

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030921\
 Data File : VW018265.D
 Acq On : 09 Mar 2021 15:04
 Operator : SY/VA
 Sample : M1610-04
 Misc : 6.34G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG557

Quant Time: Mar 10 02:16:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 10 02:13:53 2021
 Response via : Initial Calibration

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

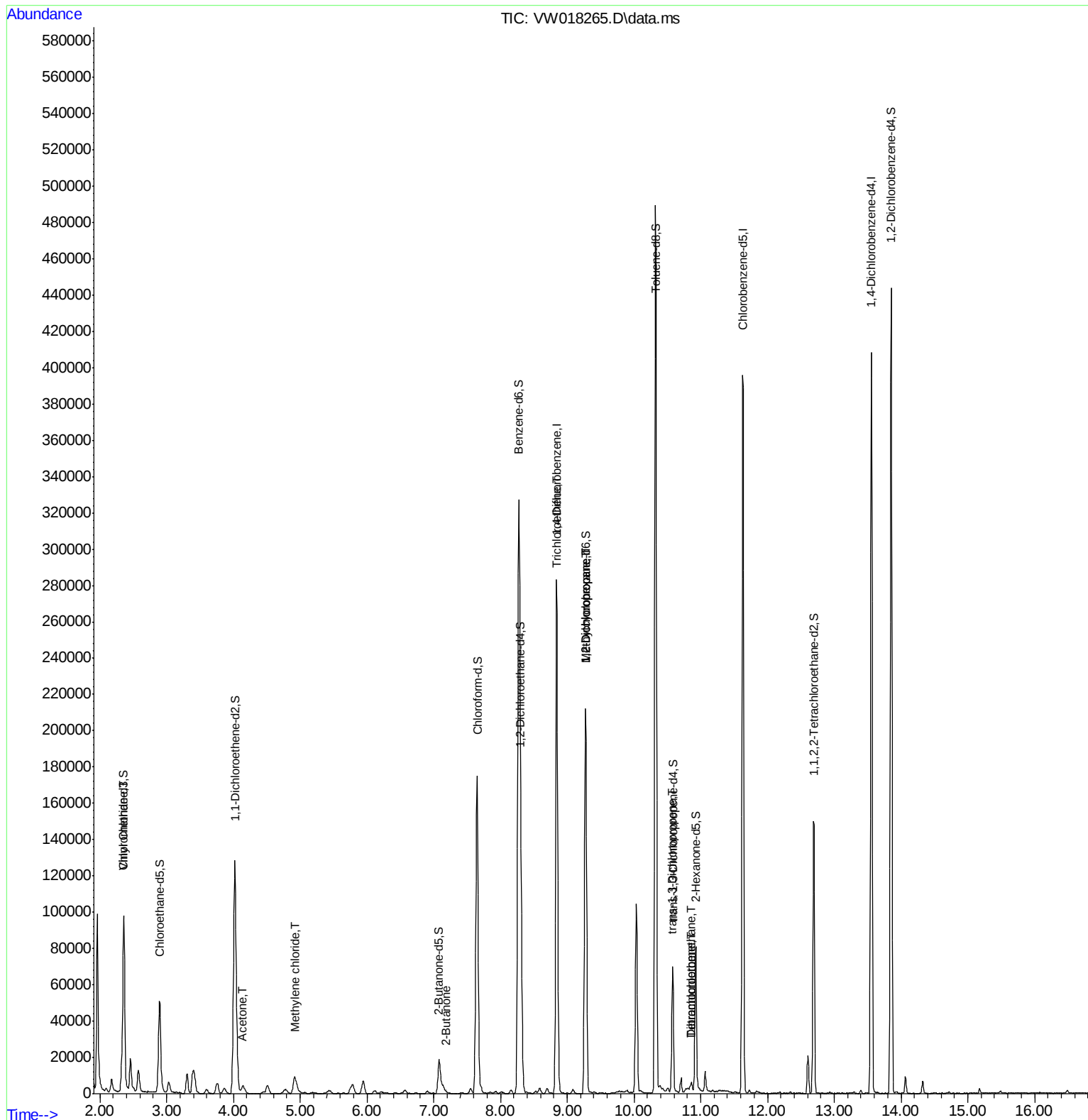
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	236153	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	219502	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	98913	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	77687	30.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	121.52%		
7) Chloroethane-d5	2.891	69	63563	30.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	122.44%		
10) 1,1-Dichloroethene-d2	4.025	63	132370	22.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	89.12%		
20) 2-Butanone-d5	7.080	46	31381	51.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.22%		
24) Chloroform-d	7.653	84	173314	27.09	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	108.36%		
26) 1,2-Dichloroethane-d4	8.305	65	101665	28.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	115.48%		
29) Benzene-d6	8.275	84	333185	28.51	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	114.04%		
33) 1,2-Dichloropropane-d6	9.274	67	92402	28.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	114.16%		
37) Toluene-d8	10.323	98	317748	28.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	112.72%		
38) trans-1,3-Dichloroprop...	10.579	79	37056	23.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.36%		
39) 2-Hexanone-d5	10.927	63	27253	50.60	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.20%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	70207	25.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.44%		
61) 1,2-Dichlorobenzene-d4	13.853	152	106931	29.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	118.96%		
Target Compounds						Qvalue
3) Chloromethane	2.355	50	653	0.30	ug/L	91
13) Acetone	4.135	43	5540	11.66	ug/L	93
16) Methylene chloride	4.922	84	7387	2.05	ug/L	96
21) 2-Butanone	7.177	43	1350	2.05	ug/L	72
35) Trichloroethene	8.848	95	7585	2.05	ug/L #	6
36) Methylcyclohexane	9.274	83	25278	4.25	ug/L #	21
40) 1,2-Dichloropropane	9.274	63	11893	4.05	ug/L #	84
45) trans-1,3-Dichloropropene	10.573	75	1928	0.44	ug/L	100
47) Tetrachloroethene	10.859	164	816	0.29	ug/L	91
50) Dibromochloromethane	10.859	129	786	0.27	ug/L #	8

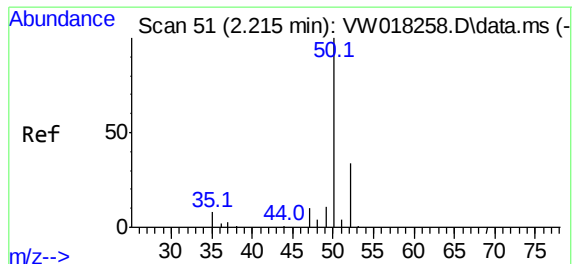
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030921\
Data File : VW018265.D
Acq On : 09 Mar 2021 15:04
Operator : SY/VA
Sample : M1610-04
Misc : 6.34G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG557

Quant Time: Mar 10 02:16:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 10 02:13:53 2021
Response via : Initial Calibration

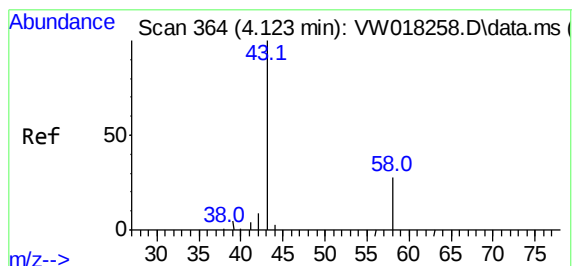
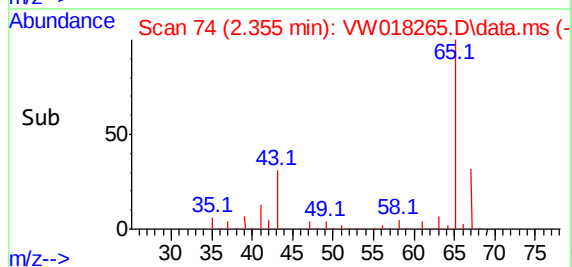
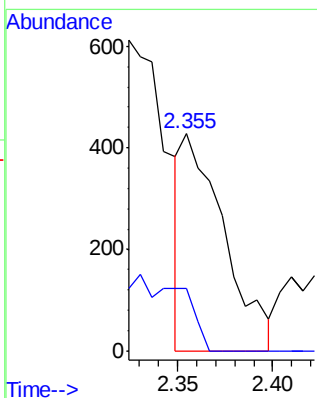
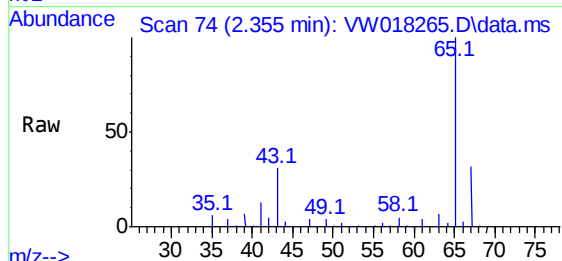




#3
Chloromethane
Concen: 0.30 ug/L
RT: 2.355 min Scan# 74
Delta R.T. 0.140 min
Lab File: VW018265.D
Acq: 09 Mar 2021 15:04

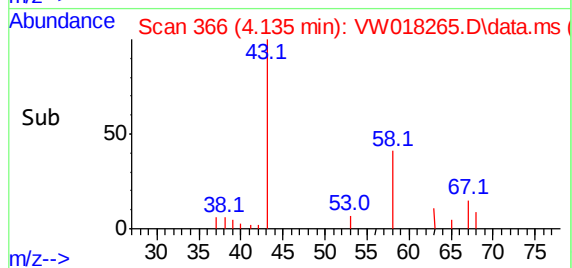
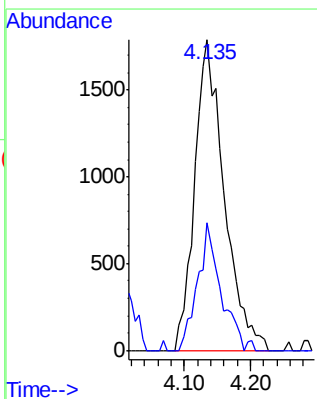
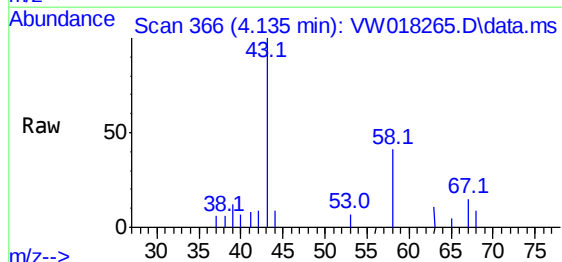
Instrument :
MSVOA_W
ClientSampled :
BG557

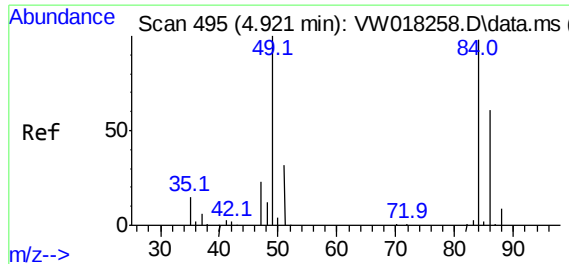
Tgt Ion: 50 Resp: 653
Ion Ratio Lower Upper
50 100
52 28.6 23.7 43.9



#13
Acetone
Concen: 11.66 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW018265.D
Acq: 09 Mar 2021 15:04

Tgt Ion: 43 Resp: 5540
Ion Ratio Lower Upper
43 100
58 27.1 0.0 62.2



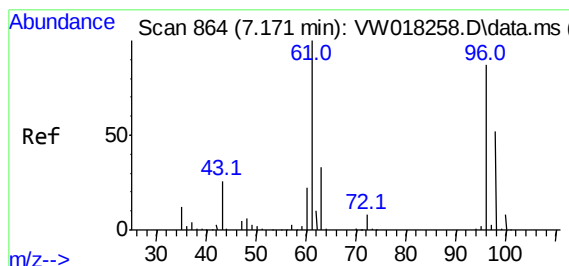
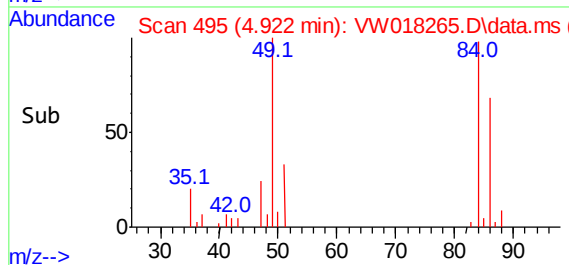
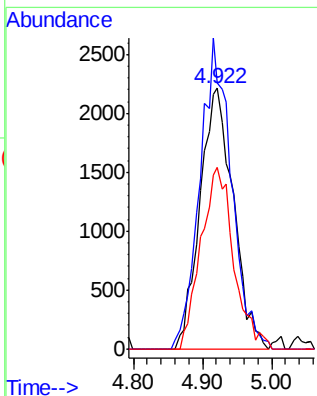
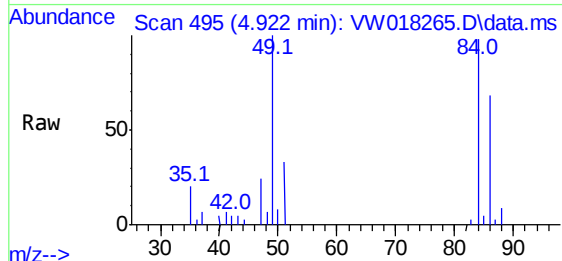


#16
Methylene chloride
Concen: 2.05 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018265.D
Acq: 09 Mar 2021 15:04

Instrument :
MSVOA_W
ClientSampled :
BG557

Tgt Ion: 84 Resp: 7387

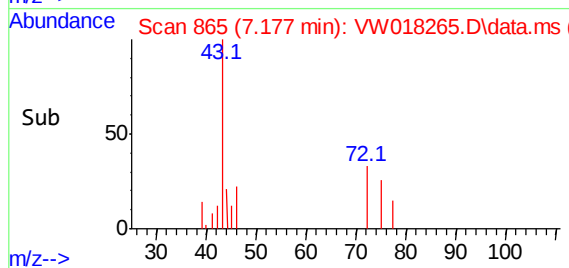
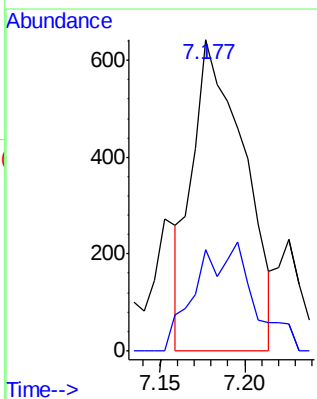
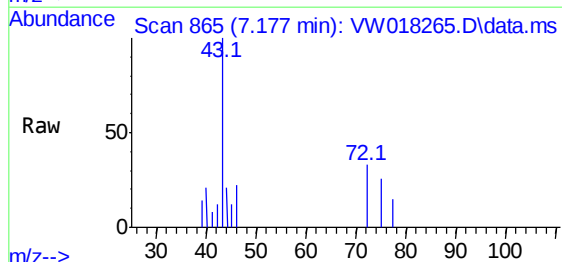
Ion	Ratio	Lower	Upper
84	100		
49	102.2	74.4	138.2
86	69.8	46.1	85.7

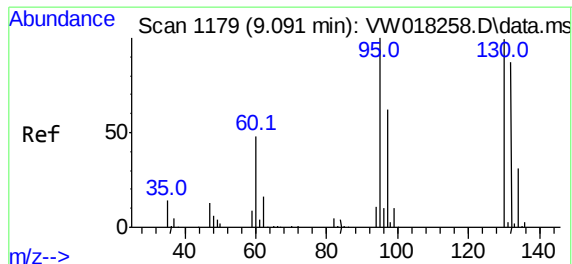


#21
2-Butanone
Concen: 2.05 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018265.D
Acq: 09 Mar 2021 15:04

Tgt Ion: 43 Resp: 1350

Ion	Ratio	Lower	Upper
43	100		
72	17.4	16.5	49.5



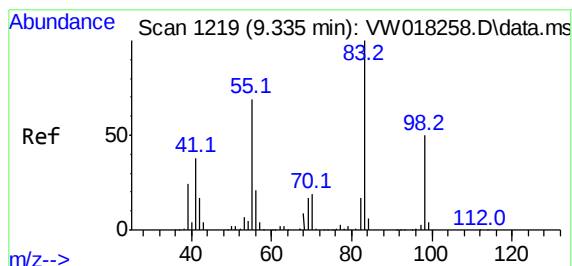
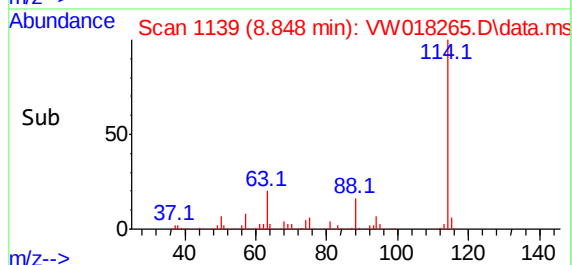
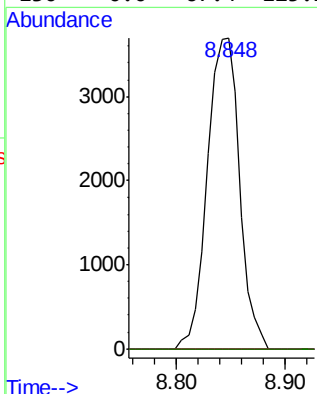
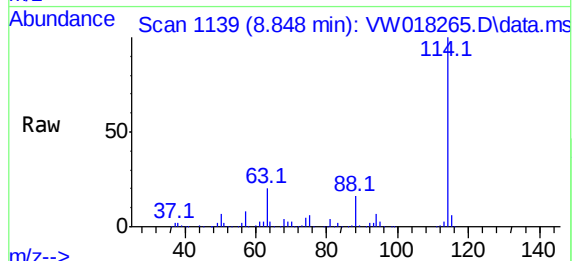


#35
Trichloroethene
Concen: 2.05 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW018265.D
Acq: 09 Mar 2021 15:04

Instrument :
MSVOA_W
ClientSampleId :
BG557

Tgt Ion: 95 Resp: 7585

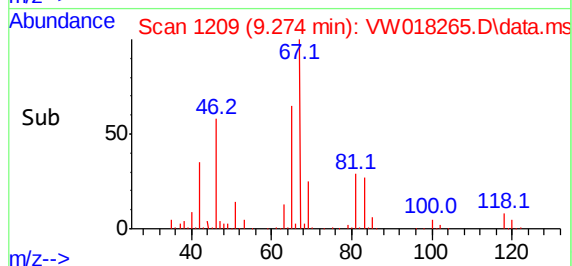
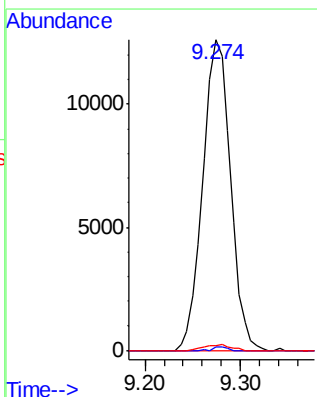
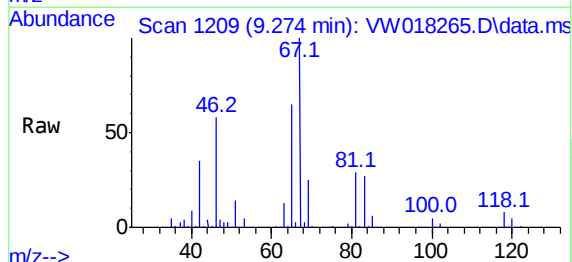
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	0.0	65.9	122.5#
130	0.0	67.4	125.2#

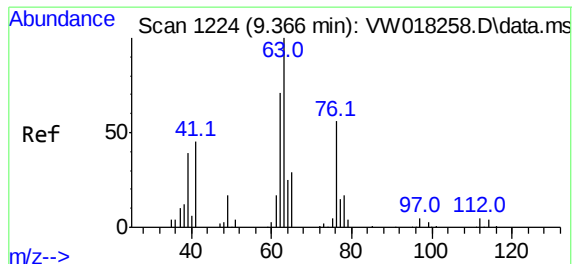


#36
Methylcyclohexane
Concen: 4.25 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018265.D
Acq: 09 Mar 2021 15:04

Tgt Ion: 83 Resp: 25278

Ion	Ratio	Lower	Upper
83	100		
55	0.5	56.8	85.2#
98	1.8	40.6	61.0#

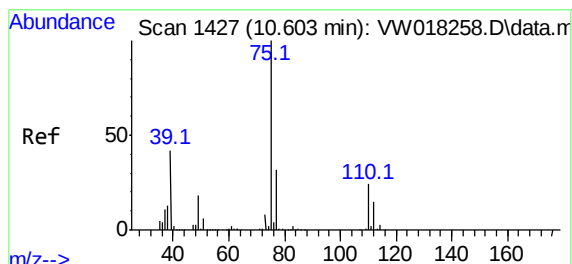
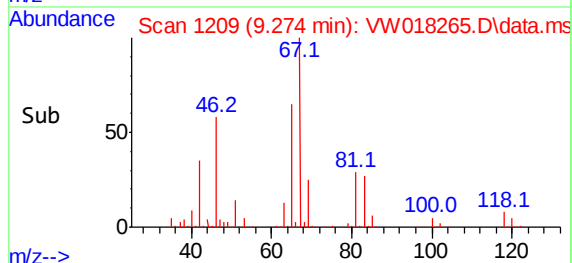
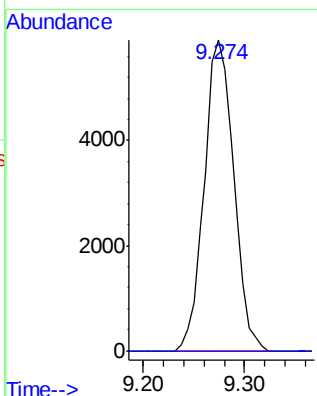
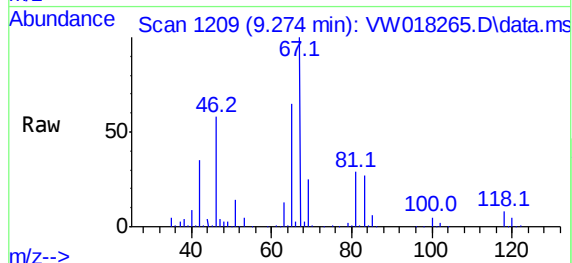




#40
1,2-Dichloropropane
Concen: 4.05 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018265.D
Acq: 09 Mar 2021 15:04

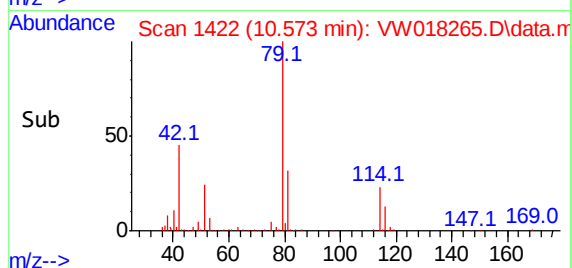
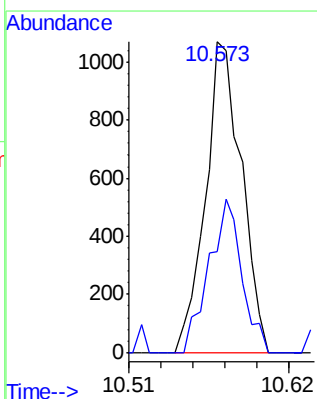
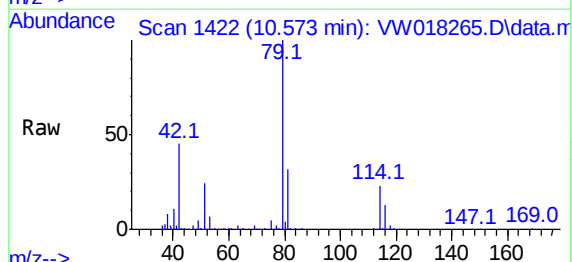
Instrument :
MSVOA_W
ClientSampled :
BG557

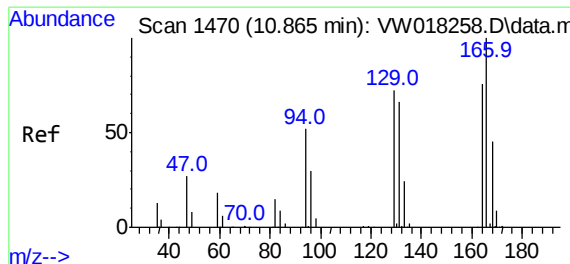
Tgt Ion: 63 Resp: 11893
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#45
trans-1,3-Dichloropropene
Concen: 0.44 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018265.D
Acq: 09 Mar 2021 15:04

Tgt Ion: 75 Resp: 1928
Ion Ratio Lower Upper
75 100
77 32.5 22.6 42.0



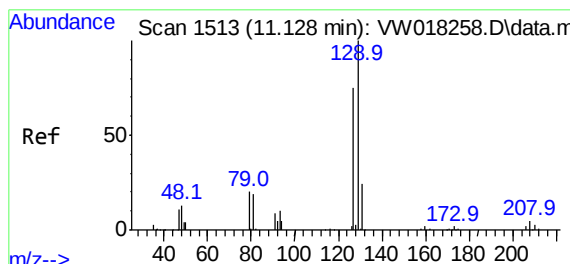
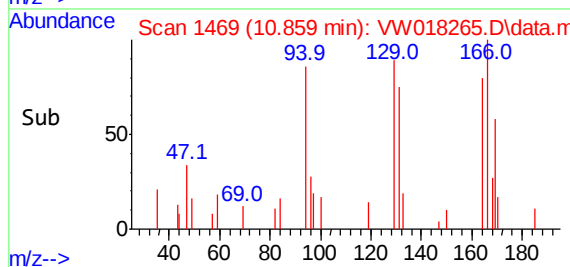
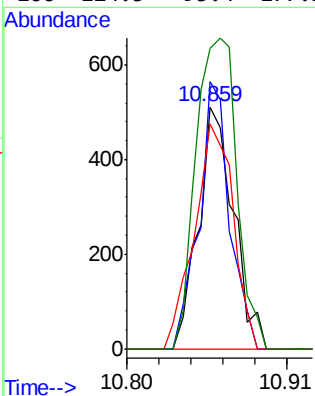
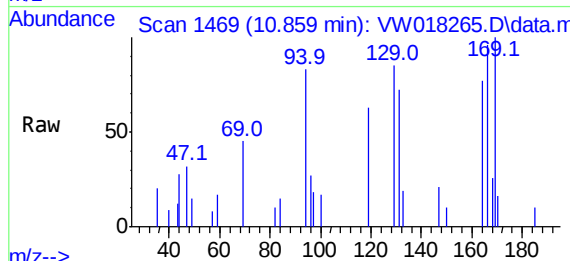


#47
Tetrachloroethene
Concen: 0.29 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018265.D
Acq: 09 Mar 2021 15:04

Instrument :
MSVOA_W
ClientSampleId :
BG557

Tgt Ion:164 Resp: 816

Ion	Ratio	Lower	Upper
164	100		
129	110.8	68.8	127.8
131	93.0	68.3	126.8
166	124.5	95.4	177.2



#50
Dibromochloromethane
Concen: 0.27 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW018265.D
Acq: 09 Mar 2021 15:04

Tgt Ion:129 Resp: 786

Ion	Ratio	Lower	Upper
129	100		
127	0.0	58.0	107.6

