

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018103.D
 Acq On : 12 Feb 2021 12:23
 Operator : SY/VA
 Sample : M1371-13
 Misc : 7.01G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH24

Quant Time: Feb 12 22:44:02 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)

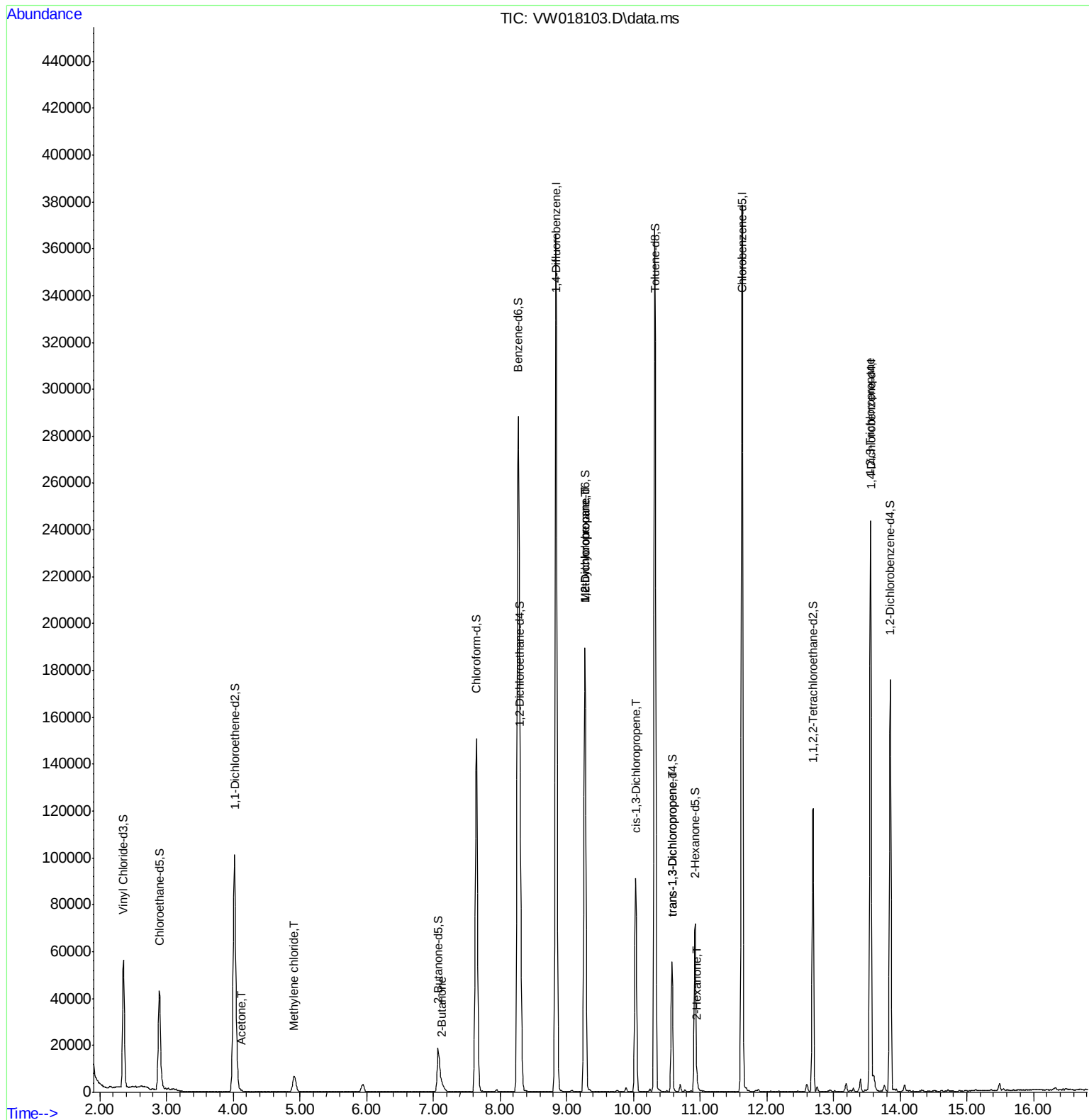
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	325740	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	229366	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	68494	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	63126	15.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	62.36%		
7) Chloroethane-d5	2.891	69	56946	17.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.88%		
10) 1,1-Dichloroethene-d2	4.019	63	102641	12.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	50.72%		
20) 2-Butanone-d5	7.074	46	31745	29.38	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	58.76%		
24) Chloroform-d	7.647	84	160349	18.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.04%		
26) 1,2-Dichloroethane-d4	8.305	65	83411	18.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	73.28%		
29) Benzene-d6	8.275	84	306767	24.36	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.44%		
33) 1,2-Dichloropropane-d6	9.274	67	88593	25.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.60%		
37) Toluene-d8	10.323	98	249469	20.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.28%		
38) trans-1,3-Dichloroprop...	10.579	79	32506	20.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.44%		
39) 2-Hexanone-d5	10.927	63	25775	38.27	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.54%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	59691	19.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	77.16%		
61) 1,2-Dichlorobenzene-d4	13.853	152	48793	19.97	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.88%		
Target Compounds						
13) Acetone	4.123	43	463	0.58	ug/L	91
16) Methylene chloride	4.915	84	6130	1.17	ug/L	91
21) 2-Butanone	7.135	43	1365	1.12	ug/L #	46
36) Methylcyclohexane	9.274	83	23380	3.68	ug/L #	20
40) 1,2-Dichloropropane	9.274	63	9868	3.21	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	2205	0.44	ug/L #	54
45) trans-1,3-Dichloropropene	10.579	75	1418	0.33	ug/L	100
49) 2-Hexanone	10.951	43	1613	1.21	ug/L #	33
59) 1,2,3-Trichloropropane	13.554	75	7067	3.00	ug/L	99

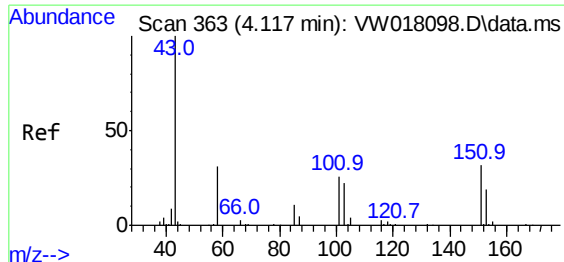
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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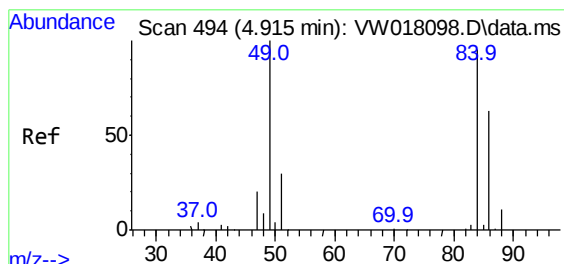
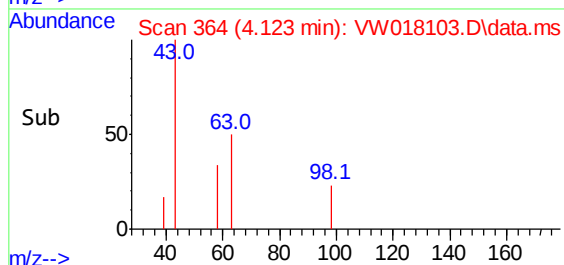
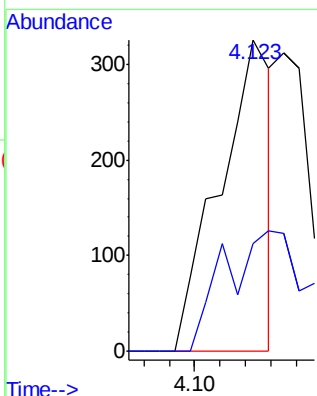
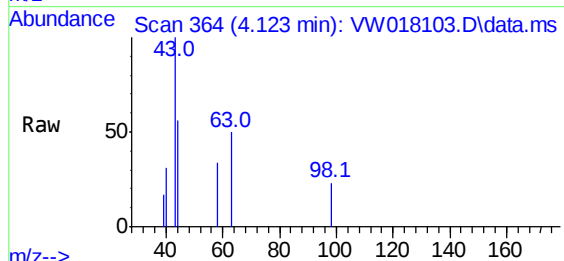




#13
Acetone
Concen: 0.58 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018103.D
Acq: 12 Feb 2021 12:23

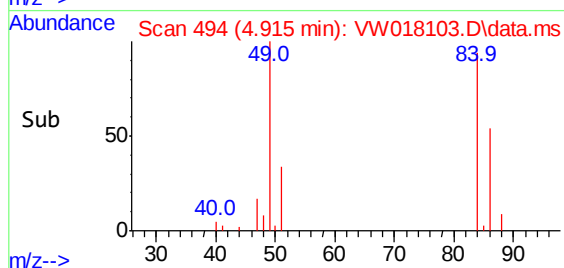
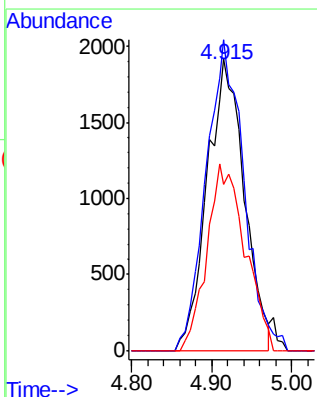
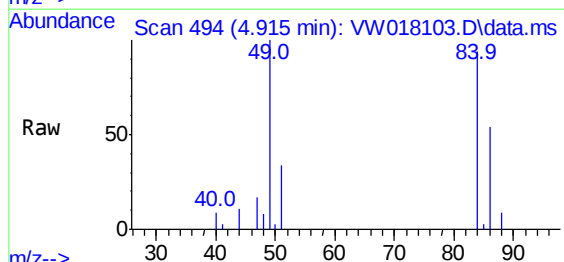
Instrument :
MSVOA_W
ClientSampled :
DBH24

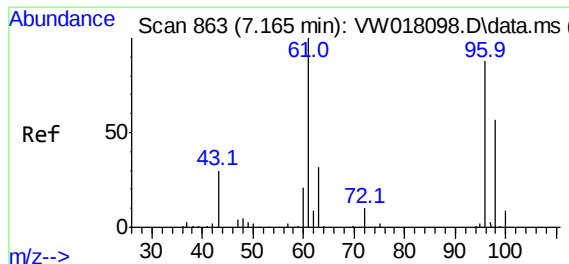
Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
58 39.3 0.0 68.4



#16
Methylene chloride
Concen: 1.17 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018103.D
Acq: 12 Feb 2021 12:23

Tgt Ion: 84 Resp: 6130
Ion Ratio Lower Upper
84 100
49 106.5 81.2 150.8
86 57.0 44.5 82.7

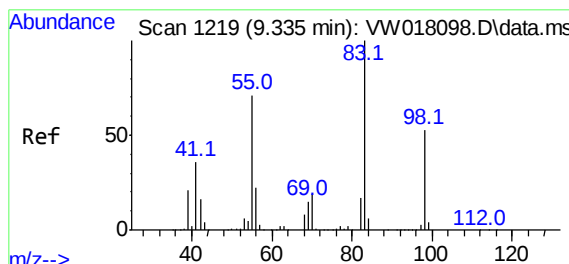
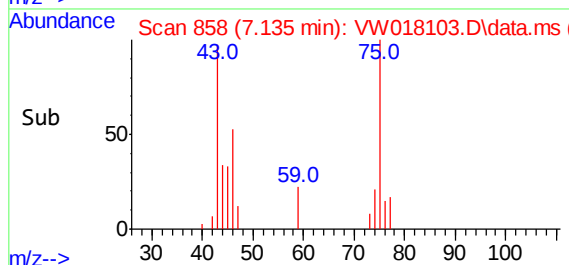
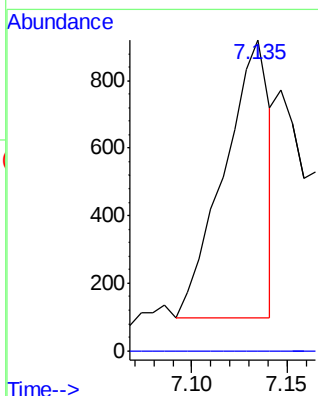
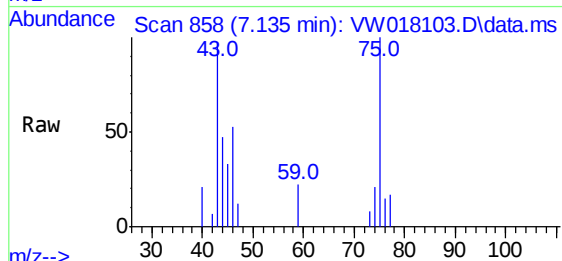




#21
2-Butanone
Concen: 1.12 ug/L
RT: 7.135 min Scan# 858
Delta R.T. -0.030 min
Lab File: VW018103.D
Acq: 12 Feb 2021 12:23

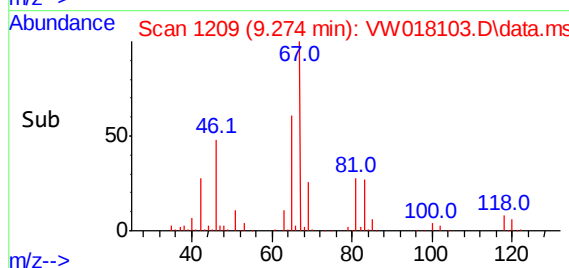
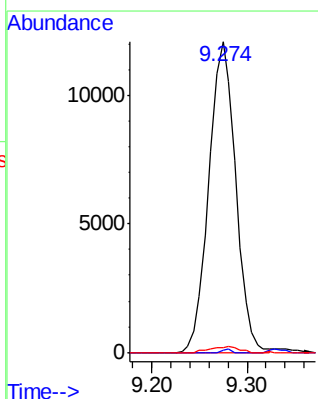
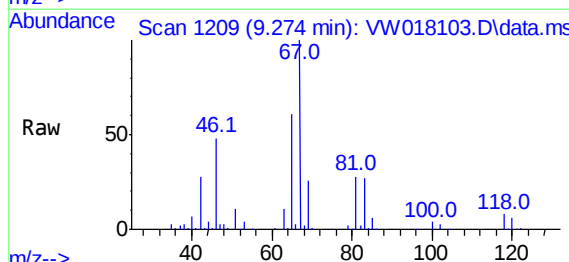
Instrument :
MSVOA_W
ClientSampled :
DBH24

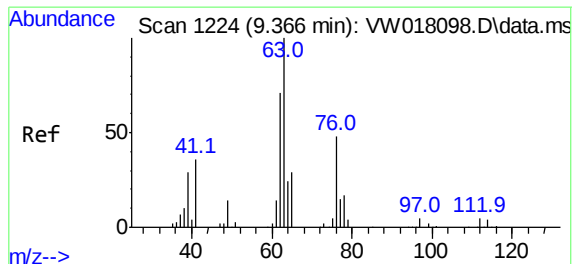
Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#36
Methylcyclohexane
Concen: 3.68 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018103.D
Acq: 12 Feb 2021 12:23

Tgt Ion: 83 Resp: 23380
Ion Ratio Lower Upper
83 100
55 0.3 59.4 89.0#
98 1.9 40.7 61.1#

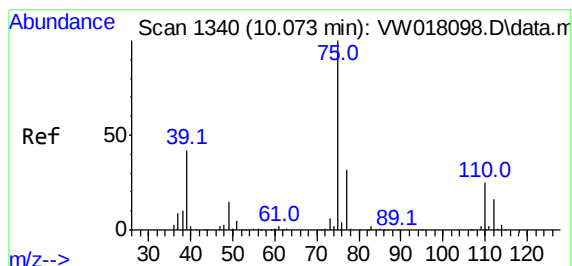
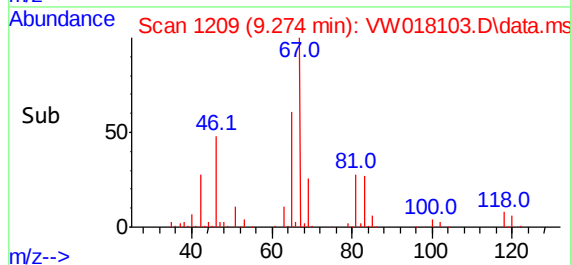
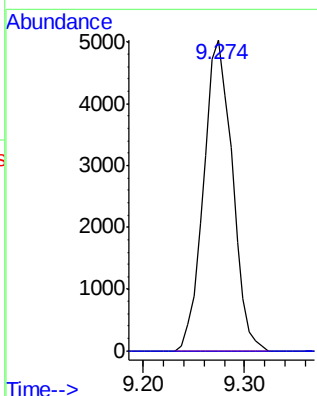
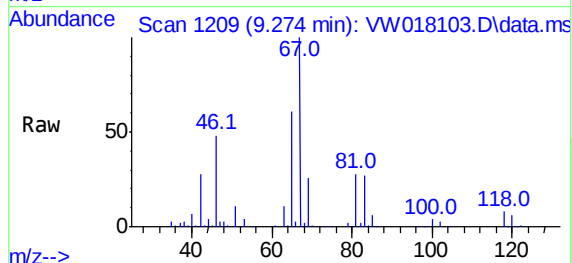




#40
1,2-Dichloropropane
Concen: 3.21 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018103.D
Acq: 12 Feb 2021 12:23

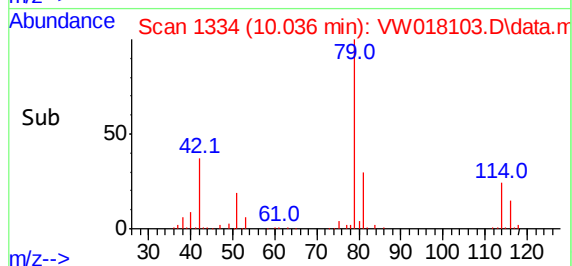
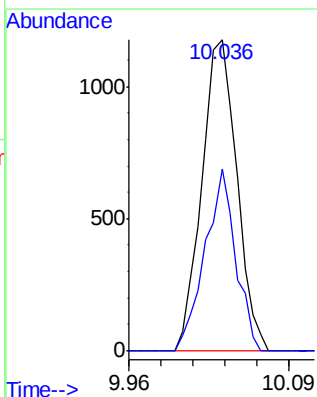
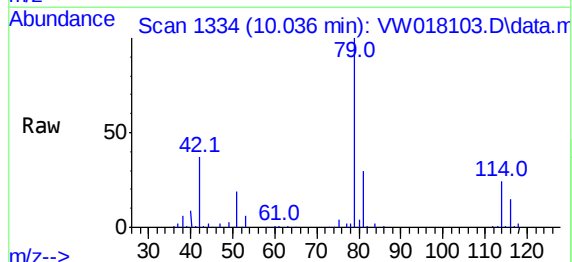
Instrument :
MSVOA_W
ClientSampleId :
DBH24

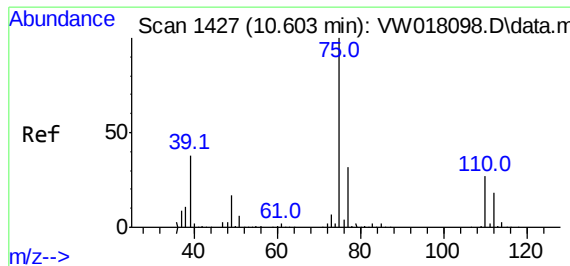
Tgt Ion: 63 Resp: 9868
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.44 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018103.D
Acq: 12 Feb 2021 12:23

Tgt Ion: 75 Resp: 2205
Ion Ratio Lower Upper
75 100
77 58.3 22.7 42.3#

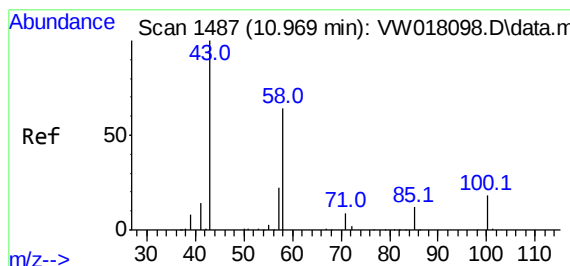
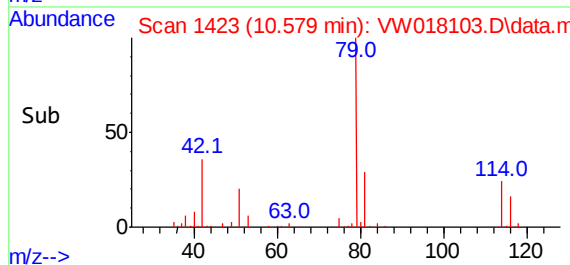
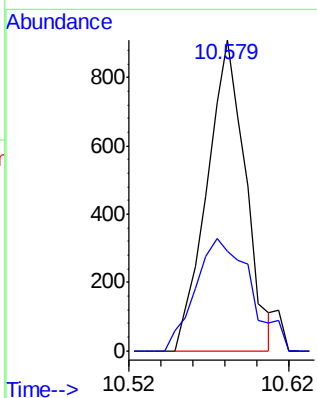
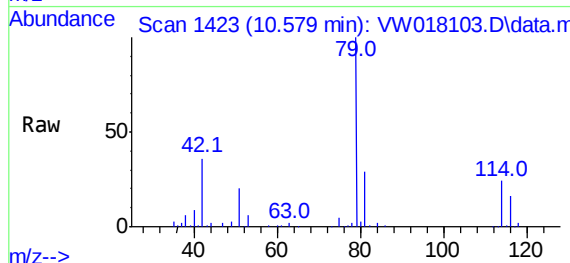




#45
trans-1,3-Dichloropropene
Concen: 0.33 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018103.D
Acq: 12 Feb 2021 12:23

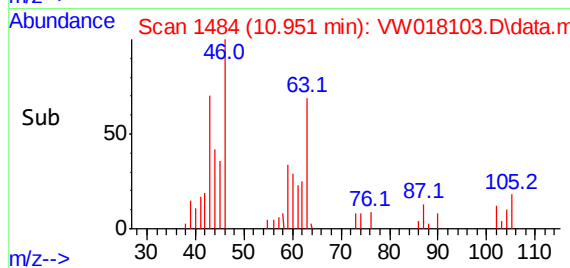
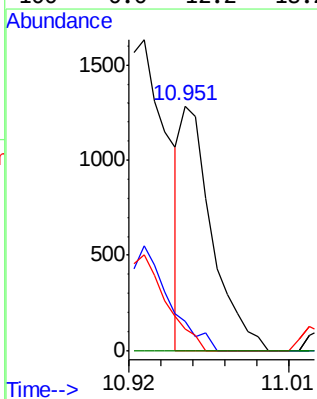
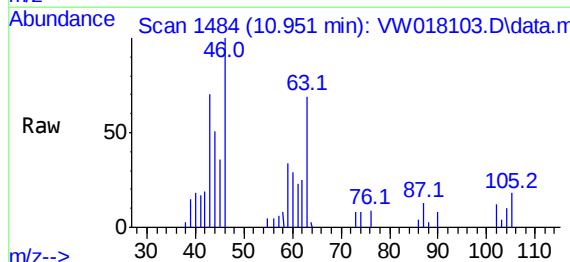
Instrument :
MSVOA_W
ClientSampled :
DBH24

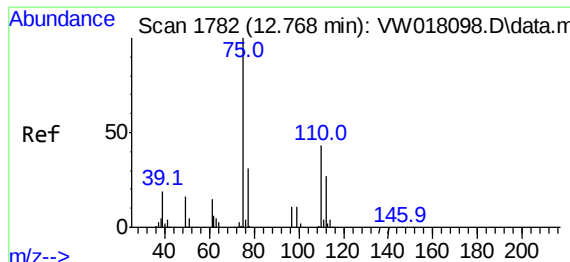
Tgt Ion: 75 Resp: 1418
Ion Ratio Lower Upper
75 100
77 32.1 22.6 42.0



#49
2-Hexanone
Concen: 1.21 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.018 min
Lab File: VW018103.D
Acq: 12 Feb 2021 12:23

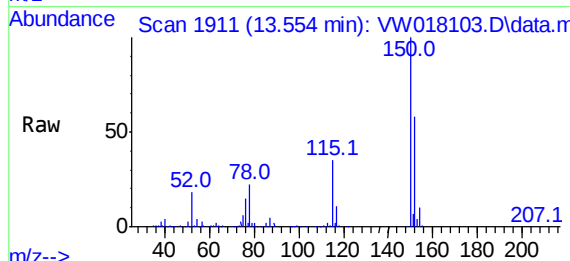
Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 0.0 51.3 76.9#
57 0.0 15.0 22.6#
100 0.0 12.2 18.2#





#59
1,2,3-Trichloropropane
Concen: 3.00 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018103.D
Acq: 12 Feb 2021 12:23

Instrument :
MSVOA_W
ClientSampleId :
DBH24



Tgt Ion: 75 Resp: 7067
Ion Ratio Lower Upper
75 100
77 32.6 26.6 39.8

