

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018106.D
 Acq On : 12 Feb 2021 13:35
 Operator : SY/VA
 Sample : M1371-20
 Misc : 6.25G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH35

Quant Time: Feb 12 22:44:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 22:41:34 2021
 Response via : Initial Calibration

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

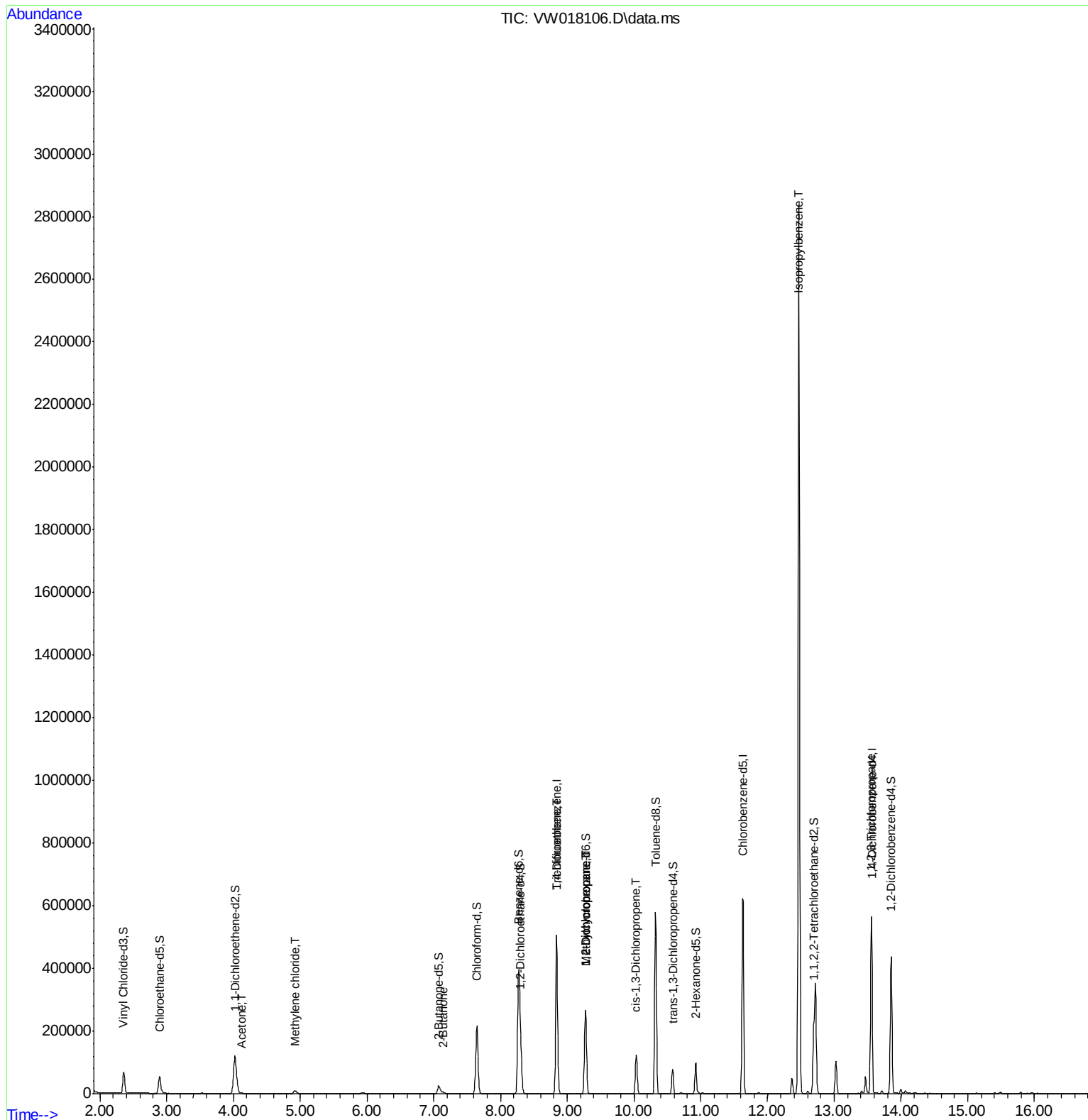
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	448638	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	381205	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	162074	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	81223	14.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.28%		
7) Chloroethane-d5	2.892	69	74083	16.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.96%		
10) 1,1-Dichloroethene-d2	4.019	63	134342	12.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	48.20%		
20) 2-Butanone-d5	7.074	46	44370	29.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	59.64%		
24) Chloroform-d	7.647	84	228911	19.44	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.76%		
26) 1,2-Dichloroethane-d4	8.305	65	120109	19.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	76.60%		
29) Benzene-d6	8.275	84	433464	20.71	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.84%		
33) 1,2-Dichloropropane-d6	9.275	67	125853	21.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.00%		
37) Toluene-d8	10.323	98	393240	19.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.00%		
38) trans-1,3-Dichloroprop...	10.579	79	46494	17.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.08%		
39) 2-Hexanone-d5	10.927	63	35249	31.49	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	62.98%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	102874	20.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.00%		
61) 1,2-Dichlorobenzene-d4	13.853	152	121900	21.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.32%		
Target Compounds						
13) Acetone	4.117	43	1181	1.07	ug/L #	37
16) Methylene chloride	4.922	84	8357	1.16	ug/L	87
21) 2-Butanone	7.141	43	4021	2.40	ug/L #	46
35) Trichloroethene	8.842	95	13344	2.13	ug/L #	3
36) Methylcyclohexane	9.275	83	33408	3.16	ug/L #	19
40) 1,2-Dichloropropane	9.275	63	14336	2.80	ug/L #	84
42) cis-1,3-Dichloropropene	10.031	75	2992	0.36	ug/L #	68
57) Isopropylbenzene	12.469	105	125481	4.47	ug/L #	1
59) 1,2,3-Trichloropropane	13.554	75	16356	4.18	ug/L	93

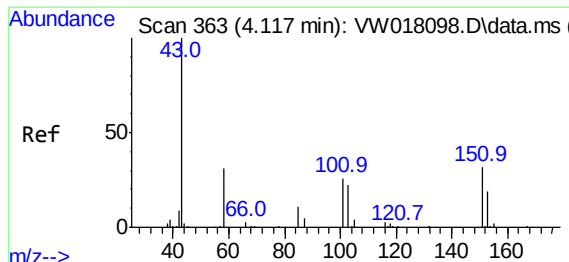
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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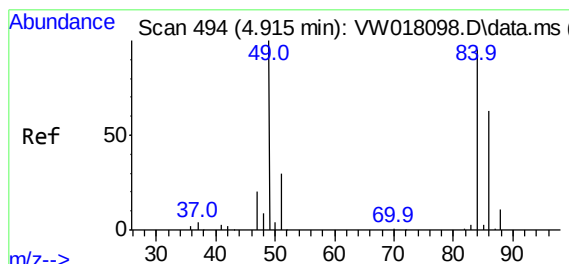
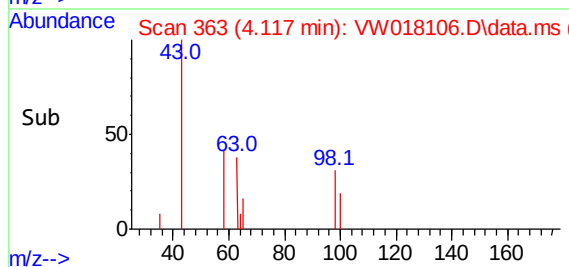
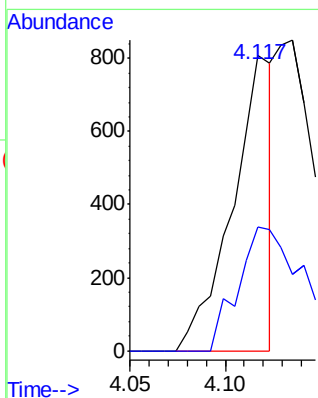
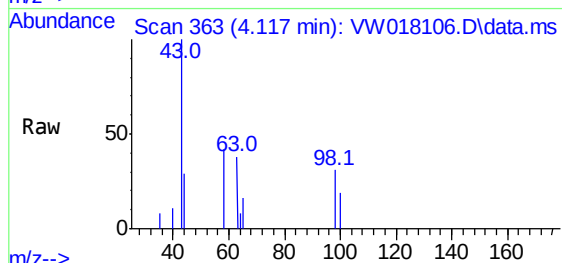




#13
Acetone
Concen: 1.07 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018106.D
Acq: 12 Feb 2021 13:35

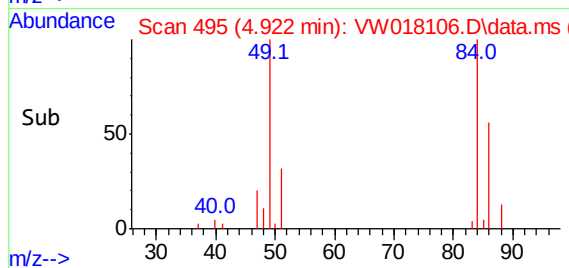
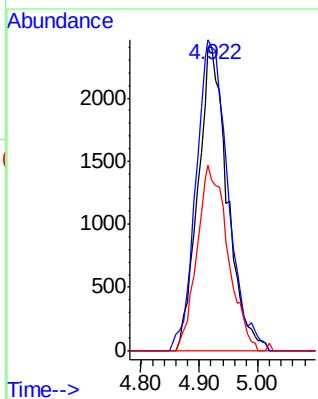
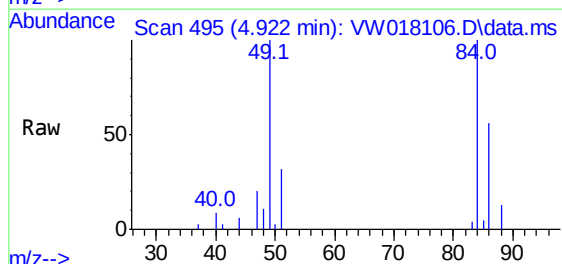
Instrument :
MSVOA_W
ClientSampled :
DBH35

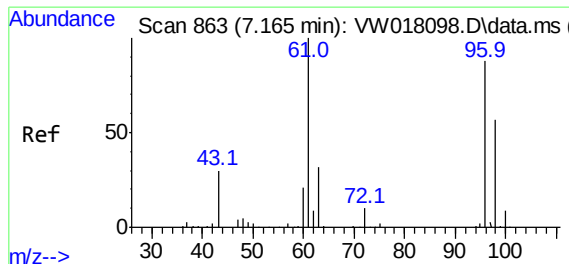
Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
58 70.6 0.0 68.4#



#16
Methylene chloride
Concen: 1.16 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018106.D
Acq: 12 Feb 2021 13:35

Tgt Ion: 84 Resp: 8357
Ion Ratio Lower Upper
84 100
49 99.9 81.2 150.8
86 56.2 44.5 82.7

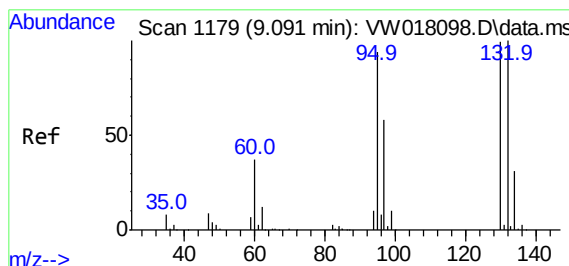
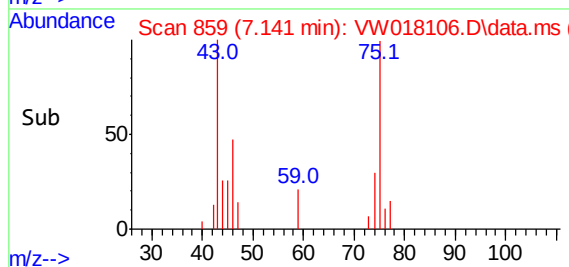
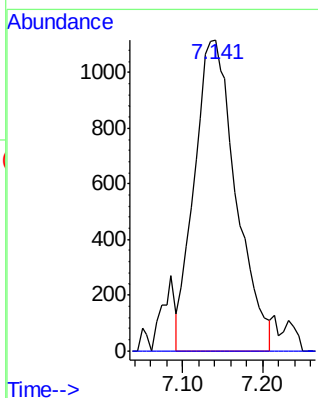
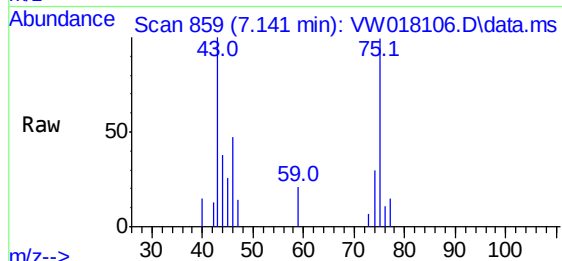




#21
2-Butanone
Concen: 2.40 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW018106.D
Acq: 12 Feb 2021 13:35

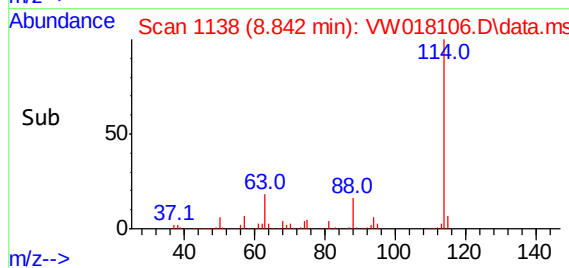
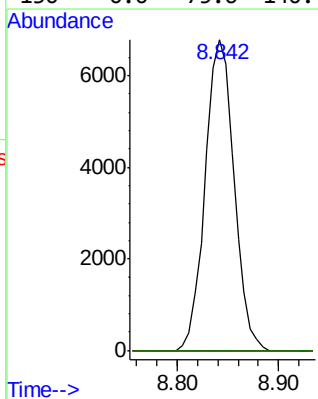
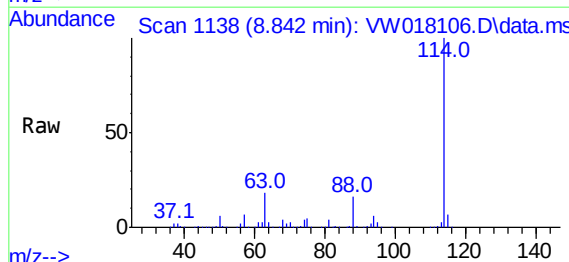
Instrument :
MSVOA_W
ClientSampleId :
DBH35

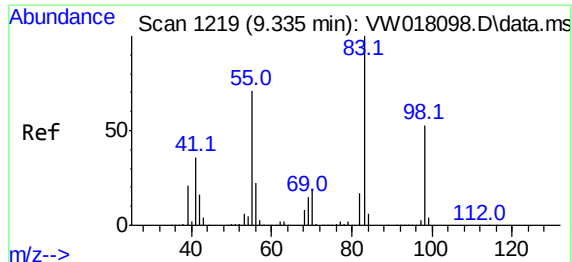
Tgt Ion: 43 Resp: 4021
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#35
Trichloroethene
Concen: 2.13 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018106.D
Acq: 12 Feb 2021 13:35

Tgt Ion: 95 Resp: 13344
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#

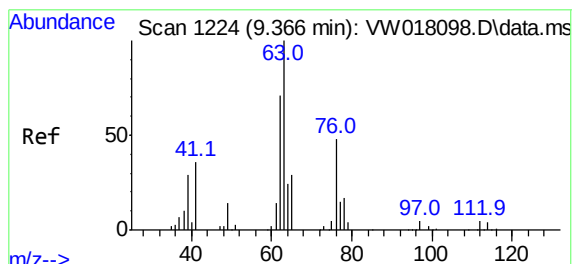
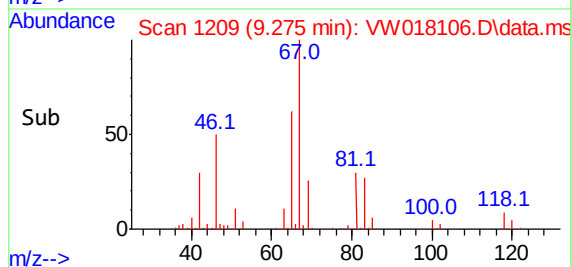
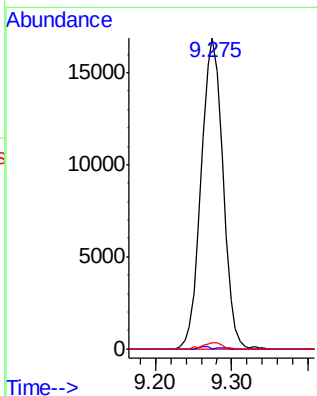
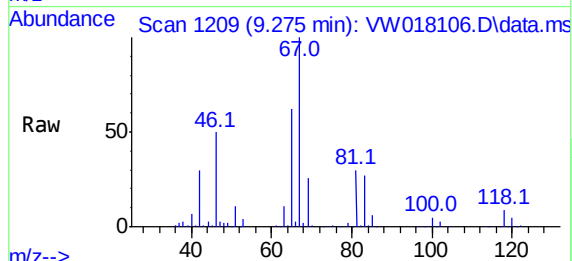




#36
Methylcyclohexane
Concen: 3.16 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018106.D
Acq: 12 Feb 2021 13:35

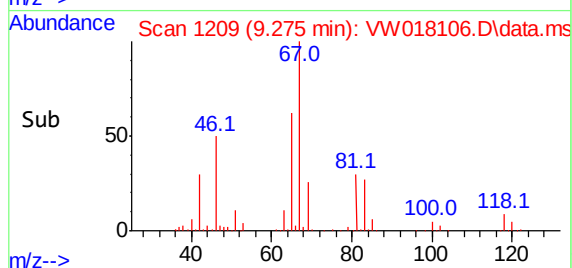
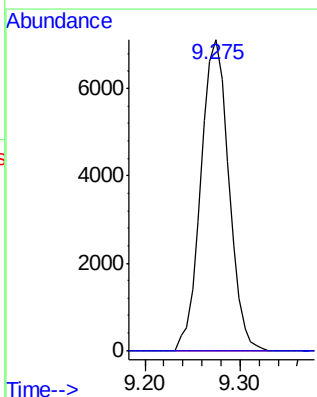
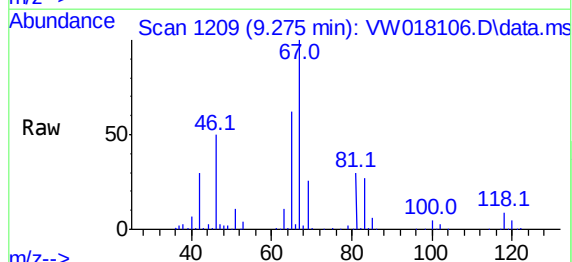
Instrument :
MSVOA_W
ClientSampled :
DBH35

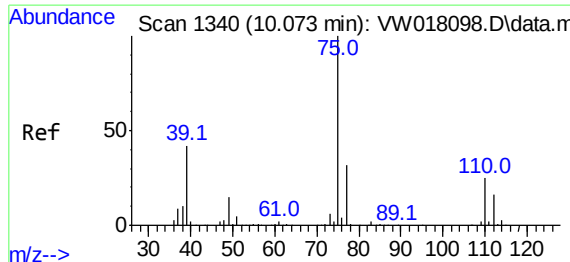
Tgt Ion: 83 Resp: 33408
Ion Ratio Lower Upper
83 100
55 0.2 59.4 89.0#
98 1.7 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 2.80 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018106.D
Acq: 12 Feb 2021 13:35

Tgt Ion: 63 Resp: 14336
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

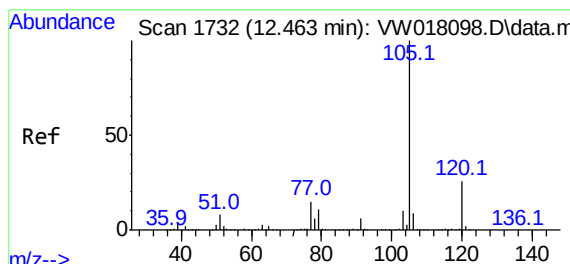
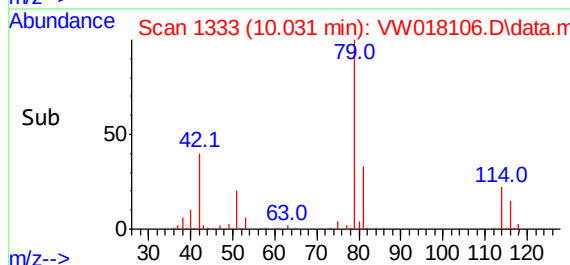
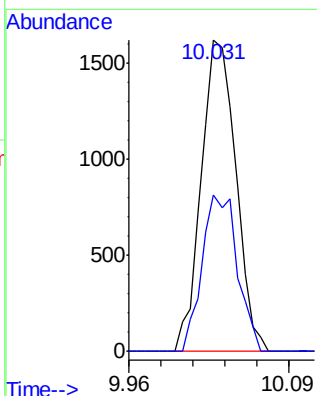
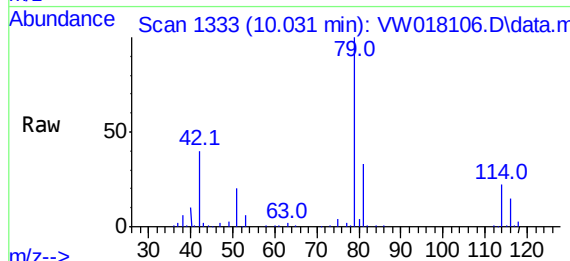




#42
 cis-1,3-Dichloropropene
 Concen: 0.36 ug/L
 RT: 10.031 min Scan# 1333
 Delta R.T. -0.042 min
 Lab File: VW018106.D
 Acq: 12 Feb 2021 13:35

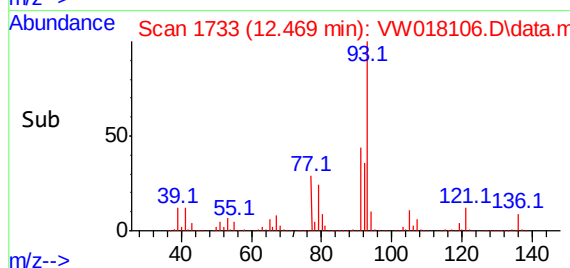
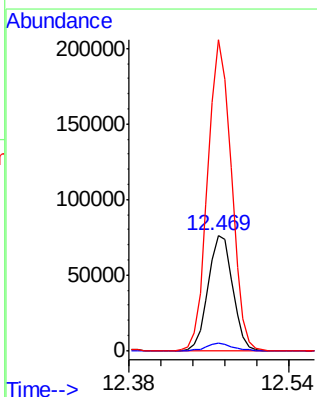
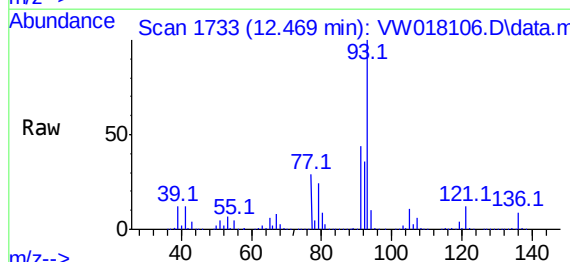
Instrument :
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 ClientSampleID :
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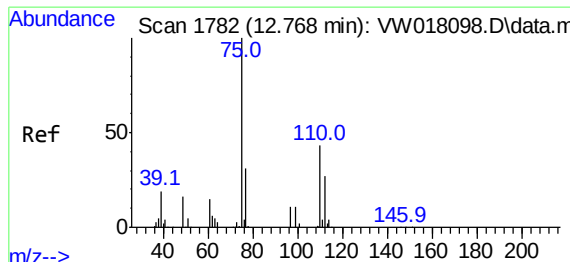
Tgt Ion: 75 Resp: 2992
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.7 42.3#



#57
 Isopropylbenzene
 Concen: 4.47 ug/L
 RT: 12.469 min Scan# 1733
 Delta R.T. 0.006 min
 Lab File: VW018106.D
 Acq: 12 Feb 2021 13:35

Tgt Ion: 105 Resp: 125481
 Ion Ratio Lower Upper
 105 100
 120 6.3 21.4 32.2#
 77 263.0 12.1 18.1#





#59
 1,2,3-Trichloropropane
 Concen: 4.18 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW018106.D
 Acq: 12 Feb 2021 13:35

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH35

Tgt Ion: 75 Resp: 16356
 Ion Ratio Lower Upper
 75 100
 77 37.2 26.6 39.8

