

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018139.D
 Acq On : 15 Feb 2021 16:40
 Operator : SY/VA
 Sample : M1370-15RE
 Misc : 6.95G/10ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ1RE

Quant Time: Feb 16 02:25:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

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

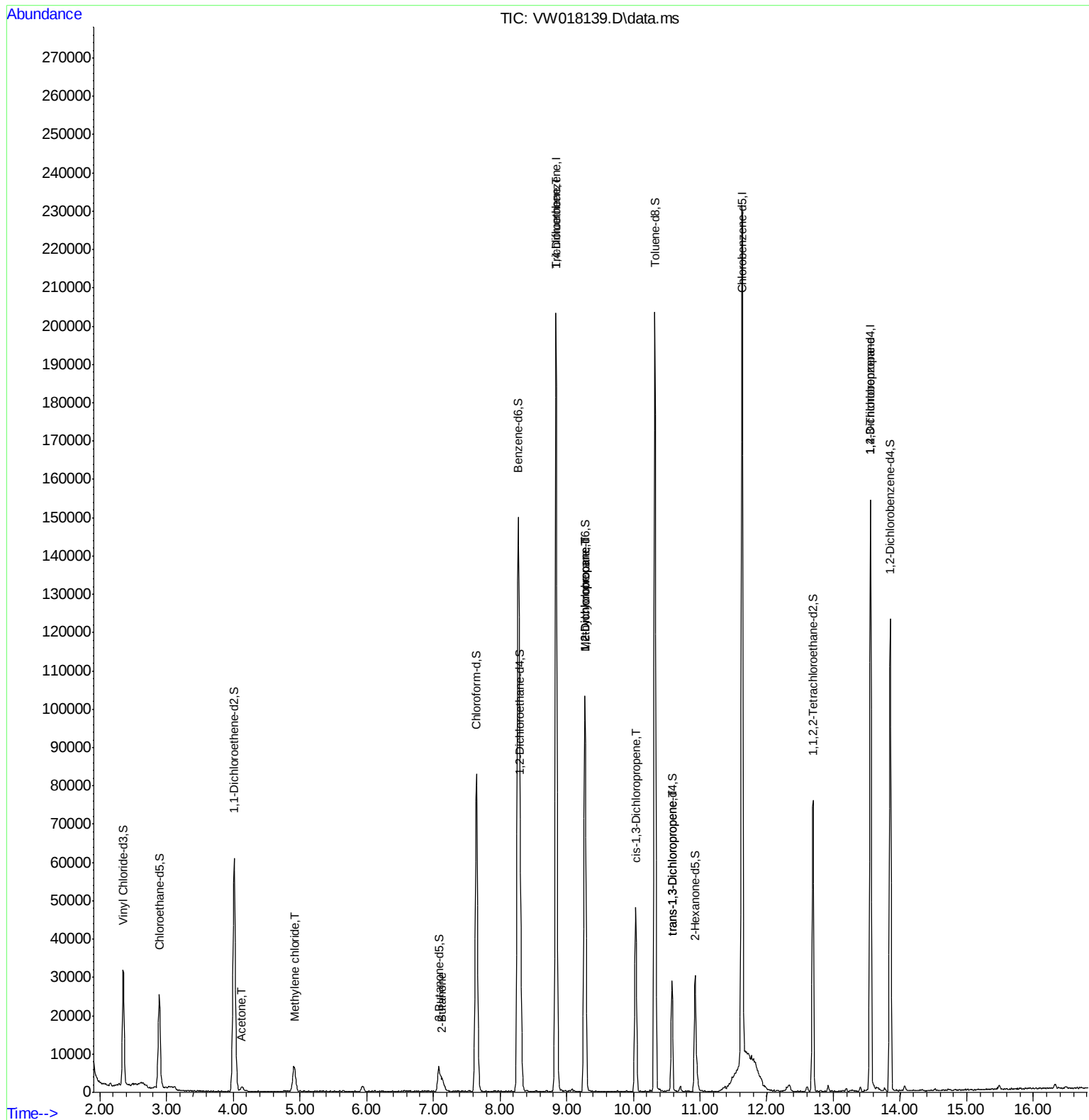
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	181851	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	133558	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	43579	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	31910	14.12	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.48%		
7) Chloroethane-d5	2.892	69	30030	16.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.96%		
10) 1,1-Dichloroethene-d2	4.013	63	56180	12.43	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	49.72%		
20) 2-Butanone-d5	7.086	46	10484	17.38	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	34.76%		
24) Chloroform-d	7.647	84	89007	18.65	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	74.60%		
26) 1,2-Dichloroethane-d4	8.305	65	44605	17.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	70.20%		
29) Benzene-d6	8.275	84	160219	21.85	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.40%		
33) 1,2-Dichloropropane-d6	9.275	67	49364	24.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.28%		
37) Toluene-d8	10.323	98	137760	19.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	78.96%		
38) trans-1,3-Dichloroprop...	10.579	79	16843	18.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.48%		
39) 2-Hexanone-d5	10.921	63	10166	25.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	51.84%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	36530	20.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.12%		
61) 1,2-Dichlorobenzene-d4	13.853	152	33858	21.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.12%		
Target Compounds						
13) Acetone	4.123	43	1241	2.78	ug/L	75
16) Methylene chloride	4.922	84	5552	1.91	ug/L	94
21) 2-Butanone	7.135	43	4582	6.75	ug/L #	46
35) Trichloroethene	8.842	95	5541	2.52	ug/L #	3
36) Methylcyclohexane	9.275	83	13125	3.55	ug/L #	19
40) 1,2-Dichloropropane	9.275	63	5680	3.17	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	1190	0.41	ug/L #	71
45) trans-1,3-Dichloropropene	10.579	75	711	0.28	ug/L #	73
59) 1,2,3-Trichloropropane	13.554	75	4441	3.24	ug/L	96

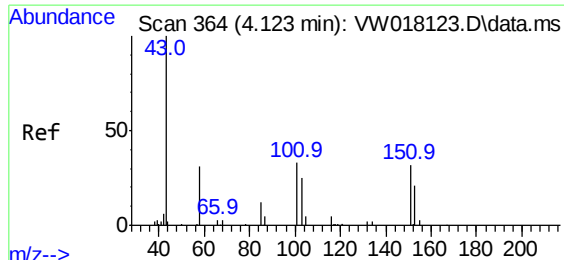
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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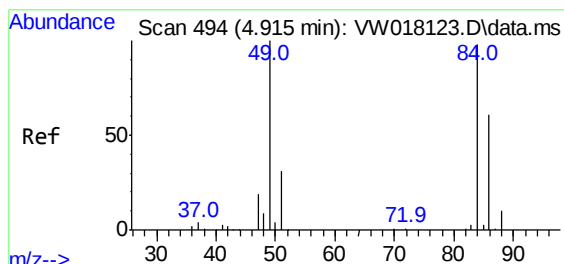
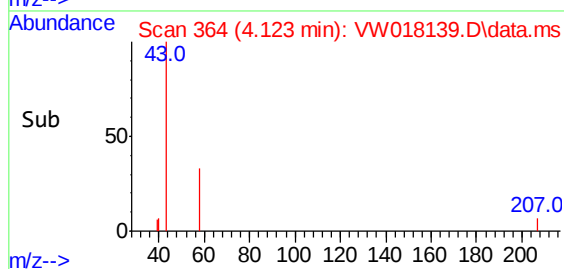
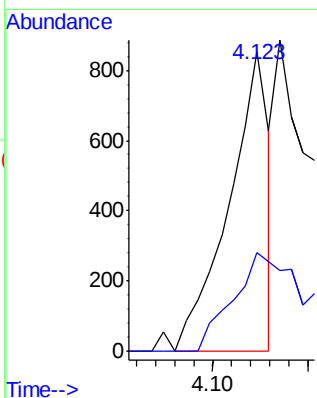
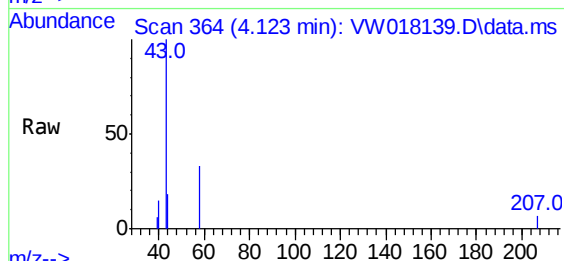




#13
Acetone
Concen: 2.78 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018139.D
Acq: 15 Feb 2021 16:40

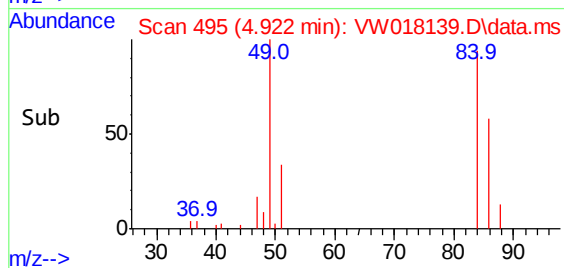
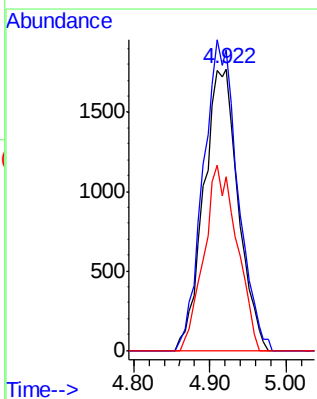
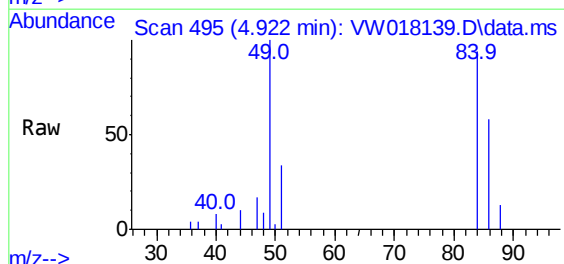
Instrument :
MSVOA_W
ClientSampled :
DBGZ1RE

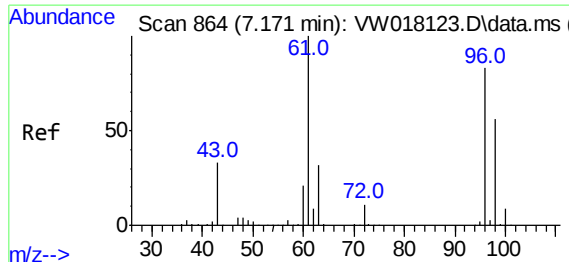
Tgt Ion: 43 Resp: 1241
Ion Ratio Lower Upper
43 100
58 48.7 0.0 68.4



#16
Methylene chloride
Concen: 1.91 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018139.D
Acq: 15 Feb 2021 16:40

Tgt Ion: 84 Resp: 5552
Ion Ratio Lower Upper
84 100
49 106.9 81.2 150.8
86 61.6 44.5 82.7

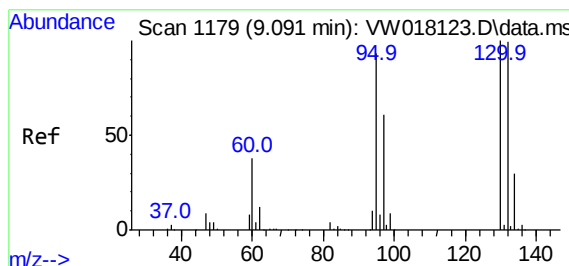
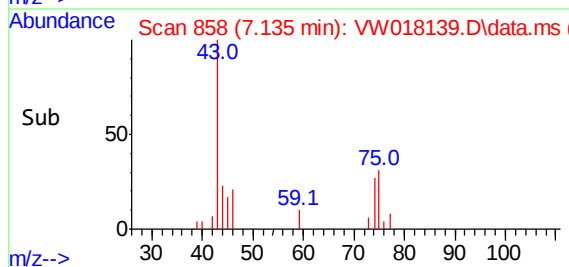
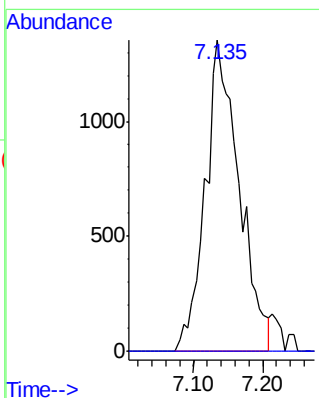
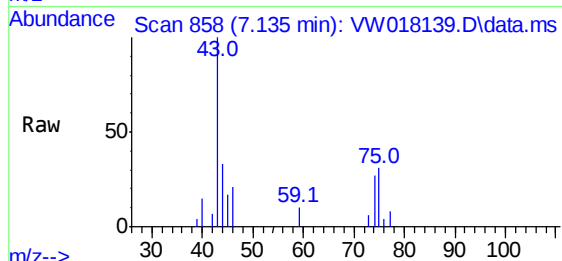




#21
2-Butanone
Concen: 6.75 ug/L
RT: 7.135 min Scan# 858
Delta R.T. -0.036 min
Lab File: VW018139.D
Acq: 15 Feb 2021 16:40

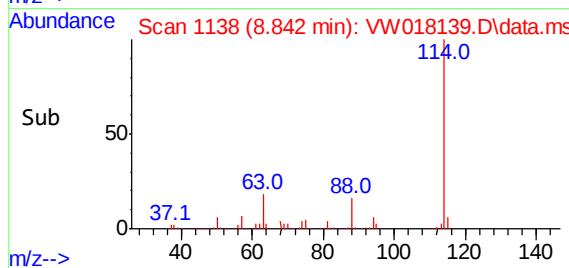
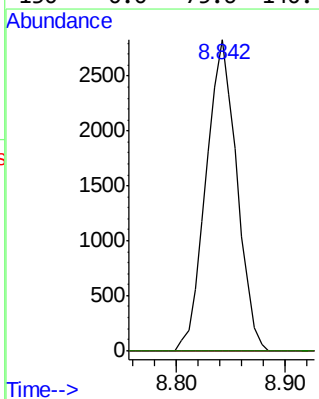
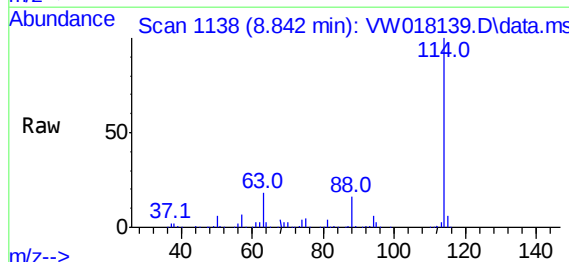
Instrument :
MSVOA_W
ClientSampled :
DBGZ1RE

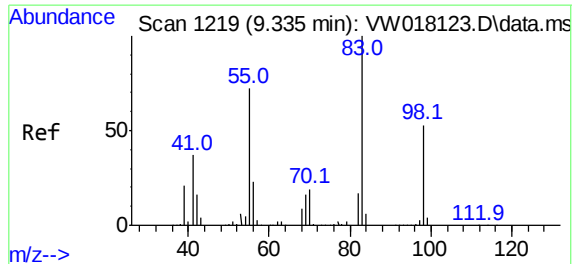
Tgt Ion: 43 Resp: 4582
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#35
Trichloroethene
Concen: 2.52 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018139.D
Acq: 15 Feb 2021 16:40

Tgt Ion: 95 Resp: 5541
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#

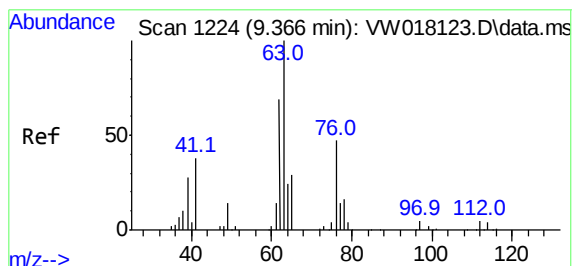
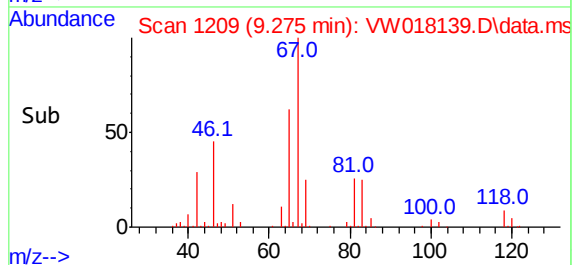
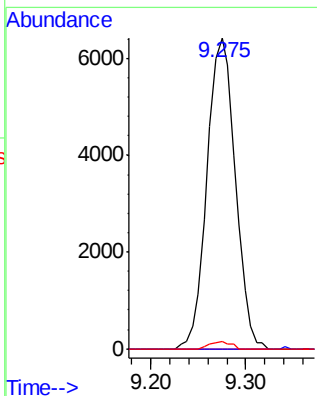
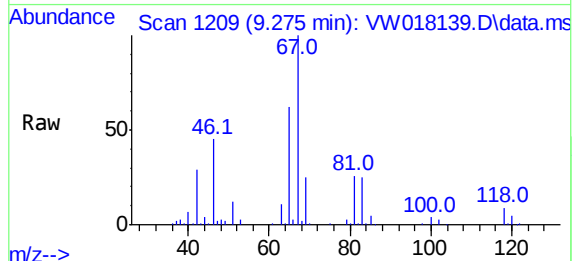




#36
Methylcyclohexane
Concen: 3.55 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018139.D
Acq: 15 Feb 2021 16:40

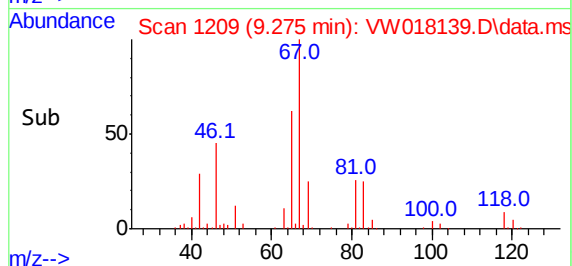
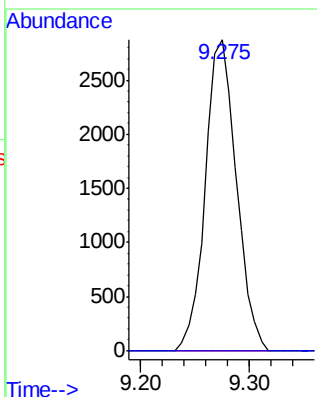
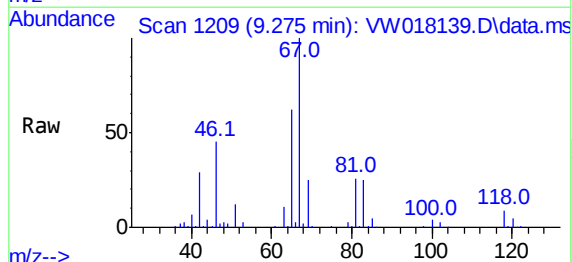
Instrument :
MSVOA_W
ClientSampleId :
DBGZ1RE

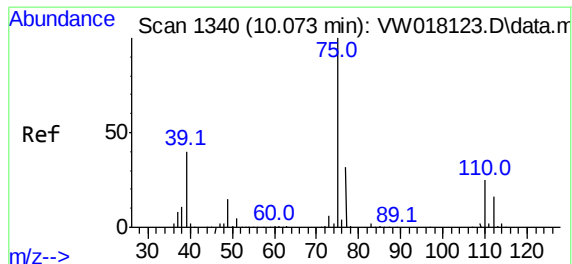
Tgt Ion: 83 Resp: 13125
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 1.8 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 3.17 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018139.D
Acq: 15 Feb 2021 16:40

Tgt Ion: 63 Resp: 5680
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

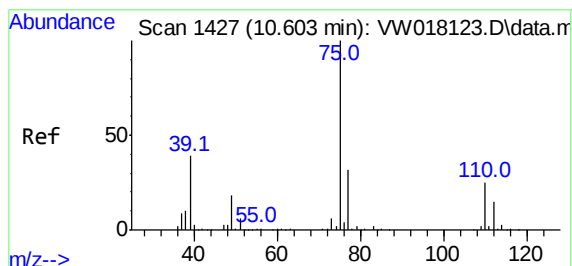
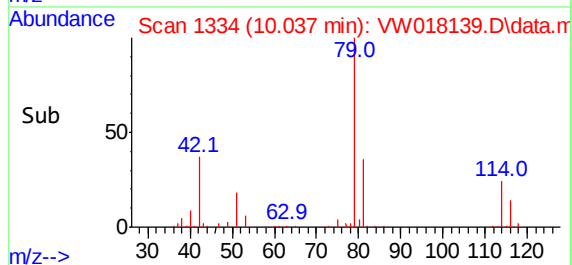
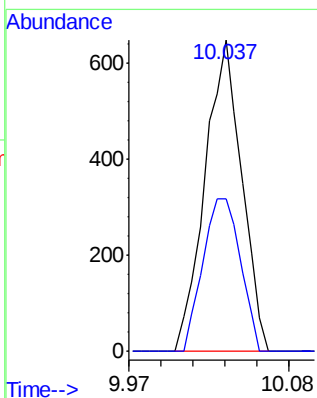
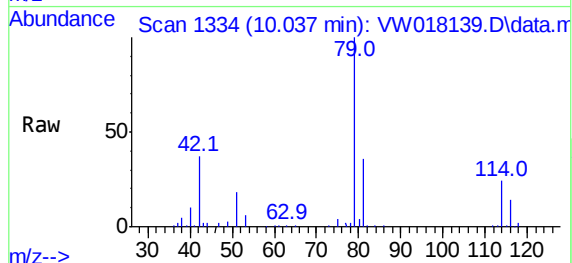




#42
 cis-1,3-Dichloropropene
 Concen: 0.41 ug/L
 RT: 10.037 min Scan# 1334
 Delta R.T. -0.036 min
 Lab File: VW018139.D
 Acq: 15 Feb 2021 16:40

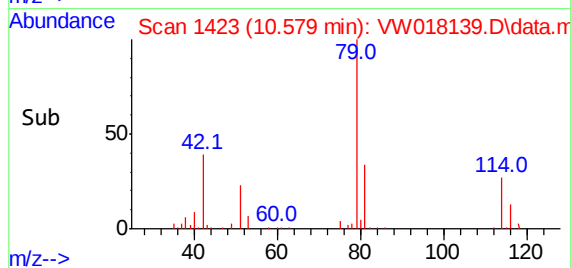
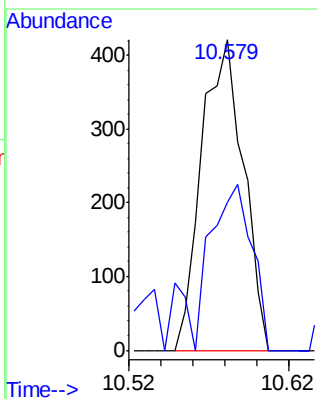
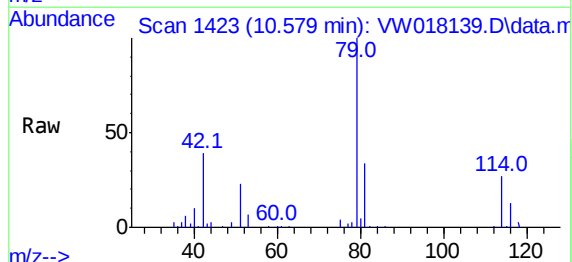
Instrument :
 MSVOA_W
 ClientSampled :
 DBGZ1RE

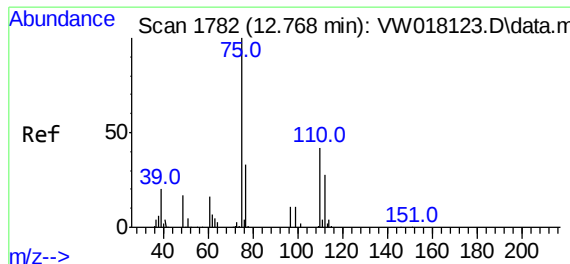
Tgt Ion: 75 Resp: 1190
 Ion Ratio Lower Upper
 75 100
 77 48.8 22.7 42.3#



#45
 trans-1,3-Dichloropropene
 Concen: 0.28 ug/L
 RT: 10.579 min Scan# 1423
 Delta R.T. -0.024 min
 Lab File: VW018139.D
 Acq: 15 Feb 2021 16:40

Tgt Ion: 75 Resp: 711
 Ion Ratio Lower Upper
 75 100
 77 47.5 22.6 42.0#





#59
 1,2,3-Trichloropropane
 Concen: 3.24 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW018139.D
 Acq: 15 Feb 2021 16:40

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ1RE

Tgt Ion: 75 Resp: 4441
 Ion Ratio Lower Upper
 75 100
 77 35.4 26.6 39.8

