

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018170.D
 Acq On : 16 Feb 2021 18:15
 Operator : SY/VA
 Sample : M1414-13
 Misc : 7.30G/10ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ5

Quant Time: Feb 17 01:08:29 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)

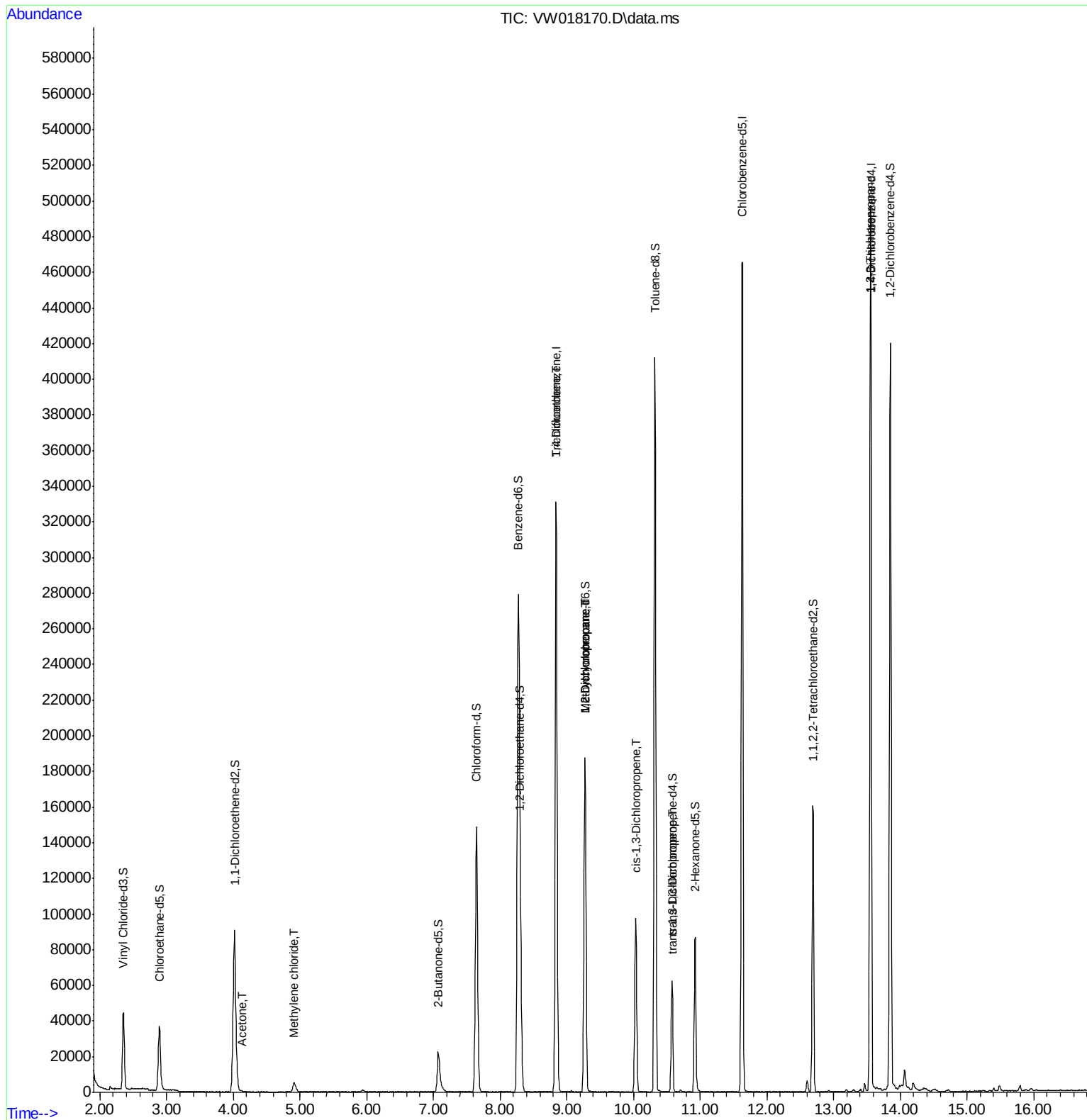
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	303209	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	281769	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	143199	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	49594	13.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	52.64%		
7) Chloroethane-d5	2.891	69	47361	15.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.36%		
10) 1,1-Dichloroethene-d2	4.019	63	90948	12.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	48.28%		
20) 2-Butanone-d5	7.073	46	37022	36.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.64%		
24) Chloroform-d	7.646	84	155919	19.60	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.40%		
26) 1,2-Dichloroethane-d4	8.305	65	82984	19.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.32%		
29) Benzene-d6	8.274	84	299141	19.33	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	77.32%		
33) 1,2-Dichloropropane-d6	9.274	67	88585	20.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.88%		
37) Toluene-d8	10.323	98	279147	18.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.84%		
38) trans-1,3-Dichloroprop...	10.579	79	36322	18.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	74.08%		
39) 2-Hexanone-d5	10.926	63	31702	38.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.64%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	79005	20.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.16%		
61) 1,2-Dichlorobenzene-d4	13.853	152	117796	23.06	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.24%		
Target Compounds						
13) Acetone	4.129	43	746	1.00	ug/L	68
16) Methylene chloride	4.915	84	4491	0.92	ug/L	86
35) Trichloroethene	8.841	95	8951	1.93	ug/L #	3
36) Methylcyclohexane	9.274	83	23227	2.98	ug/L #	19
40) 1,2-Dichloropropane	9.274	63	9765	2.58	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	2497	0.41	ug/L #	41
45) trans-1,3-Dichloropropene	10.585	75	1575	0.30	ug/L #	77
59) 1,2,3-Trichloropropane	13.554	75	14187	4.91	ug/L	98

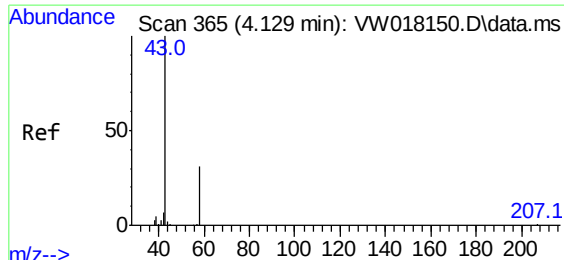
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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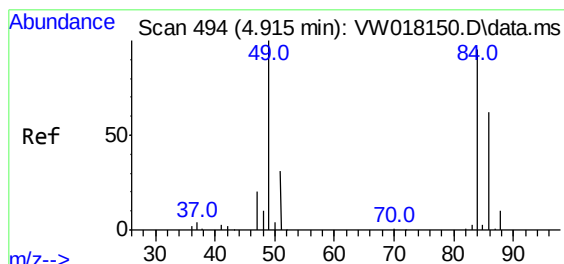
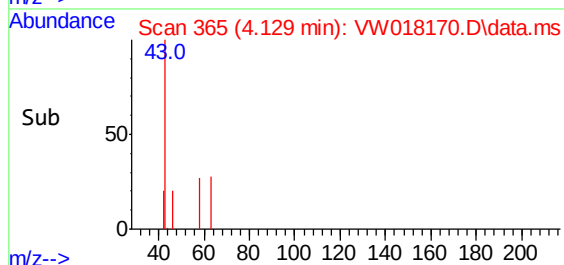
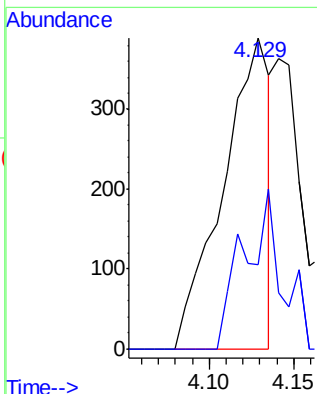
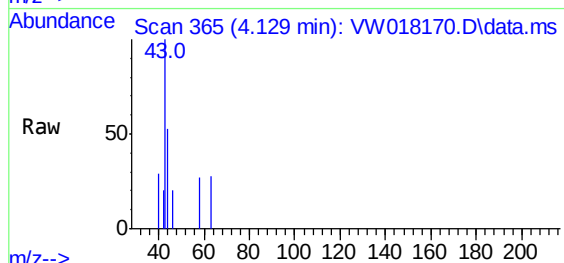




#13
Acetone
Concen: 1.00 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW018170.D
Acq: 16 Feb 2021 18:15

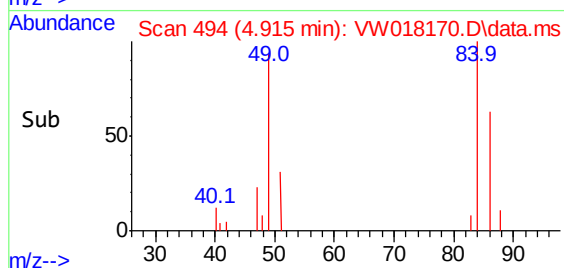
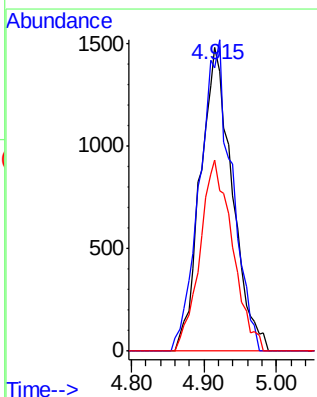
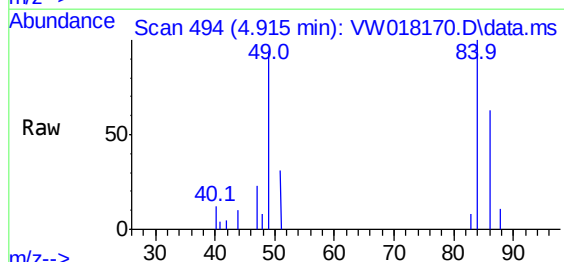
Instrument :
MSVOA_W
ClientSampled :
DBGZ5

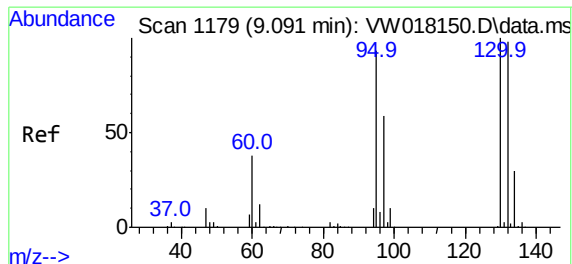
Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
58 15.8 0.0 68.4



#16
Methylene chloride
Concen: 0.92 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018170.D
Acq: 16 Feb 2021 18:15

Tgt Ion: 84 Resp: 4491
Ion Ratio Lower Upper
84 100
49 93.2 81.2 150.8
86 62.8 44.5 82.7



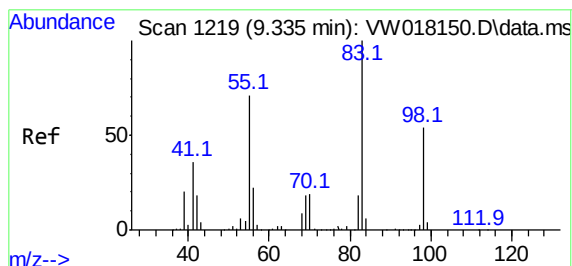
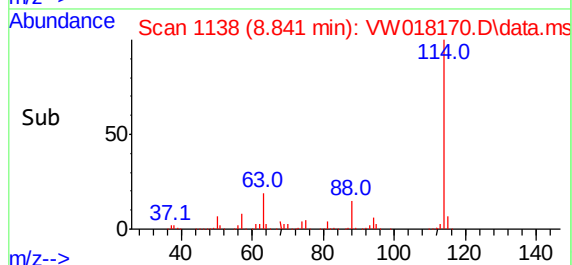
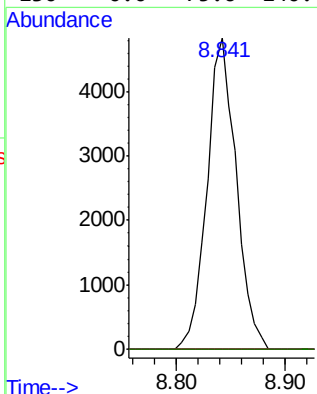
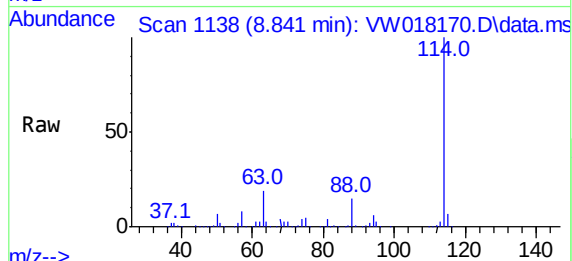


#35
Trichloroethene
Concen: 1.93 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018170.D
Acq: 16 Feb 2021 18:15

Instrument :
MSVOA_W
ClientSampled :
DBGZ5

Tgt Ion: 95 Resp: 8951

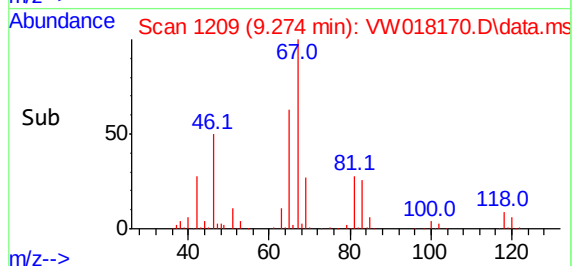
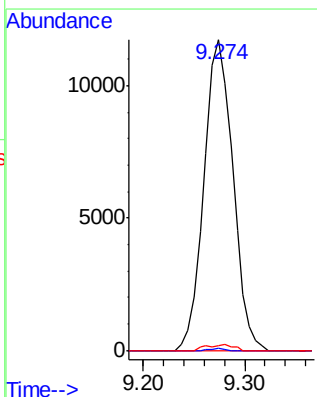
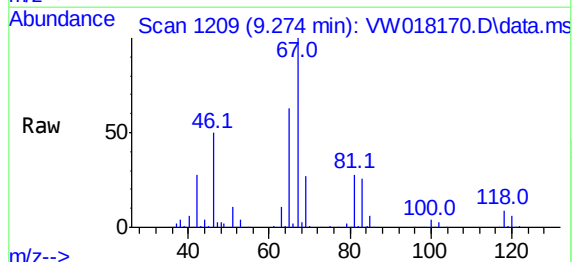
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#

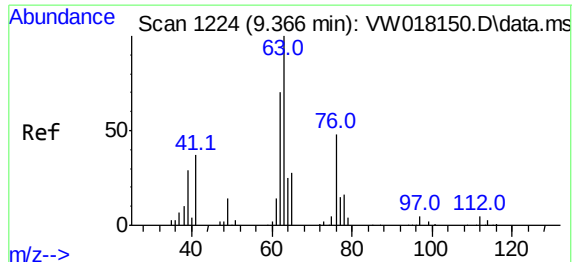


#36
Methylcyclohexane
Concen: 2.98 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018170.D
Acq: 16 Feb 2021 18:15

Tgt Ion: 83 Resp: 23227

Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.4	89.0#
98	1.1	40.7	61.1#

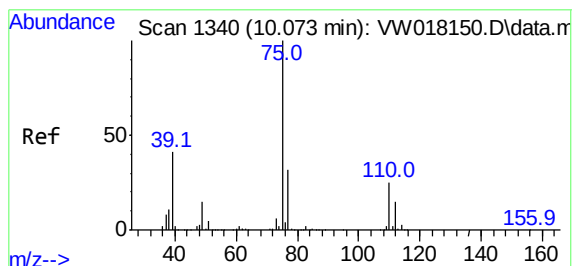
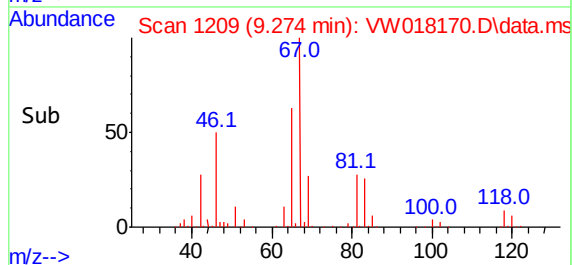
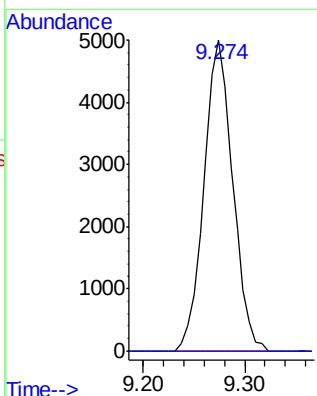
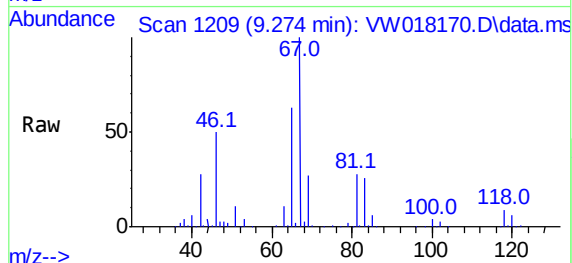




#40
1,2-Dichloropropane
Concen: 2.58 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018170.D
Acq: 16 Feb 2021 18:15

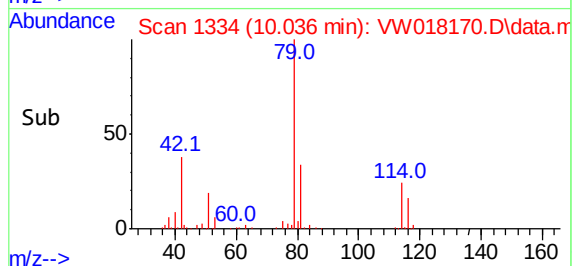
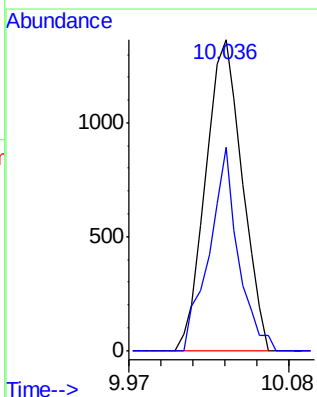
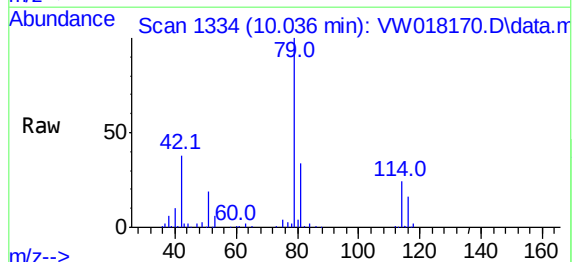
Instrument :
MSVOA_W
ClientSampled :
DBGZ5

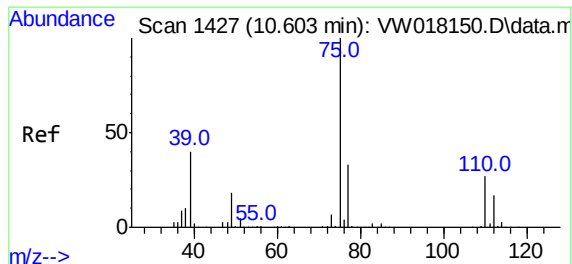
Tgt Ion: 63 Resp: 9765
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.41 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018170.D
Acq: 16 Feb 2021 18:15

Tgt Ion: 75 Resp: 2497
Ion Ratio Lower Upper
75 100
77 65.6 22.7 42.3#

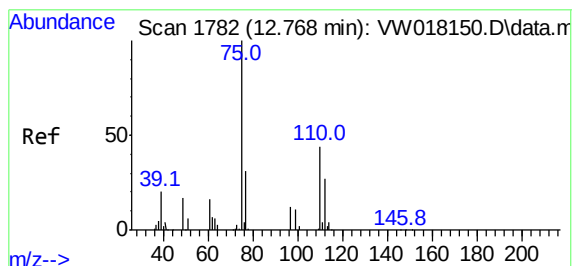
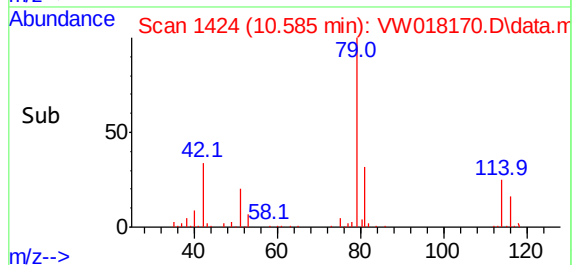
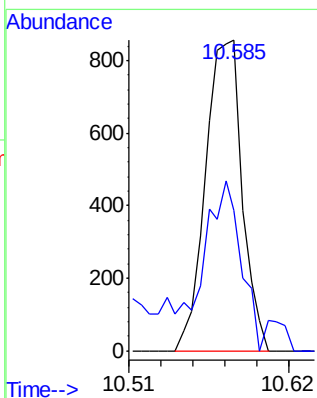
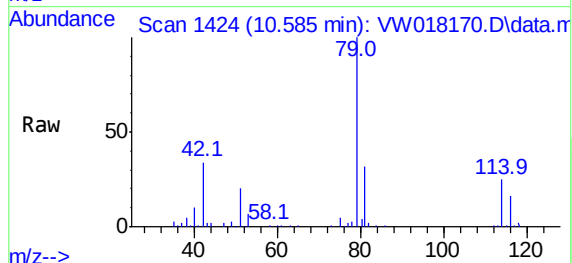




#45
trans-1,3-Dichloropropene
Concen: 0.30 ug/L
RT: 10.585 min Scan# 1424
Delta R.T. -0.019 min
Lab File: VW018170.D
Acq: 16 Feb 2021 18:15

Instrument :
MSVOA_W
ClientSampleId :
DBGZ5

Tgt Ion: 75 Resp: 1575
Ion Ratio Lower Upper
75 100
77 45.1 22.6 42.0#



#59
1,2,3-Trichloropropane
Concen: 4.91 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018170.D
Acq: 16 Feb 2021 18:15

Tgt Ion: 75 Resp: 14187
Ion Ratio Lower Upper
75 100
77 34.3 26.6 39.8

