

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018159.D
 Acq On : 16 Feb 2021 13:51
 Operator : SY/VA
 Sample : M1414-02
 Misc : 5.32G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBG7

Quant Time: Feb 17 01:05:25 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

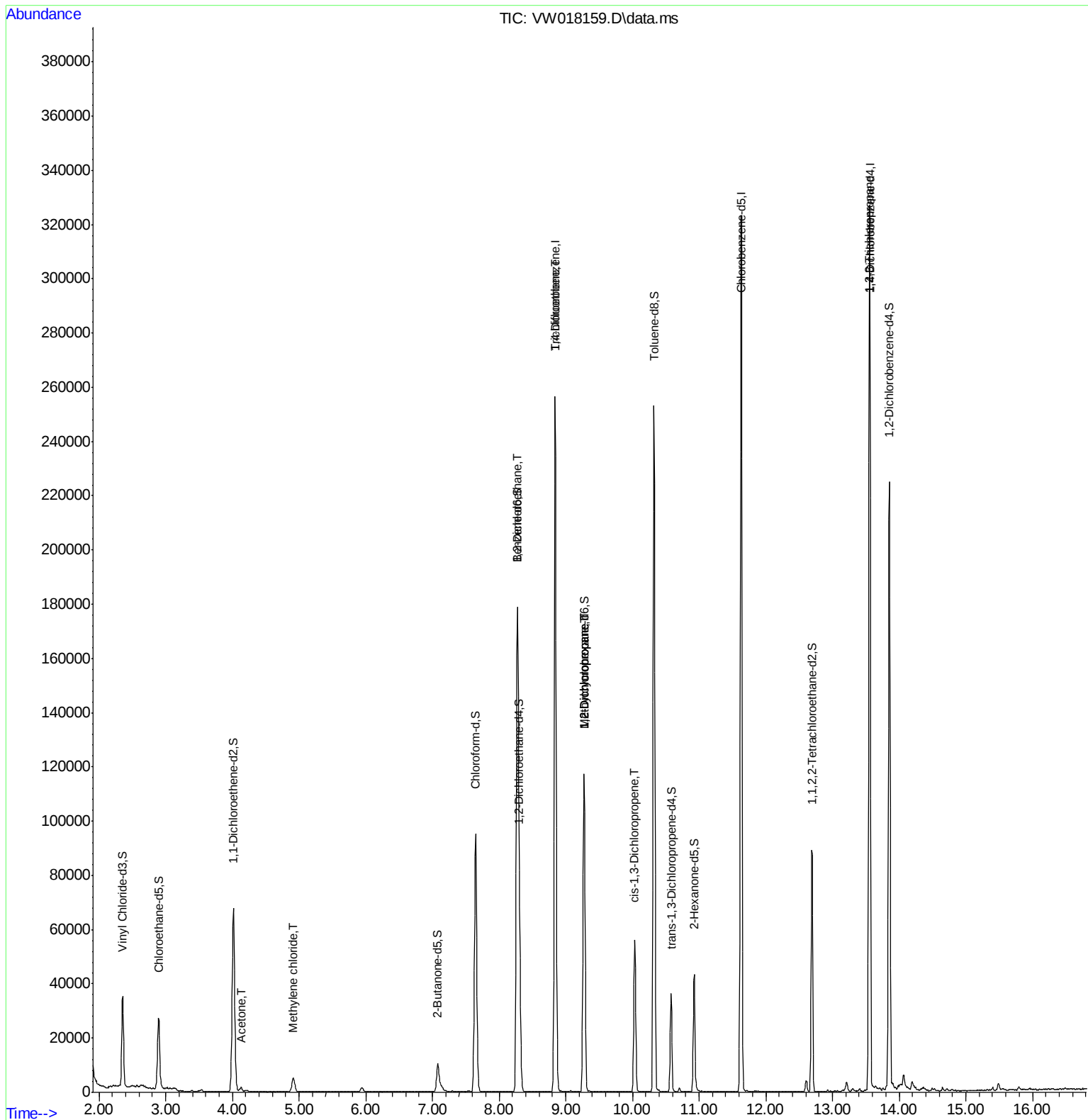
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

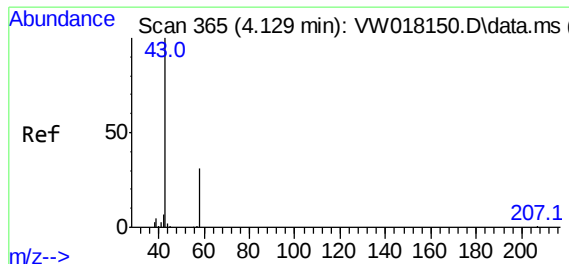
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	229318	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	197566	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	92921	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	36113	12.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	50.68%		
7) Chloroethane-d5	2.891	69	34268	15.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.60%		
10) 1,1-Dichloroethene-d2	4.013	63	64319	11.29	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	45.16%		
20) 2-Butanone-d5	7.080	46	18079	23.77	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	47.54%		
24) Chloroform-d	7.647	84	101925	16.94	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	67.76%		
26) 1,2-Dichloroethane-d4	8.305	65	50261	15.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	62.72%#		
29) Benzene-d6	8.275	84	193283	17.82	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	71.28%		
33) 1,2-Dichloropropane-d6	9.274	67	55929	18.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	73.72%		
37) Toluene-d8	10.323	98	173814	16.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	67.36%		
38) trans-1,3-Dichloroprop...	10.579	79	20751	15.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	60.36%		
39) 2-Hexanone-d5	10.927	63	15359	26.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	52.96%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	44158	16.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	66.28%		
61) 1,2-Dichlorobenzene-d4	13.853	152	61769	18.63	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	74.52%#		
Target Compounds						
13) Acetone	4.129	43	3118	5.54	ug/L	62
16) Methylene chloride	4.915	84	4424	1.20	ug/L	82
27) 1,2-Dichloroethane	8.275	62	1103	0.29	ug/L #	73
35) Trichloroethene	8.842	95	6769	2.08	ug/L #	3
36) Methylcyclohexane	9.274	83	14797	2.70	ug/L #	19
40) 1,2-Dichloropropane	9.274	63	6399	2.41	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	1403	0.33	ug/L	91
59) 1,2,3-Trichloropropane	13.554	75	9318	4.60	ug/L	100

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

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MSVOA_W
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Quant Title : VOC Analysis
QLast Update : Wed Feb 17 01:02:43 2021
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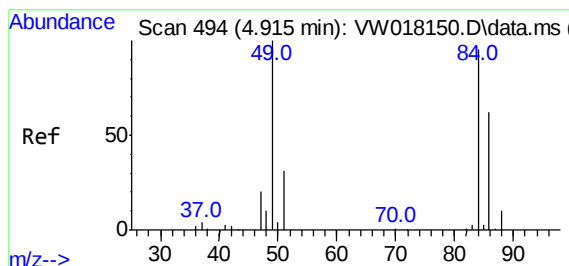
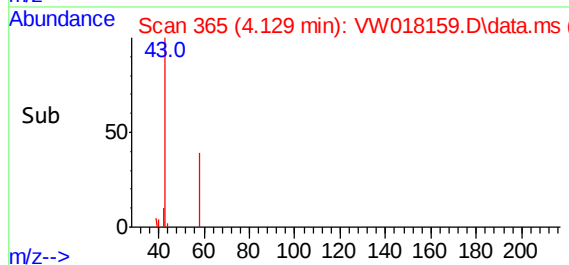
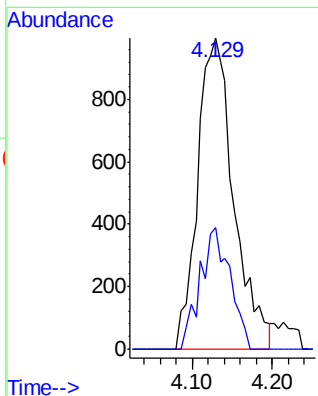
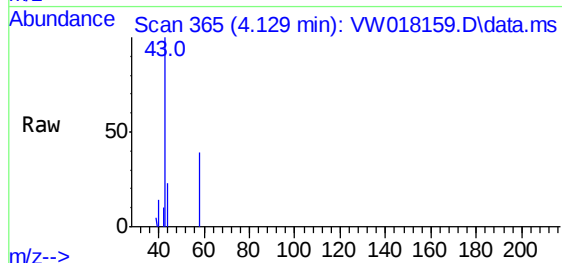




#13
Acetone
Concen: 5.54 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW018159.D
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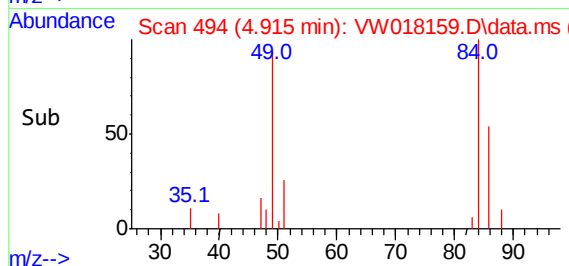
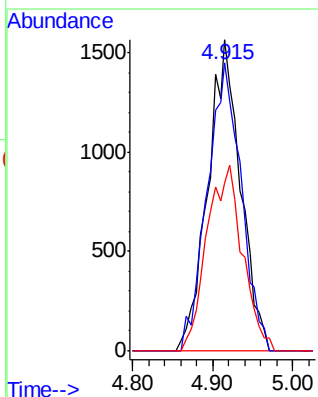
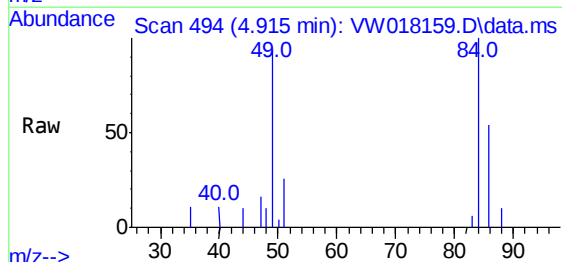
Instrument :
MSVOA_W
ClientSampled :
DBG7

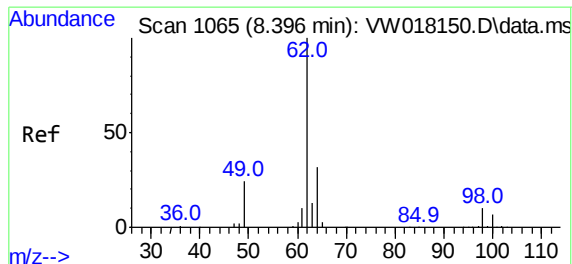
Tgt Ion: 43 Resp: 3118
Ion Ratio Lower Upper
43 100
58 12.1 0.0 68.4



#16
Methylene chloride
Concen: 1.20 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018159.D
Acq: 16 Feb 2021 13:51

Tgt Ion: 84 Resp: 4424
Ion Ratio Lower Upper
84 100
49 92.8 81.2 150.8
86 54.0 44.5 82.7

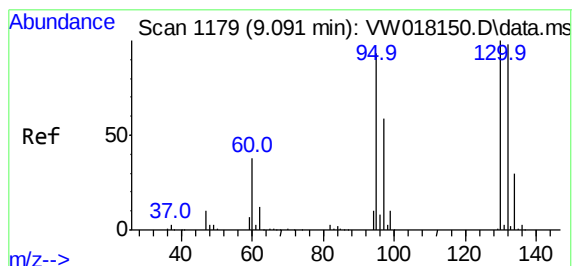
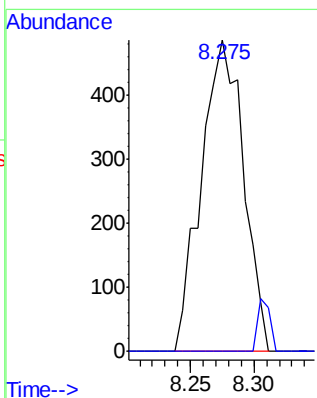
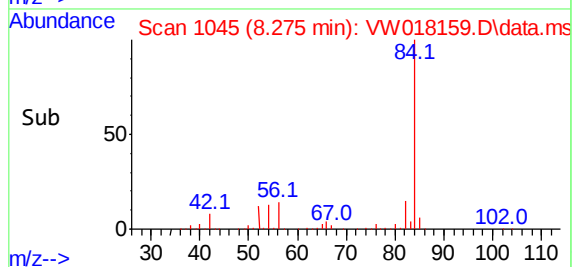
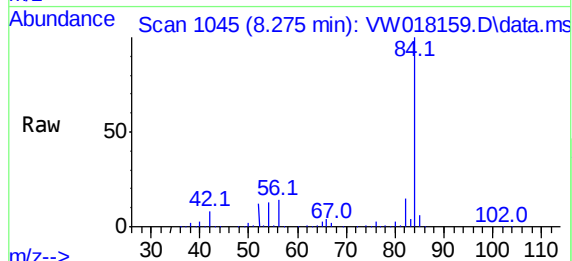




#27
1,2-Dichloroethane
Concen: 0.29 ug/L
RT: 8.275 min Scan# 1045
Delta R.T. -0.122 min
Lab File: VW018159.D
Acq: 16 Feb 2021 13:51

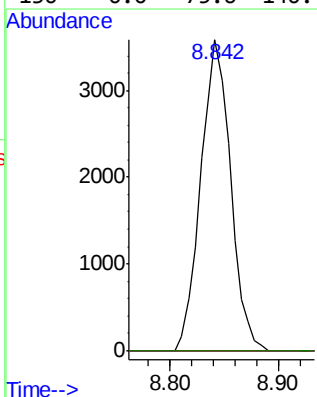
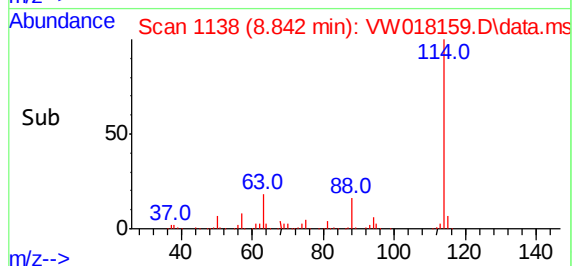
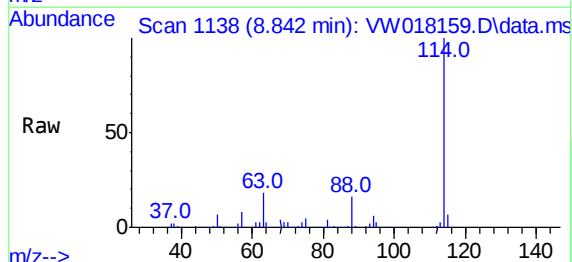
Instrument :
MSVOA_W
ClientSampled :
DBG7

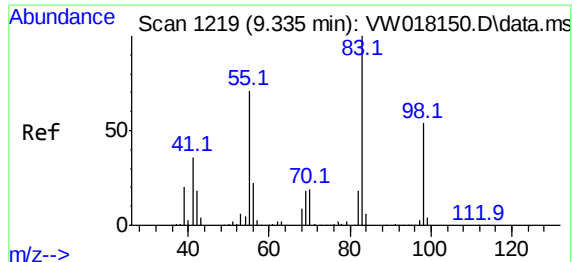
Tgt Ion: 62 Resp: 1103
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#



#35
Trichloroethene
Concen: 2.08 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018159.D
Acq: 16 Feb 2021 13:51

Tgt Ion: 95 Resp: 6769
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#

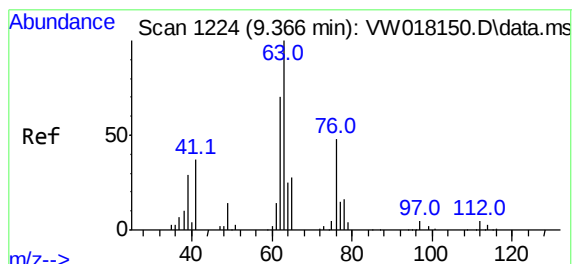
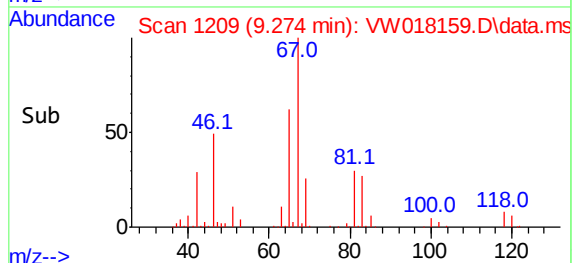
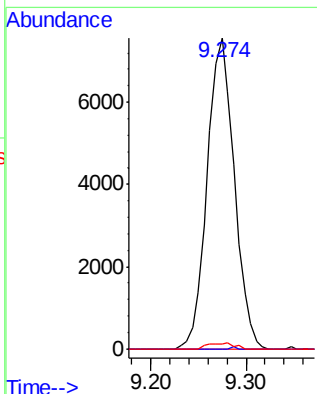
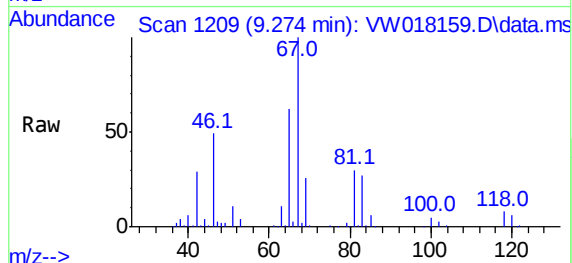




#36
Methylcyclohexane
Concen: 2.70 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018159.D
Acq: 16 Feb 2021 13:51

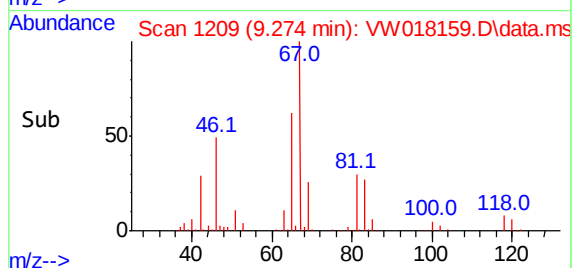
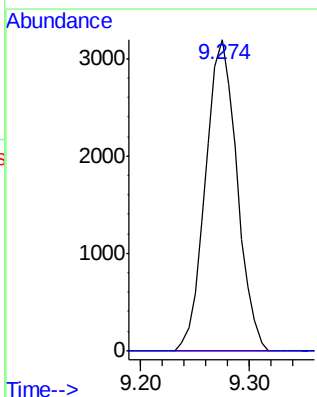
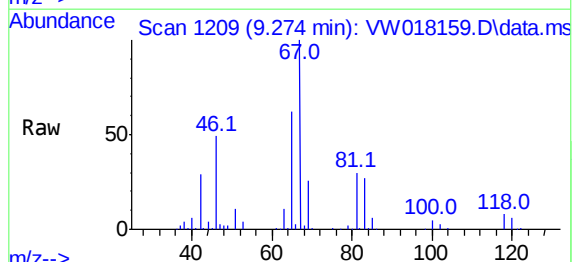
Instrument :
MSVOA_W
ClientSampled :
DBG7

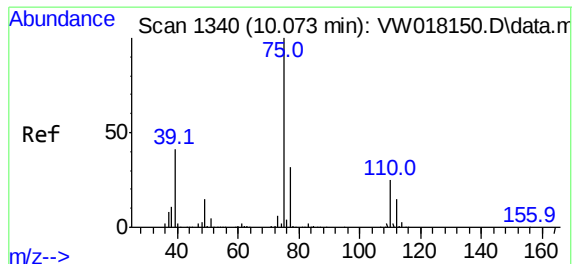
Tgt Ion: 83 Resp: 14797
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.7 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 2.41 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018159.D
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Tgt Ion: 63 Resp: 6399
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

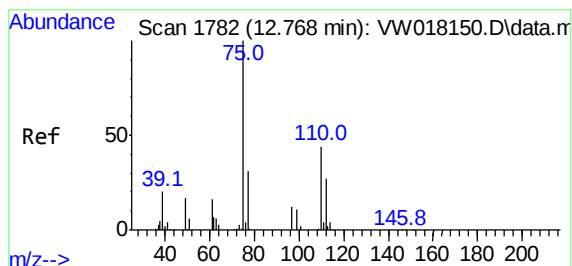
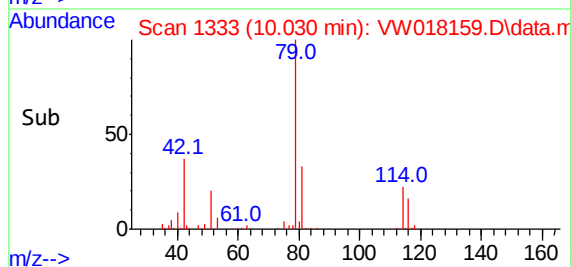
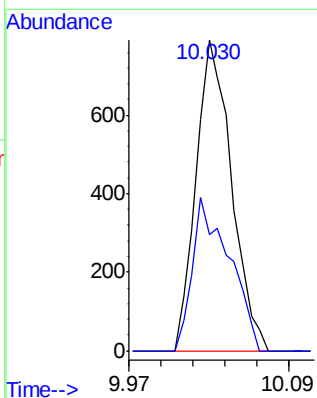
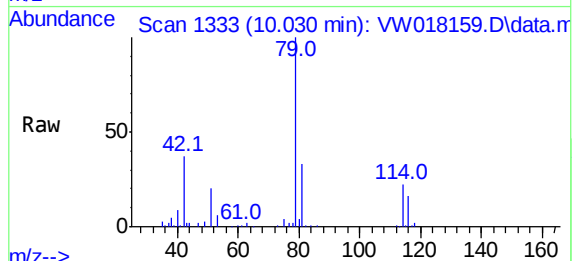




#42
cis-1,3-Dichloropropene
Concen: 0.33 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018159.D
Acq: 16 Feb 2021 13:51

Instrument :
MSVOA_W
ClientSampled :
DBG7

Tgt Ion: 75 Resp: 1403
Ion Ratio Lower Upper
75 100
77 37.4 22.7 42.3



#59
1,2,3-Trichloropropane
Concen: 4.60 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018159.D
Acq: 16 Feb 2021 13:51

Tgt Ion: 75 Resp: 9318
Ion Ratio Lower Upper
75 100
77 33.4 26.6 39.8

