

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
 Data File : VW018064.D
 Acq On : 10 Feb 2021 15:57
 Operator : SY/VA
 Sample : M1371-07
 Misc : 6.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:58:33 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)

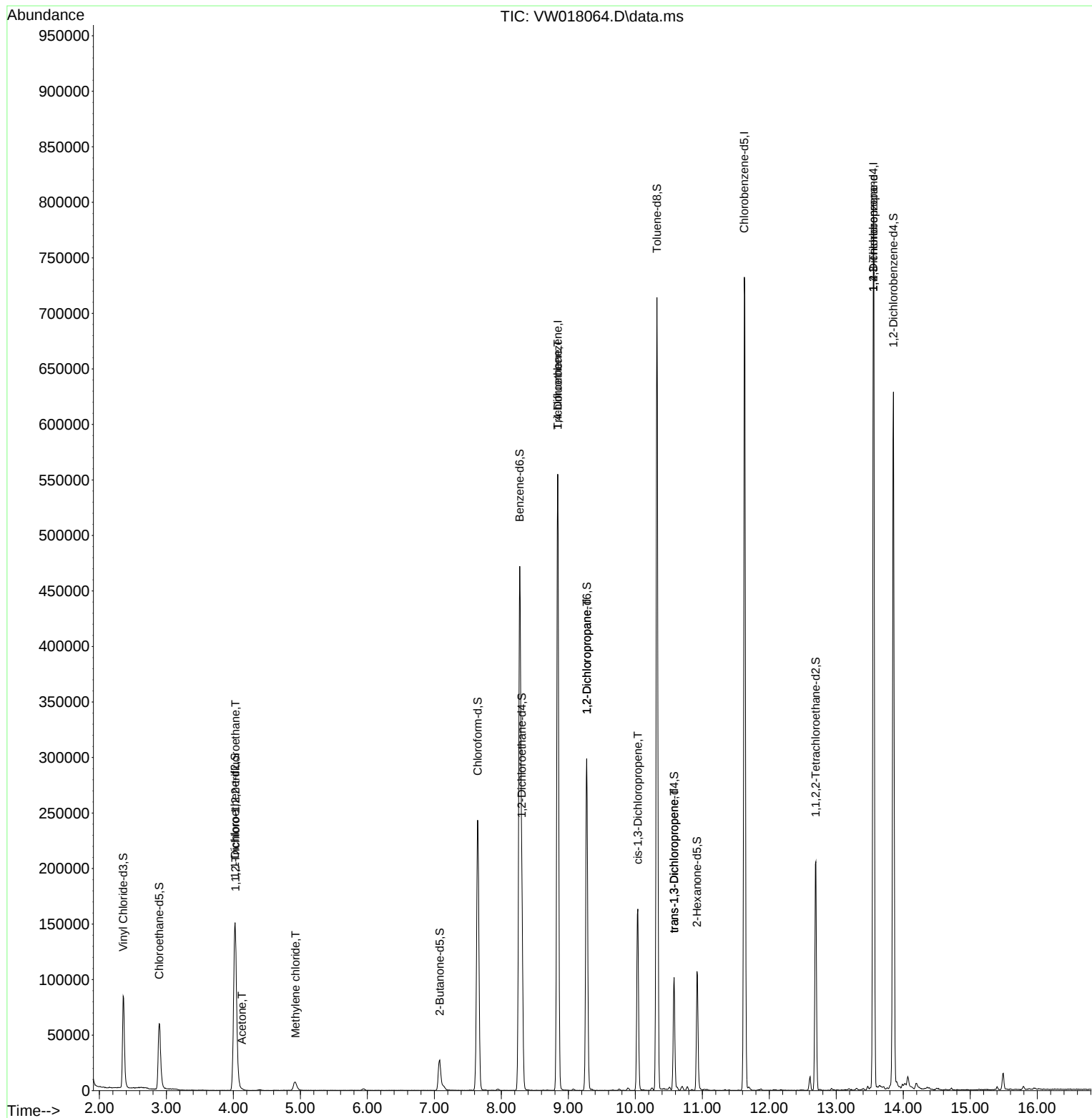
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	493788	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	437832	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	224464	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	104306	17.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.00%			
7) Chloroethane-d5	2.891	69	88156	18.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.40%			
10) 1,1-Dichloroethene-d2	4.025	63	166939	13.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 54.44%			
20) 2-Butanone-d5	7.080	46	46219	28.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 56.44%			
24) Chloroform-d	7.647	84	255190	19.69	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 78.76%			
26) 1,2-Dichloroethane-d4	8.305	65	124952	18.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 72.40%			
29) Benzene-d6	8.275	84	510186	21.22	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.88%			
33) 1,2-Dichloropropane-d6	9.274	67	141071	20.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.92%			
37) Toluene-d8	10.323	98	486912	21.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.16%			
38) trans-1,3-Dichloroprop...	10.579	79	57738	18.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.76%			
39) 2-Hexanone-d5	10.921	63	39123	30.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 60.86%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	102238	17.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 69.24%			
61) 1,2-Dichlorobenzene-d4	13.853	152	173649	21.69	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.76%			
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-...	4.032	101	1960	0.28	ug/L #	35
13) Acetone	4.129	43	1350	1.11	ug/L	62
16) Methylene chloride	4.928	84	7416	0.94	ug/L	89
35) Trichloroethene	8.842	95	14859	2.06	ug/L #	3
40) 1,2-Dichloropropane	9.274	63	15946	2.72	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	4093	0.43	ug/L #	62
45) trans-1,3-Dichloropropene	10.579	75	2421	0.29	ug/L #	66
59) 1,2,3-Trichloropropane	13.554	75	22548	5.02	ug/L	96

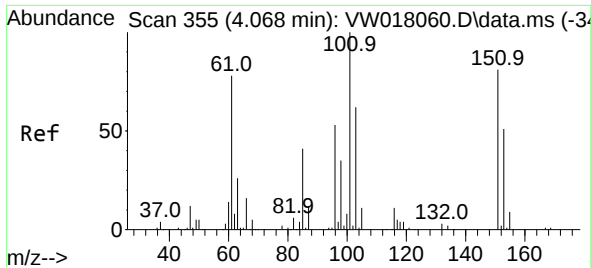
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Feb 11 00:57:43 2021
Response via : Initial Calibration

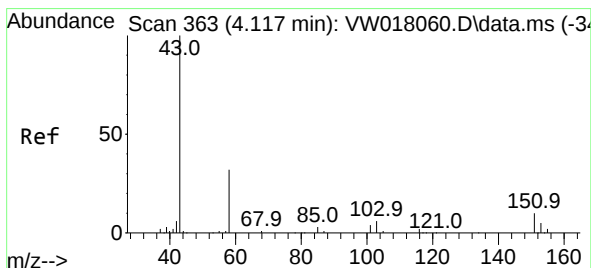
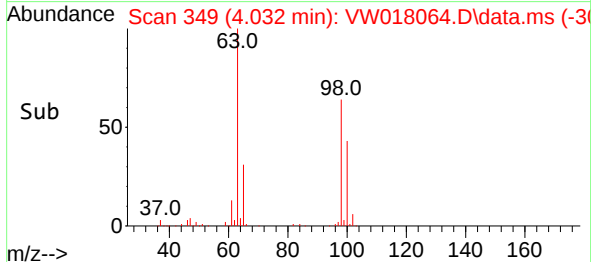
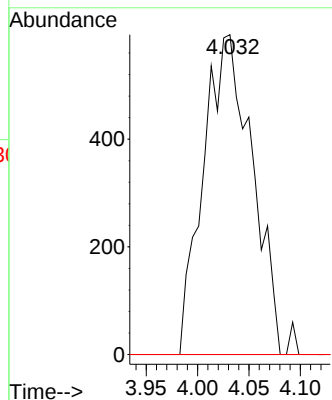
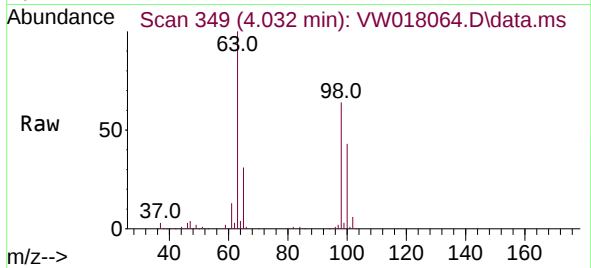




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.28 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.037 min
 Lab File: VW018064.D
 Acq: 10 Feb 2021 15:57

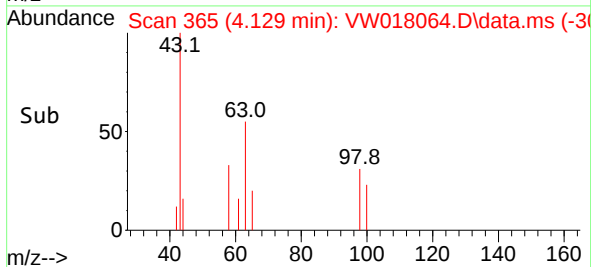
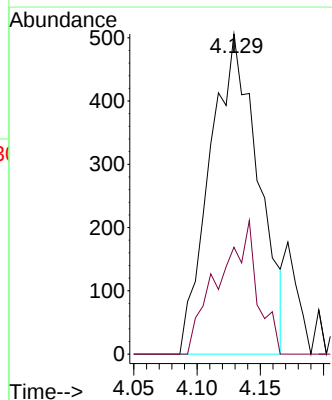
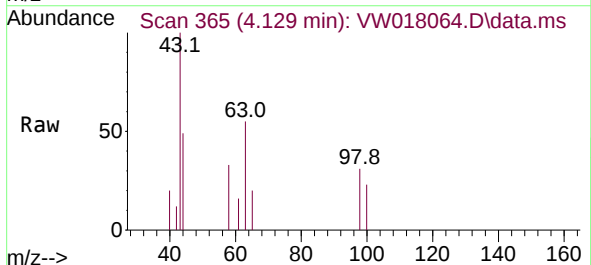
Instrument :
 MSVOA_W
 ClientSampleId :

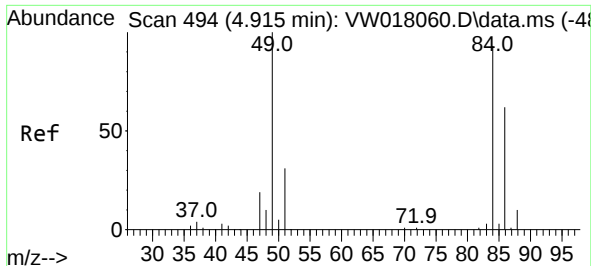
Tgt Ion:101 Resp: 1960
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.4#
 151 0.0 30.4 45.6#



#13
 Acetone
 Concen: 1.11 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.012 min
 Lab File: VW018064.D
 Acq: 10 Feb 2021 15:57

Tgt Ion: 43 Resp: 1350
 Ion Ratio Lower Upper
 43 100
 58 12.2 0.0 68.4

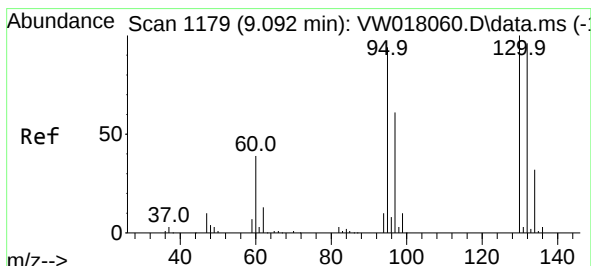
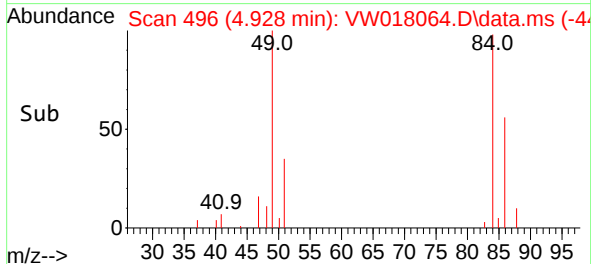
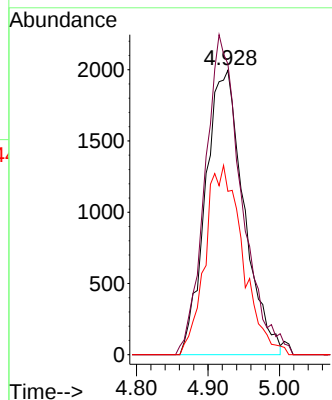
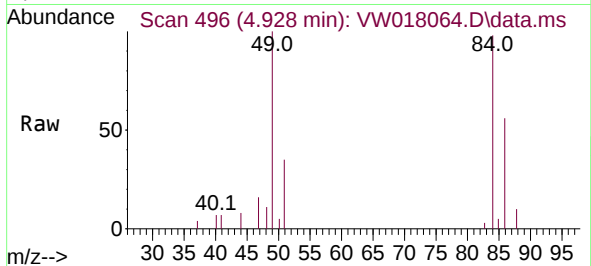




#16
Methylene chloride
Concen: 0.94 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018064.D
Acq: 10 Feb 2021 15:57

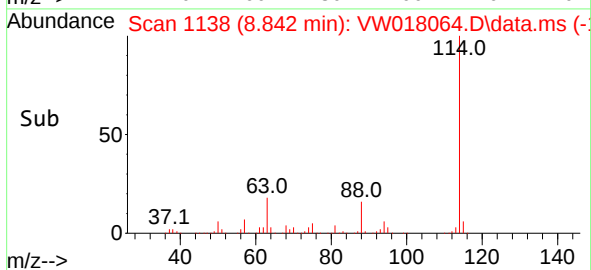
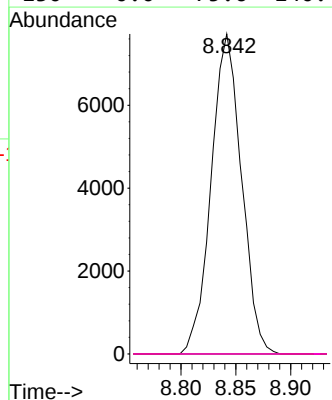
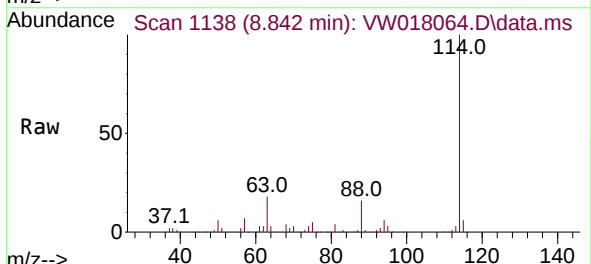
Instrument :
MSVOA_W
ClientSampled :

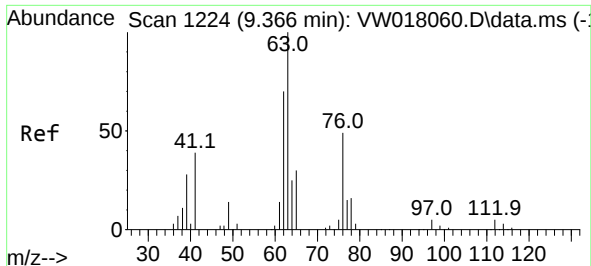
Tgt Ion:	84	Resp:	7416
Ion	Ratio	Lower	Upper
84	100		
49	102.3	81.2	150.8
86	57.5	44.5	82.7



#35
Trichloroethene
Concen: 2.06 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018064.D
Acq: 10 Feb 2021 15:57

Tgt Ion:	95	Resp:	14859
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#

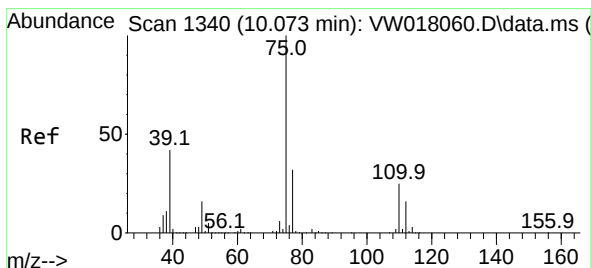
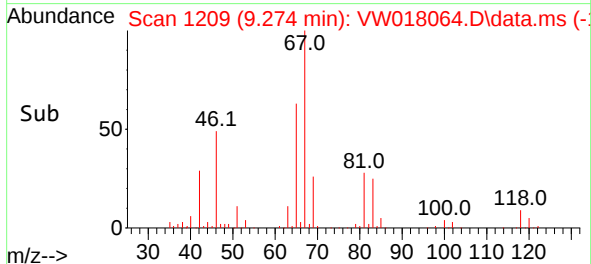
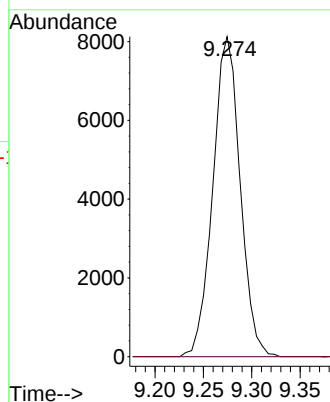
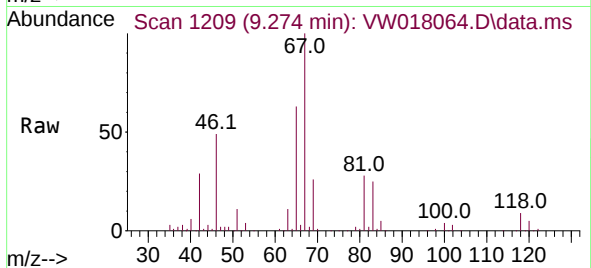




#40
1,2-Dichloropropane
Concen: 2.72 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018064.D
Acq: 10 Feb 2021 15:57

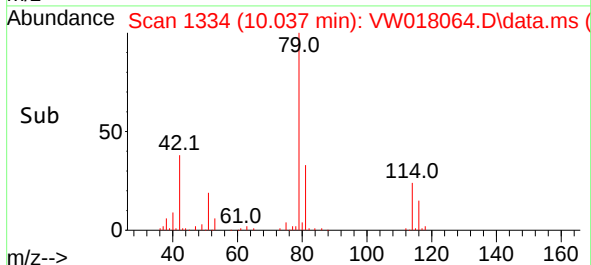
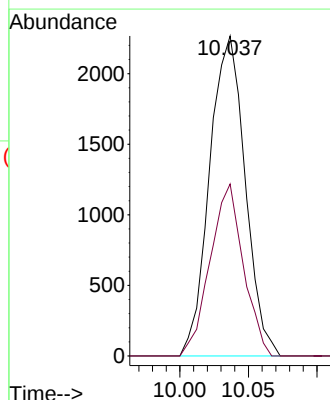
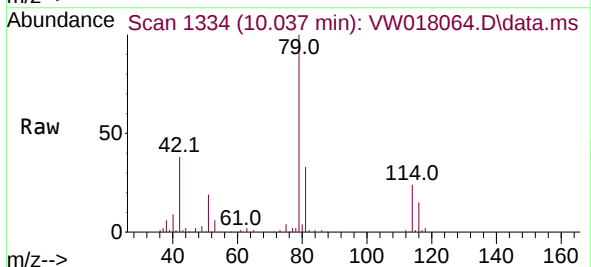
Instrument :
MSVOA_W
ClientSampled :

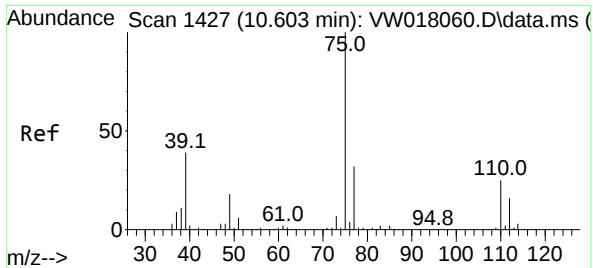
Tgt Ion: 63 Resp: 15946
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.43 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018064.D
Acq: 10 Feb 2021 15:57

Tgt Ion: 75 Resp: 4093
Ion Ratio Lower Upper
75 100
77 53.8 22.7 42.3#

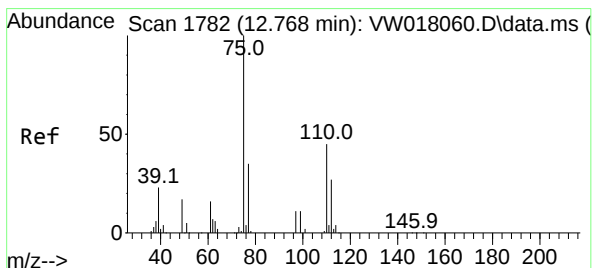
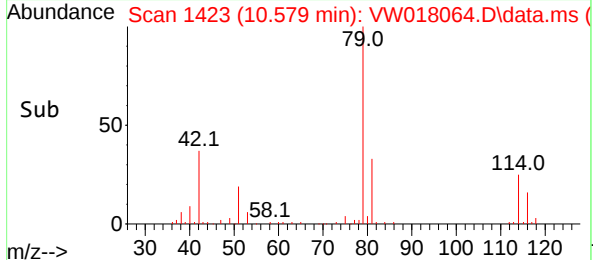
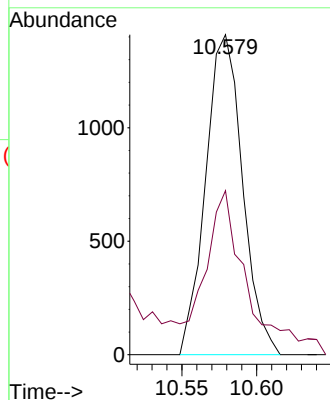
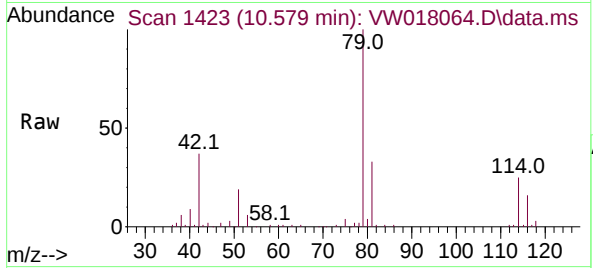




#45
trans-1,3-Dichloropropene
Concen: 0.29 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018064.D
Acq: 10 Feb 2021 15:57

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 2421
Ion Ratio Lower Upper
75 100
77 51.3 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: VW018064.D
Acq: 10 Feb 2021 15:57

Tgt Ion: 75 Resp: 22548
Ion Ratio Lower Upper
75 100
77 35.4 26.6 39.8

