

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018113.D
 Acq On : 12 Feb 2021 16:23
 Operator : SY/VA
 Sample : M1370-13
 Misc : 5.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY9

Quant Time: Feb 12 22:46:56 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

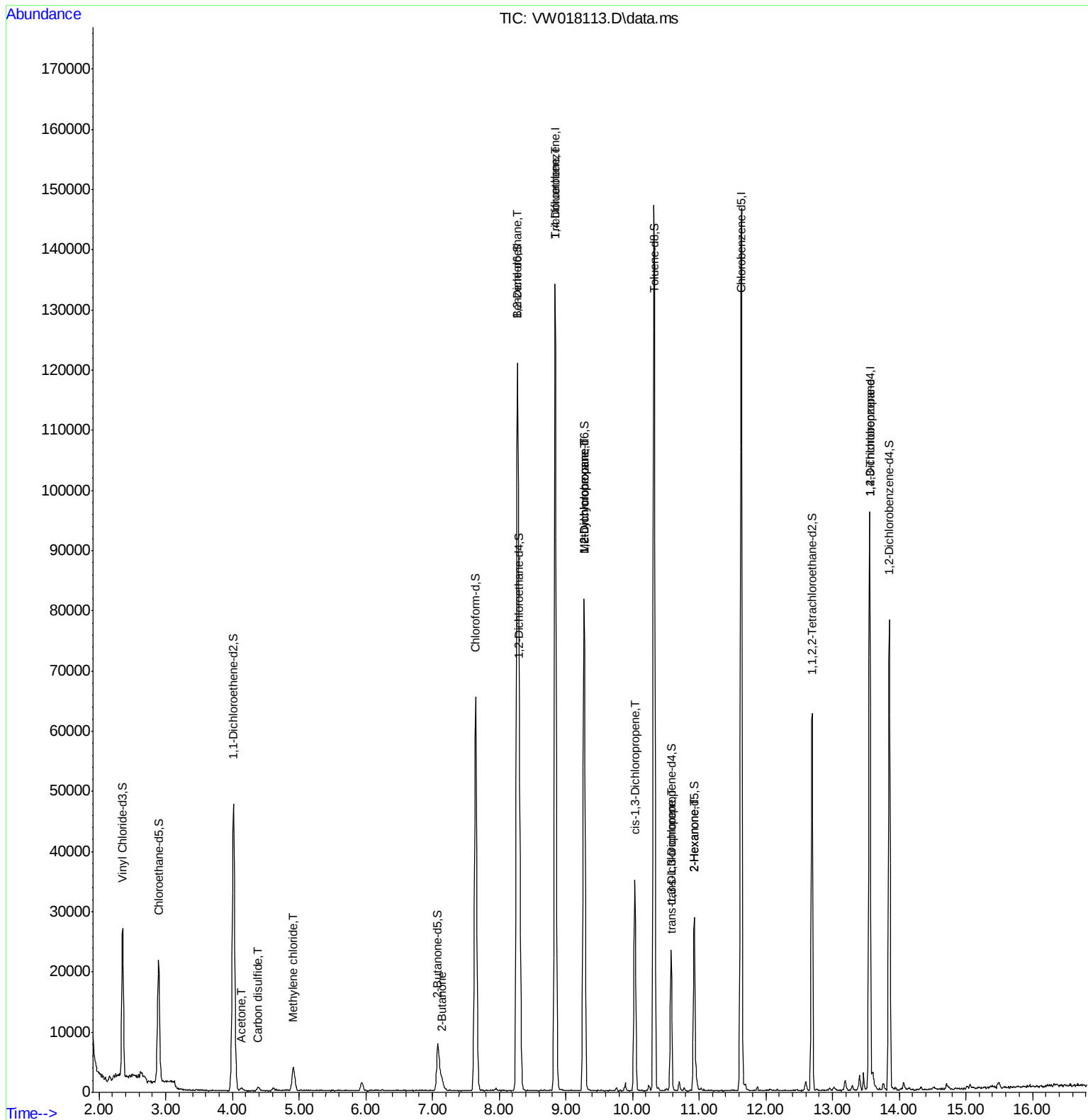
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

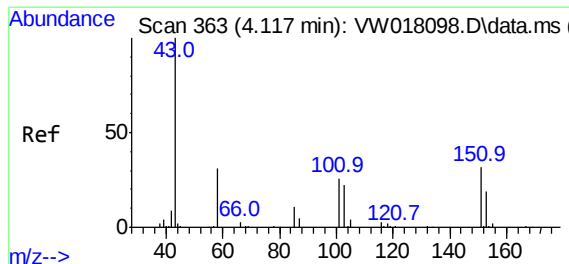
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	119491	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	88039	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	28390	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	25998	17.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.04%		
7) Chloroethane-d5	2.891	69	25307	21.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.88%		
10) 1,1-Dichloroethene-d2	4.013	63	45653	15.38	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.52%		
20) 2-Butanone-d5	7.080	46	13980	35.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	70.56%		
24) Chloroform-d	7.646	84	69360	22.12	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.48%		
26) 1,2-Dichloroethane-d4	8.305	65	40356	24.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.64%		
29) Benzene-d6	8.274	84	127701	26.42	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	105.68%		
33) 1,2-Dichloropropane-d6	9.274	67	39238	29.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	116.08%		
37) Toluene-d8	10.323	98	101532	22.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.28%		
38) trans-1,3-Dichloroprop...	10.579	79	13279	21.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.68%		
39) 2-Hexanone-d5	10.926	63	10737	41.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.08%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	30969	26.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	104.32%		
61) 1,2-Dichlorobenzene-d4	13.853	152	21598	21.33	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.32%		
Target Compounds						
13) Acetone	4.129	43	470	1.60	ug/L	90
14) Carbon disulfide	4.379	76	1164	0.25	ug/L #	76
16) Methylene chloride	4.915	84	3153	1.65	ug/L	93
21) 2-Butanone	7.141	43	2628	5.89	ug/L #	46
27) 1,2-Dichloroethane	8.274	62	718	0.37	ug/L #	73
35) Trichloroethene	8.841	95	3641	2.51	ug/L #	3
36) Methylcyclohexane	9.274	83	10320	4.23	ug/L #	18
40) 1,2-Dichloropropane	9.274	63	4571	3.87	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	860	0.45	ug/L	84
45) trans-1,3-Dichloropropene	10.585	75	561	0.34	ug/L #	50
49) 2-Hexanone	10.926	43	1382	2.71	ug/L #	54
59) 1,2,3-Trichloropropane	13.560	75	2583	2.86	ug/L	93

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

Instrument :
MSVOA_W
ClientSampleId :
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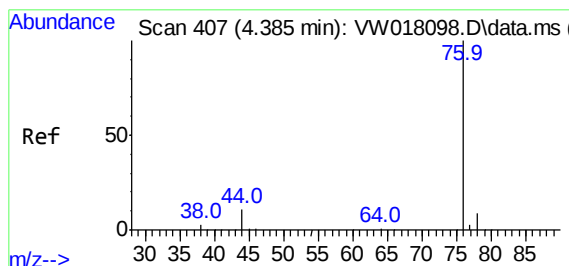
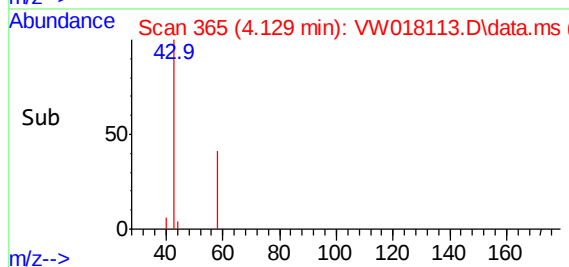
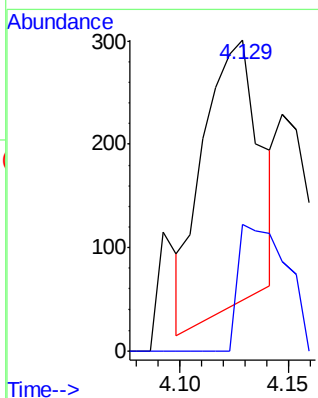
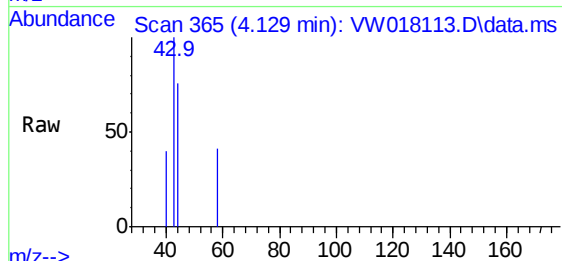




#13
Acetone
Concen: 1.60 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018113.D
Acq: 12 Feb 2021 16:23

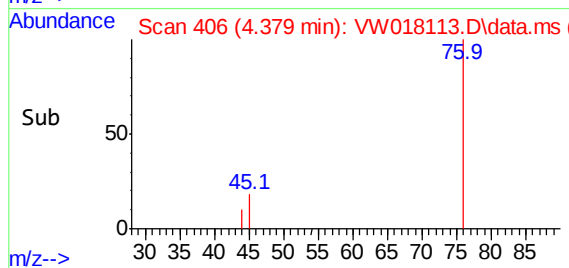
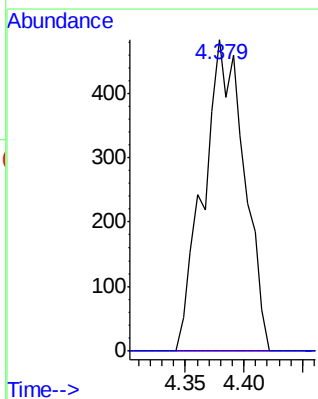
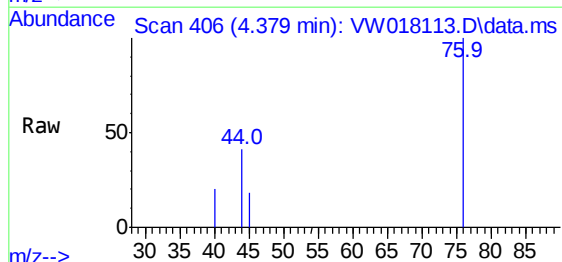
Instrument :
MSVOA_W
ClientSampled :
DBGY9

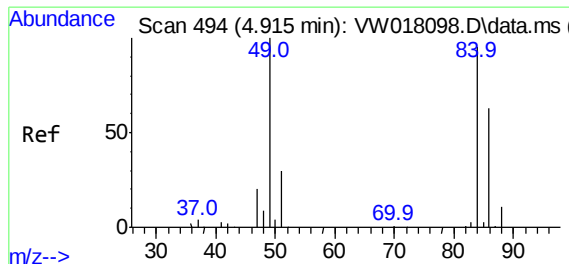
Tgt Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
58 40.0 0.0 68.4



#14
Carbon disulfide
Concen: 0.25 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW018113.D
Acq: 12 Feb 2021 16:23

Tgt Ion: 76 Resp: 1164
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



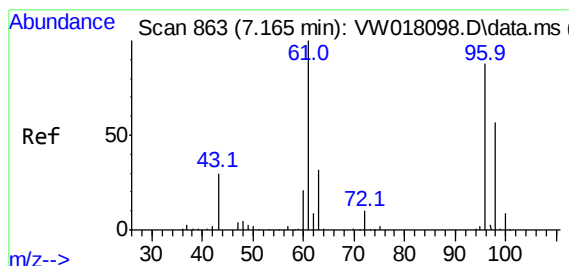
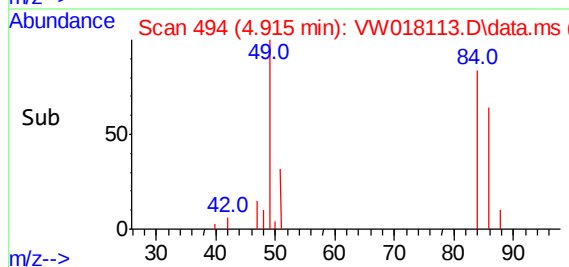
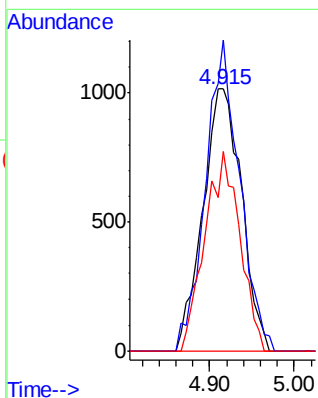
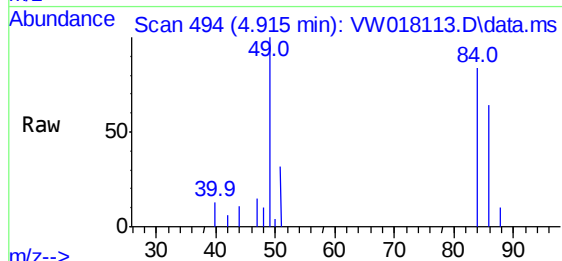


#16
Methylene chloride
Concen: 1.65 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018113.D
Acq: 12 Feb 2021 16:23

Instrument :
MSVOA_W
ClientSampleId :
DBGY9

Tgt Ion: 84 Resp: 3153

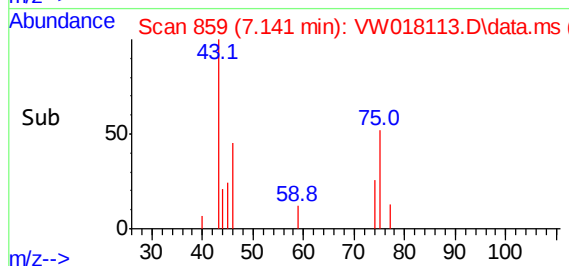
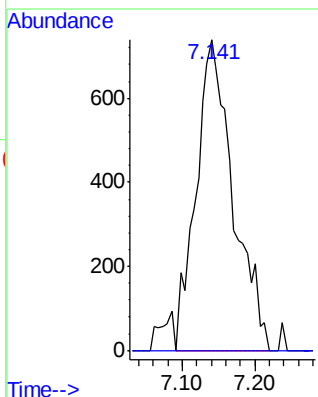
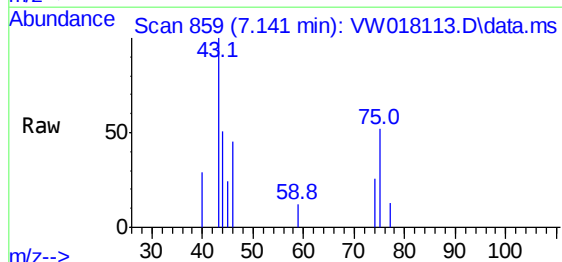
Ion	Ratio	Lower	Upper
84	100		
49	118.7	81.2	150.8
86	76.3	44.5	82.7

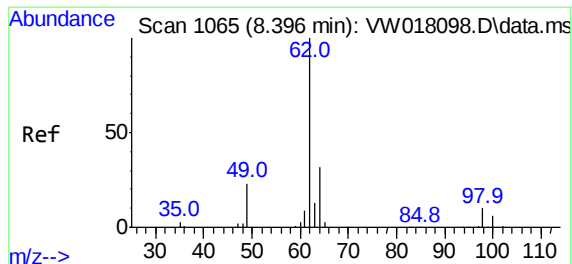


#21
2-Butanone
Concen: 5.89 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW018113.D
Acq: 12 Feb 2021 16:23

Tgt Ion: 43 Resp: 2628

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	43.2#

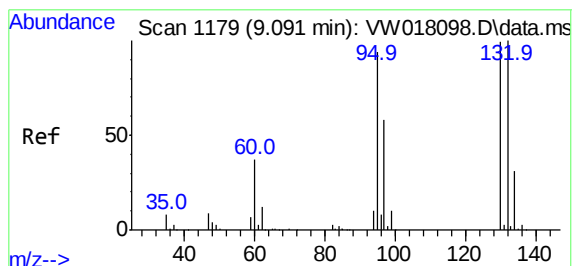
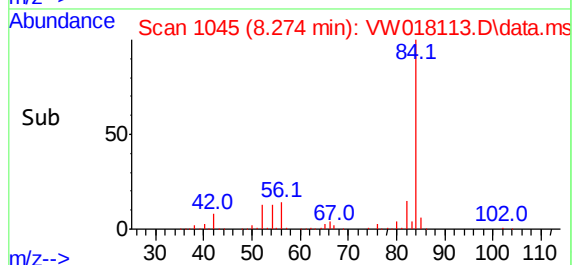
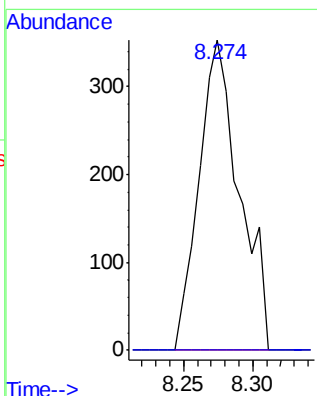
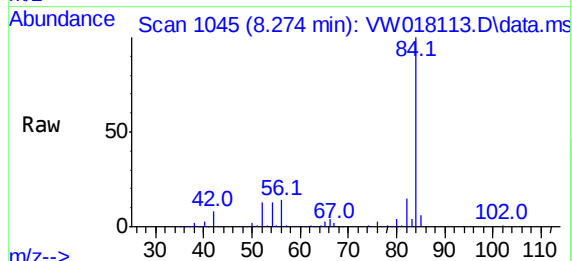




#27
1,2-Dichloroethane
Concen: 0.37 ug/L
RT: 8.274 min Scan# 1045
Delta R.T. -0.122 min
Lab File: VW018113.D
Acq: 12 Feb 2021 16:23

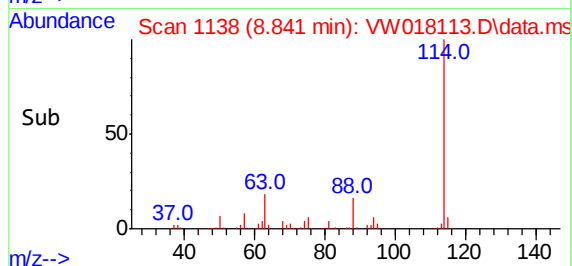
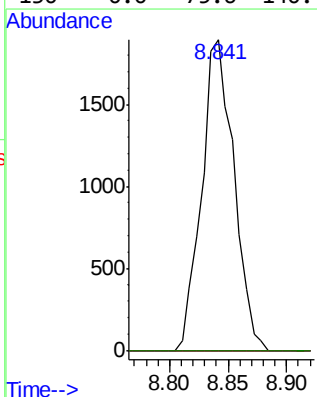
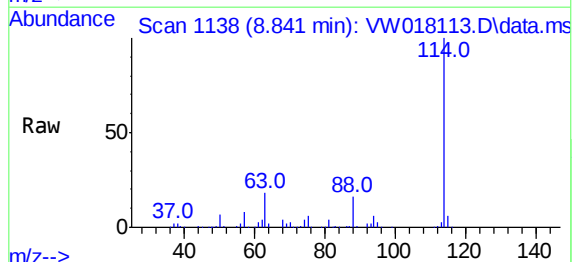
Instrument :
MSVOA_W
ClientSampleId :
DBGY9

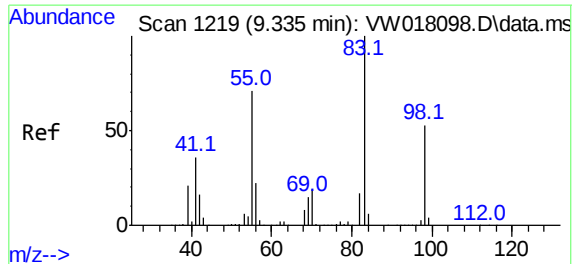
Tgt Ion: 62 Resp: 718
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#



#35
Trichloroethene
Concen: 2.51 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018113.D
Acq: 12 Feb 2021 16:23

Tgt Ion: 95 Resp: 3641
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#

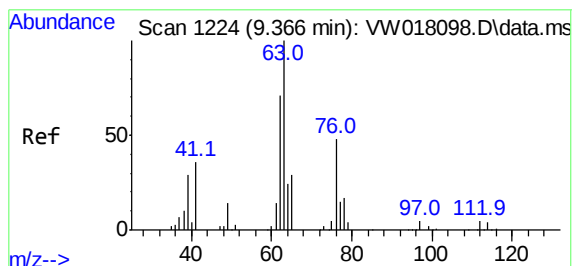
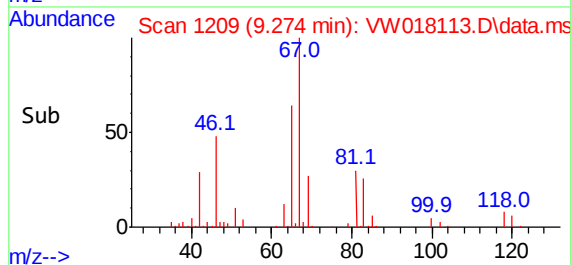
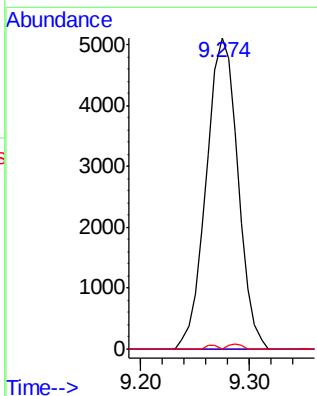
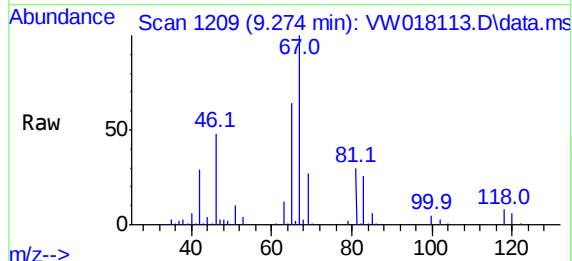




#36
Methylcyclohexane
Concen: 4.23 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018113.D
Acq: 12 Feb 2021 16:23

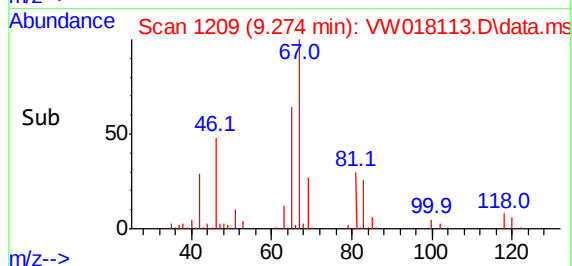
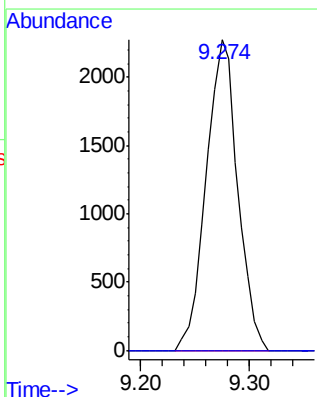
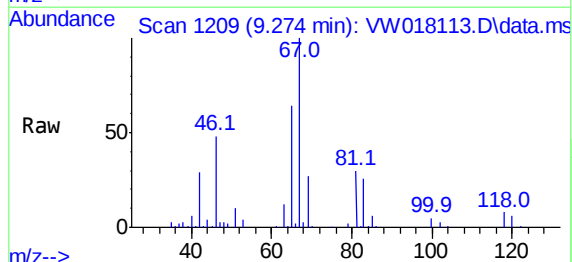
Instrument :
MSVOA_W
ClientSampleId :
DBGY9

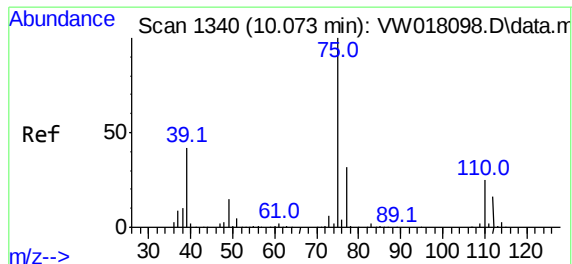
Tgt Ion: 83 Resp: 10320
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.4 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 3.87 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018113.D
Acq: 12 Feb 2021 16:23

Tgt Ion: 63 Resp: 4571
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

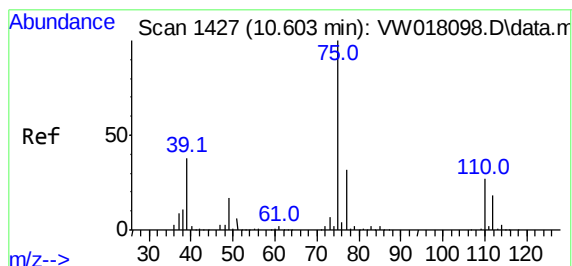
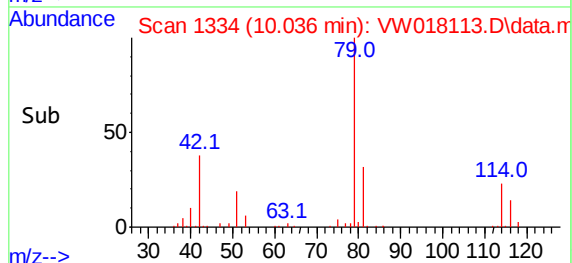
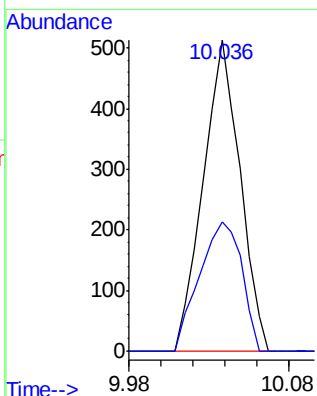
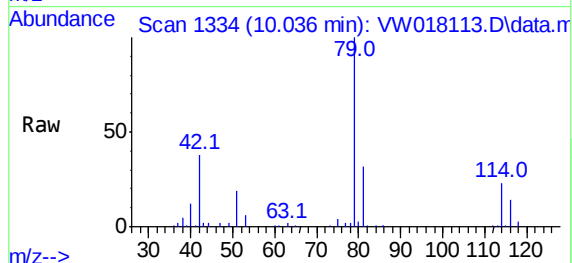




#42
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018113.D
Acq: 12 Feb 2021 16:23

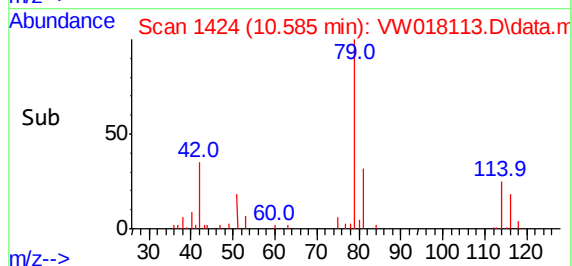
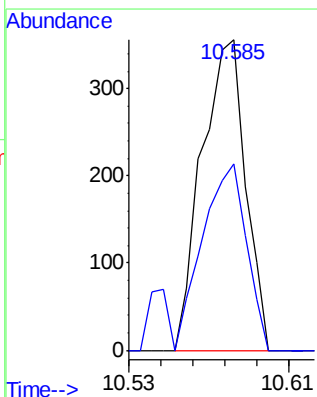
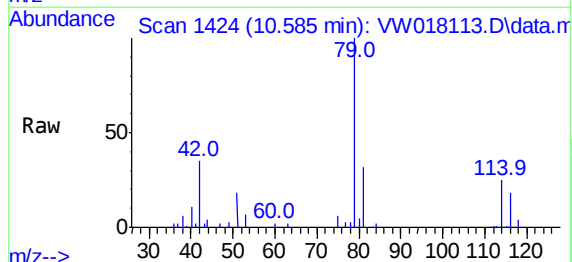
Instrument :
MSVOA_W
ClientSampleID :
DBGY9

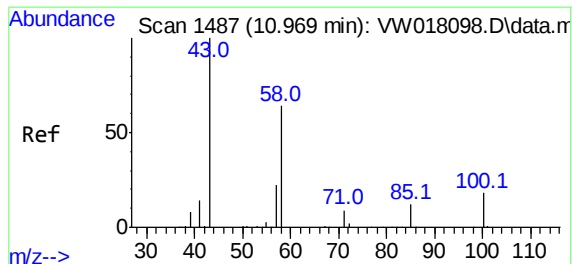
Tgt Ion: 75 Resp: 860
Ion Ratio Lower Upper
75 100
77 41.5 22.7 42.3



#45
trans-1,3-Dichloropropene
Concen: 0.34 ug/L
RT: 10.585 min Scan# 1424
Delta R.T. -0.018 min
Lab File: VW018113.D
Acq: 12 Feb 2021 16:23

Tgt Ion: 75 Resp: 561
Ion Ratio Lower Upper
75 100
77 60.1 22.6 42.0#



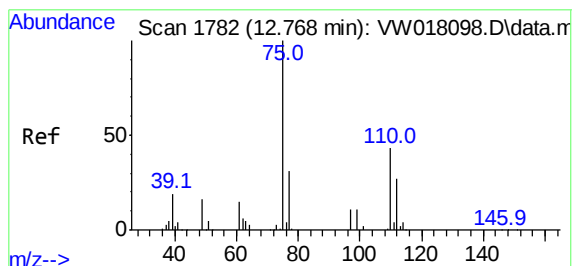
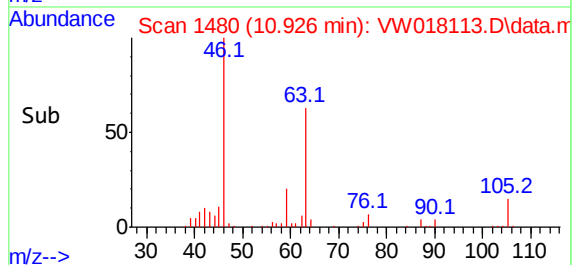
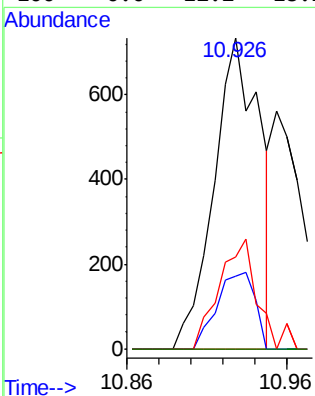
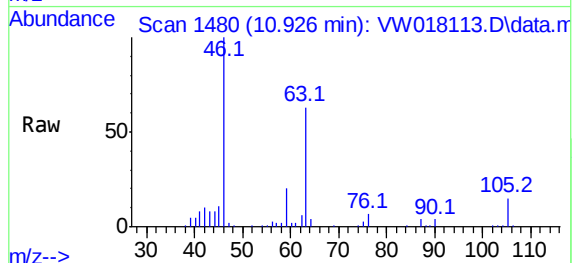


#49
2-Hexanone
Concen: 2.71 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018113.D
Acq: 12 Feb 2021 16:23

Instrument :
MSVOA_W
ClientSampleID :
DBGY9

Tgt Ion: 43 Resp: 1382

Ion	Ratio	Lower	Upper
43	100		
58	20.3	51.3	76.9#
57	27.9	15.0	22.6#
100	0.0	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 2.86 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.792 min
Lab File: VW018113.D
Acq: 12 Feb 2021 16:23

Tgt Ion: 75 Resp: 2583

Ion	Ratio	Lower	Upper
75	100		
77	37.3	26.6	39.8

