

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018093.D
 Acq On : 11 Feb 2021 18:25
 Operator : SY/VA
 Sample : M1371-01RE
 Misc : 6.02G/10ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH02RE

Quant Time: Feb 12 02:43:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 02:37:00 2021
 Response via : Initial Calibration

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

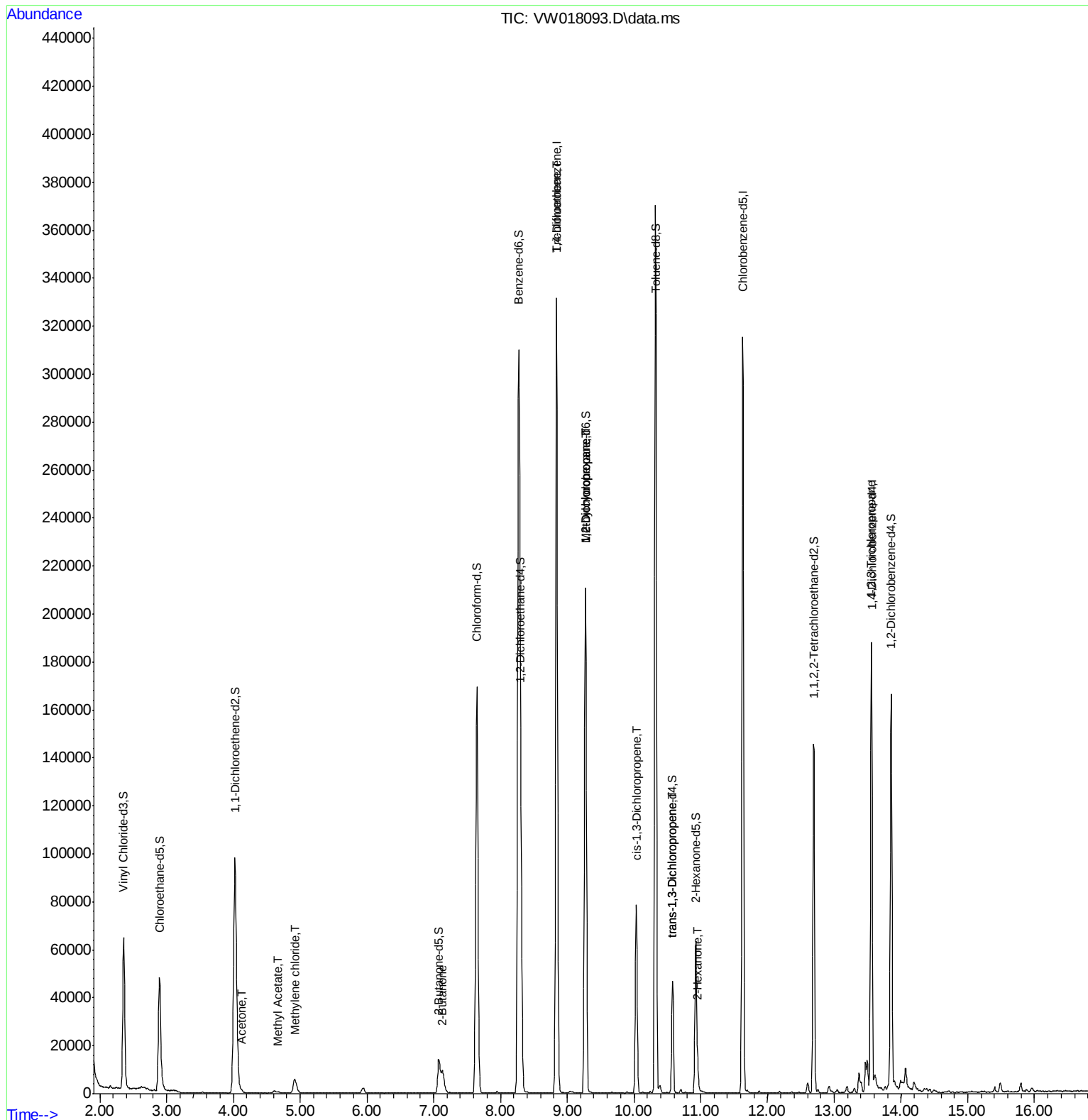
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	295268	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	188515	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	55068	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	77924	21.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.92%		
7) Chloroethane-d5	2.892	69	67276	23.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.40%		
10) 1,1-Dichloroethene-d2	4.026	63	109203	14.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.56%		
20) 2-Butanone-d5	7.074	46	23933	24.44	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	48.88%		
24) Chloroform-d	7.647	84	181206	23.39	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.56%		
26) 1,2-Dichloroethane-d4	8.305	65	100051	24.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.96%		
29) Benzene-d6	8.275	84	333139	32.18	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	128.72%		
33) 1,2-Dichloropropane-d6	9.275	67	99150	34.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	137.00%#		
37) Toluene-d8	10.323	98	256110	26.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	104.00%		
38) trans-1,3-Dichloroprop...	10.573	79	28106	21.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.68%		
39) 2-Hexanone-d5	10.921	63	21670	39.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.30%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	72149	28.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	113.48%		
61) 1,2-Dichlorobenzene-d4	13.853	152	45294	23.06	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.24%		
Target Compounds						Qvalue
13) Acetone	4.117	43	1230	1.70	ug/L	98
15) Methyl Acetate	4.672	43	580	0.36	ug/L	91
16) Methylene chloride	4.922	84	5639	1.19	ug/L	91
21) 2-Butanone	7.135	43	12218	11.08	ug/L #	47
35) Trichloroethene	8.842	95	8352	2.69	ug/L #	3
36) Methylcyclohexane	9.275	83	26344	5.05	ug/L #	19
40) 1,2-Dichloropropane	9.275	63	11067	4.38	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	1938	0.48	ug/L #	79
45) trans-1,3-Dichloropropene	10.573	75	1204	0.34	ug/L	92
49) 2-Hexanone	10.951	43	9252	8.47	ug/L #	46
59) 1,2,3-Trichloropropane	13.554	75	5358	2.77	ug/L	98

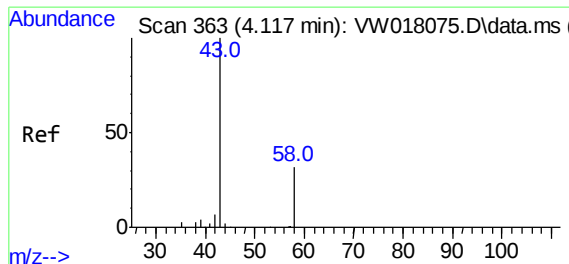
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Feb 12 02:37:00 2021
Response via : Initial Calibration

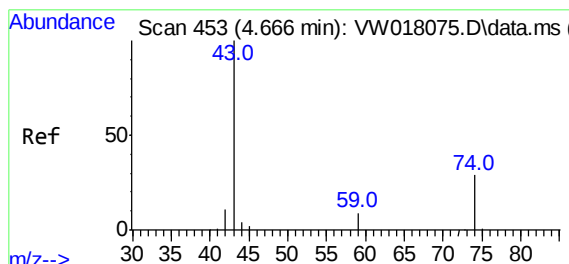
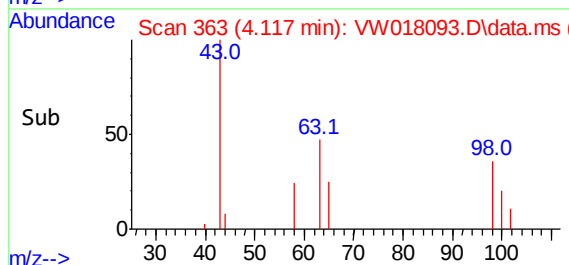
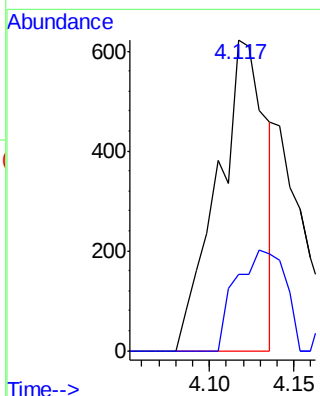
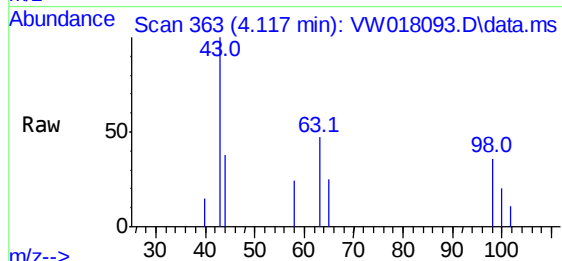




#13
Acetone
Concen: 1.70 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018093.D
Acq: 11 Feb 2021 18:25

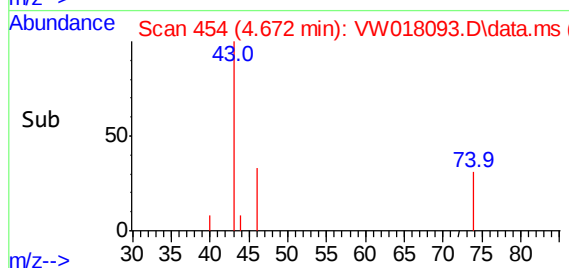
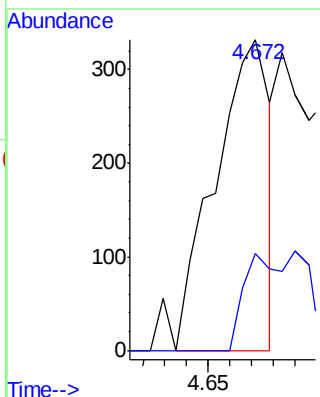
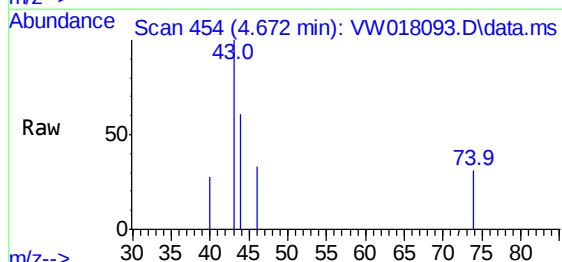
Instrument :
MSVOA_W
ClientSampled :
DBH02RE

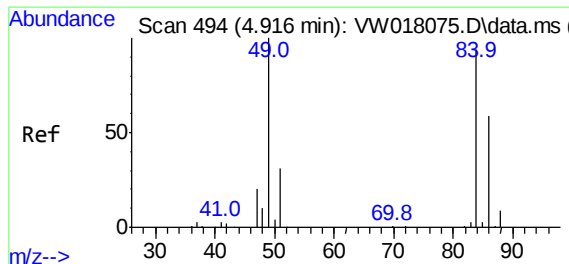
Tgt Ion: 43 Resp: 1230
Ion Ratio Lower Upper
43 100
58 33.3 0.0 68.4



#15
Methyl Acetate
Concen: 0.36 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW018093.D
Acq: 11 Feb 2021 18:25

Tgt Ion: 43 Resp: 580
Ion Ratio Lower Upper
43 100
74 21.6 20.7 31.1



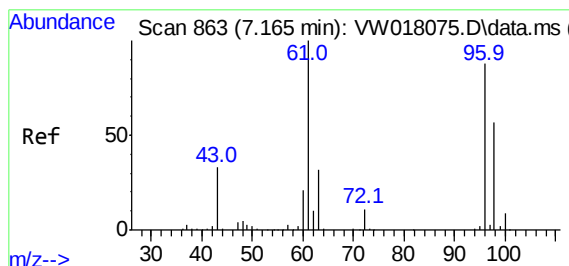
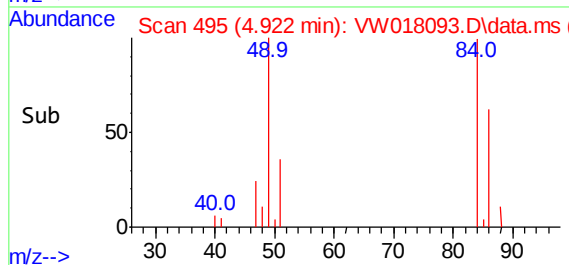
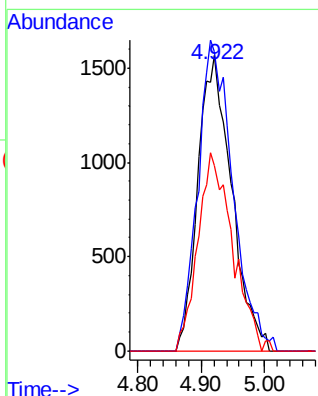
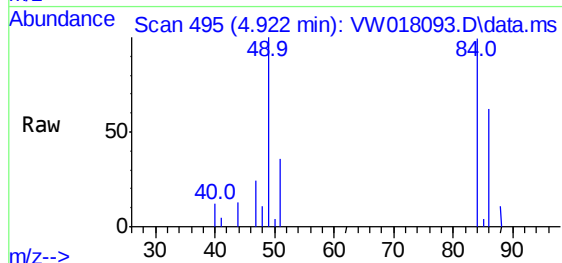


#16
Methylene chloride
Concen: 1.19 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018093.D
Acq: 11 Feb 2021 18:25

Instrument :
MSVOA_W
ClientSampleId :
DBH02RE

Tgt Ion: 84 Resp: 5639

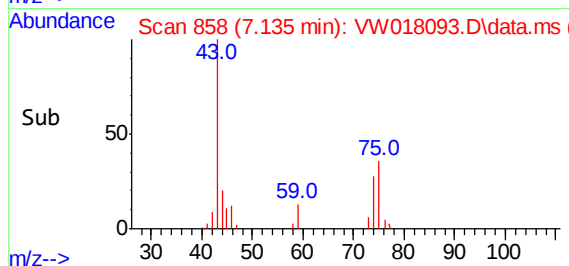
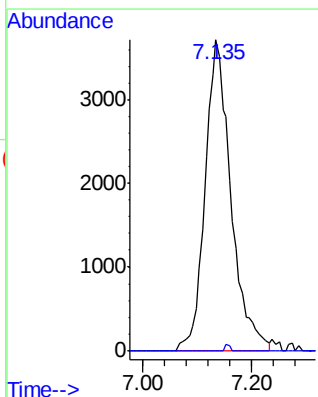
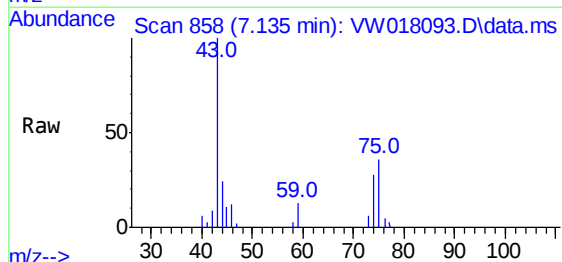
Ion	Ratio	Lower	Upper
84	100		
49	101.0	81.2	150.8
86	62.8	44.5	82.7

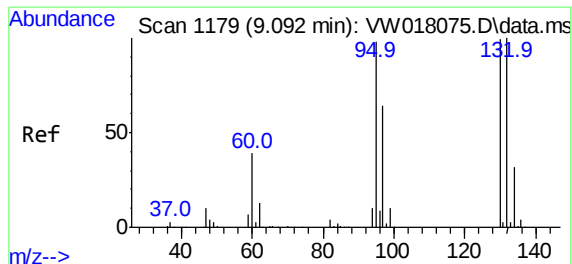


#21
2-Butanone
Concen: 11.08 ug/L
RT: 7.135 min Scan# 858
Delta R.T. -0.030 min
Lab File: VW018093.D
Acq: 11 Feb 2021 18:25

Tgt Ion: 43 Resp: 12218

Ion	Ratio	Lower	Upper
43	100		
72	0.4	14.4	43.2#

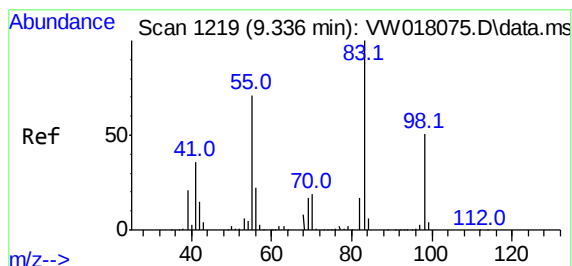
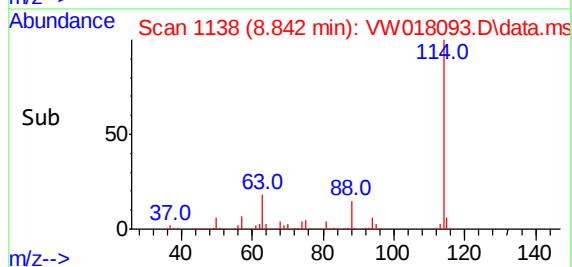
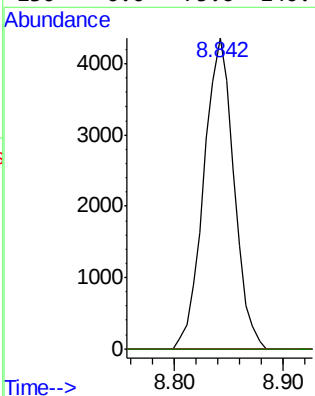
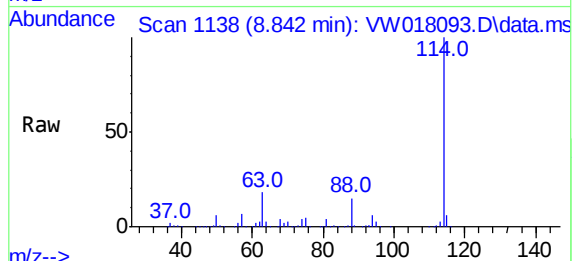




#35
Trichloroethene
Concen: 2.69 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018093.D
Acq: 11 Feb 2021 18:25

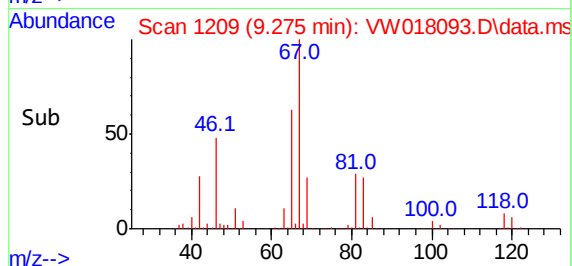
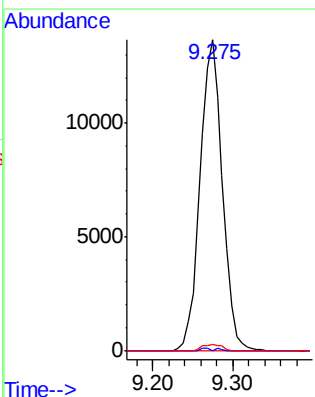
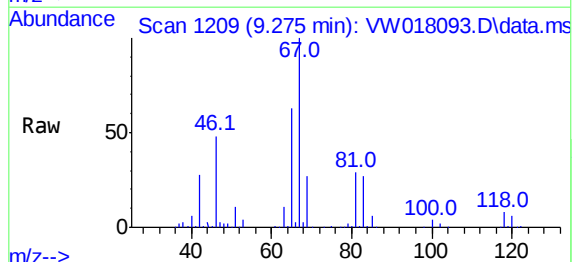
Instrument :
MSVOA_W
ClientSampleId :
DBH02RE

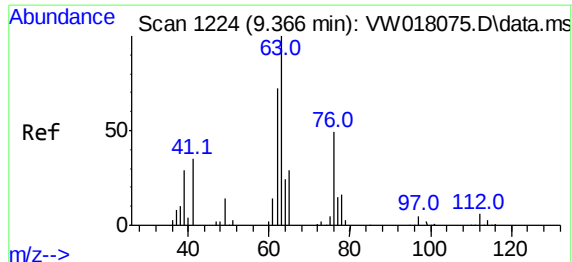
Tgt Ion:	95	Resp:	8352
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.6	71.0	131.8#
130	0.0	75.6	140.4#



#36
Methylcyclohexane
Concen: 5.05 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018093.D
Acq: 11 Feb 2021 18:25

Tgt Ion:	83	Resp:	26344
Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.4	89.0#
98	1.7	40.7	61.1#

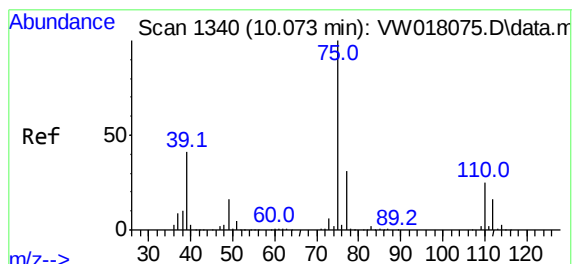
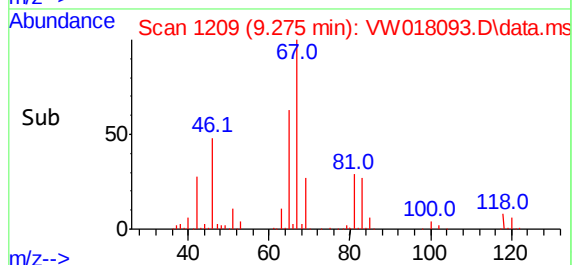
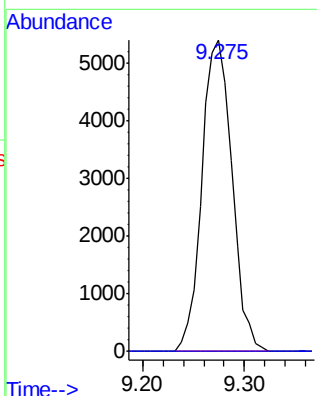
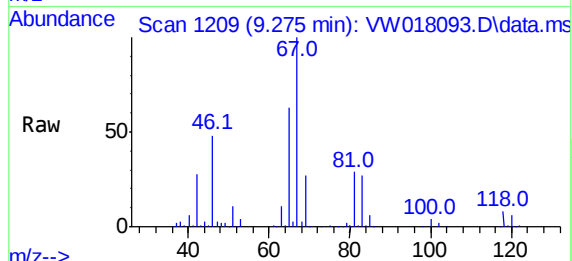




#40
1,2-Dichloropropane
Concen: 4.38 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018093.D
Acq: 11 Feb 2021 18:25

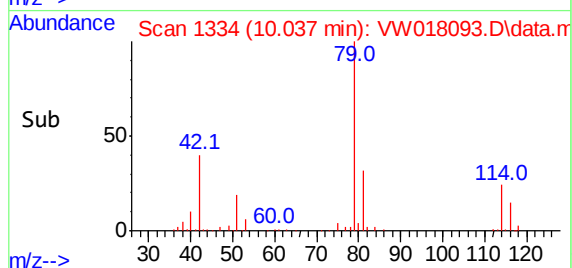
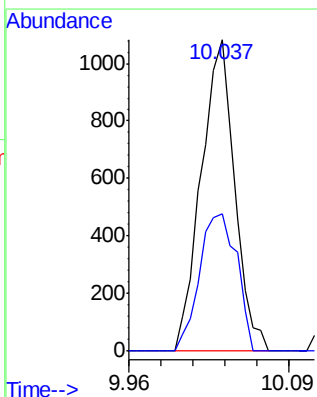
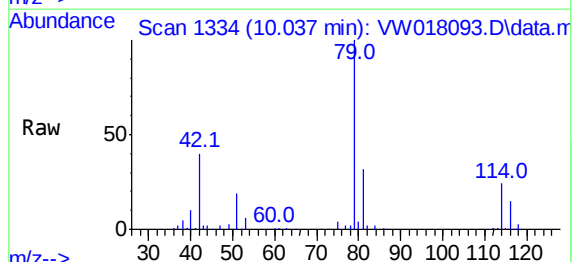
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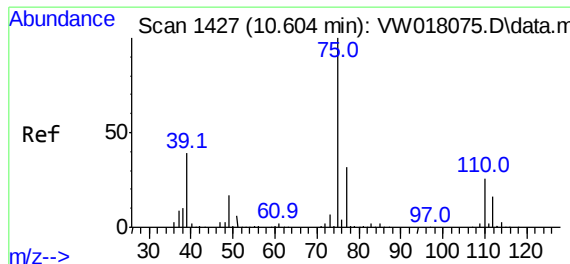
Tgt Ion: 63 Resp: 11067
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.48 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018093.D
Acq: 11 Feb 2021 18:25

Tgt Ion: 75 Resp: 1938
Ion Ratio Lower Upper
75 100
77 44.0 22.7 42.3#

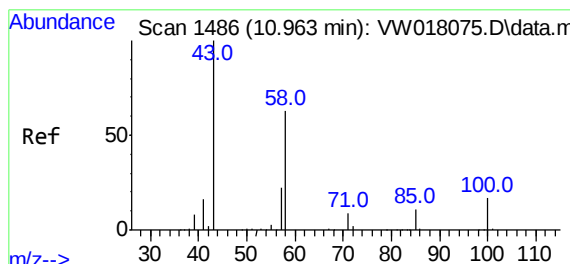
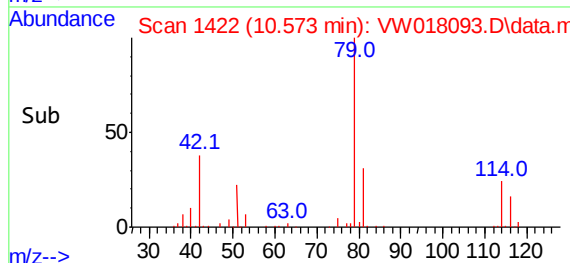
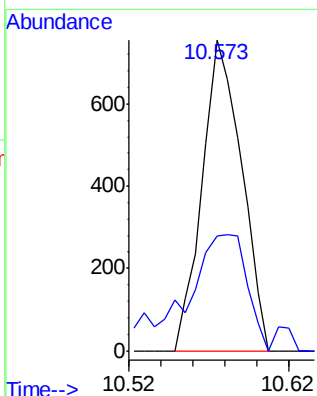
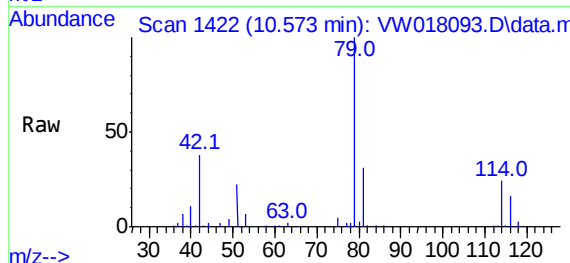




#45
trans-1,3-Dichloropropene
Concen: 0.34 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018093.D
Acq: 11 Feb 2021 18:25

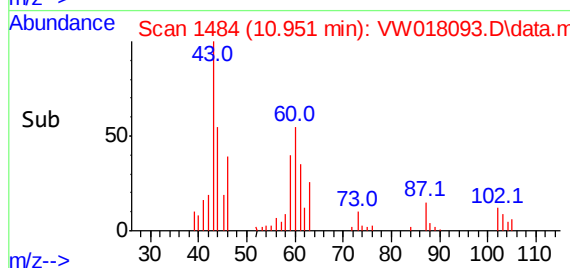
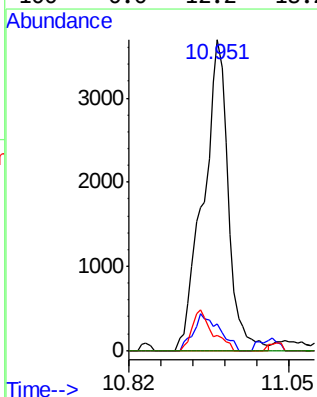
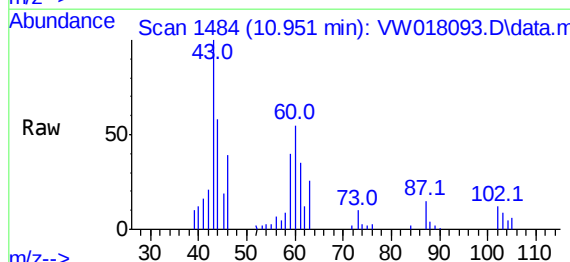
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MSVOA_W
ClientSampled :
DBH02RE

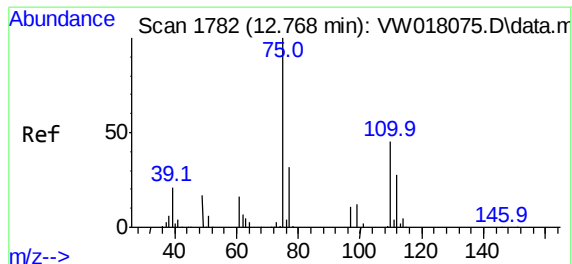
Tgt Ion: 75 Resp: 1204
Ion Ratio Lower Upper
75 100
77 37.0 22.6 42.0



#49
2-Hexanone
Concen: 8.47 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.012 min
Lab File: VW018093.D
Acq: 11 Feb 2021 18:25

Tgt Ion: 43 Resp: 9252
Ion Ratio Lower Upper
43 100
58 11.6 51.3 76.9#
57 8.6 15.0 22.6#
100 0.0 12.2 18.2#





#59
1,2,3-Trichloropropane
Concen: 2.77 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018093.D
Acq: 11 Feb 2021 18:25

Instrument :
MSVOA_W
ClientSampleId :
DBH02RE

Tgt Ion: 75 Resp: 5358
Ion Ratio Lower Upper
75 100
77 34.1 26.6 39.8

