

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018188.D
 Acq On : 17 Feb 2021 15:48
 Operator : SY/VA
 Sample : M1414-05RE
 Misc : 6.74G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 06:17:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

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

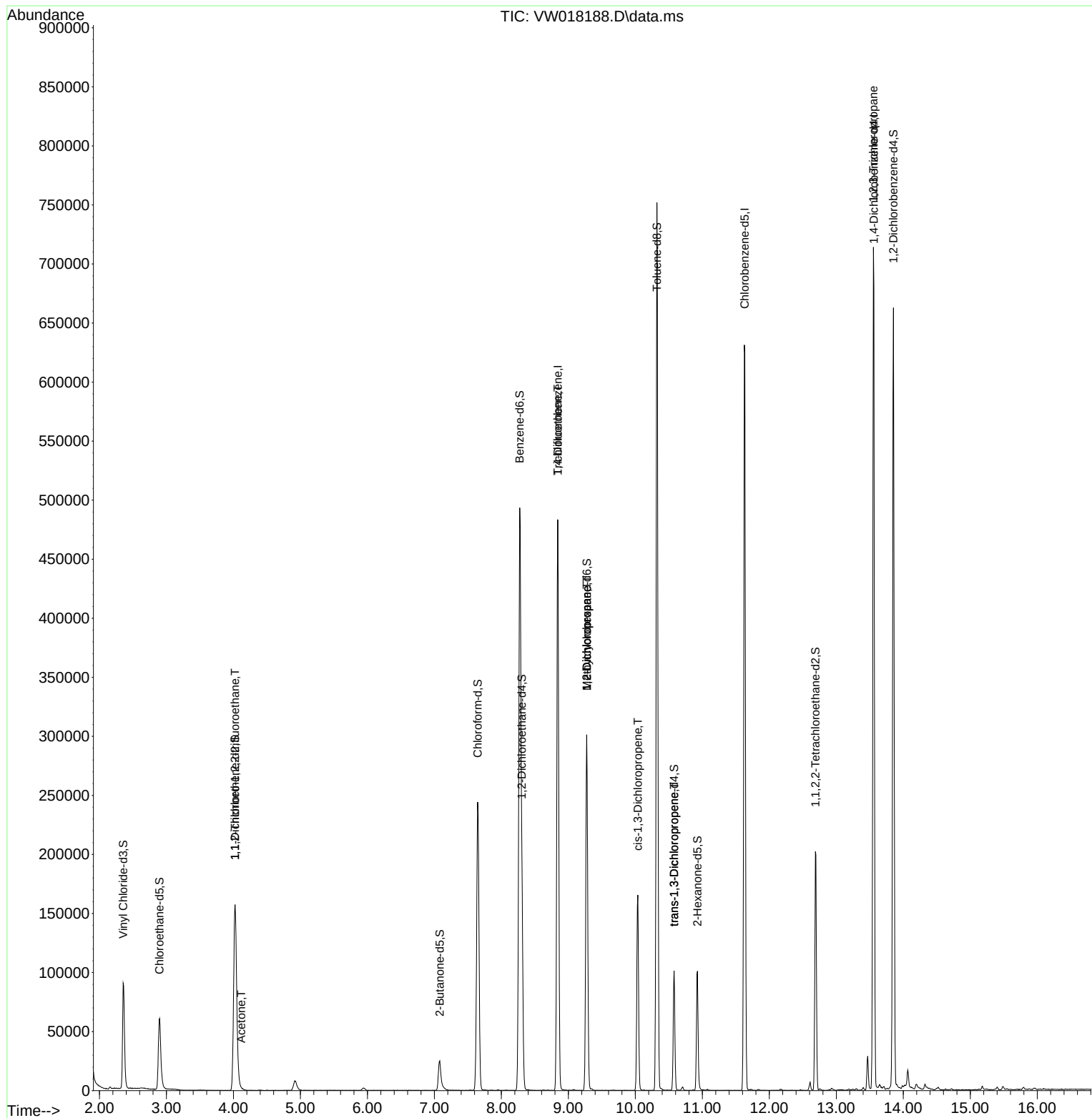
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	429070	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	390304	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	203466	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	112152	21.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.12%		
7) Chloroethane-d5	2.897	69	89586	21.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.68%		
10) 1,1-Dichloroethene-d2	4.025	63	175603	16.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	65.88%		
20) 2-Butanone-d5	7.079	46	41171	28.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	57.86%		
24) Chloroform-d	7.646	84	259198	23.02	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.08%		
26) 1,2-Dichloroethane-d4	8.305	65	123041	20.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.08%		
29) Benzene-d6	8.274	84	533576	24.90	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.60%		
33) 1,2-Dichloropropane-d6	9.274	67	141750	23.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.60%		
37) Toluene-d8	10.323	98	514493	25.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.92%		
38) trans-1,3-Dichloroprop...	10.579	79	57969	21.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.32%		
39) 2-Hexanone-d5	10.926	63	36841	32.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.30%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	98489	18.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	74.84%		
61) 1,2-Dichlorobenzene-d4	13.853	152	182712	25.17	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.68%		
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-...	4.025	101	1962	0.32	ug/L #	35
13) Acetone	4.117	43	610	0.58	ug/L	74
35) Trichloroethene	8.841	95	12510	1.95	ug/L #	3
36) Methylcyclohexane	9.274	83	37166	3.44	ug/L #	20
40) 1,2-Dichloropropane	9.274	63	15668	2.99	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	4149	0.49	ug/L	84
45) trans-1,3-Dichloropropene	10.579	75	2501	0.34	ug/L	88
59) 1,2,3-Trichloropropane	13.554	75	19767	4.94	ug/L	96

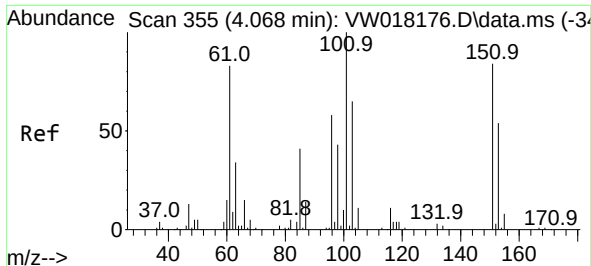
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 18 06:15:22 2021
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.32 ug/L

RT: 4.025 min Scan# 348

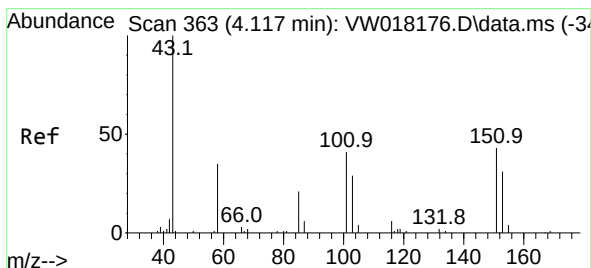
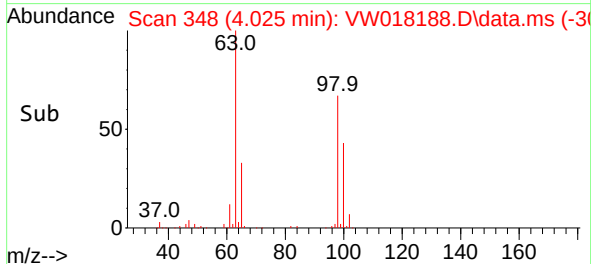
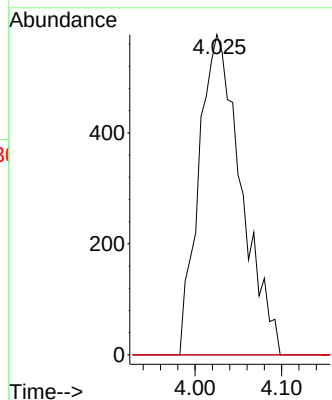
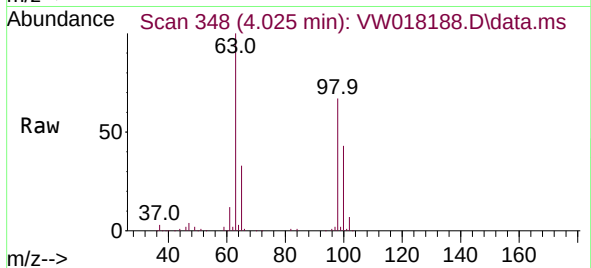
Delta R.T. -0.043 min

Lab File: VW018188.D

Acq: 17 Feb 2021 15:48

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:101	Resp:	1962
Ion Ratio	Lower	Upper
101	100	
85	0.0	34.2 51.4#
151	0.0	30.4 45.6#



#13

Acetone

Concen: 0.58 ug/L

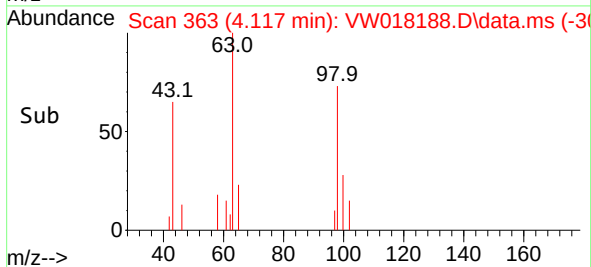
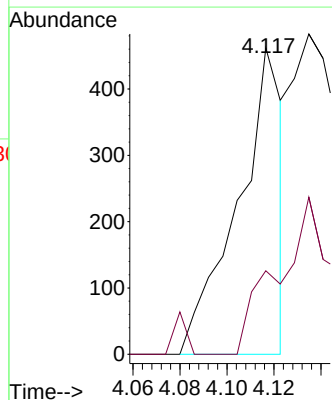
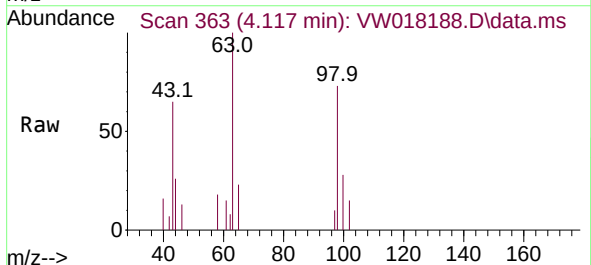
RT: 4.117 min Scan# 363

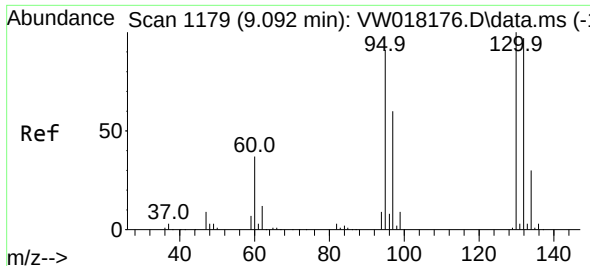
Delta R.T. -0.000 min

Lab File: VW018188.D

Acq: 17 Feb 2021 15:48

Tgt Ion: 43	Resp:	610
Ion Ratio	Lower	Upper
43	100	
58	19.5	0.0 68.4

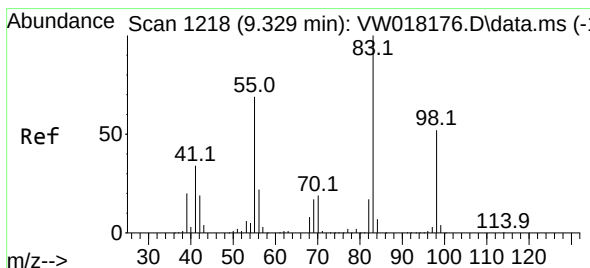
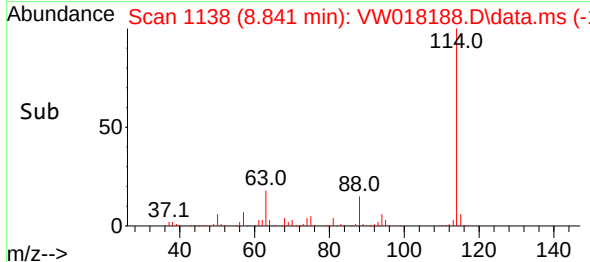
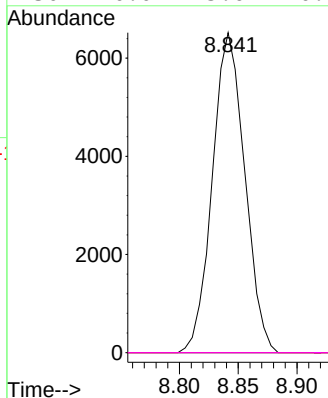
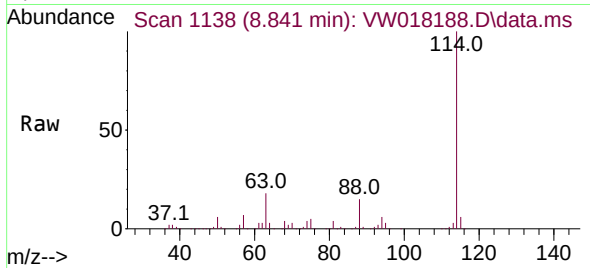




#35
Trichloroethene
Concen: 1.95 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018188.D
Acq: 17 Feb 2021 15:48

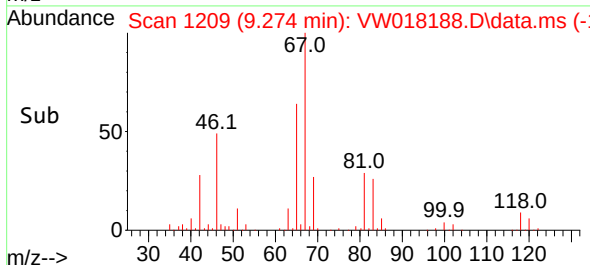
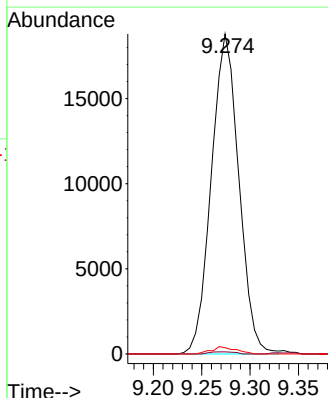
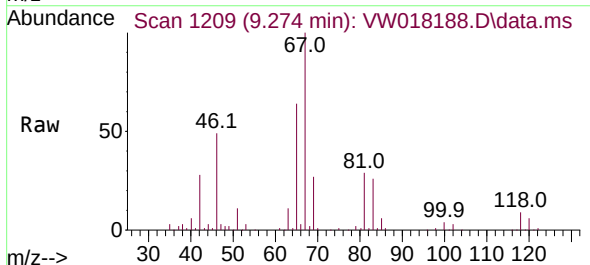
Instrument :
MSVOA_W
ClientSampleId :

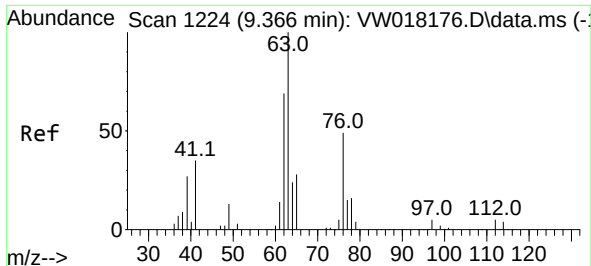
Tgt Ion:	95	Resp:	12510
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#



#36
Methylcyclohexane
Concen: 3.44 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.055 min
Lab File: VW018188.D
Acq: 17 Feb 2021 15:48

Tgt Ion:	83	Resp:	37166
Ion	Ratio	Lower	Upper
83	100		
55	0.6	59.4	89.0#
98	2.0	40.7	61.1#

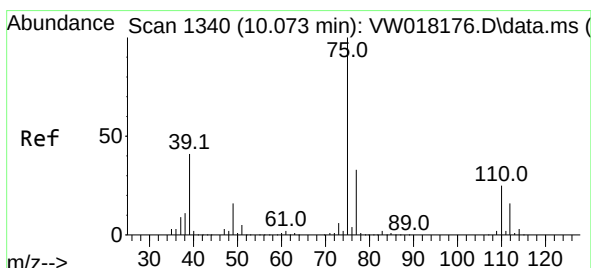
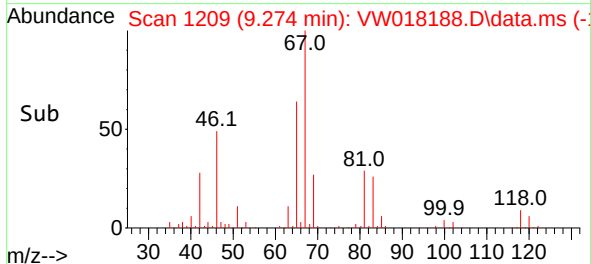
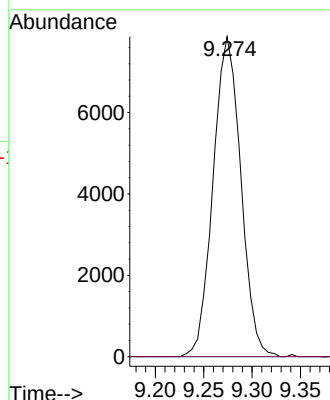
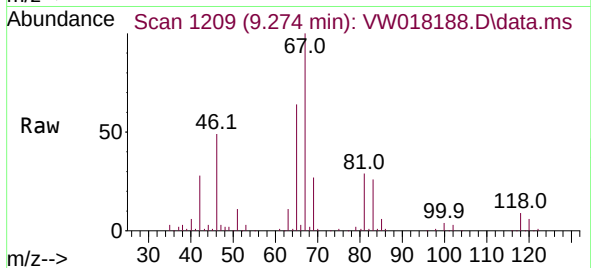




#40
1,2-Dichloropropane
Concen: 2.99 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018188.D
Acq: 17 Feb 2021 15:48

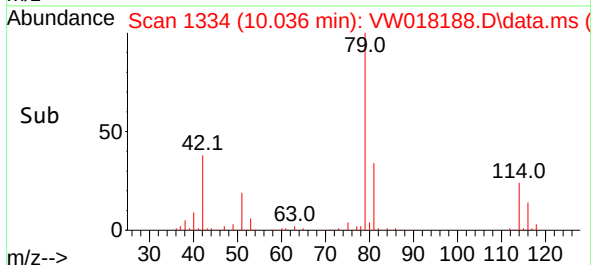
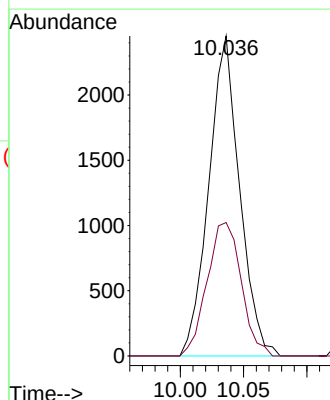
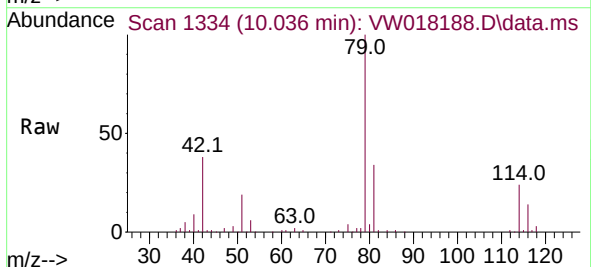
Instrument :
MSVOA_W
ClientSampled :

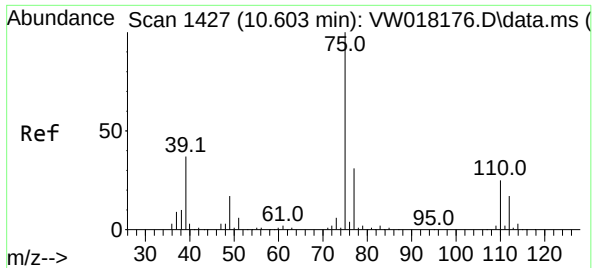
Tgt Ion: 63 Resp: 15668
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.49 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018188.D
Acq: 17 Feb 2021 15:48

Tgt Ion: 75 Resp: 4149
Ion Ratio Lower Upper
75 100
77 41.7 22.7 42.3

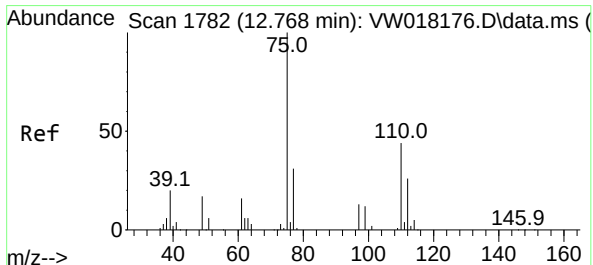
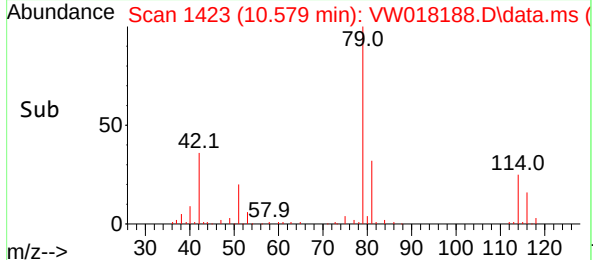
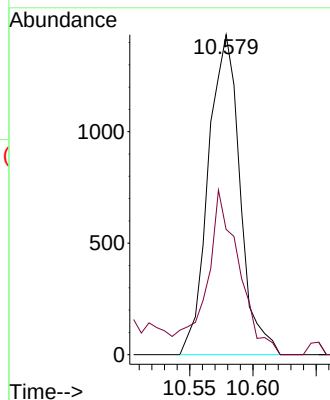
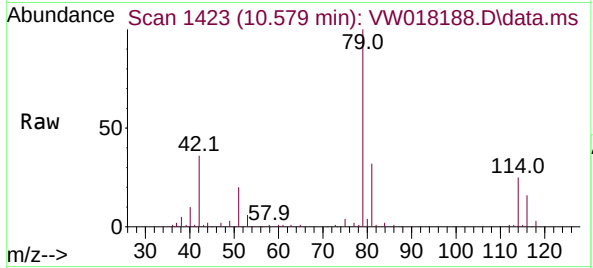




#45
trans-1,3-Dichloropropene
Concen: 0.34 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018188.D
Acq: 17 Feb 2021 15:48

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 2501
Ion Ratio Lower Upper
75 100
77 39.2 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 4.94 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018188.D
Acq: 17 Feb 2021 15:48

Tgt Ion: 75 Resp: 19767
Ion Ratio Lower Upper
75 100
77 35.7 26.6 39.8

