

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018187.D
 Acq On : 17 Feb 2021 15:24
 Operator : SY/VA
 Sample : M1414-02RE
 Misc : 5.29G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 06:17:46 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)

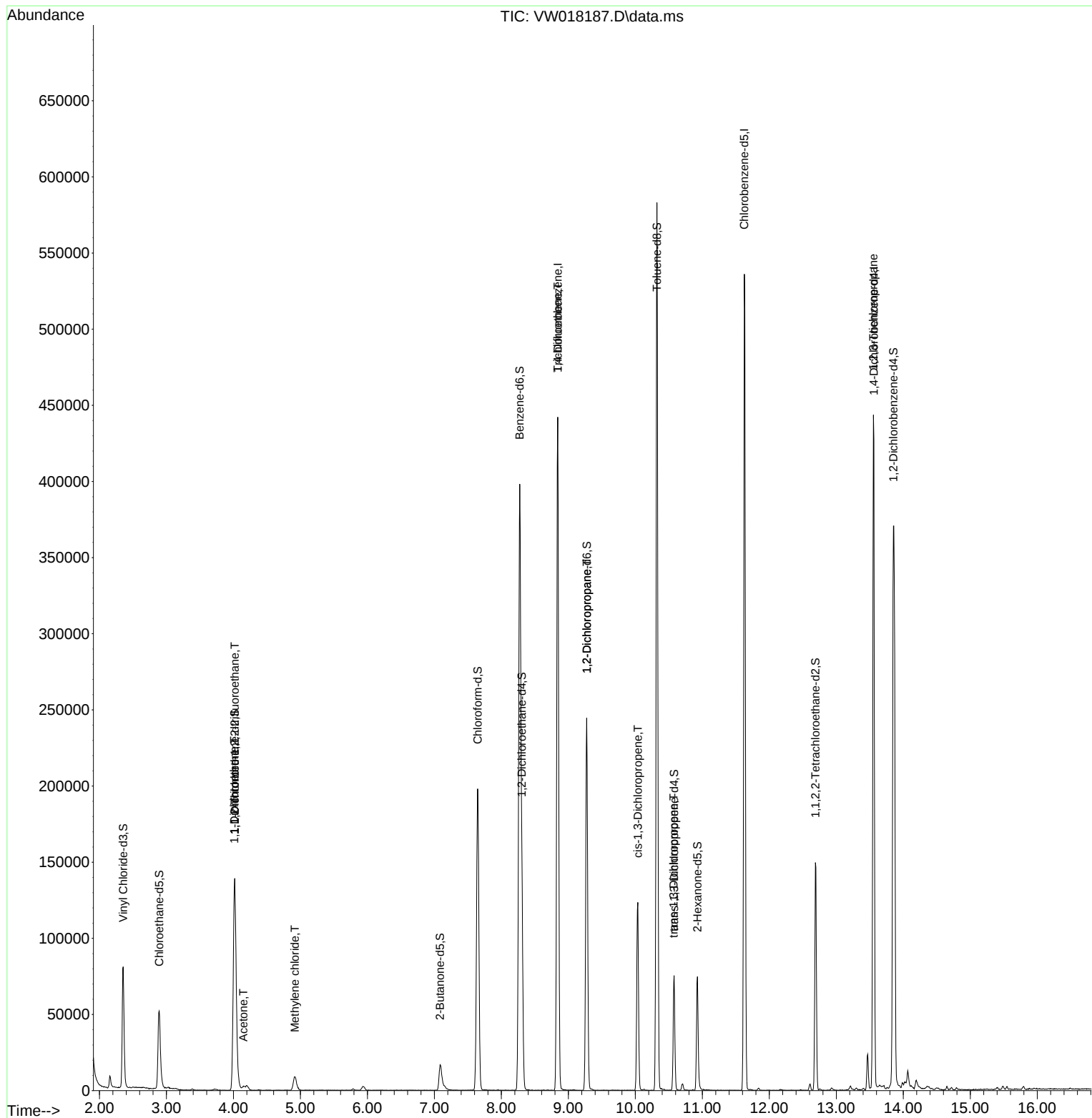
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	396526	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	320842	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	126955	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	95033	19.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.12%		
7) Chloroethane-d5	2.891	69	73351	18.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.00%		
10) 1,1-Dichloroethene-d2	4.019	63	149830	15.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.84%		
20) 2-Butanone-d5	7.086	46	30866	23.47	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	46.94%		
24) Chloroform-d	7.647	84	210153	20.20	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.80%		
26) 1,2-Dichloroethane-d4	8.305	65	103299	18.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	74.56%		
29) Benzene-d6	8.274	84	429283	24.37	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.48%		
33) 1,2-Dichloropropane-d6	9.274	67	114750	23.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.16%		
37) Toluene-d8	10.323	98	399665	23.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.36%		
38) trans-1,3-Dichloroprop...	10.579	79	43823	19.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.48%		
39) 2-Hexanone-d5	10.926	63	27373	29.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	58.12%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	73624	17.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	68.04%		
61) 1,2-Dichlorobenzene-d4	13.853	152	96245	21.25	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.00%		
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-...	4.019	101	1604	0.28	ug/L #	35
12) 1,1-Dichloroethene	4.013	96	1479	0.28	ug/L #	1
13) Acetone	4.147	43	5926	6.09	ug/L	66
16) Methylene chloride	4.915	84	5076	0.80	ug/L	86
35) Trichloroethene	8.841	95	11588	2.19	ug/L #	3
40) 1,2-Dichloropropane	9.274	63	13065	3.04	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	3135	0.45	ug/L #	78
45) trans-1,3-Dichloropropene	10.573	75	1838	0.30	ug/L #	80
59) 1,2,3-Trichloropropane	13.554	75	12888	3.92	ug/L	100

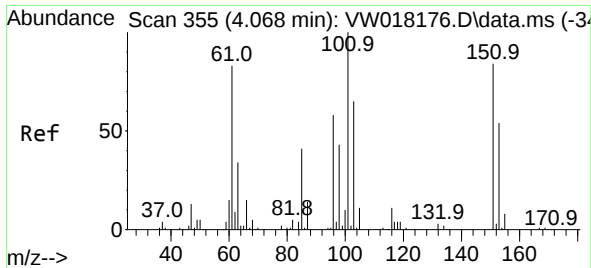
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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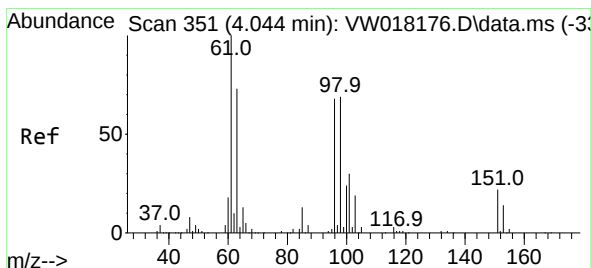
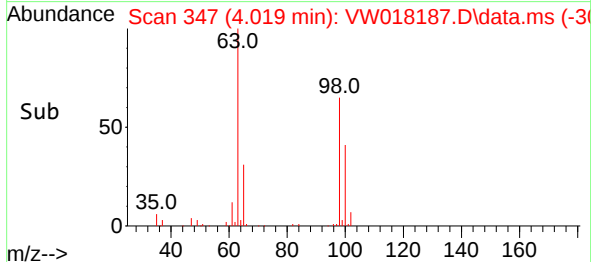
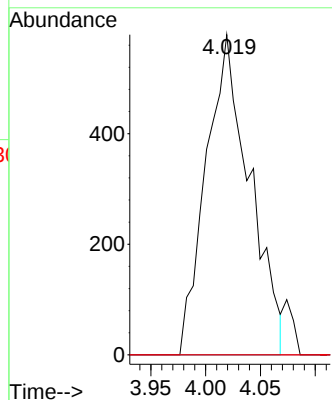
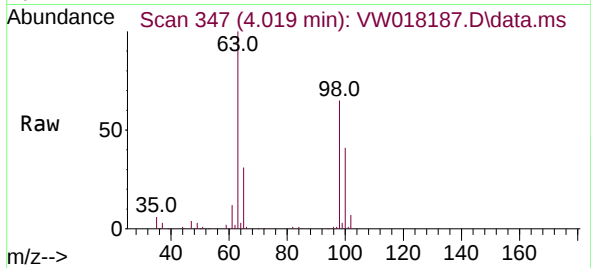




#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.28 ug/L
RT: 4.019 min Scan# 347
Delta R.T. -0.049 min
Lab File: VW018187.D
Acq: 17 Feb 2021 15:24

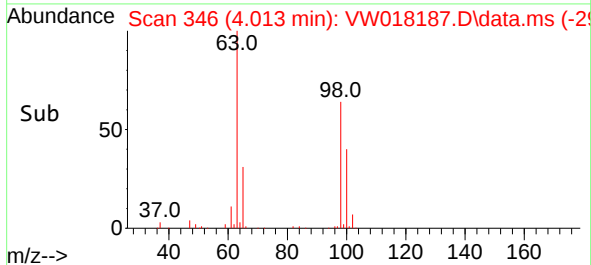
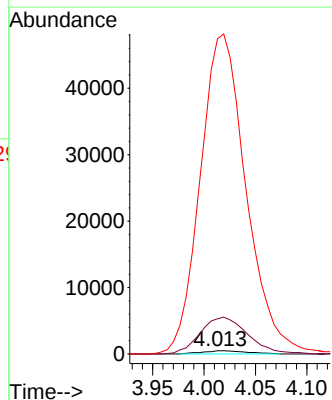
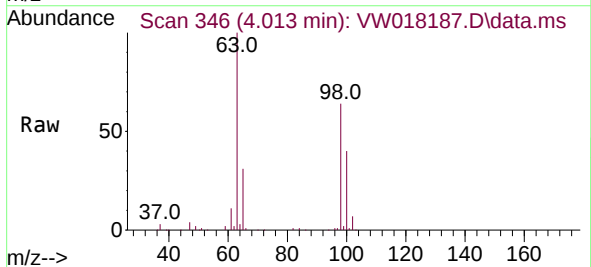
Instrument :
MSVOA_W
ClientSampleId :

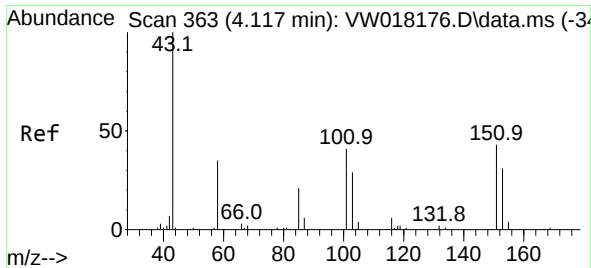
Tgt Ion:101 Resp: 1604
Ion Ratio Lower Upper
101 100
85 0.0 34.2 51.4#
151 0.0 30.4 45.6#



#12
1,1-Dichloroethene
Concen: 0.28 ug/L
RT: 4.013 min Scan# 346
Delta R.T. -0.031 min
Lab File: VW018187.D
Acq: 17 Feb 2021 15:24

Tgt Ion: 96 Resp: 1479
Ion Ratio Lower Upper
96 100
61 1073.3 112.5 208.9#
63 9603.2 83.1 154.3#

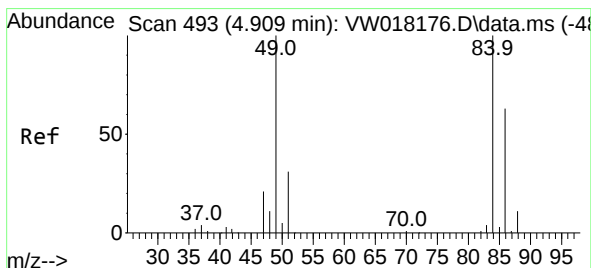
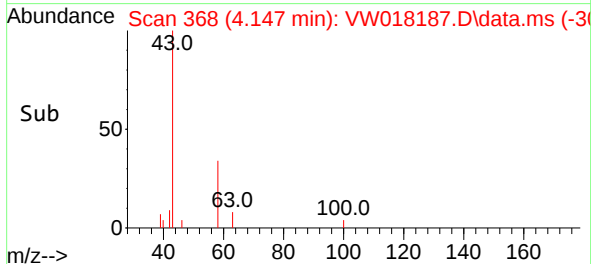
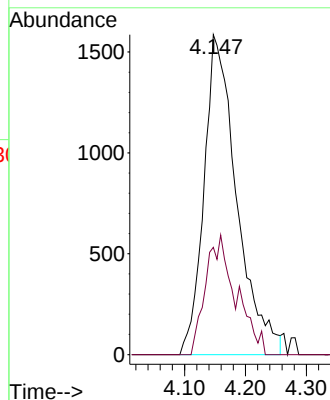
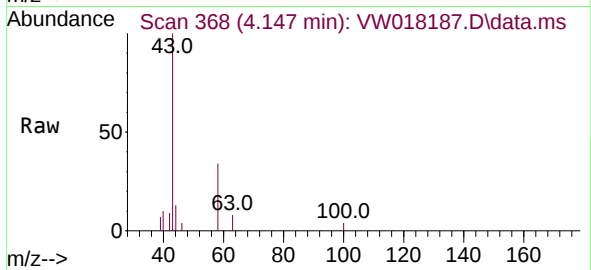




#13
Acetone
Concen: 6.09 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.030 min
Lab File: VW018187.D
Acq: 17 Feb 2021 15:24

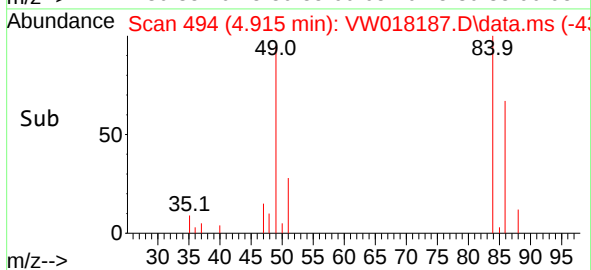
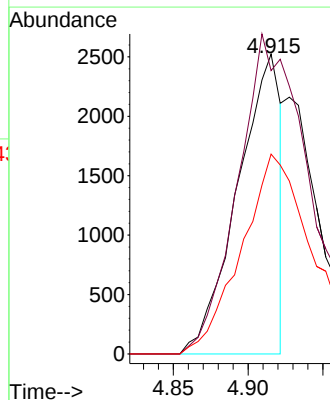
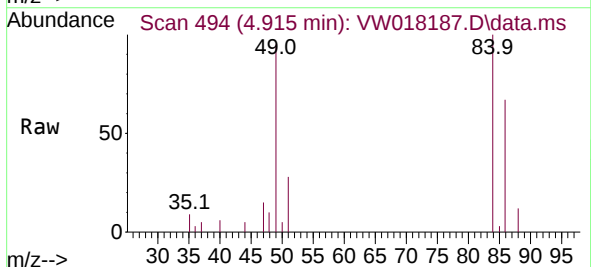
Instrument :
MSVOA_W
ClientSampled :

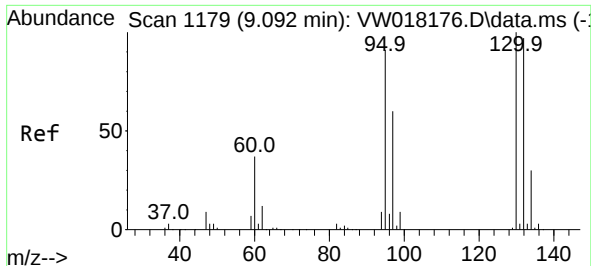
Tgt Ion: 43 Resp: 5926
Ion Ratio Lower Upper
43 100
58 14.7 0.0 68.4



#16
Methylene chloride
Concen: 0.80 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW018187.D
Acq: 17 Feb 2021 15:24

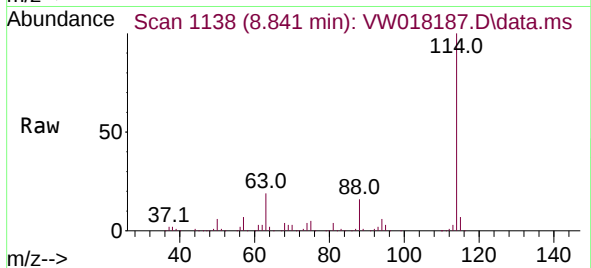
Tgt Ion: 84 Resp: 5076
Ion Ratio Lower Upper
84 100
49 94.5 81.2 150.8
86 66.7 44.5 82.7



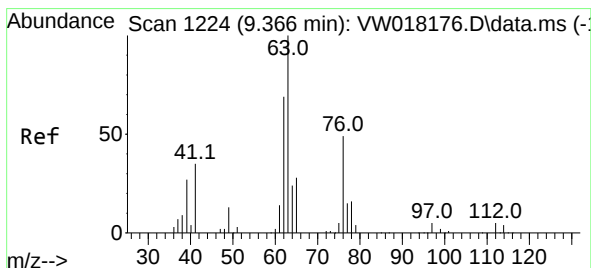
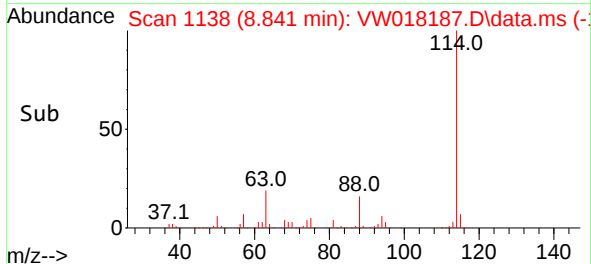
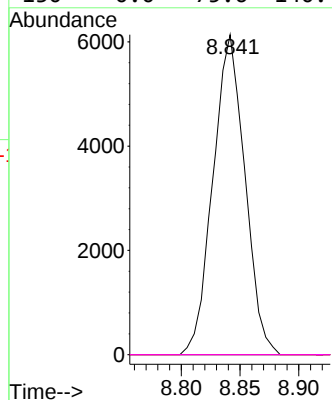


#35
Trichloroethene
Concen: 2.19 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018187.D
Acq: 17 Feb 2021 15:24

Instrument :
MSVOA_W
ClientSampleId :

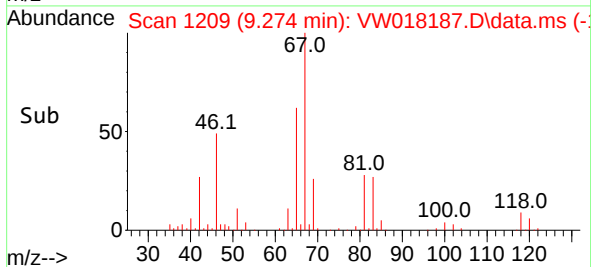
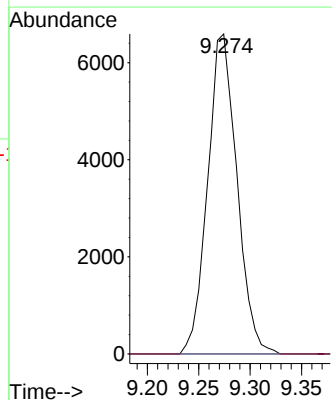
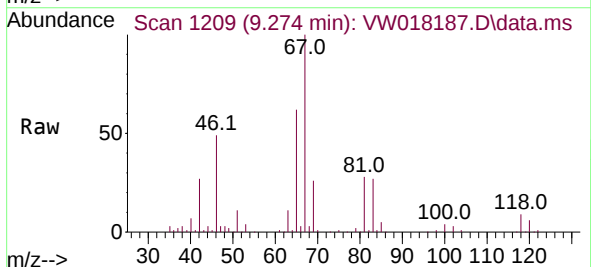


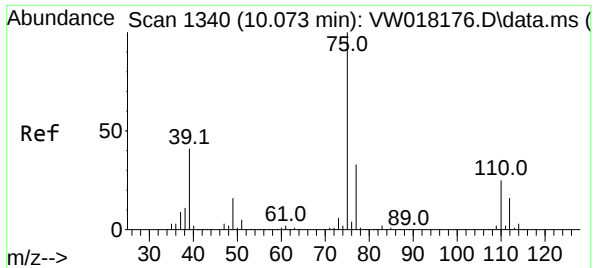
Tgt Ion:	95	Resp:	11588
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.2	71.0	131.8#
130	0.0	75.6	140.4#



#40
1,2-Dichloropropane
Concen: 3.04 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018187.D
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Tgt Ion:	63	Resp:	13065
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.4#

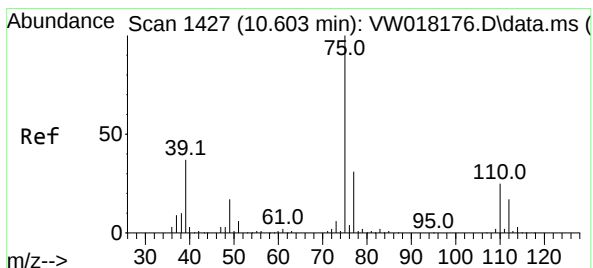
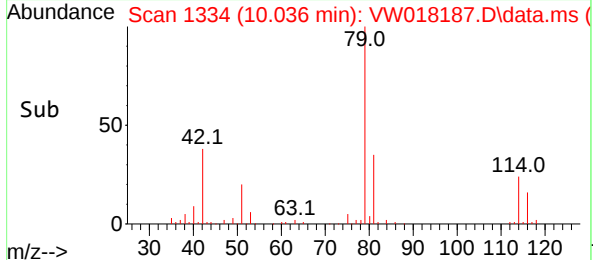
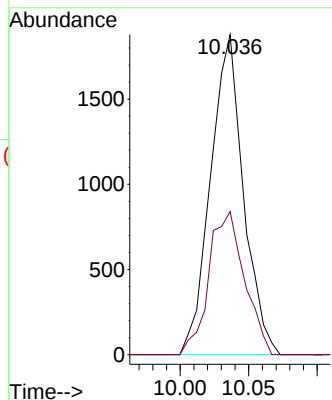
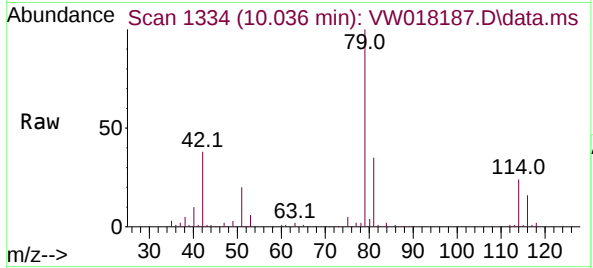




#42
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018187.D
Acq: 17 Feb 2021 15:24

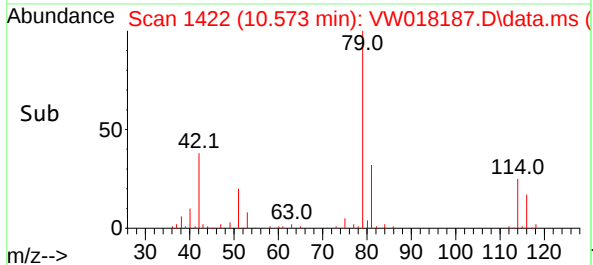
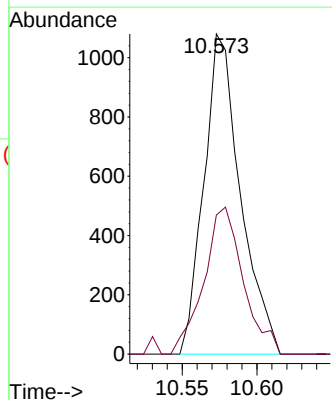
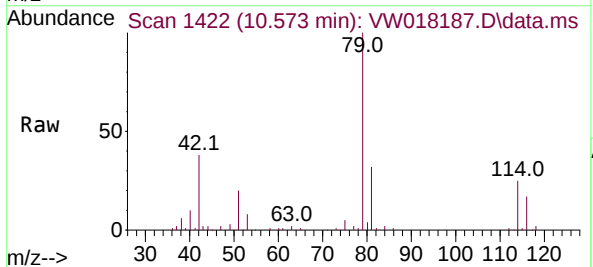
Instrument :
MSVOA_W
ClientSampled :

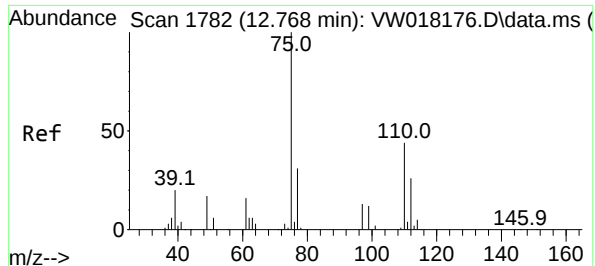
Tgt Ion: 75 Resp: 3135
Ion Ratio Lower Upper
75 100
77 44.8 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.30 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW018187.D
Acq: 17 Feb 2021 15:24

Tgt Ion: 75 Resp: 1838
Ion Ratio Lower Upper
75 100
77 43.4 22.6 42.0#





#59
1,2,3-Trichloropropane
Concen: 3.92 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018187.D
Acq: 17 Feb 2021 15:24

Instrument :
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ClientSampleId :

Tgt Ion: 75 Resp: 12888
Ion Ratio Lower Upper
75 100
77 33.3 26.6 39.8

