.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.96%		
38) trans-1,3-Dichloroprop...	10.579	79	57200	19.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.44%		
39) 2-Hexanone-d5	10.921	63	44017	35.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	71.56%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	110107	19.48	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	77.92%		
61) 1,2-Dichlorobenzene-d4	13.853	152	166442	22.17	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.68%		
Target Compounds						
13) Acetone	4.117	43	373	0.33	ug/L	82
16) Methylene chloride	4.928	84	8630	1.16	ug/L	93
35) Trichloroethene	8.842	95	13515	1.96	ug/L #	3
36) Methylcyclohexane	9.274	83	36424	3.14	ug/L #	19
40) 1,2-Dichloropropane	9.274	63	15811	2.81	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	4055	0.45	ug/L #	75
45) trans-1,3-Dichloropropene	10.579	75	2567	0.33	ug/L #	81
49) 2-Hexanone	10.921	43	4888	2.01	ug/L #	59
59) 1,2,3-Trichloropropane	13.554	75	20844	4.85	ug/L	99

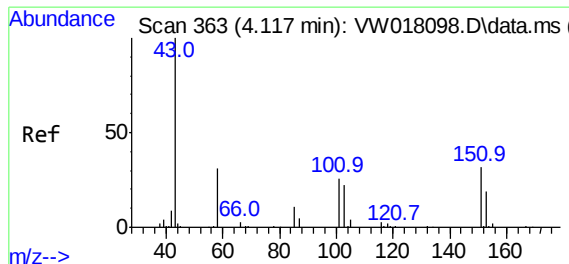
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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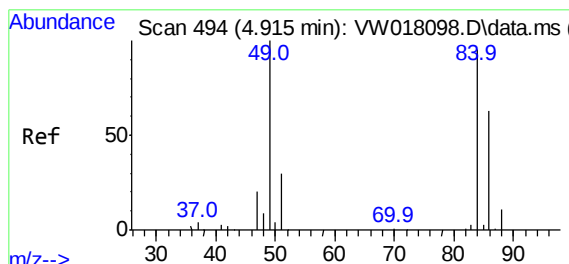
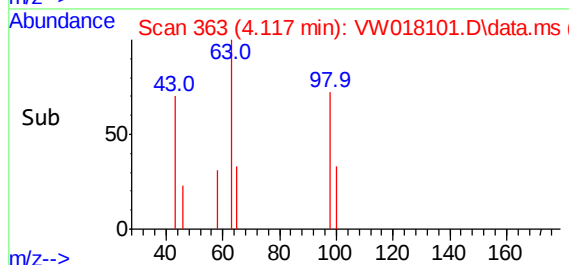
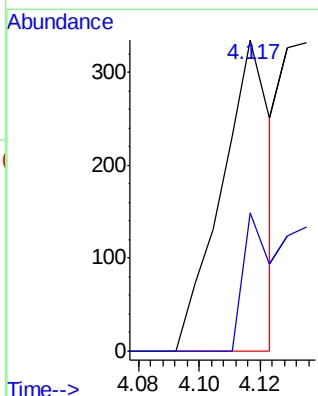
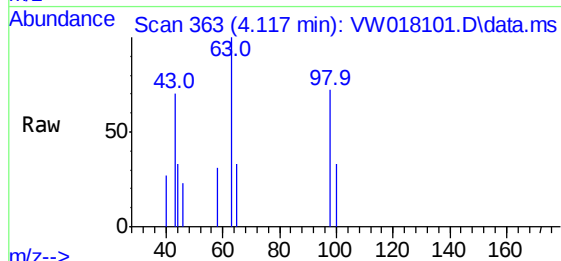




#13
Acetone
Concen: 0.33 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018101.D
Acq: 12 Feb 2021 11:36

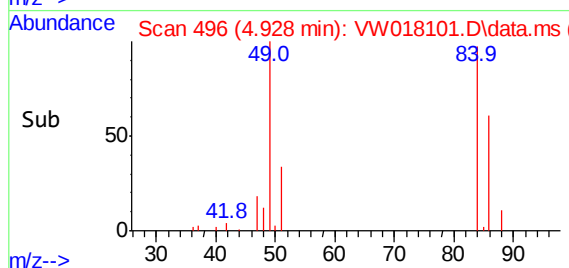
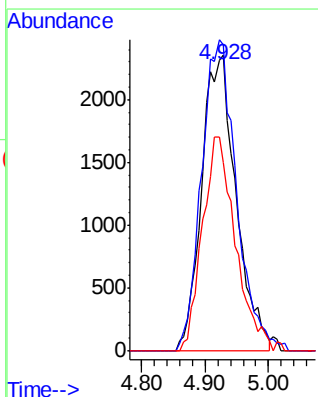
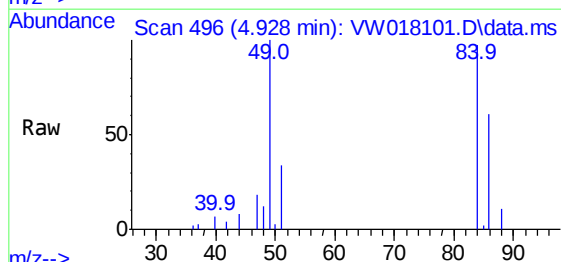
Instrument :
MSVOA_W
ClientSampled :
DBH20

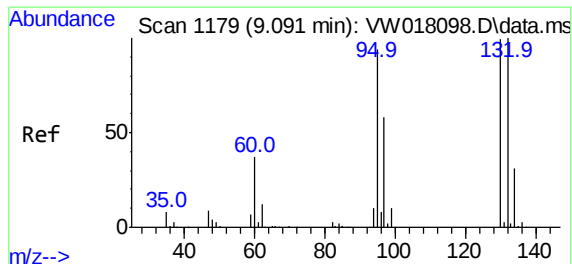
Tgt Ion: 43 Resp: 373
Ion Ratio Lower Upper
43 100
58 23.6 0.0 68.4



#16
Methylene chloride
Concen: 1.16 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018101.D
Acq: 12 Feb 2021 11:36

Tgt Ion: 84 Resp: 8630
Ion Ratio Lower Upper
84 100
49 103.5 81.2 150.8
86 63.5 44.5 82.7

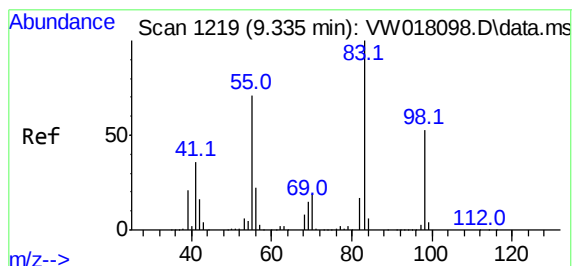
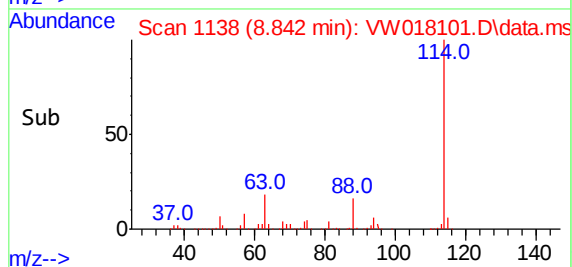
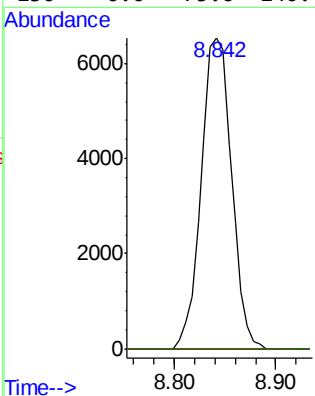
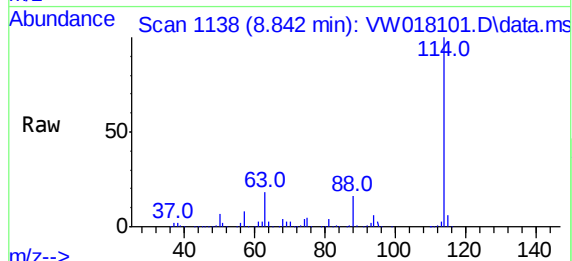




#35
Trichloroethene
Concen: 1.96 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018101.D
Acq: 12 Feb 2021 11:36

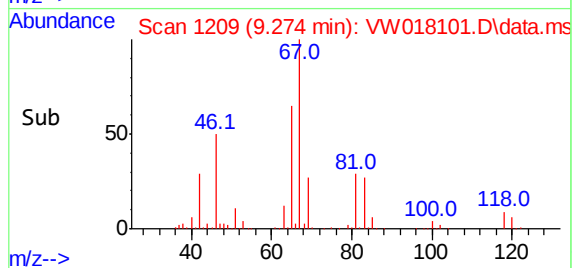
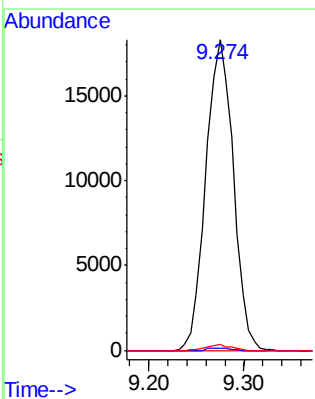
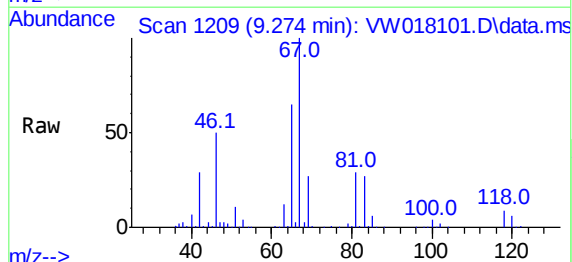
Instrument :
MSVOA_W
ClientSampleId :
DBH20

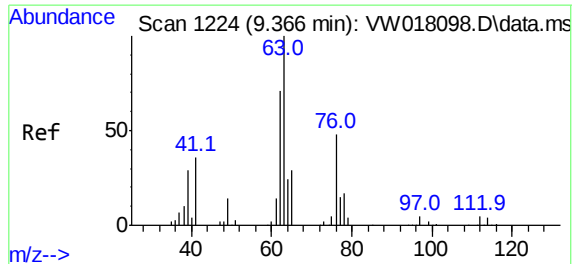
Tgt Ion:	95	Resp:	13515
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#



#36
Methylcyclohexane
Concen: 3.14 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018101.D
Acq: 12 Feb 2021 11:36

Tgt Ion:	83	Resp:	36424
Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.4	89.0#
98	1.7	40.7	61.1#

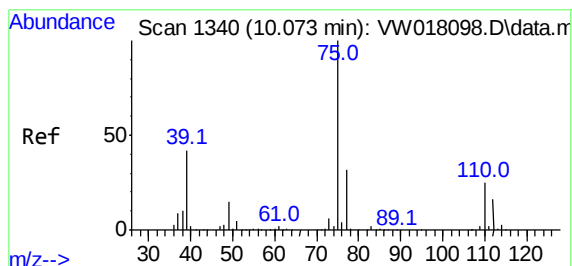
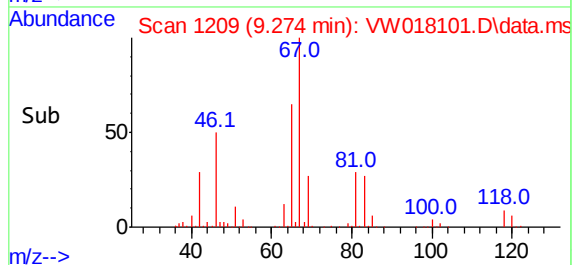
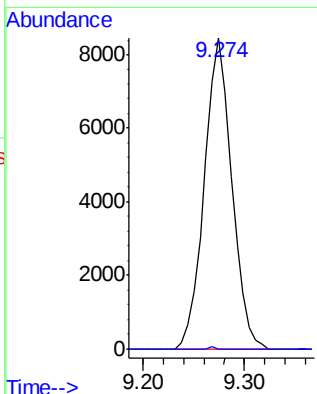
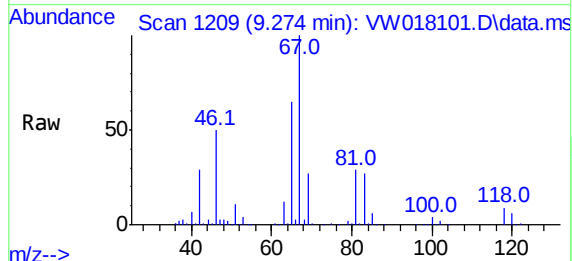




#40
1,2-Dichloropropane
Concen: 2.81 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018101.D
Acq: 12 Feb 2021 11:36

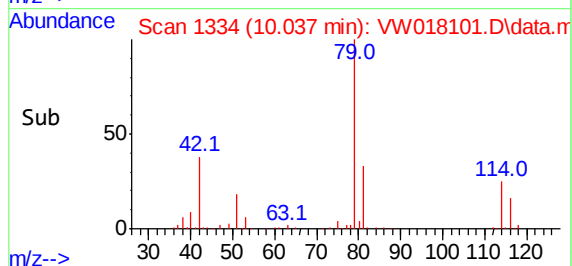
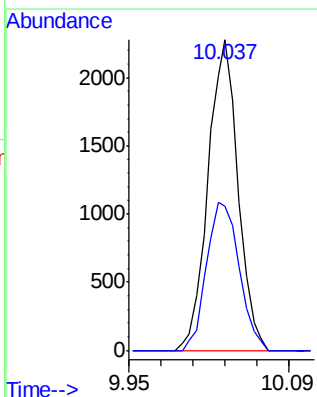
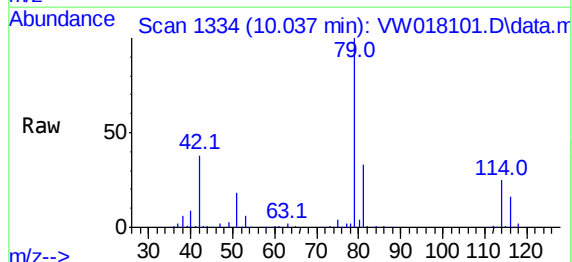
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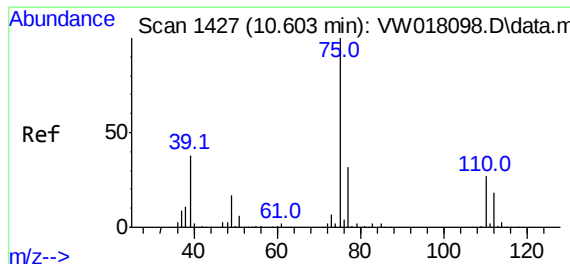
Tgt Ion: 63 Resp: 15811
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018101.D
Acq: 12 Feb 2021 11:36

Tgt Ion: 75 Resp: 4055
Ion Ratio Lower Upper
75 100
77 46.6 22.7 42.3#

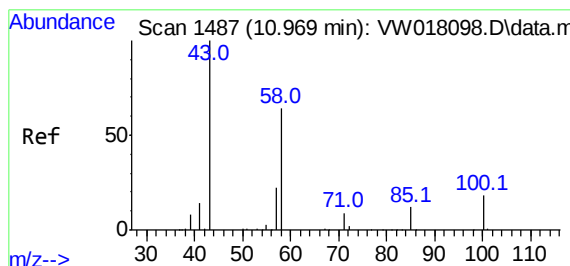
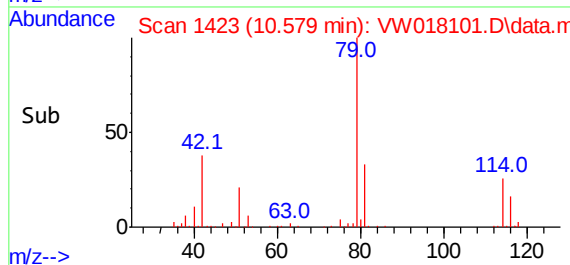
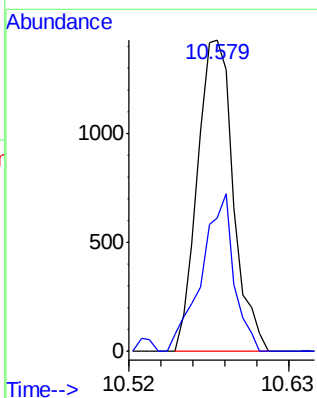
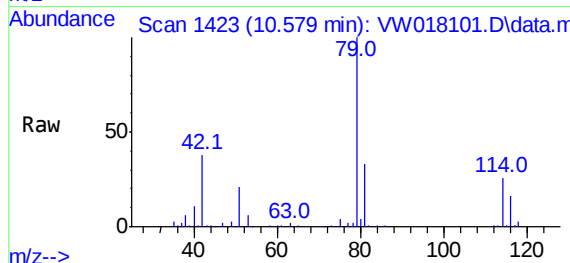




#45
trans-1,3-Dichloropropene
Concen: 0.33 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018101.D
Acq: 12 Feb 2021 11:36

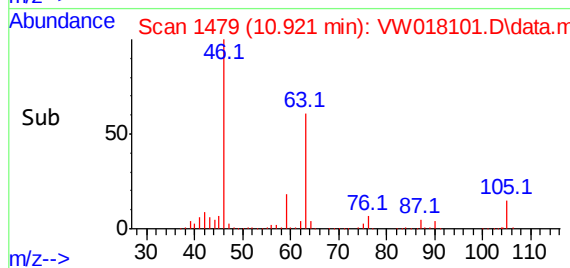
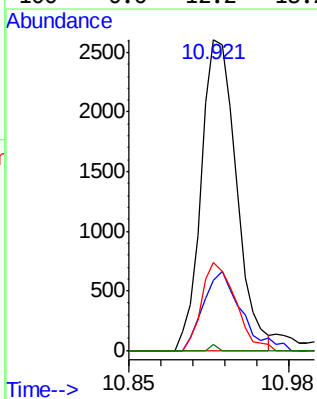
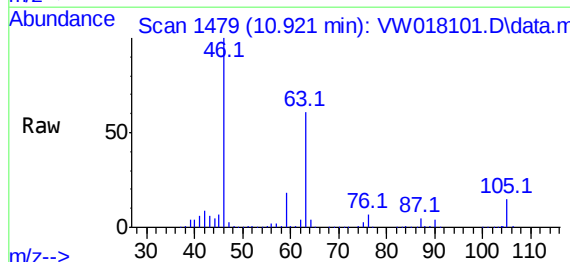
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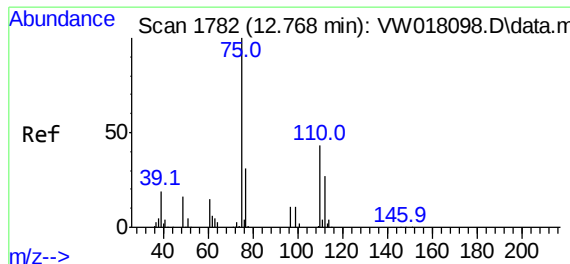
Tgt Ion: 75 Resp: 2567
Ion Ratio Lower Upper
75 100
77 42.8 22.6 42.0#



#49
2-Hexanone
Concen: 2.01 ug/L
RT: 10.921 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW018101.D
Acq: 12 Feb 2021 11:36

Tgt Ion: 43 Resp: 4888
Ion Ratio Lower Upper
43 100
58 25.9 51.3 76.9#
57 27.4 15.0 22.6#
100 0.0 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 4.85 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW018101.D
 Acq: 12 Feb 2021 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion: 75 Resp: 20844
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.6 39.8

