

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018102.D
 Acq On : 12 Feb 2021 12:00
 Operator : SY/VA
 Sample : M1371-11
 Misc : 7.57G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH21

Quant Time: Feb 12 22:43:46 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)

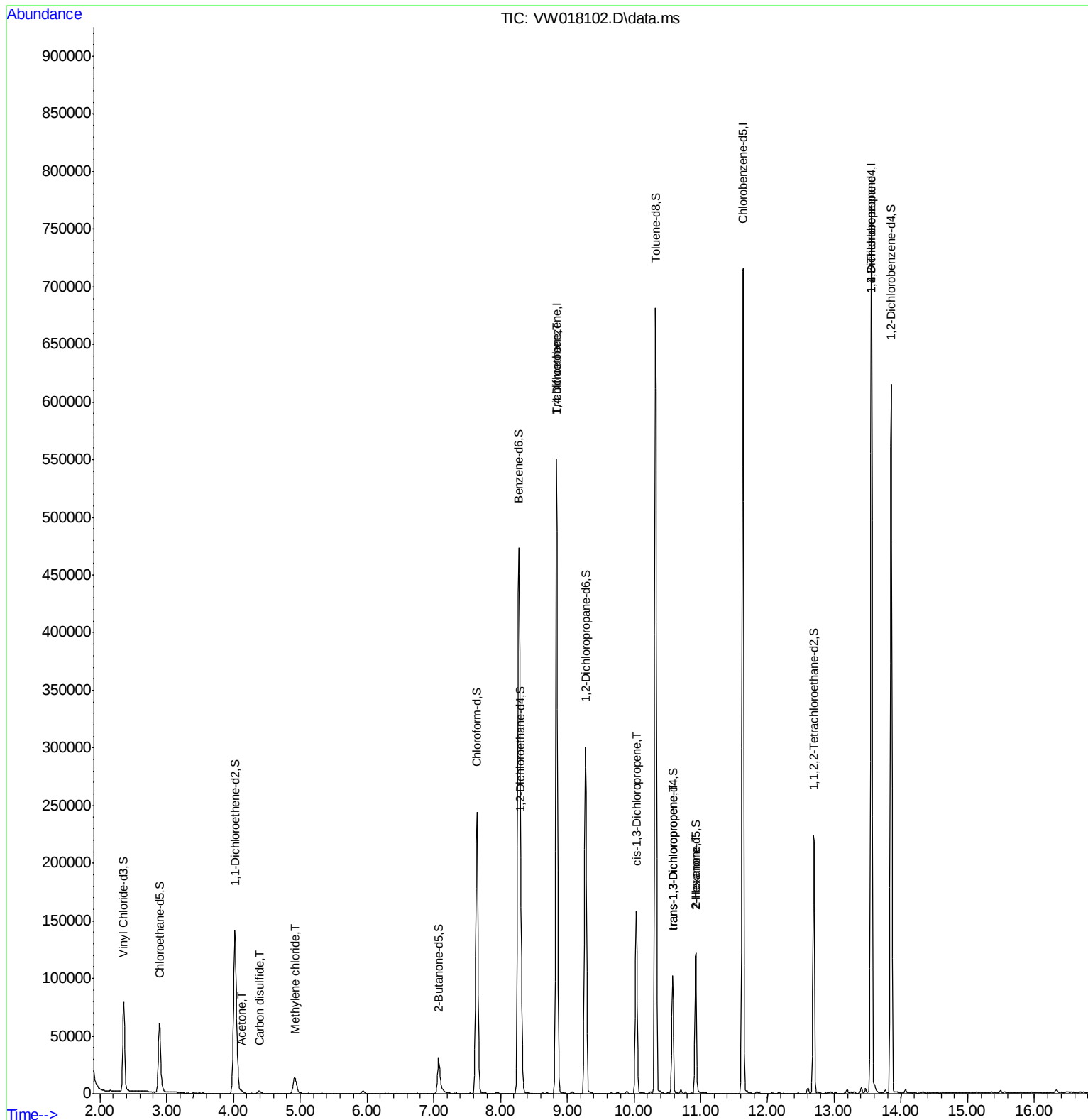
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	485810	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	440655	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	217234	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	95721	15.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.40%		
7) Chloroethane-d5	2.892	69	86284	18.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.04%		
10) 1,1-Dichloroethene-d2	4.026	63	156912	13.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	52.00%		
20) 2-Butanone-d5	7.074	46	52051	32.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.62%		
24) Chloroform-d	7.647	84	259752	20.37	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.48%		
26) 1,2-Dichloroethane-d4	8.305	65	128881	18.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.92%		
29) Benzene-d6	8.275	84	508565	21.02	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.08%		
33) 1,2-Dichloropropane-d6	9.275	67	142471	21.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.20%		
37) Toluene-d8	10.323	98	471901	20.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.00%		
38) trans-1,3-Dichloroprop...	10.579	79	58644	19.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.48%		
39) 2-Hexanone-d5	10.921	63	44957	34.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.50%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	110883	18.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	74.60%		
61) 1,2-Dichlorobenzene-d4	13.853	152	168776	21.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.12%		
Target Compounds						
13) Acetone	4.117	43	3119	2.62	ug/L	82
14) Carbon disulfide	4.391	76	5028	0.27	ug/L	97
16) Methylene chloride	4.928	84	13580	1.74	ug/L	87
35) Trichloroethene	8.842	95	14363	1.98	ug/L #	3
42) cis-1,3-Dichloropropene	10.037	75	4050	0.43	ug/L #	51
45) trans-1,3-Dichloropropene	10.579	75	2473	0.30	ug/L #	79
49) 2-Hexanone	10.927	43	4881	1.91	ug/L #	59
59) 1,2,3-Trichloropropane	13.554	75	22220	4.91	ug/L	100

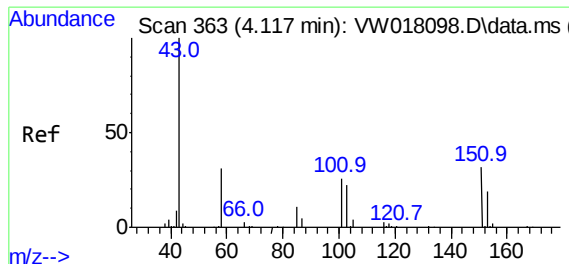
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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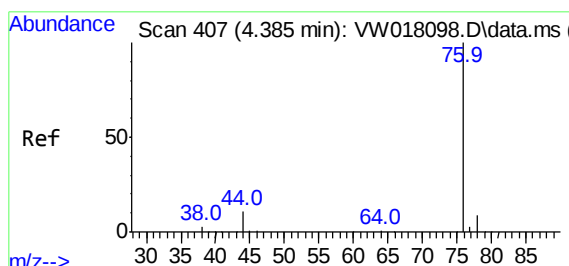
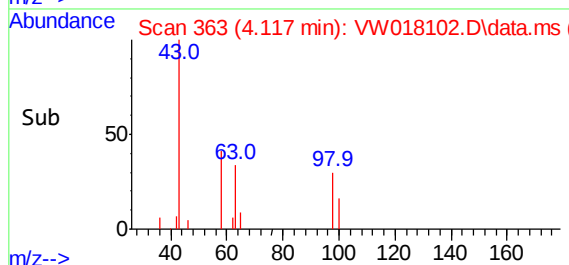
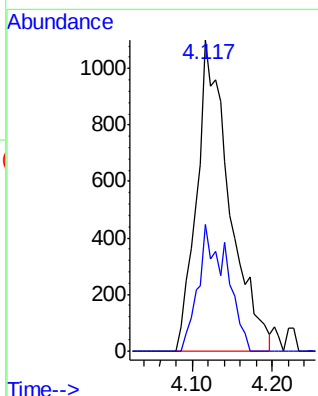
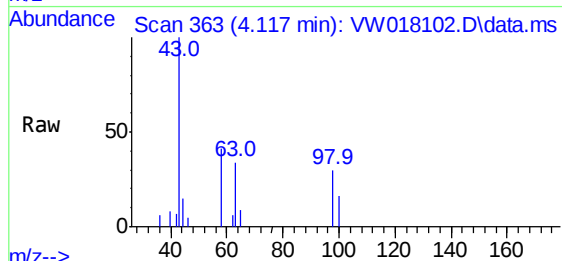




#13
Acetone
Concen: 2.62 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018102.D
Acq: 12 Feb 2021 12:00

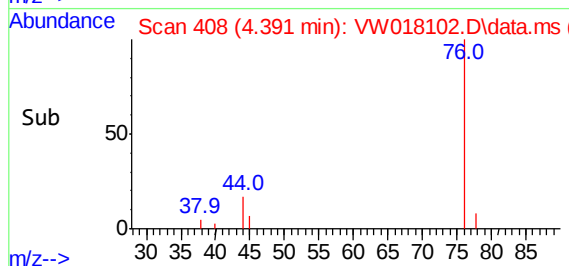
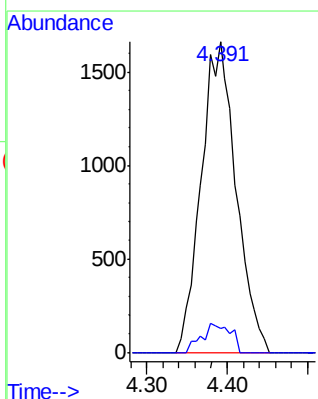
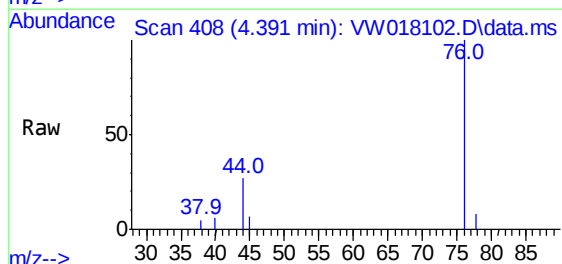
Instrument :
MSVOA_W
ClientSampled :
DBH21

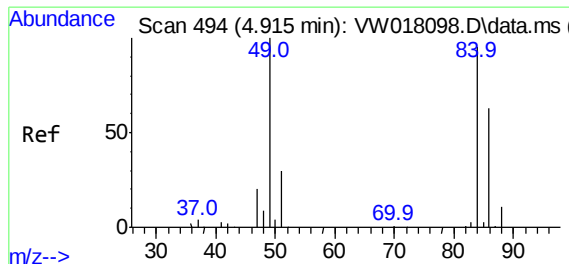
Tgt Ion: 43 Resp: 3119
Ion Ratio Lower Upper
43 100
58 23.7 0.0 68.4



#14
Carbon disulfide
Concen: 0.27 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018102.D
Acq: 12 Feb 2021 12:00

Tgt Ion: 76 Resp: 5028
Ion Ratio Lower Upper
76 100
78 7.8 7.0 10.4



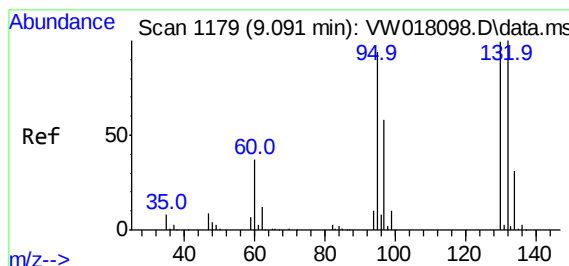
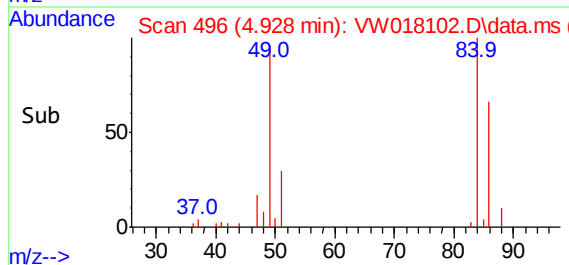
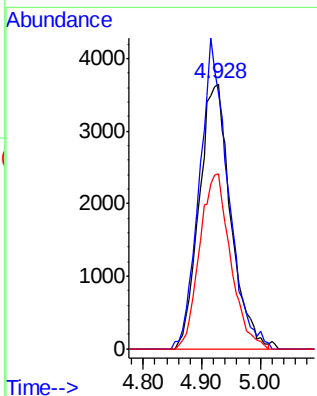
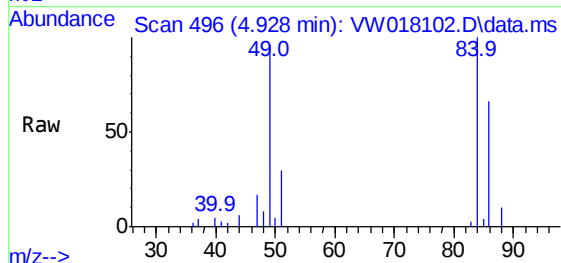


#16
Methylene chloride
Concen: 1.74 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018102.D
Acq: 12 Feb 2021 12:00

Instrument :
MSVOA_W
ClientSampleId :
DBH21

Tgt Ion: 84 Resp: 13580

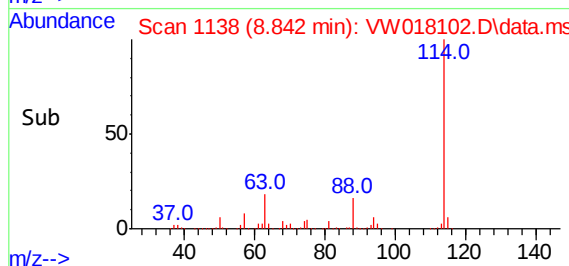
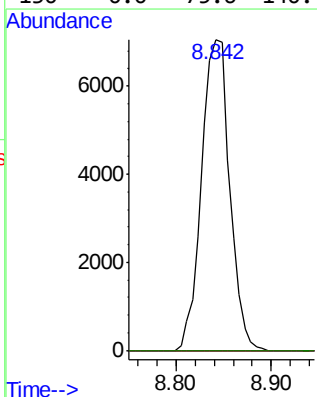
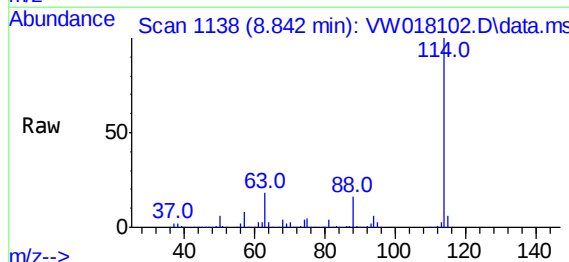
Ion	Ratio	Lower	Upper
84	100		
49	96.4	81.2	150.8
86	66.2	44.5	82.7

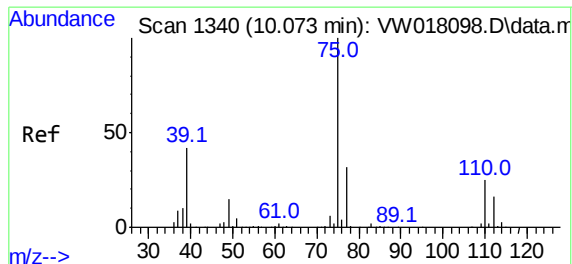


#35
Trichloroethene
Concen: 1.98 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018102.D
Acq: 12 Feb 2021 12:00

Tgt Ion: 95 Resp: 14363

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#

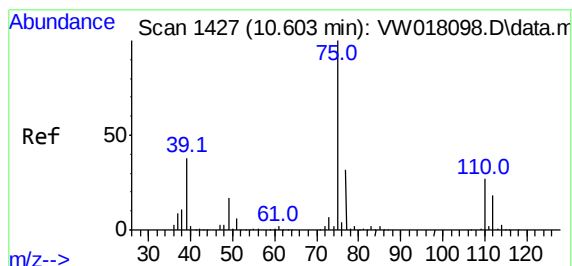
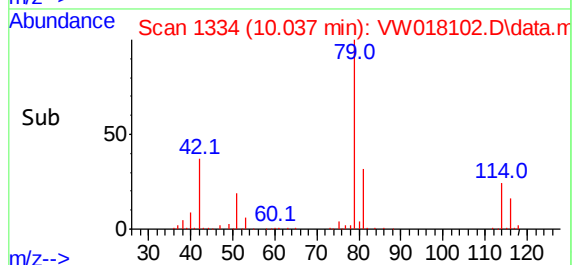
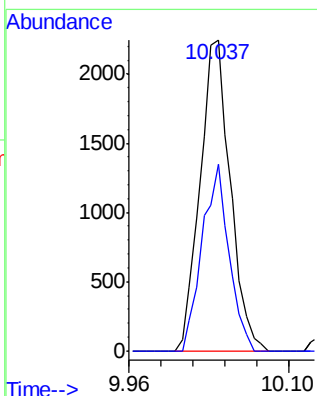
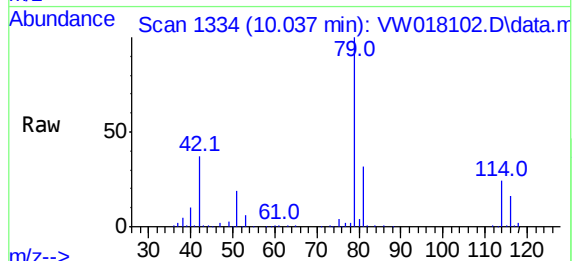




#42
cis-1,3-Dichloropropene
Concen: 0.43 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018102.D
Acq: 12 Feb 2021 12:00

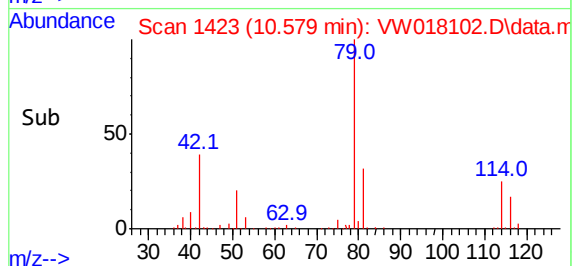
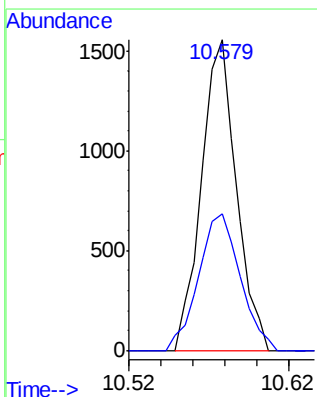
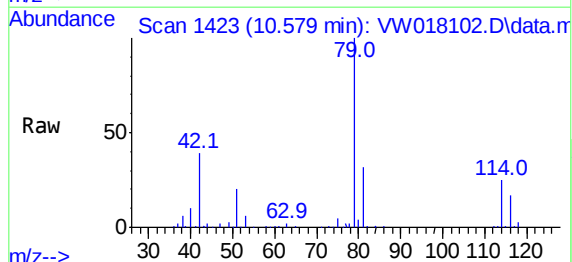
Instrument :
MSVOA_W
ClientSampleID :
DBH21

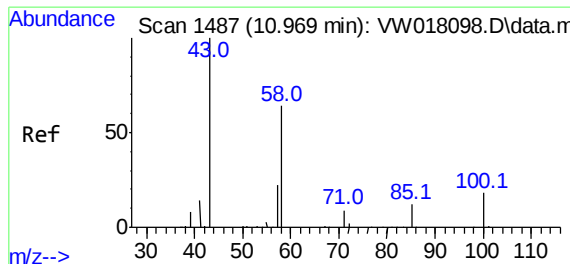
Tgt Ion: 75 Resp: 4050
Ion Ratio Lower Upper
75 100
77 60.0 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.30 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018102.D
Acq: 12 Feb 2021 12:00

Tgt Ion: 75 Resp: 2473
Ion Ratio Lower Upper
75 100
77 44.1 22.6 42.0#



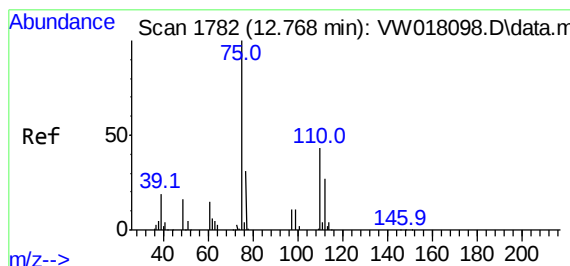
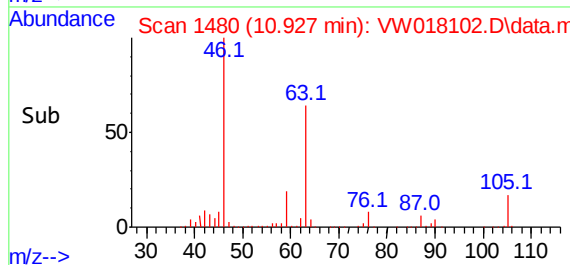
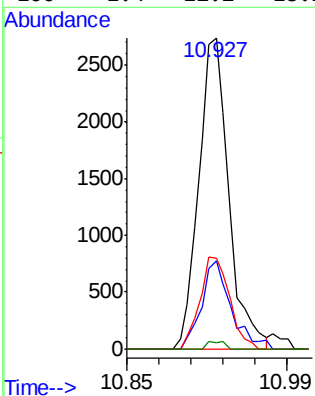
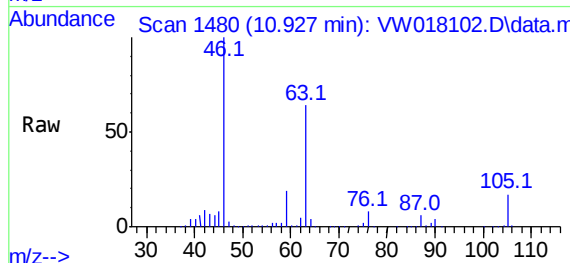


#49
2-Hexanone
Concen: 1.91 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.042 min
Lab File: VW018102.D
Acq: 12 Feb 2021 12:00

Instrument :
MSVOA_W
ClientSampleId :
DBH21

Tgt Ion: 43 Resp: 4881

Ion	Ratio	Lower	Upper
43	100		
58	26.7	51.3	76.9#
57	29.3	15.0	22.6#
100	1.4	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 4.91 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018102.D
Acq: 12 Feb 2021 12:00

Tgt Ion: 75 Resp: 22220

Ion	Ratio	Lower	Upper
75	100		
77	32.9	26.6	39.8

