

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018173.D
 Acq On : 16 Feb 2021 19:27
 Operator : SY/VA
 Sample : M1414-16
 Misc : 5.14G/10ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH08

Quant Time: Feb 17 01:09:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 01:02:43 2021
 Response via : Initial Calibration

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

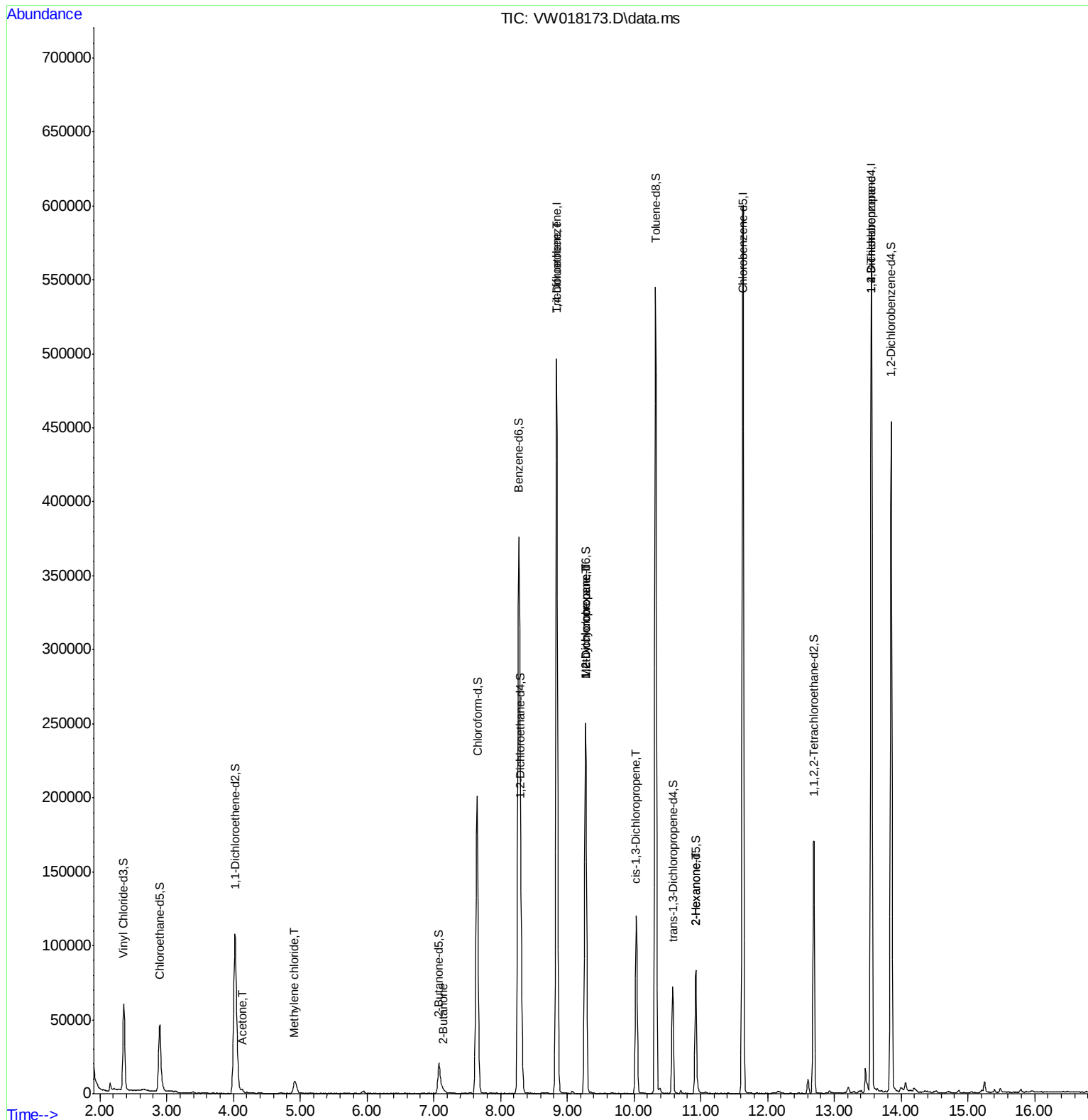
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	440578	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	370113	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	169696	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	67949	12.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	49.64%		
7) Chloroethane-d5	2.897	69	65420	15.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.20%		
10) 1,1-Dichloroethene-d2	4.025	63	118527	10.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	43.32%#		
20) 2-Butanone-d5	7.079	46	34493	23.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	47.22%		
24) Chloroform-d	7.653	84	213680	18.48	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.92%		
26) 1,2-Dichloroethane-d4	8.305	65	100942	16.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	65.56%#		
29) Benzene-d6	8.274	84	408689	20.11	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.44%		
33) 1,2-Dichloropropane-d6	9.274	67	118379	20.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	83.32%		
37) Toluene-d8	10.323	98	371351	19.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	76.84%		
38) trans-1,3-Dichloroprop...	10.579	79	41621	16.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	64.60%		
39) 2-Hexanone-d5	10.926	63	30065	27.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	55.34%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	84775	16.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	67.92%		
61) 1,2-Dichlorobenzene-d4	13.853	152	124879	20.63	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.52%		
Target Compounds						
13) Acetone	4.135	43	4447	4.11	ug/L	95
16) Methylene chloride	4.915	84	7734	1.10	ug/L	93
21) 2-Butanone	7.140	43	1628	0.99	ug/L #	46
35) Trichloroethene	8.841	95	12723	2.09	ug/L #	3
36) Methylcyclohexane	9.274	83	30921	3.02	ug/L #	20
40) 1,2-Dichloropropane	9.274	63	13347	2.69	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	2927	0.37	ug/L #	62
49) 2-Hexanone	10.926	43	3435	1.60	ug/L #	63
59) 1,2,3-Trichloropropane	13.554	75	16700	4.40	ug/L	100

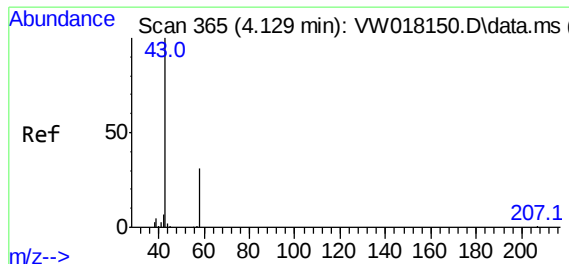
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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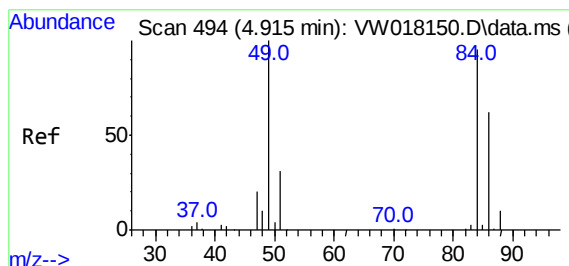
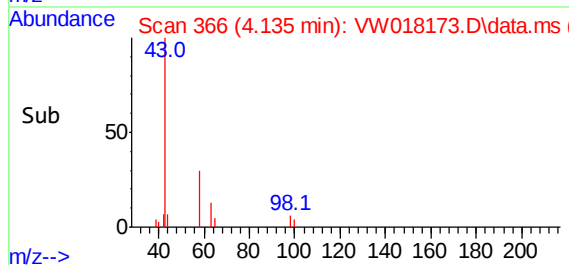
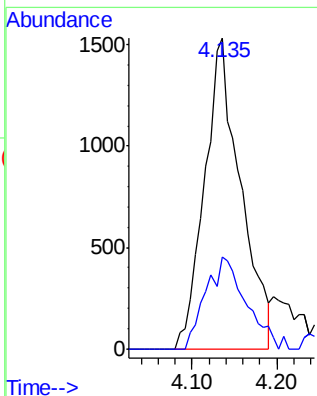
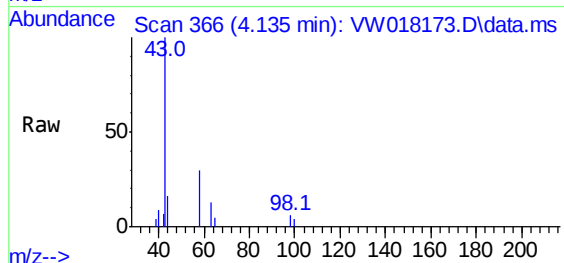




#13
Acetone
Concen: 4.11 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW018173.D
Acq: 16 Feb 2021 19:27

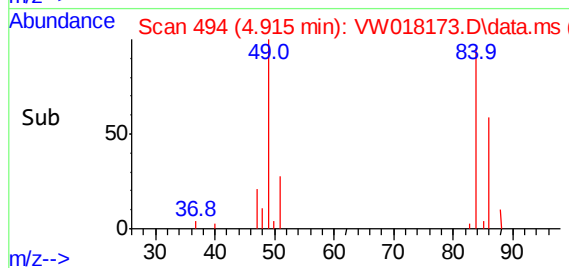
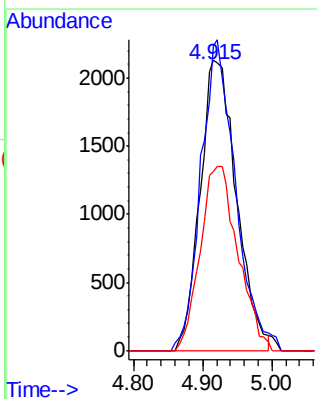
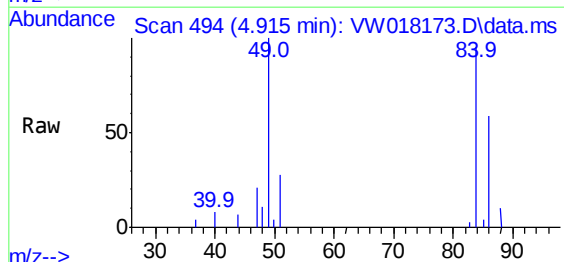
Instrument :
MSVOA_W
ClientSampled :
DBH08

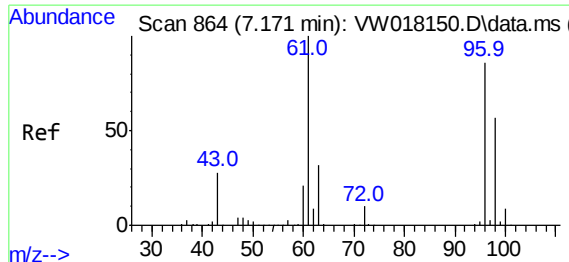
Tgt Ion: 43 Resp: 4447
Ion Ratio Lower Upper
43 100
58 31.4 0.0 68.4



#16
Methylene chloride
Concen: 1.10 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018173.D
Acq: 16 Feb 2021 19:27

Tgt Ion: 84 Resp: 7734
Ion Ratio Lower Upper
84 100
49 105.0 81.2 150.8
86 61.6 44.5 82.7

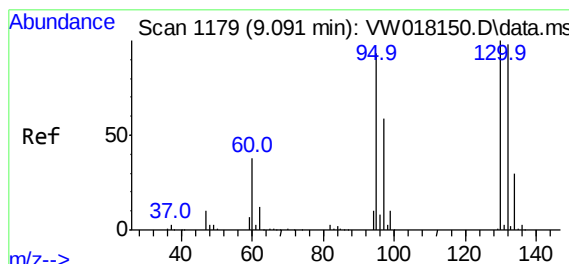
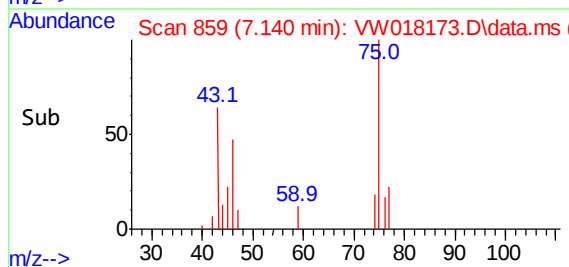
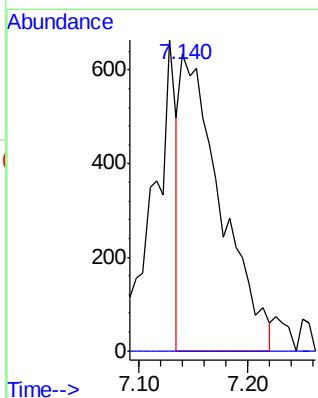
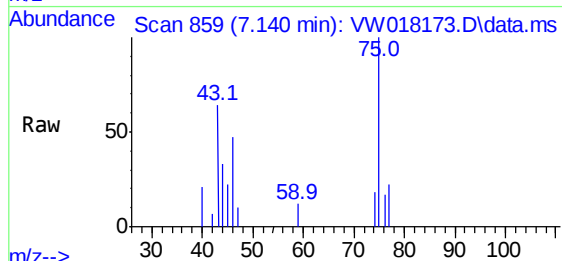




#21
2-Butanone
Concen: 0.99 ug/L
RT: 7.140 min Scan# 859
Delta R.T. -0.031 min
Lab File: VW018173.D
Acq: 16 Feb 2021 19:27

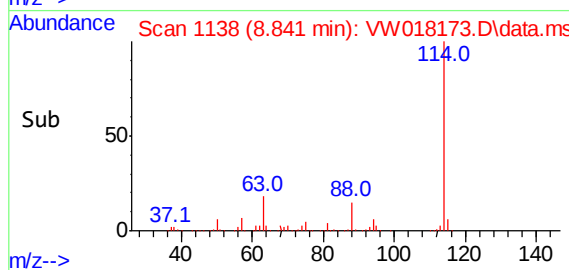
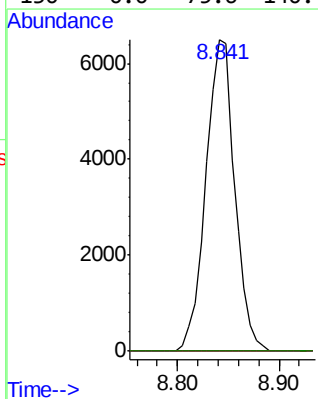
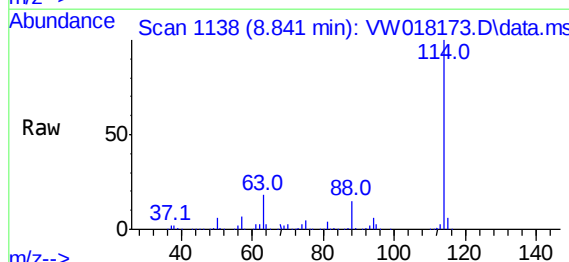
Instrument :
MSVOA_W
ClientSampled :
DBH08

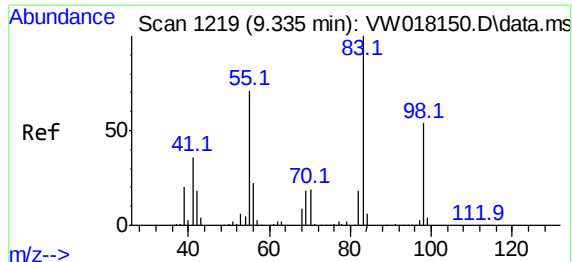
Tgt Ion: 43 Resp: 1628
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#35
Trichloroethene
Concen: 2.09 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018173.D
Acq: 16 Feb 2021 19:27

Tgt Ion: 95 Resp: 12723
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#

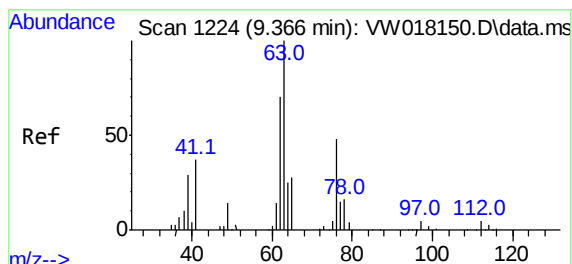
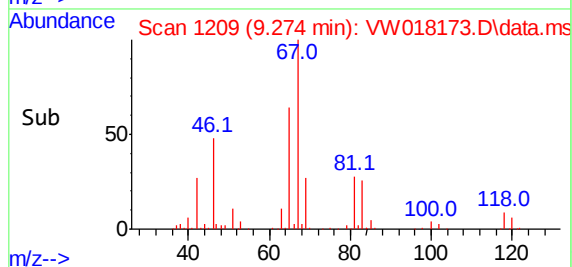
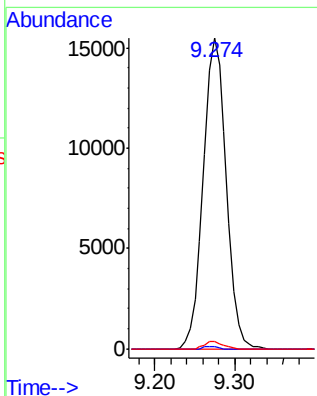
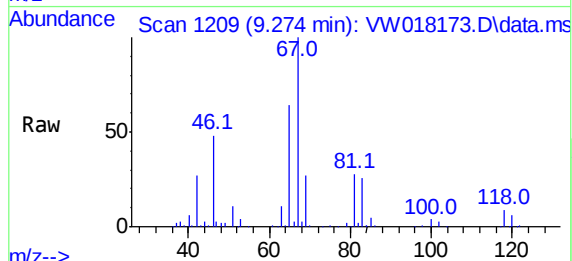




#36
Methylcyclohexane
Concen: 3.02 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018173.D
Acq: 16 Feb 2021 19:27

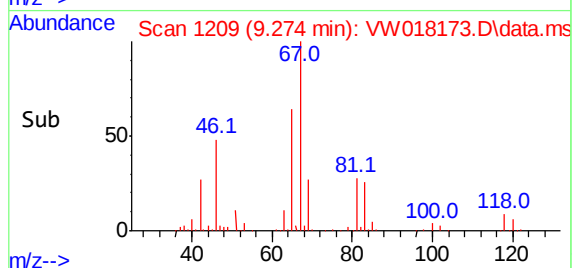
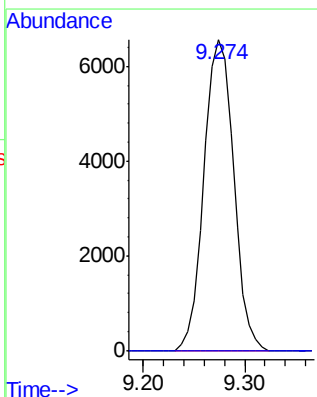
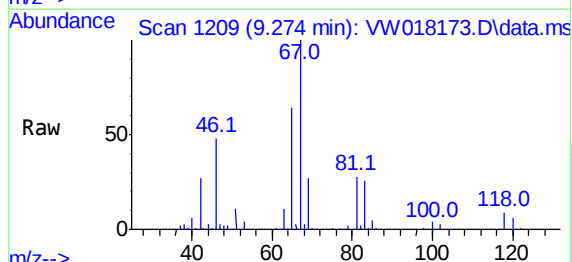
Instrument :
MSVOA_W
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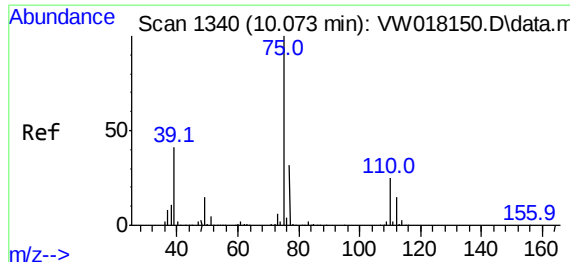
Tgt Ion: 83 Resp: 30921
Ion Ratio Lower Upper
83 100
55 0.4 59.4 89.0#
98 1.9 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 2.69 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018173.D
Acq: 16 Feb 2021 19:27

Tgt Ion: 63 Resp: 13347
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

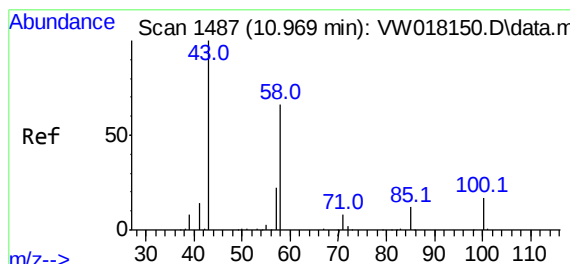
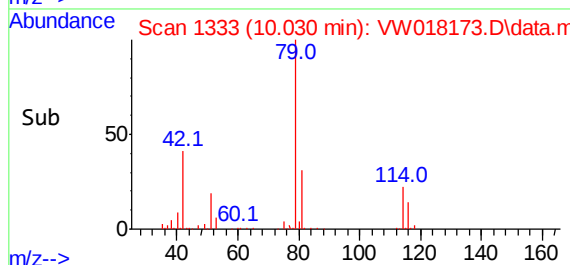
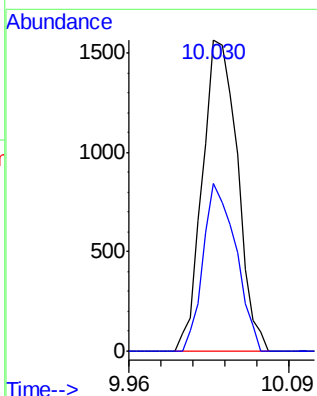
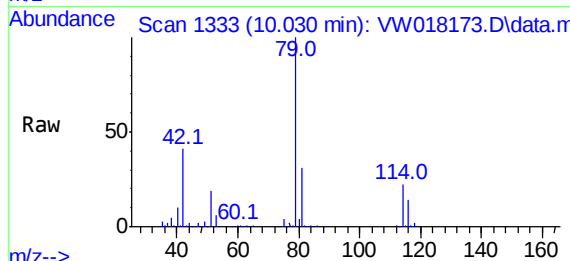




#42
cis-1,3-Dichloropropene
Concen: 0.37 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018173.D
Acq: 16 Feb 2021 19:27

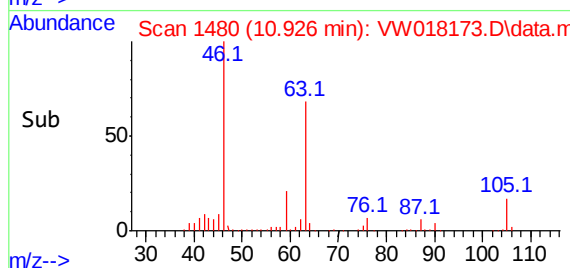
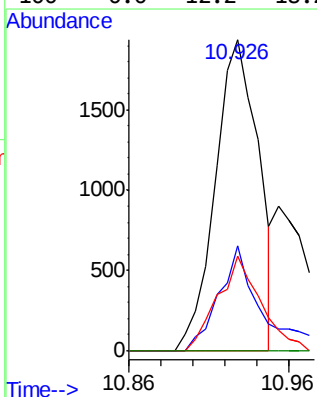
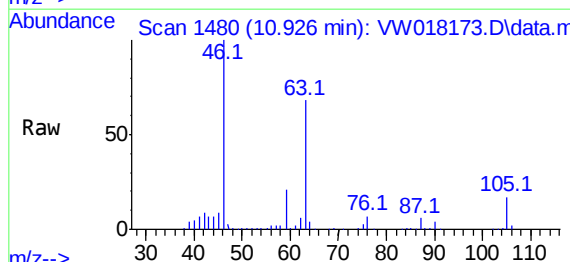
Instrument :
MSVOA_W
ClientSampleId :
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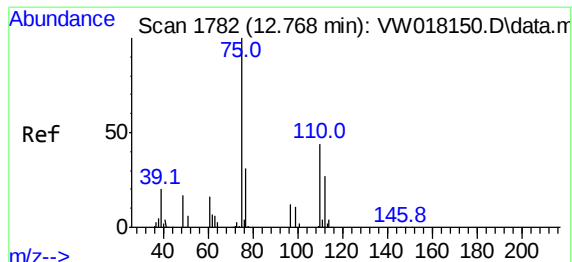
Tgt Ion: 75 Resp: 2927
Ion Ratio Lower Upper
75 100
77 53.8 22.7 42.3#



#49
2-Hexanone
Concen: 1.60 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018173.D
Acq: 16 Feb 2021 19:27

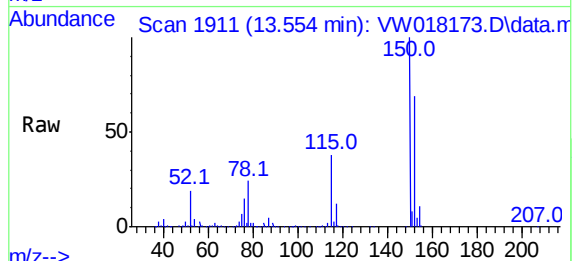
Tgt Ion: 43 Resp: 3435
Ion Ratio Lower Upper
43 100
58 31.8 51.3 76.9#
57 30.1 15.0 22.6#
100 0.0 12.2 18.2#





#59
1,2,3-Trichloropropane
Concen: 4.40 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018173.D
Acq: 16 Feb 2021 19:27

Instrument :
MSVOA_W
ClientSampleId :
DBH08



Tgt Ion: 75 Resp: 16700
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8

