

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
 Data File : VW018070.D
 Acq On : 10 Feb 2021 18:21
 Operator : SY/VA
 Sample : M1371-04
 Misc : 6.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:59:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 11 00:57:43 2021
 Response via : Initial Calibration

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

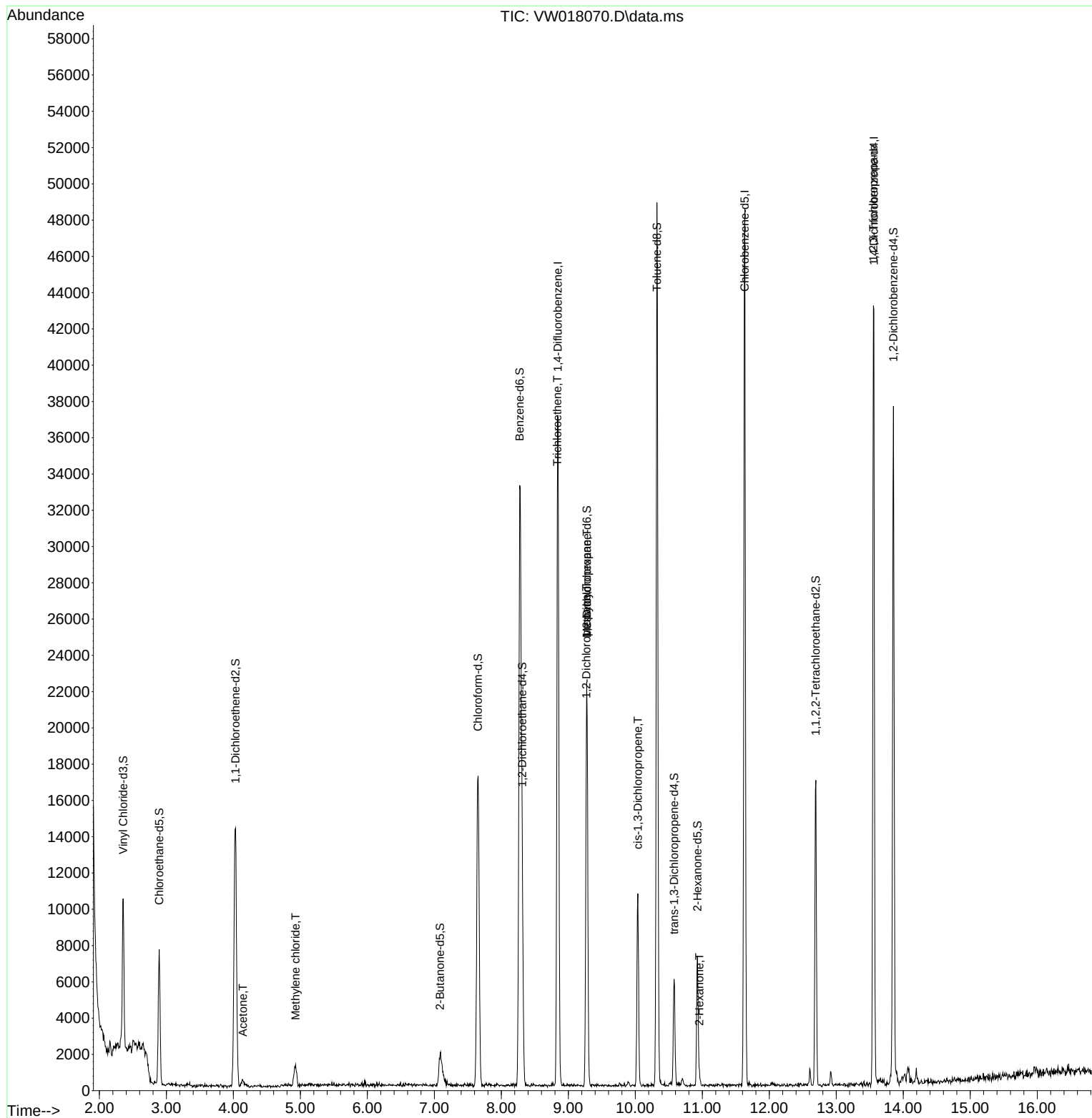
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	33552	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	29029	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	12844	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	8095	19.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.64%		
7) Chloroethane-d5	2.891	69	8028	24.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.04%		
10) 1,1-Dichloroethene-d2	4.031	63	13670	16.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	65.60%		
20) 2-Butanone-d5	7.086	46	3569	32.07	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.14%		
24) Chloroform-d	7.653	84	19496	22.14	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.56%		
26) 1,2-Dichloroethane-d4	8.311	65	9716	20.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.88%		
29) Benzene-d6	8.275	84	36214	22.72	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.88%		
33) 1,2-Dichloropropane-d6	9.274	67	10563	23.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.76%		
37) Toluene-d8	10.323	98	32783	21.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.48%		
38) trans-1,3-Dichloroprop...	10.579	79	3756	18.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	74.36%		
39) 2-Hexanone-d5	10.927	63	2772	32.52	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.04%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	8461	21.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.44%		
61) 1,2-Dichlorobenzene-d4	13.853	152	10701	23.36	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.44%		
Target Compounds					Qvalue	
13) Acetone	4.141	43	720	8.75	ug/L	46
16) Methylene chloride	4.928	84	957	1.78	ug/L	85
35) Trichloroethene	8.835	95	996	2.08	ug/L #	3
36) Methylcyclohexane	9.274	83	2803	3.49	ug/L #	18
40) 1,2-Dichloropropane	9.268	63	1209	3.11	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	224	0.36	ug/L #	69
49) 2-Hexanone	10.957	43	100	0.59	ug/L #	33
59) 1,2,3-Trichloropropane	13.554	75	1287	4.32	ug/L	95

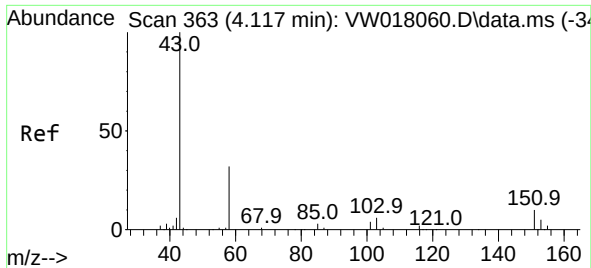
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Feb 11 00:57:43 2021
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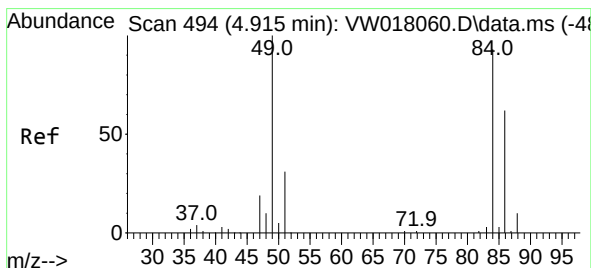
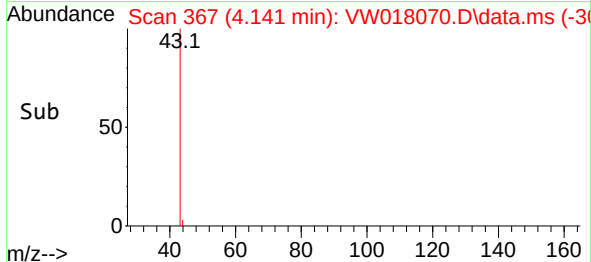
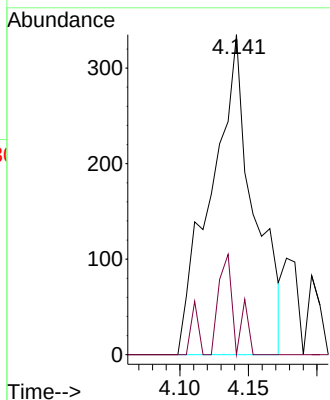
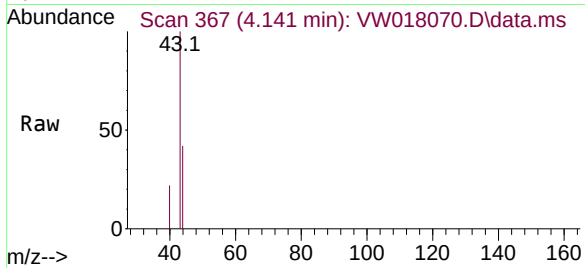




#13
Acetone
Concen: 8.75 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.024 min
Lab File: VW018070.D
Acq: 10 Feb 2021 18:21

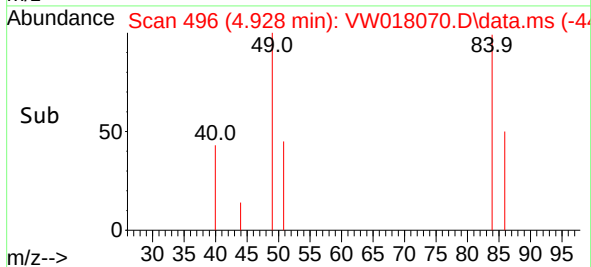
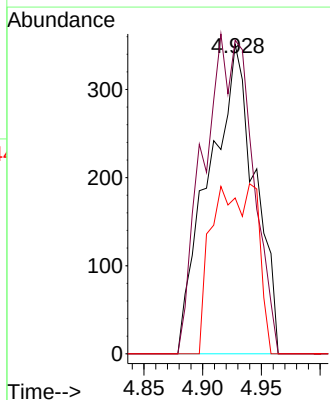
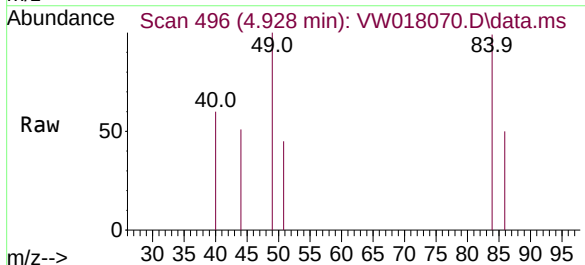
Instrument :
MSVOA_W
ClientSampled :

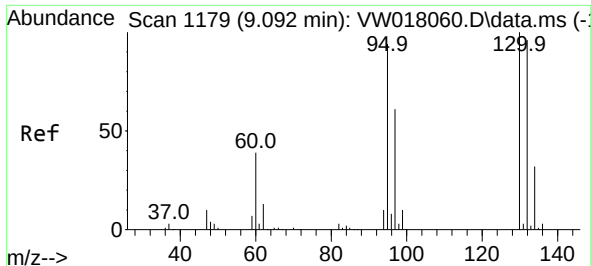
Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
58 2.9 0.0 68.4



#16
Methylene chloride
Concen: 1.78 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018070.D
Acq: 10 Feb 2021 18:21

Tgt Ion: 84 Resp: 957
Ion Ratio Lower Upper
84 100
49 101.4 81.2 150.8
86 50.4 44.5 82.7

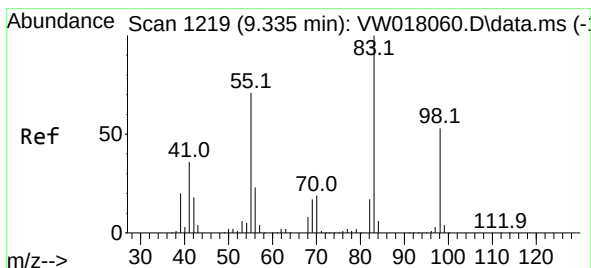
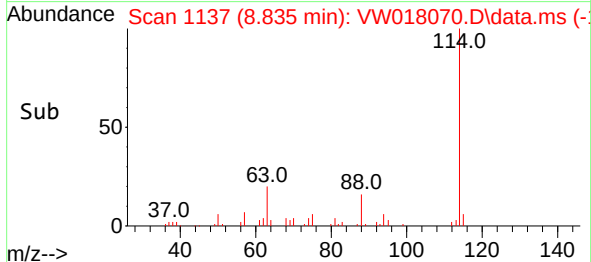
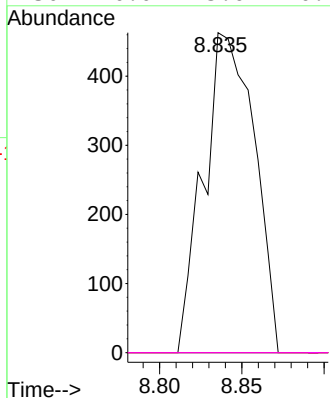
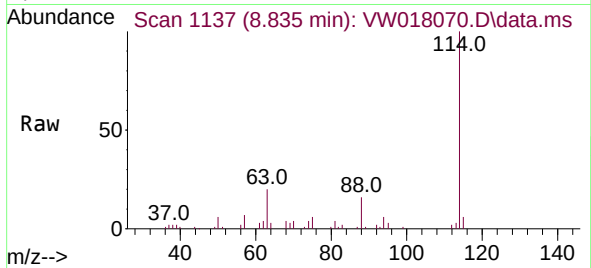




#35
Trichloroethene
Concen: 2.08 ug/L
RT: 8.835 min Scan# 1137
Delta R.T. -0.256 min
Lab File: VW018070.D
Acq: 10 Feb 2021 18:21

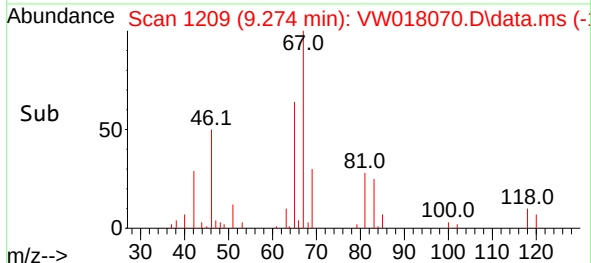
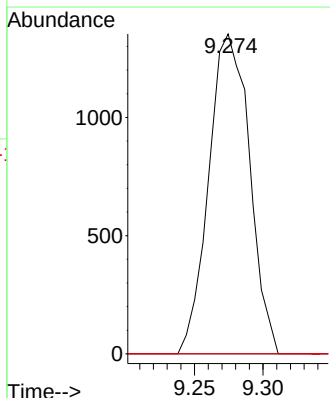
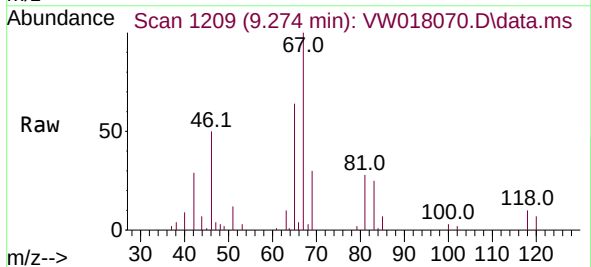
Instrument :
MSVOA_W
ClientSampled :

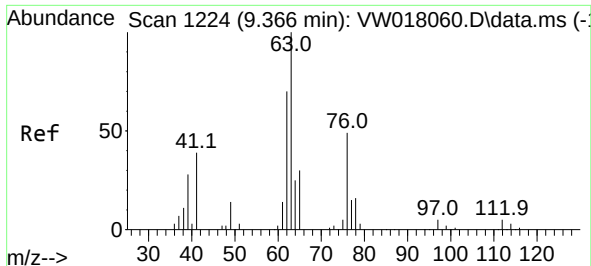
Tgt Ion:	95	Resp:	996
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#



#36
Methylcyclohexane
Concen: 3.49 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018070.D
Acq: 10 Feb 2021 18:21

Tgt Ion:	83	Resp:	2803
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	0.0	40.7	61.1#

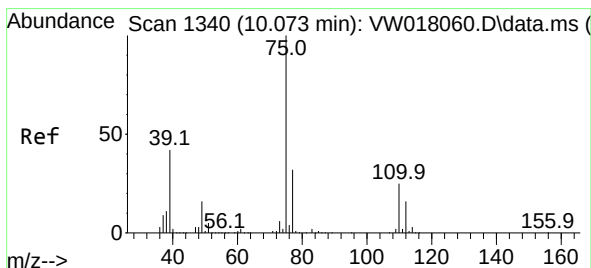
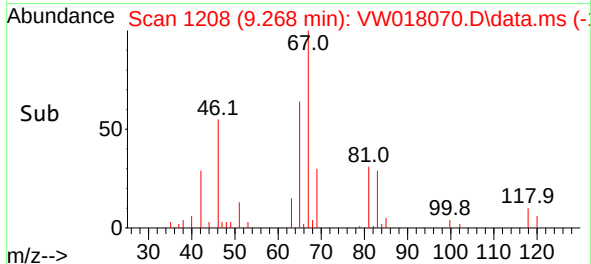
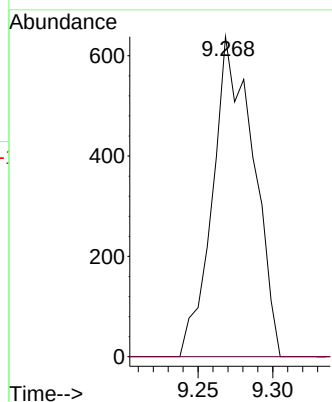
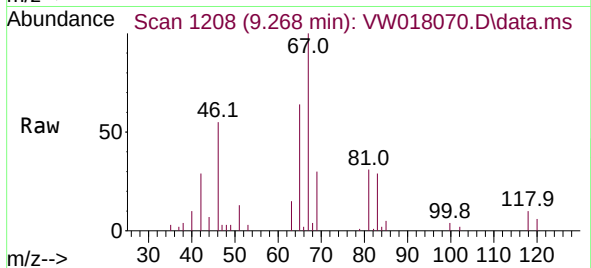




#40
1,2-Dichloropropane
Concen: 3.11 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.098 min
Lab File: VW018070.D
Acq: 10 Feb 2021 18:21

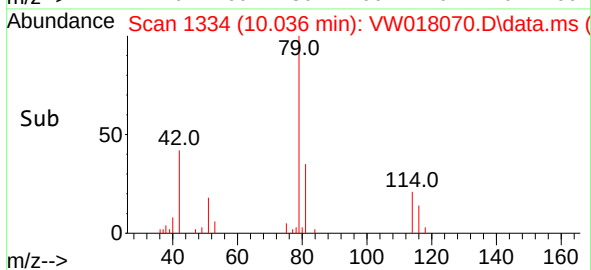
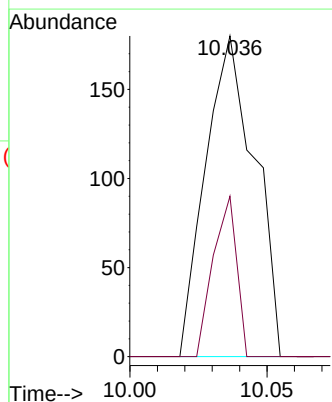
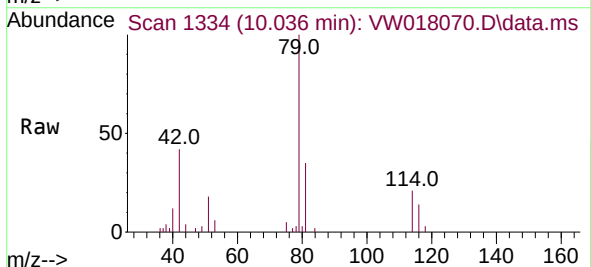
Instrument :
MSVOA_W
ClientSampled :

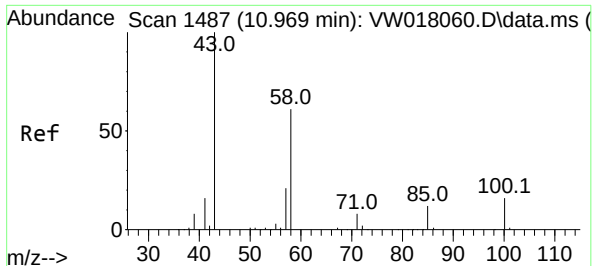
Tgt Ion: 63 Resp: 1209
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.36 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018070.D
Acq: 10 Feb 2021 18:21

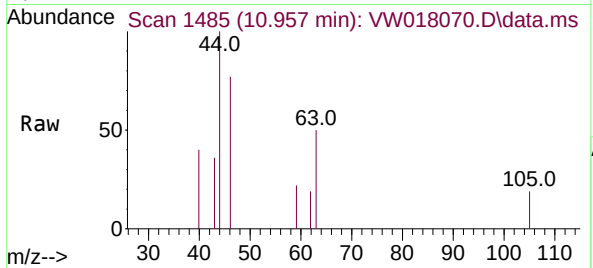
Tgt Ion: 75 Resp: 224
Ion Ratio Lower Upper
75 100
77 50.0 22.7 42.3#



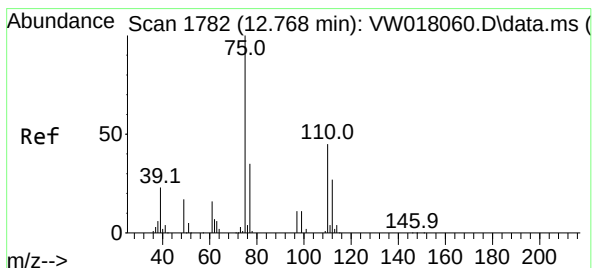
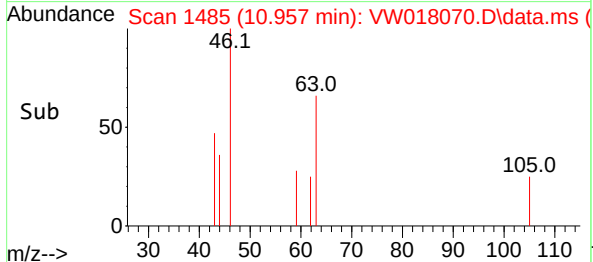
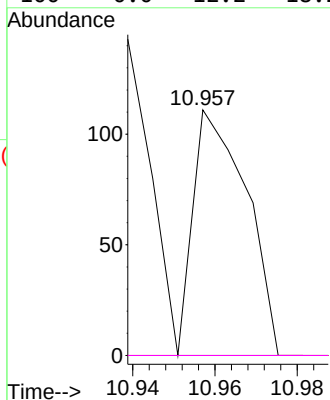


#49
2-Hexanone
Concen: 0.59 ug/L
RT: 10.957 min Scan# 1485
Delta R.T. -0.012 min
Lab File: VW018070.D
Acq: 10 Feb 2021 18:21

Instrument :
MSVOA_W
ClientSampled :



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



#59
1,2,3-Trichloropropane
Concen: 4.32 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018070.D
Acq: 10 Feb 2021 18:21

Tgt Ion: 75	Resp:	1287
Ion Ratio	Lower	Upper
75	100	
77	36.3	26.6 39.8

