

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018082.D
 Acq On : 11 Feb 2021 14:01
 Operator : SY/VA
 Sample : M1370-04
 Misc : 6.66G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY0

Quant Time: Feb 12 02:40:24 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)

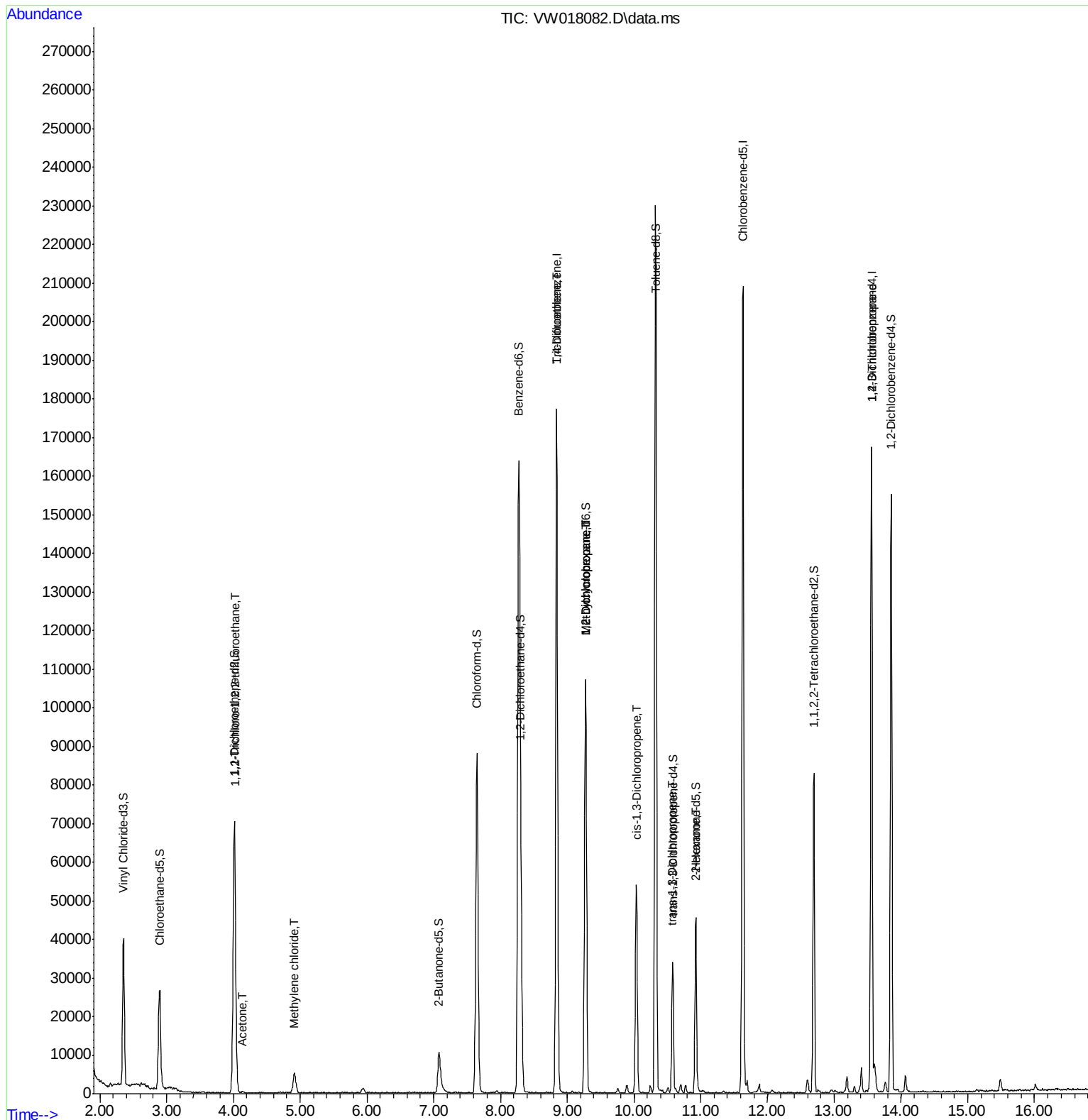
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	157391	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	125524	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	48013	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	40664	20.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.16%		
7) Chloroethane-d5	2.891	69	34360	22.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.52%		
10) 1,1-Dichloroethene-d2	4.013	63	65522	16.76	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.04%		
20) 2-Butanone-d5	7.080	46	19203	36.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.58%		
24) Chloroform-d	7.647	84	93103	22.54	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.16%		
26) 1,2-Dichloroethane-d4	8.305	65	48779	22.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.68%		
29) Benzene-d6	8.275	84	178750	25.93	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.72%		
33) 1,2-Dichloropropane-d6	9.274	67	50679	26.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.16%		
37) Toluene-d8	10.323	98	158249	24.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.52%		
38) trans-1,3-Dichloroprop...	10.579	79	20044	22.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.76%		
39) 2-Hexanone-d5	10.927	63	16304	44.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.48%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	40207	23.74	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.96%		
61) 1,2-Dichlorobenzene-d4	13.853	152	41972	24.51	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.04%		
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.019	101	614	0.27	ug/L #	35
13) Acetone	4.129	43	180	0.47	ug/L	92
16) Methylene chloride	4.915	84	4109	1.63	ug/L	91
35) Trichloroethene	8.842	95	4606	2.23	ug/L #	3
36) Methylcyclohexane	9.274	83	13307	3.83	ug/L #	19
40) 1,2-Dichloropropane	9.274	63	5791	3.44	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	1280	0.47	ug/L #	72
45) trans-1,3-Dichloropropene	10.573	75	803	0.34	ug/L #	55
49) 2-Hexanone	10.920	43	2196	3.02	ug/L #	53
59) 1,2,3-Trichloropropane	13.560	75	4649	3.61	ug/L	100

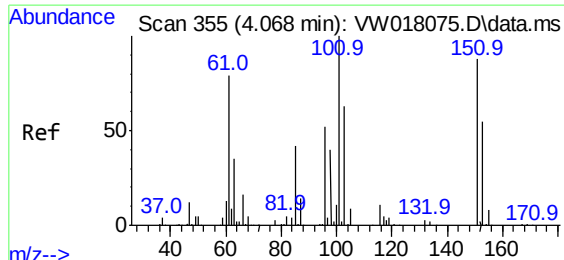
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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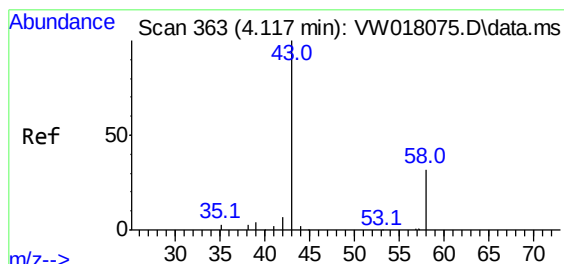
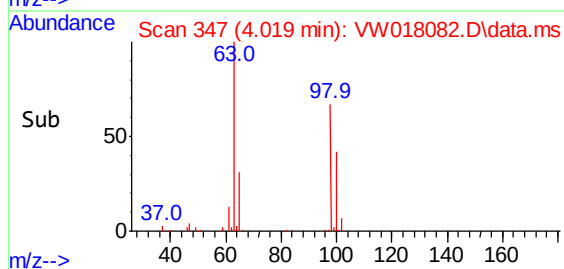
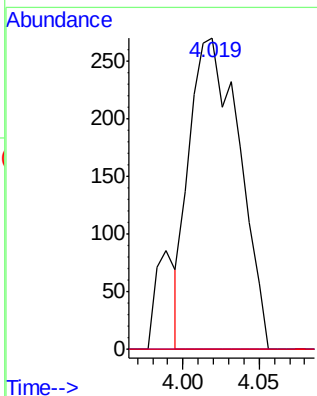
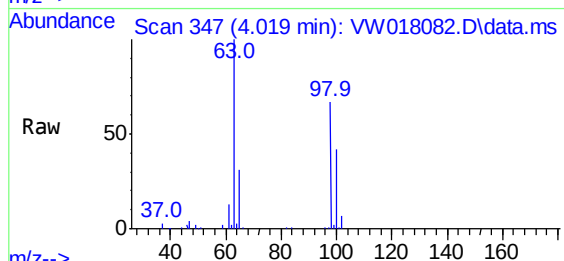




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.27 ug/L
 RT: 4.019 min Scan# 347
 Delta R.T. -0.049 min
 Lab File: VW018082.D
 Acq: 11 Feb 2021 14:01

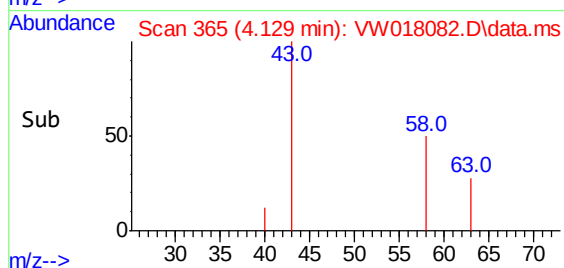
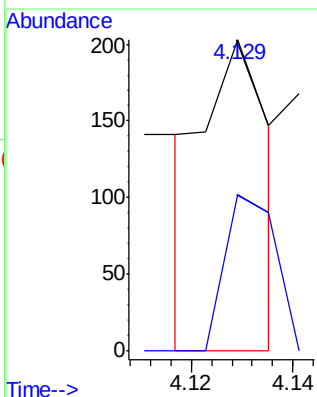
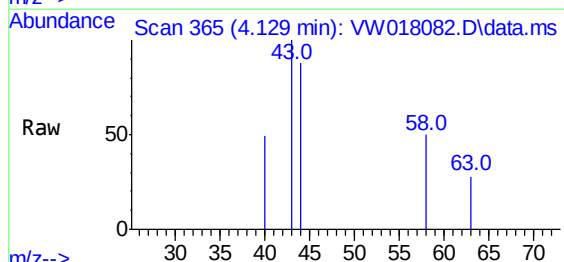
Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY0

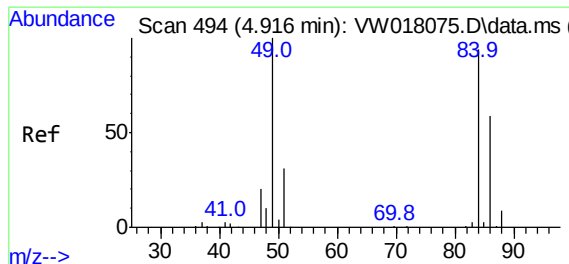
Tgt Ion:101 Resp: 614
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.4#
 151 0.0 30.4 45.6#



#13
 Acetone
 Concen: 0.47 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.012 min
 Lab File: VW018082.D
 Acq: 11 Feb 2021 14:01

Tgt Ion: 43 Resp: 180
 Ion Ratio Lower Upper
 43 100
 58 38.9 0.0 68.4



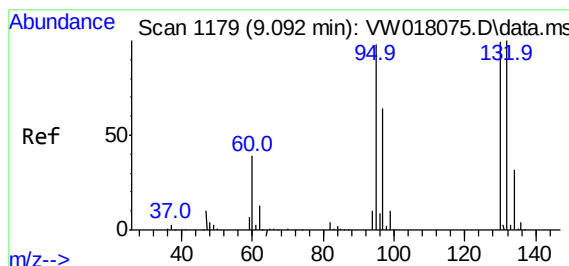
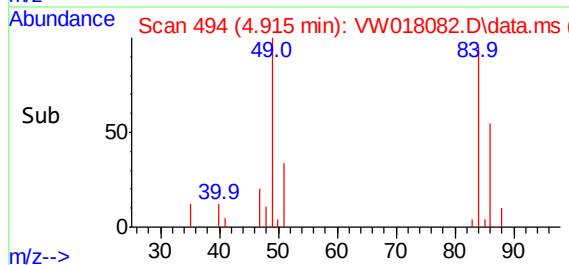
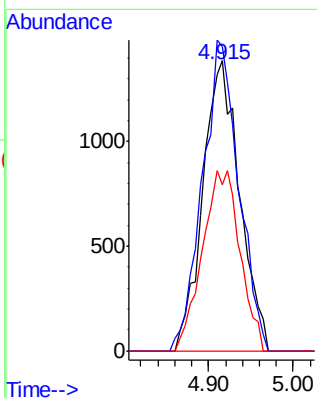
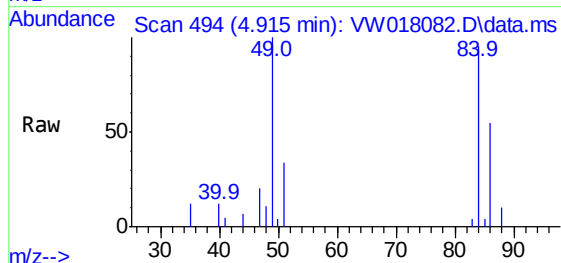


#16
Methylene chloride
Concen: 1.63 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018082.D
Acq: 11 Feb 2021 14:01

Instrument :
MSVOA_W
ClientSampleId :
DBGY0

Tgt Ion: 84 Resp: 4109

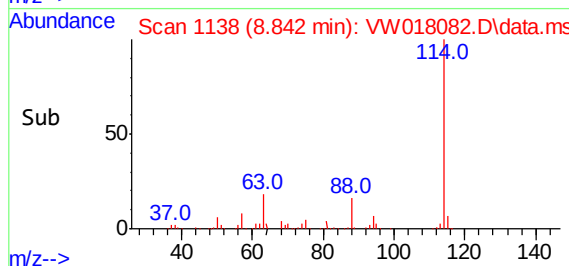
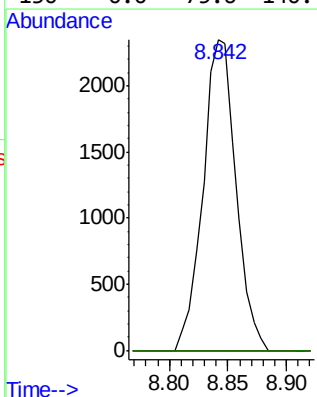
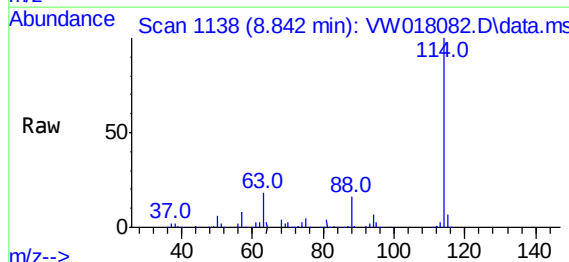
Ion	Ratio	Lower	Upper
84	100		
49	105.1	81.2	150.8
86	57.3	44.5	82.7

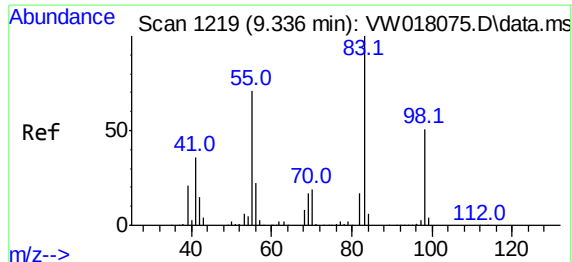


#35
Trichloroethene
Concen: 2.23 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018082.D
Acq: 11 Feb 2021 14:01

Tgt Ion: 95 Resp: 4606

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#

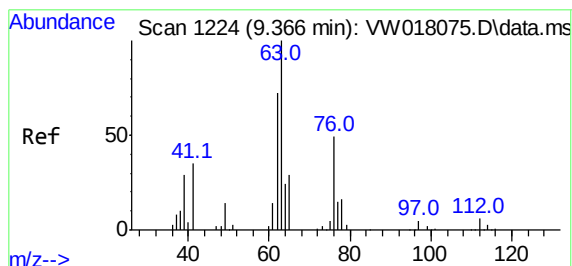
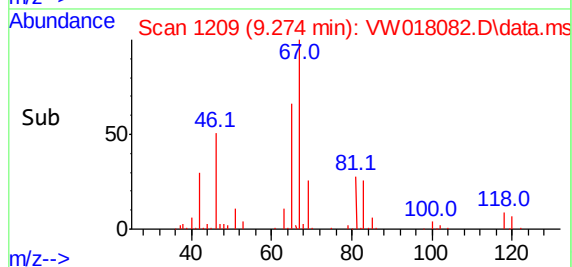
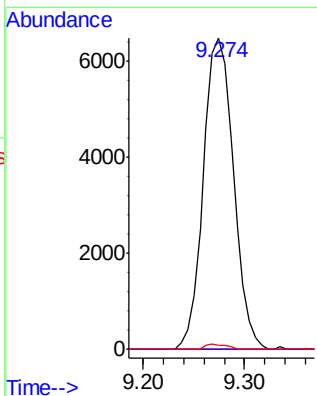
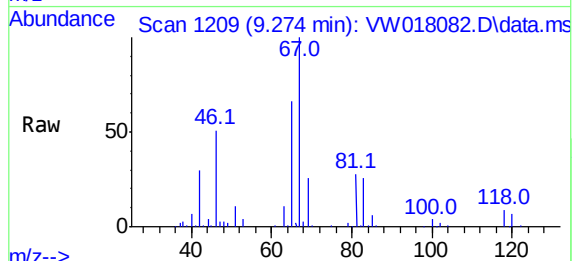




#36
Methylcyclohexane
Concen: 3.83 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018082.D
Acq: 11 Feb 2021 14:01

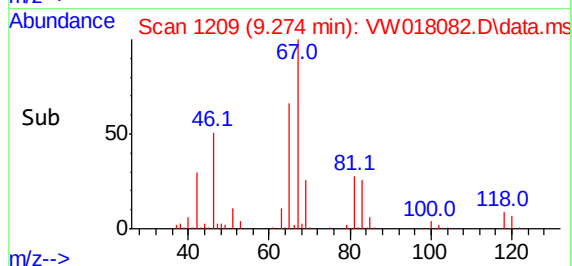
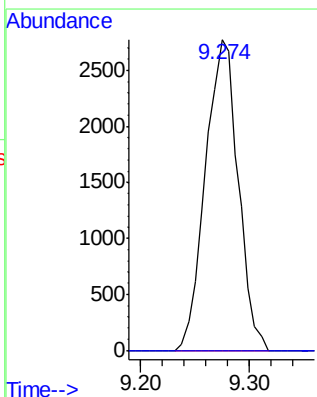
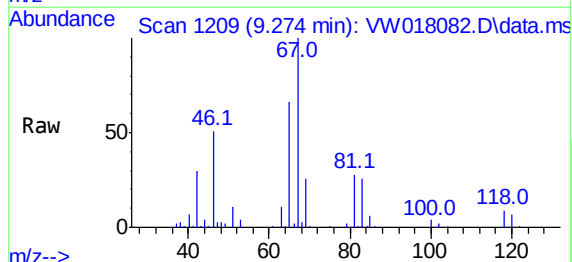
Instrument :
MSVOA_W
ClientSampleId :
DBGY0

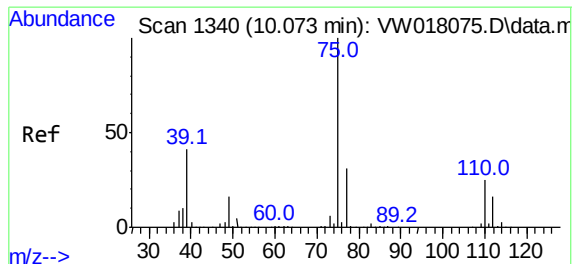
Tgt Ion: 83 Resp: 13307
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 1.0 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 3.44 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018082.D
Acq: 11 Feb 2021 14:01

Tgt Ion: 63 Resp: 5791
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

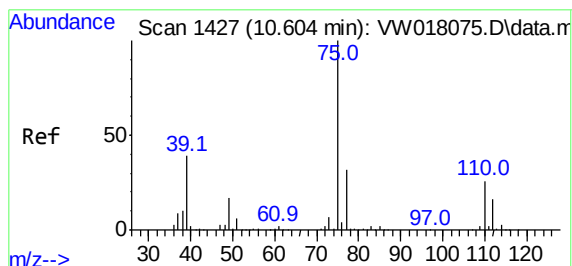
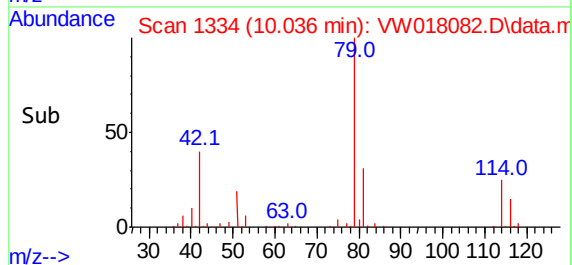
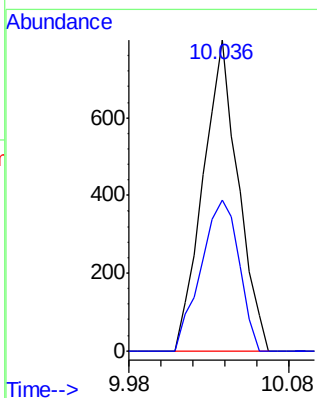
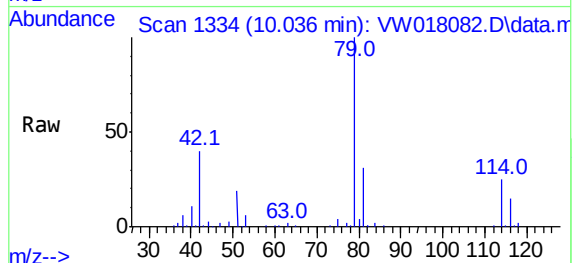




#42
cis-1,3-Dichloropropene
Concen: 0.47 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018082.D
Acq: 11 Feb 2021 14:01

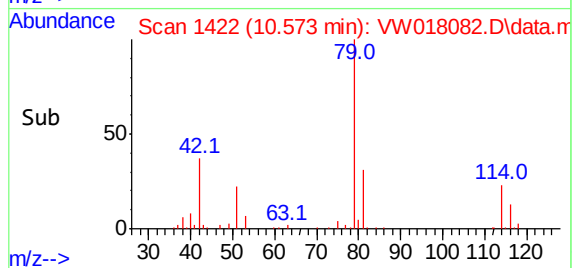
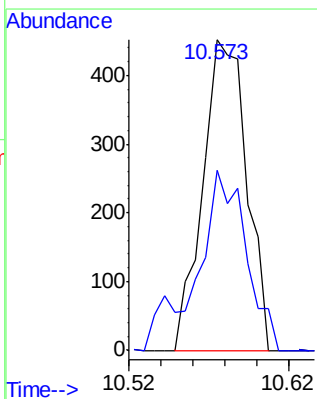
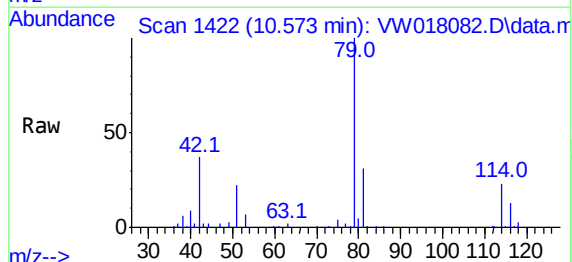
Instrument :
MSVOA_W
ClientSampleID :
DBGY0

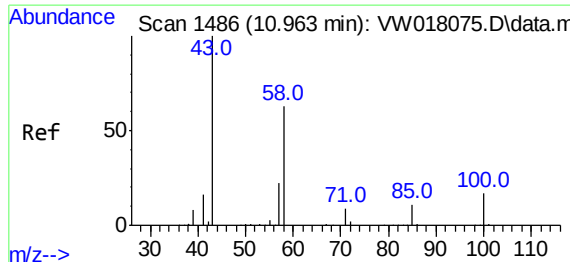
Tgt Ion: 75 Resp: 1280
Ion Ratio Lower Upper
75 100
77 48.4 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.34 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW018082.D
Acq: 11 Feb 2021 14:01

Tgt Ion: 75 Resp: 803
Ion Ratio Lower Upper
75 100
77 57.7 22.6 42.0#



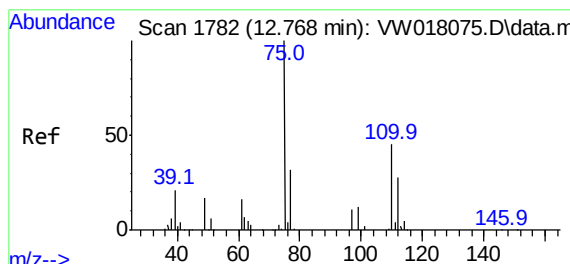
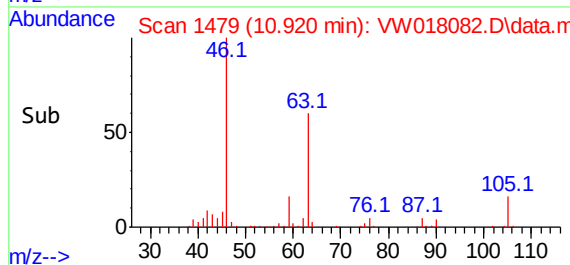
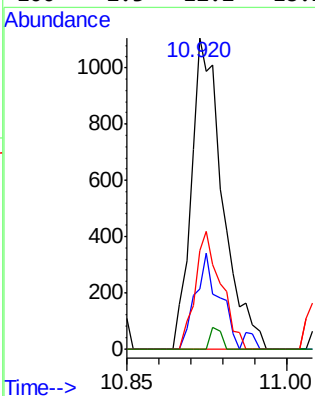
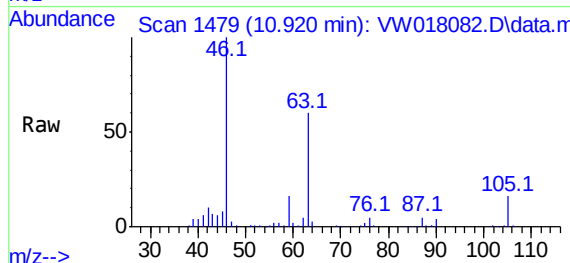


#49
2-Hexanone
Concen: 3.02 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.043 min
Lab File: VW018082.D
Acq: 11 Feb 2021 14:01

Instrument :
MSVOA_W
ClientSampleId :
DBGY0

Tgt Ion: 43 Resp: 2196

Ion	Ratio	Lower	Upper
43	100		
58	19.9	51.3	76.9#
57	31.3	15.0	22.6#
100	2.3	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 3.61 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.792 min
Lab File: VW018082.D
Acq: 11 Feb 2021 14:01

Tgt Ion: 75 Resp: 4649

Ion	Ratio	Lower	Upper
75	100		
77	33.3	26.6	39.8

