

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018080.D
 Acq On : 11 Feb 2021 13:13
 Operator : SY/VA
 Sample : M1370-02
 Misc : 5.06G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBG5

Quant Time: Feb 12 02:39:50 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)

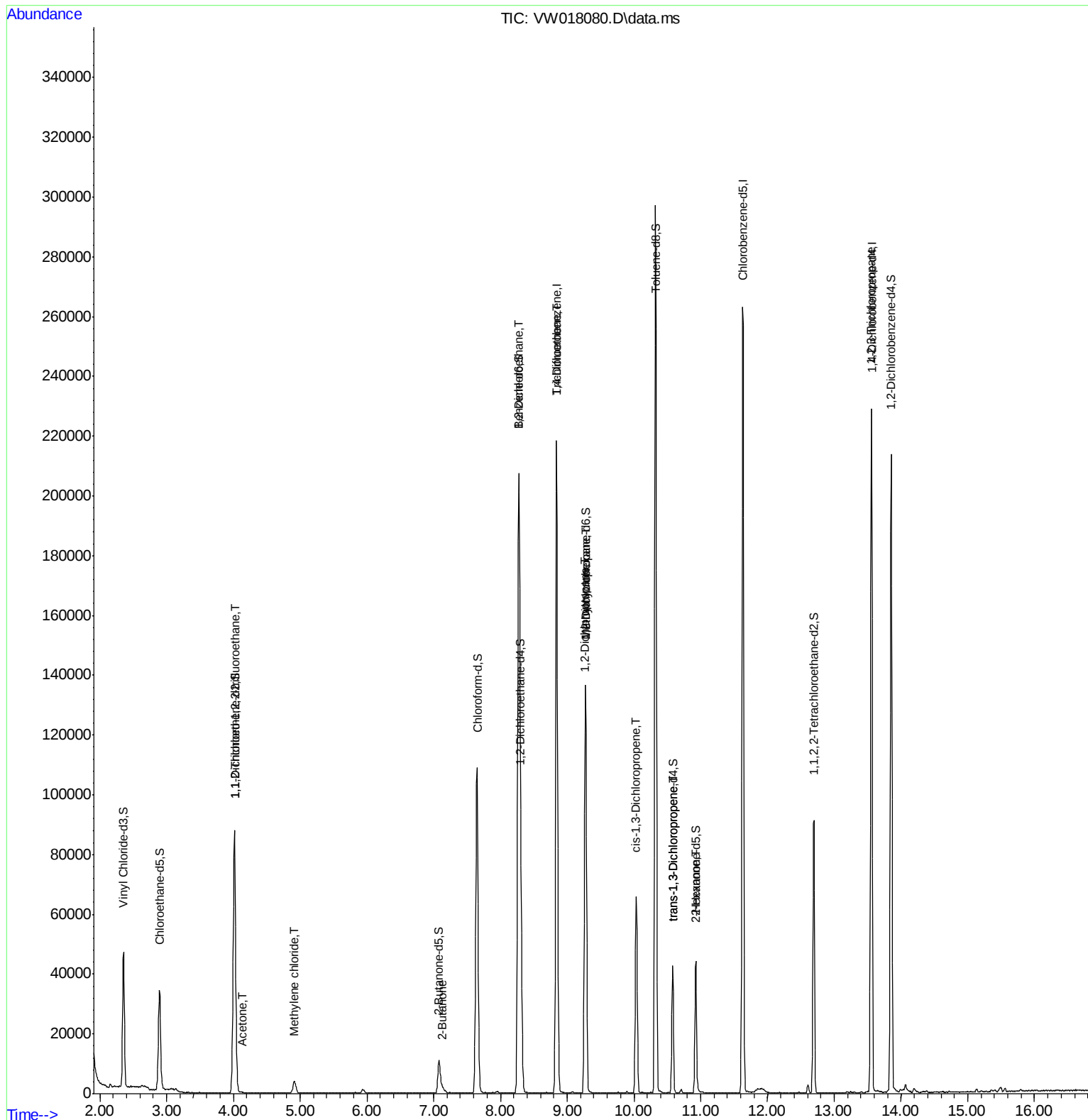
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	194024	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	160381	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	66330	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	49343	20.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.84%		
7) Chloroethane-d5	2.891	69	42898	22.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.68%		
10) 1,1-Dichloroethene-d2	4.019	63	81416	16.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.56%		
20) 2-Butanone-d5	7.080	46	19379	30.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.24%		
24) Chloroform-d	7.653	84	116839	22.95	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.80%		
26) 1,2-Dichloroethane-d4	8.305	65	59001	21.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.04%		
29) Benzene-d6	8.275	84	221669	25.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	100.68%		
33) 1,2-Dichloropropane-d6	9.274	67	64639	26.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	104.96%		
37) Toluene-d8	10.323	98	199732	23.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.36%		
38) trans-1,3-Dichloroprop...	10.579	79	24145	21.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.52%		
39) 2-Hexanone-d5	10.927	63	15998	33.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.94%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	45108	20.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	58619	24.77	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.08%		
Target Compounds						
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-...	4.019	101	739	0.27	ug/L #	35
13) Acetone	4.135	43	237	0.50	ug/L	63
16) Methylene chloride	4.909	84	3367	1.08	ug/L	82
21) 2-Butanone	7.128	43	814	1.12	ug/L #	46
27) 1,2-Dichloroethane	8.275	62	1253	0.40	ug/L #	73
35) Trichloroethene	8.842	95	5863	2.22	ug/L #	3
36) Methylcyclohexane	9.274	83	16758	3.77	ug/L #	19
40) 1,2-Dichloropropane	9.268	63	7282	3.39	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	1672	0.48	ug/L #	72
45) trans-1,3-Dichloropropene	10.579	75	1043	0.35	ug/L #	78
49) 2-Hexanone	10.920	43	1839	1.98	ug/L #	63
59) 1,2,3-Trichloropropane	13.554	75	6483	3.94	ug/L	97

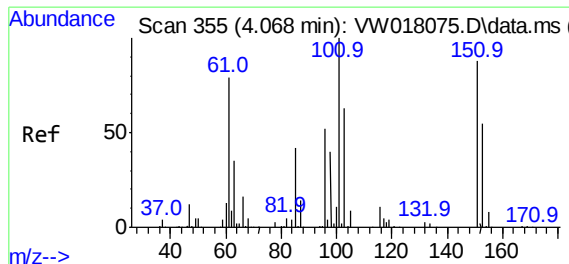
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Feb 12 02:37:00 2021
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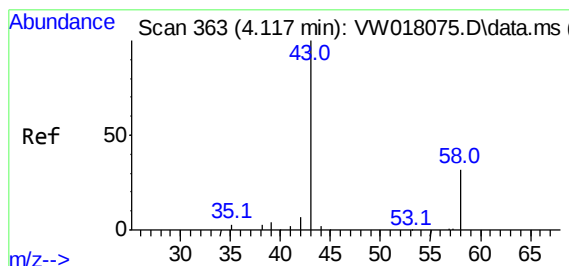
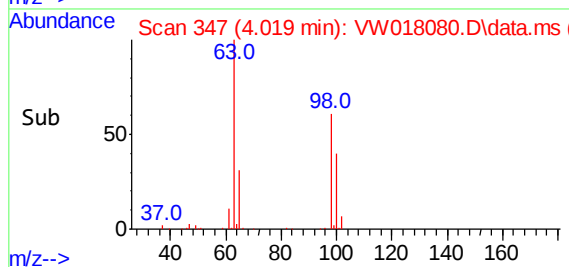
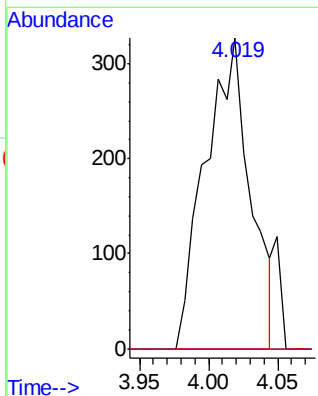
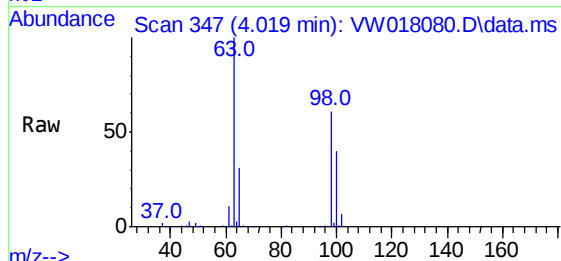




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.27 ug/L
 RT: 4.019 min Scan# 347
 Delta R.T. -0.049 min
 Lab File: VW018080.D
 Acq: 11 Feb 2021 13:13

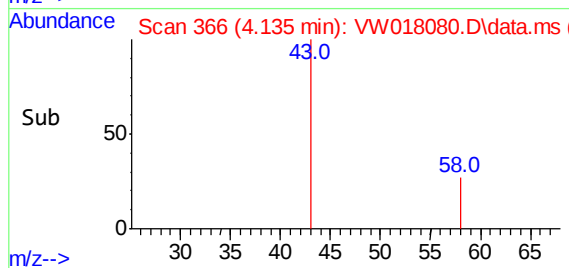
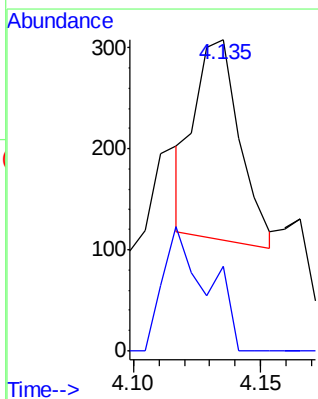
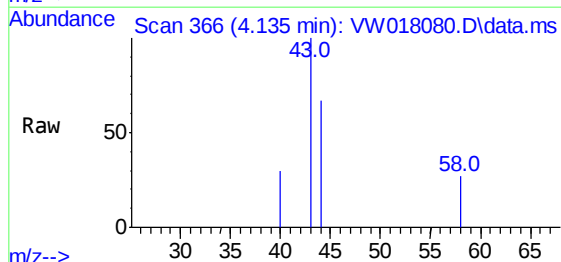
Instrument :
 MSVOA_W
 ClientSampled :
 DBG5

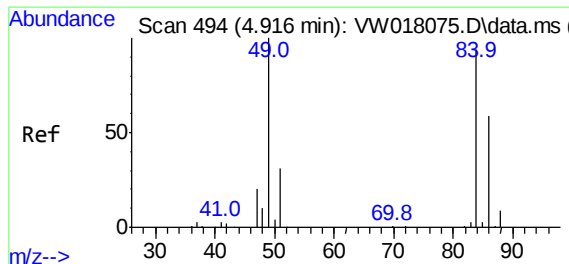
Tgt Ion:	101	Resp:	739
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.2	51.4#
151	0.0	30.4	45.6#



#13
 Acetone
 Concen: 0.50 ug/L
 RT: 4.135 min Scan# 366
 Delta R.T. 0.018 min
 Lab File: VW018080.D
 Acq: 11 Feb 2021 13:13

Tgt Ion:	43	Resp:	237
Ion	Ratio	Lower	Upper
43	100		
58	12.7	0.0	68.4



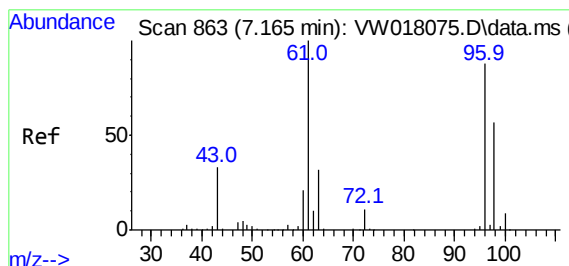
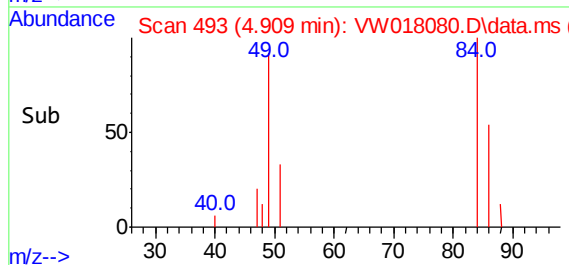
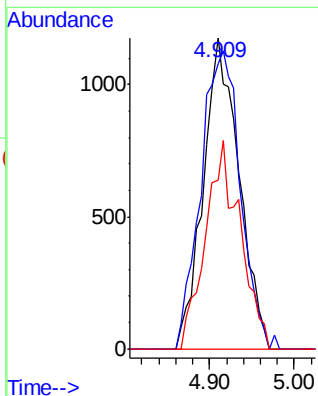
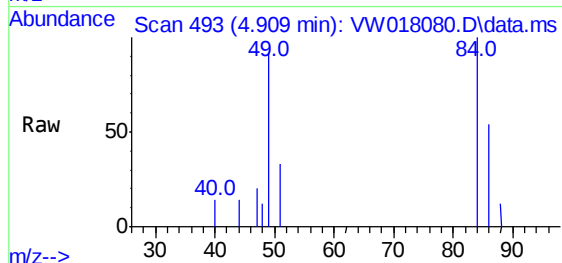


#16
Methylene chloride
Concen: 1.08 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018080.D
Acq: 11 Feb 2021 13:13

Instrument :
MSVOA_W
ClientSampled :
DBGT5

Tgt Ion: 84 Resp: 3367

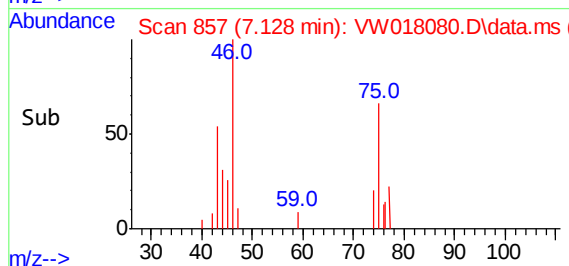
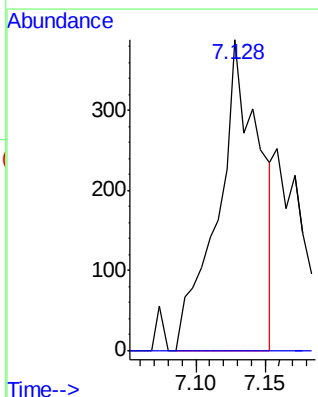
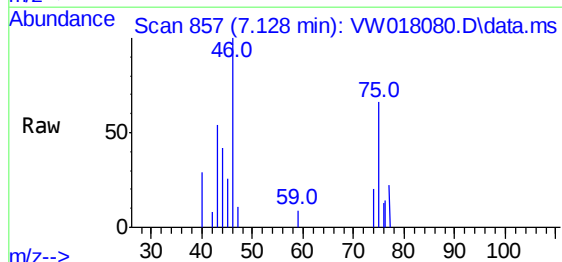
Ion	Ratio	Lower	Upper
84	100		
49	91.9	81.2	150.8
86	54.3	44.5	82.7

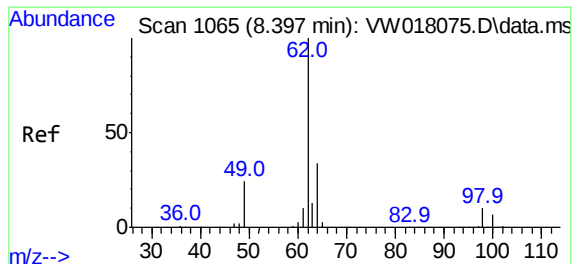


#21
2-Butanone
Concen: 1.12 ug/L
RT: 7.128 min Scan# 857
Delta R.T. -0.037 min
Lab File: VW018080.D
Acq: 11 Feb 2021 13:13

Tgt Ion: 43 Resp: 814

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	43.2#

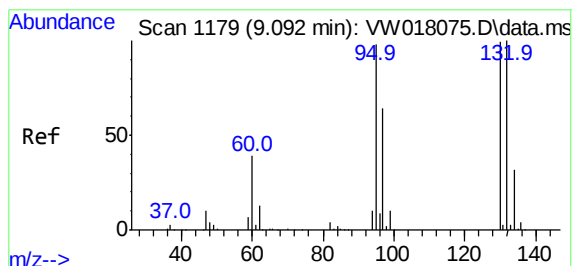
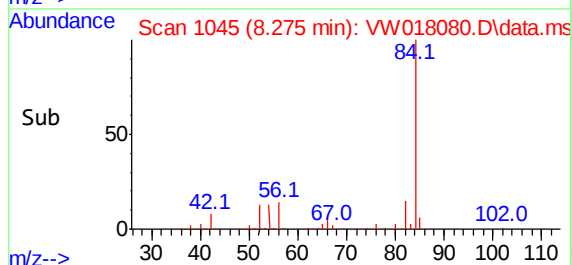
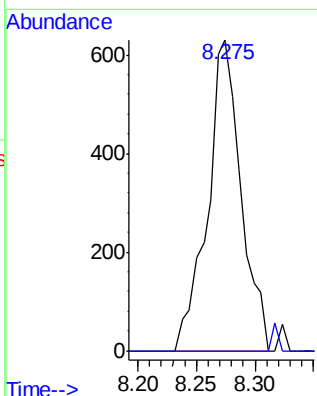
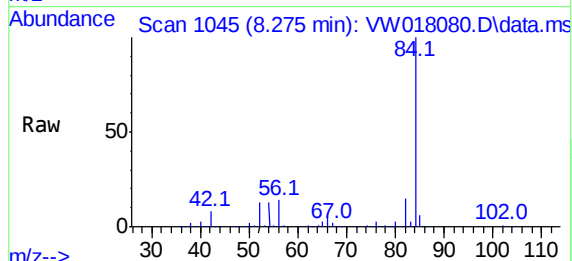




#27
1,2-Dichloroethane
Concen: 0.40 ug/L
RT: 8.275 min Scan# 1045
Delta R.T. -0.122 min
Lab File: VW018080.D
Acq: 11 Feb 2021 13:13

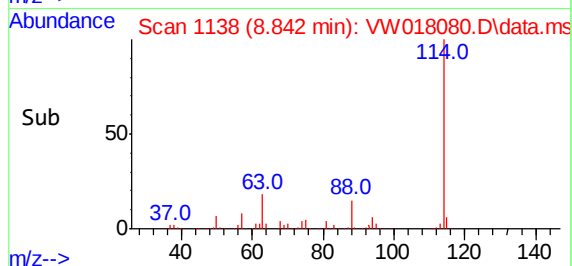
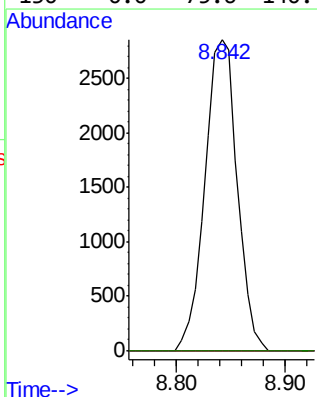
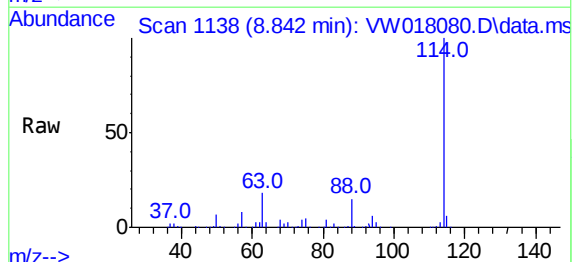
Instrument :
MSVOA_W
ClientSampled :
DBGT5

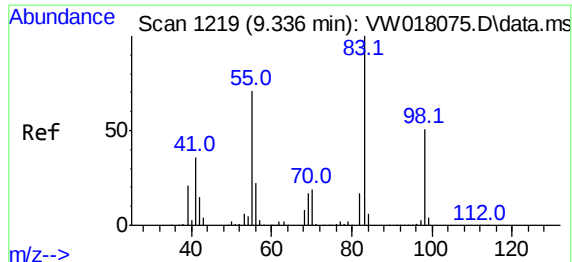
Tgt Ion: 62 Resp: 1253
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#



#35
Trichloroethene
Concen: 2.22 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018080.D
Acq: 11 Feb 2021 13:13

Tgt Ion: 95 Resp: 5863
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#

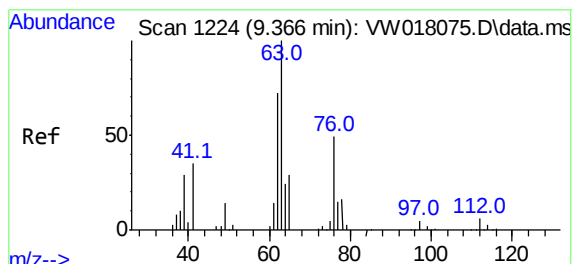
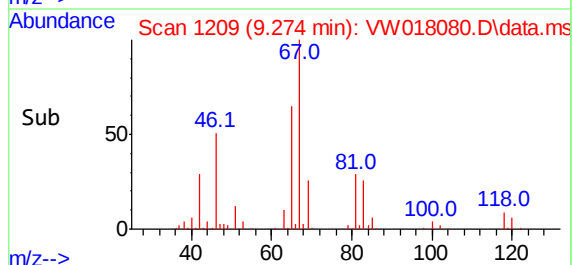
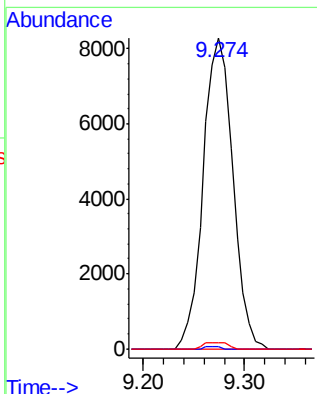
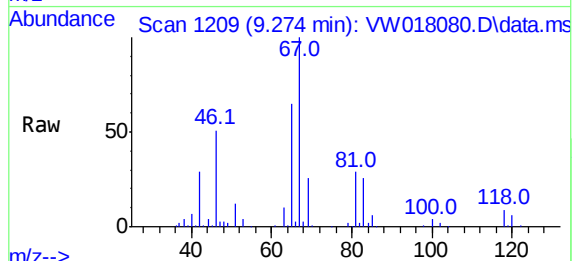




#36
Methylcyclohexane
Concen: 3.77 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018080.D
Acq: 11 Feb 2021 13:13

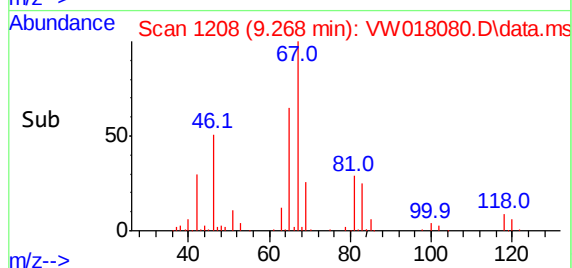
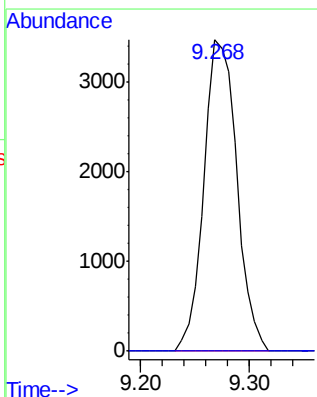
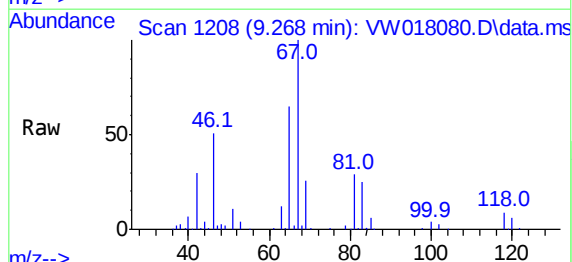
Instrument :
MSVOA_W
ClientSampled :
DBGT5

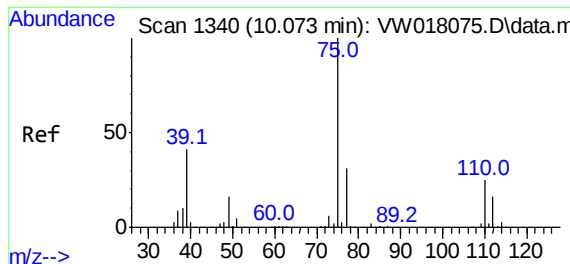
Tgt Ion: 83 Resp: 16758
Ion Ratio Lower Upper
83 100
55 0.4 59.4 89.0#
98 0.5 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 3.39 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.098 min
Lab File: VW018080.D
Acq: 11 Feb 2021 13:13

Tgt Ion: 63 Resp: 7282
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

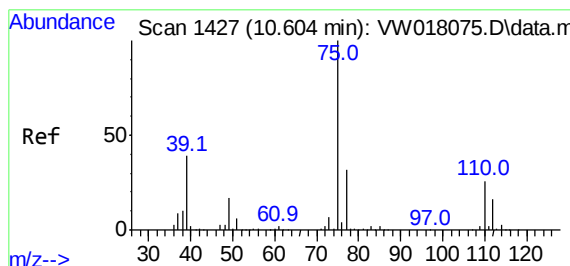
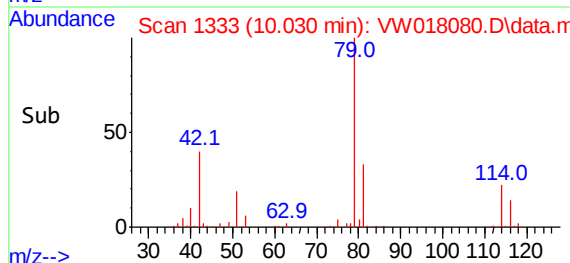
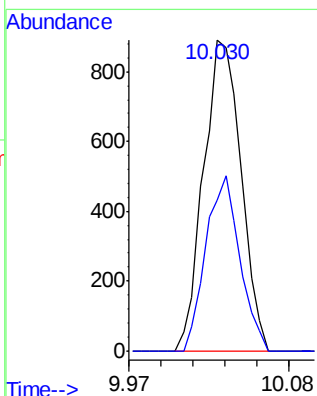
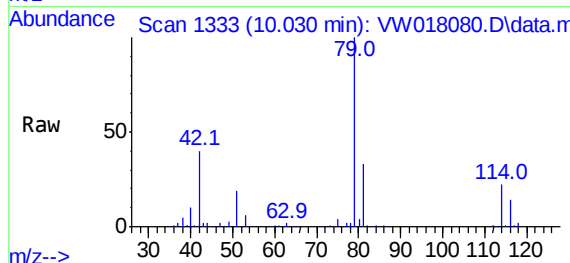




#42
cis-1,3-Dichloropropene
Concen: 0.48 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018080.D
Acq: 11 Feb 2021 13:13

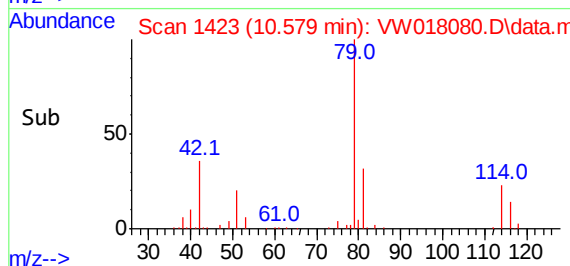
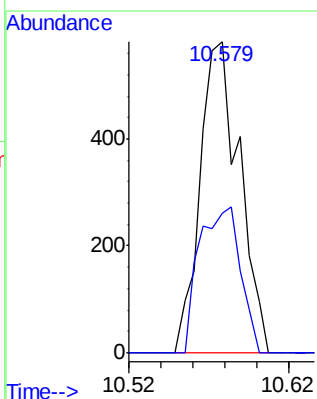
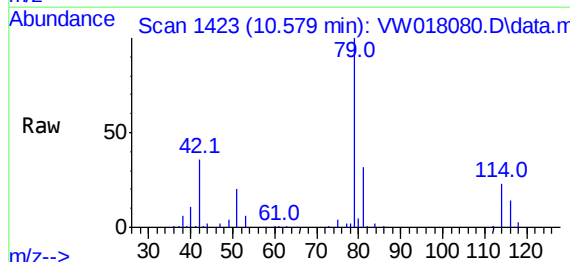
Instrument :
MSVOA_W
ClientSampled :
DBGT5

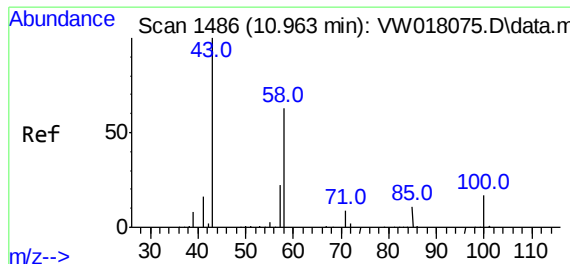
Tgt Ion: 75 Resp: 1672
Ion Ratio Lower Upper
75 100
77 48.4 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.35 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018080.D
Acq: 11 Feb 2021 13:13

Tgt Ion: 75 Resp: 1043
Ion Ratio Lower Upper
75 100
77 44.7 22.6 42.0#



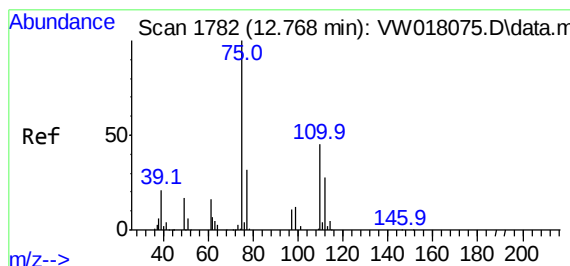
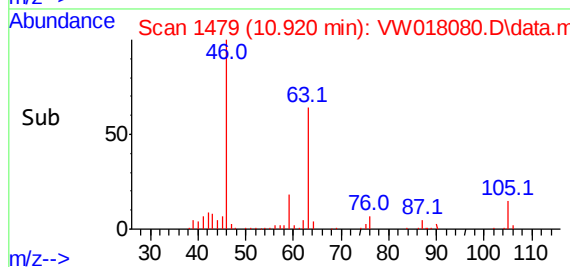
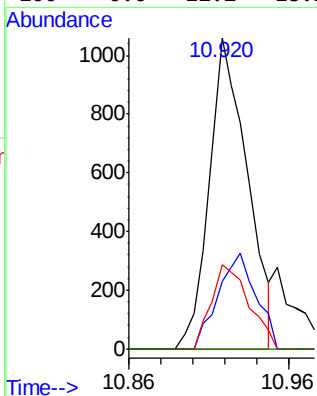
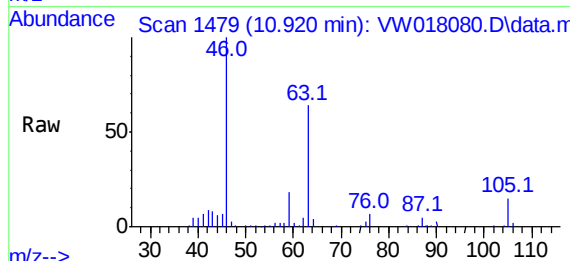


#49
2-Hexanone
Concen: 1.98 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.043 min
Lab File: VW018080.D
Acq: 11 Feb 2021 13:13

Instrument :
MSVOA_W
ClientSampled :
DBGT5

Tgt Ion: 43 Resp: 1839

Ion	Ratio	Lower	Upper
43	100		
58	30.8	51.3	76.9#
57	26.8	15.0	22.6#
100	0.0	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 3.94 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018080.D
Acq: 11 Feb 2021 13:13

Tgt Ion: 75 Resp: 6483

Ion	Ratio	Lower	Upper
75	100		
77	34.7	26.6	39.8

