

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030921\
 Data File : VW018261.D
 Acq On : 09 Mar 2021 13:28
 Operator : SY/VA
 Sample : M1610-06
 Misc : 5.89G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG559

Quant Time: Mar 10 02:14:58 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)

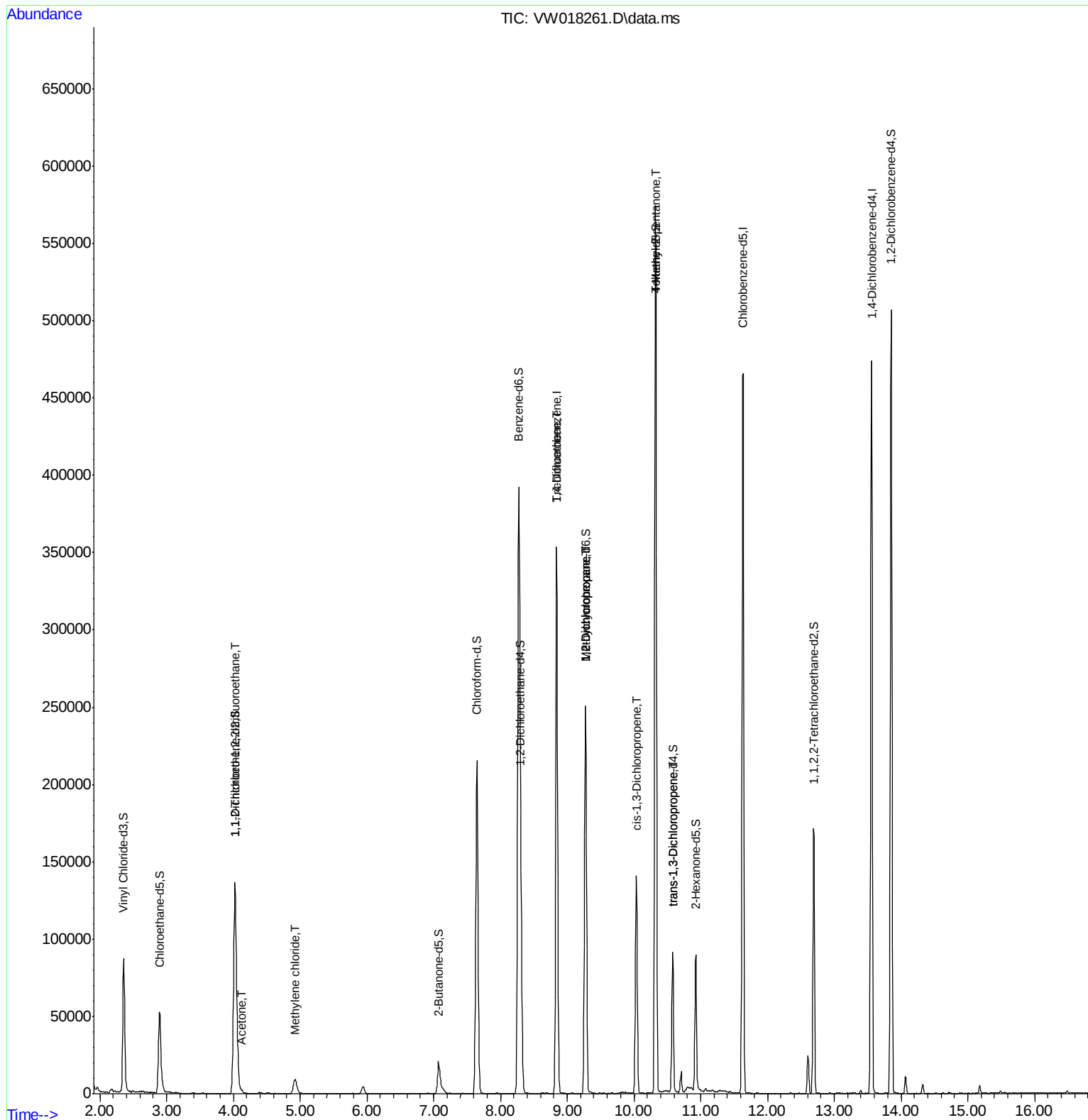
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	294968	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	254793	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	119636	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	97088	30.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.56%			
7) Chloroethane-d5	2.891	69	74370	28.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.68%			
10) 1,1-Dichloroethene-d2	4.025	63	154055	20.76	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.04%			
20) 2-Butanone-d5	7.074	46	34504	45.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.86%			
24) Chloroform-d	7.647	84	208811	26.13	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.52%			
26) 1,2-Dichloroethane-d4	8.305	65	115262	26.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.84%			
29) Benzene-d6	8.275	84	393600	29.02	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 116.08%			
33) 1,2-Dichloropropane-d6	9.274	67	104760	27.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.48%			
37) Toluene-d8	10.323	98	381311	29.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.52%			
38) trans-1,3-Dichloroprop...	10.579	79	49030	26.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.28%			
39) 2-Hexanone-d5	10.927	63	29090	46.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.06%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	77913	24.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.96%			
61) 1,2-Dichlorobenzene-d4	13.853	152	121054	27.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.36%			
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.025	101	1344	0.32	ug/L #	20
13) Acetone	4.117	43	925	1.56	ug/L	84
16) Methylene chloride	4.921	84	8513	1.89	ug/L	97
35) Trichloroethene	8.841	95	9643	2.24	ug/L #	6
36) Methylcyclohexane	9.274	83	28876	4.18	ug/L #	20
40) 1,2-Dichloropropane	9.274	63	13862	4.07	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	4229	0.74	ug/L #	77
43) 4-Methyl-2-pentanone	10.323	43	1610	0.91	ug/L #	1
45) trans-1,3-Dichloropropene	10.579	75	2497	0.49	ug/L	94

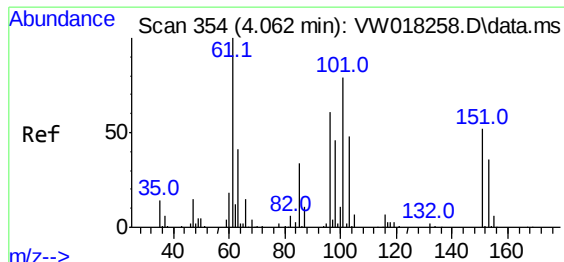
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

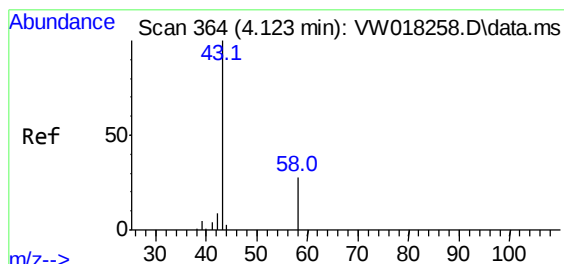
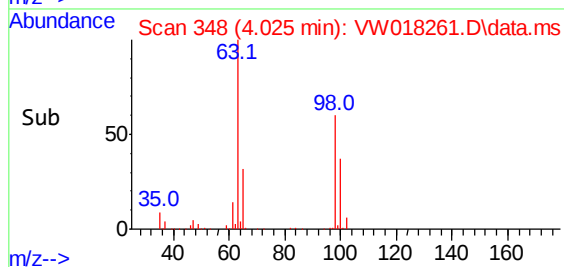
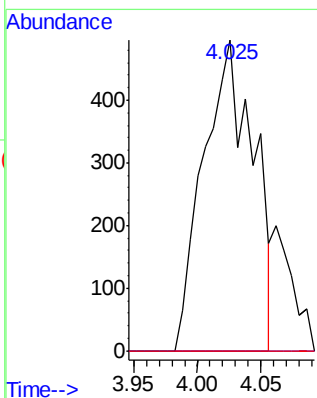
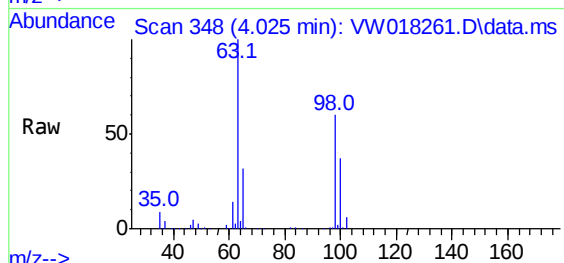




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.32 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.037 min
 Lab File: VW018261.D
 Acq: 09 Mar 2021 13:28

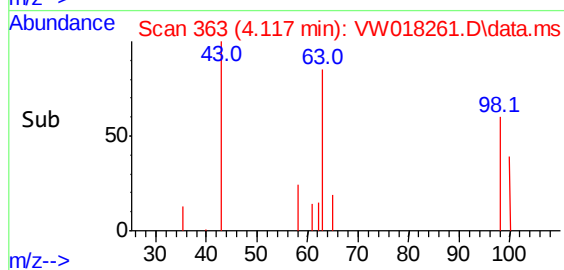
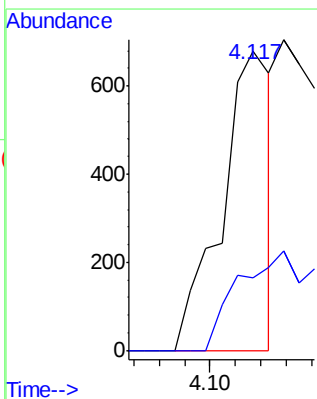
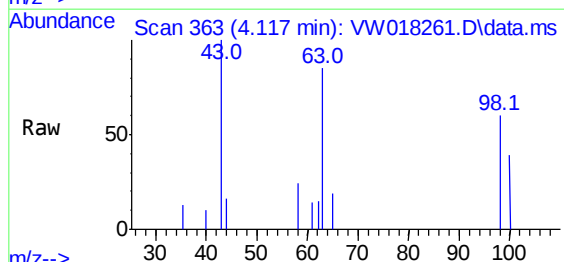
Instrument :
 MSVOA_W
 ClientSampleId :
 BG559

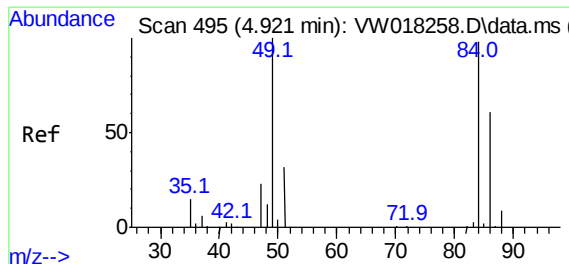
Tgt Ion:101 Resp: 1344
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 58.1 87.1#



#13
 Acetone
 Concen: 1.56 ug/L
 RT: 4.117 min Scan# 363
 Delta R.T. -0.006 min
 Lab File: VW018261.D
 Acq: 09 Mar 2021 13:28

Tgt Ion: 43 Resp: 925
 Ion Ratio Lower Upper
 43 100
 58 39.9 0.0 62.2



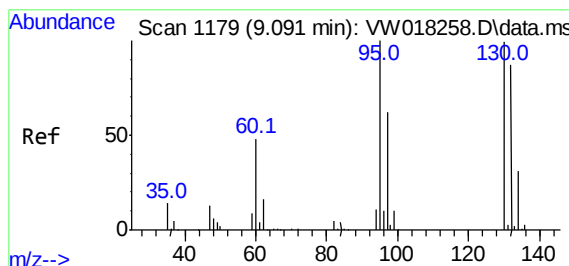
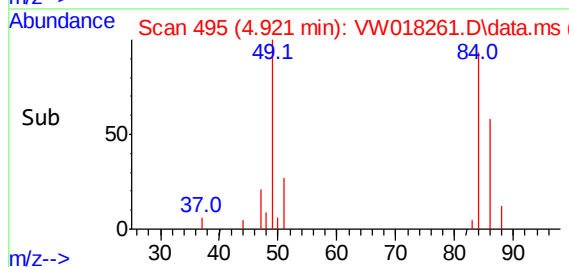
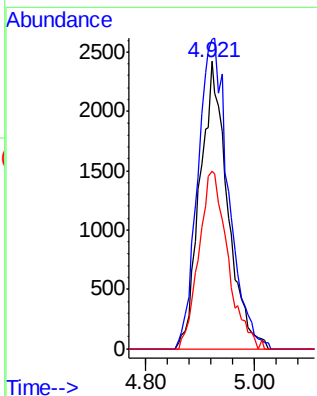
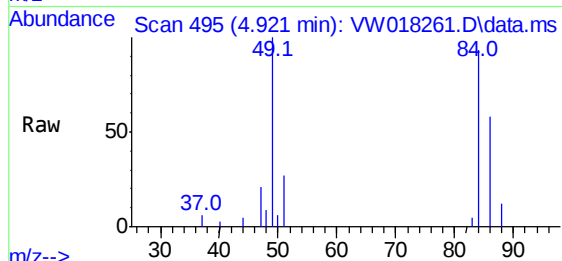


#16
Methylene chloride
Concen: 1.89 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018261.D
Acq: 09 Mar 2021 13:28

Instrument :
MSVOA_W
ClientSampled :
BG559

Tgt Ion: 84 Resp: 8513

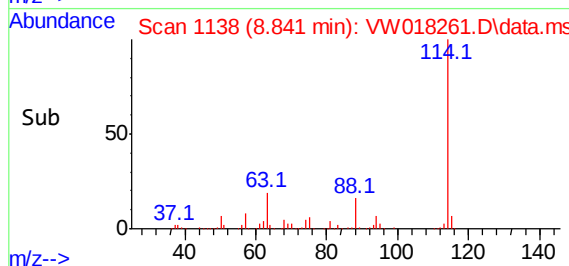
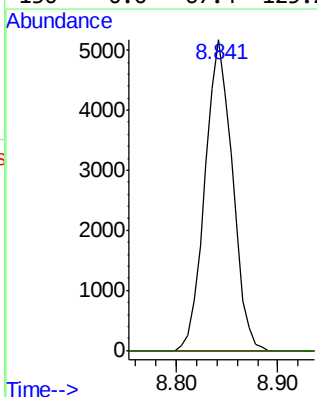
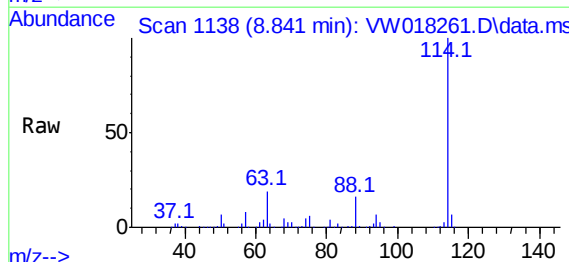
Ion	Ratio	Lower	Upper
84	100		
49	107.6	74.4	138.2
86	62.1	46.1	85.7

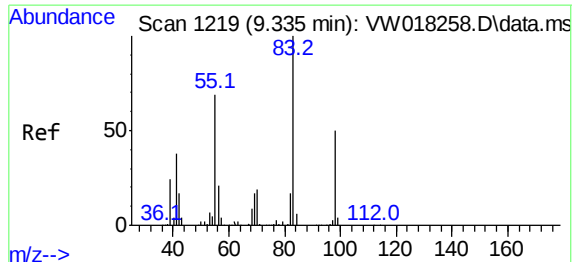


#35
Trichloroethene
Concen: 2.24 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018261.D
Acq: 09 Mar 2021 13:28

Tgt Ion: 95 Resp: 9643

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#

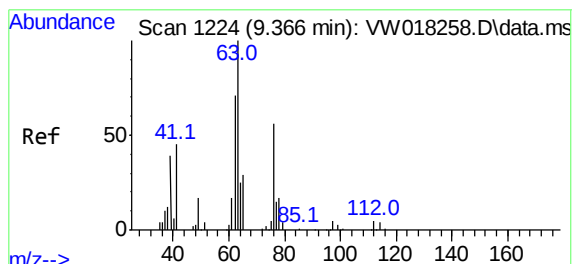
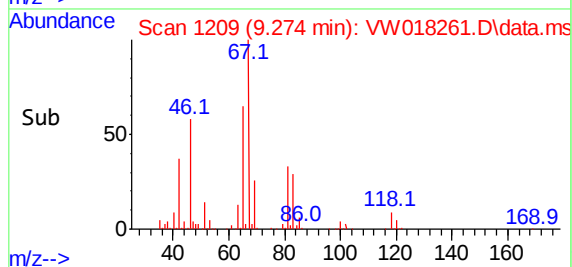
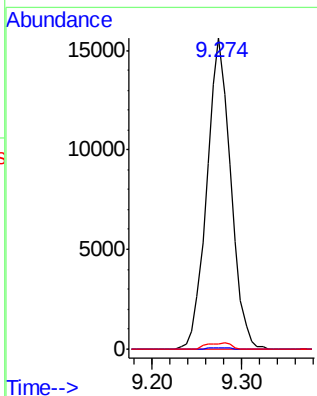
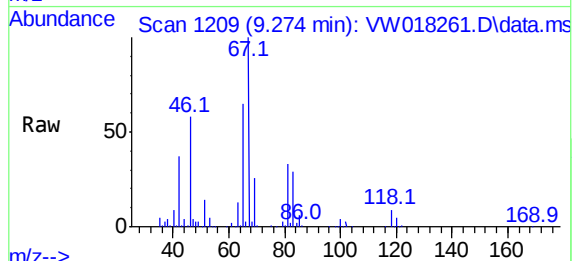




#36
Methylcyclohexane
Concen: 4.18 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018261.D
Acq: 09 Mar 2021 13:28

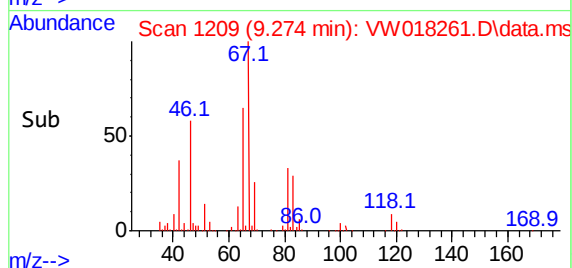
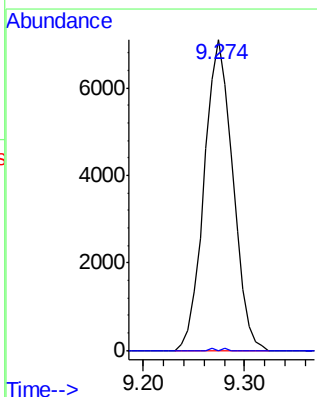
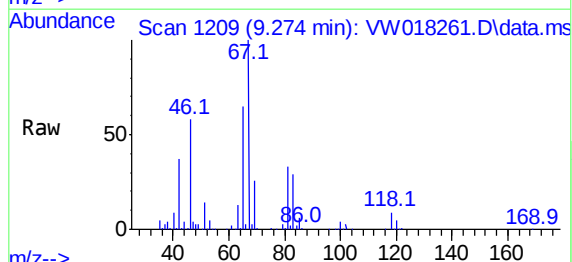
Instrument :
MSVOA_W
ClientSampleId :
BG559

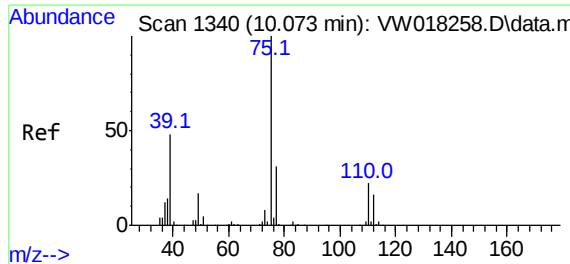
Tgt Ion: 83 Resp: 28876
Ion Ratio Lower Upper
83 100
55 0.4 56.8 85.2#
98 0.7 40.6 61.0#



#40
1,2-Dichloropropane
Concen: 4.07 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018261.D
Acq: 09 Mar 2021 13:28

Tgt Ion: 63 Resp: 13862
Ion Ratio Lower Upper
63 100
112 0.1 4.2 6.4#

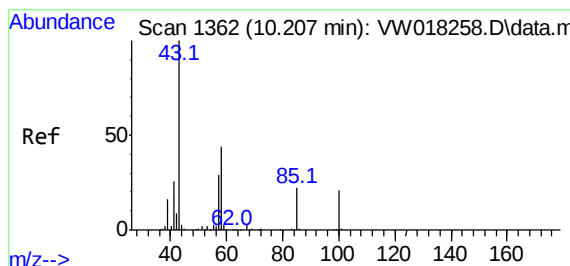
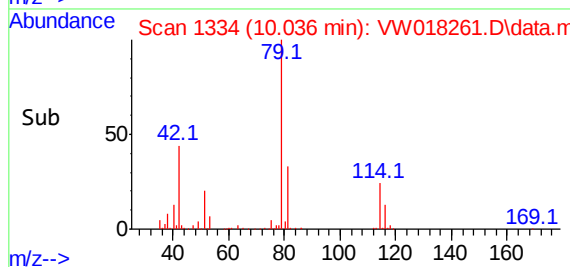
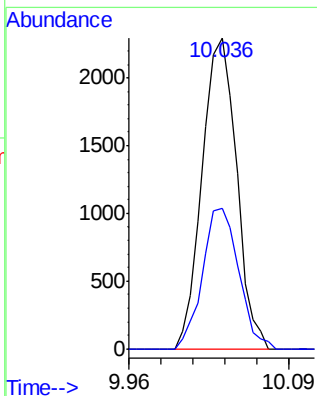
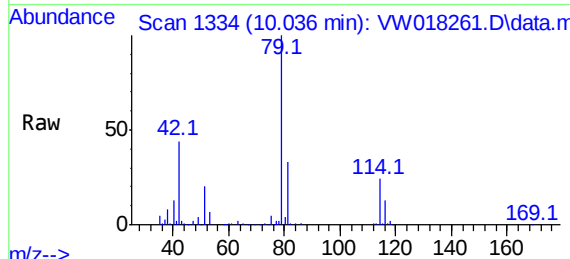




#42
cis-1,3-Dichloropropene
Concen: 0.74 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018261.D
Acq: 09 Mar 2021 13:28

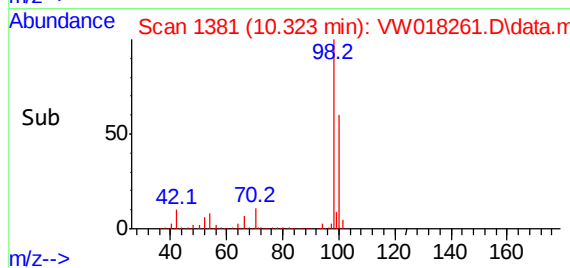
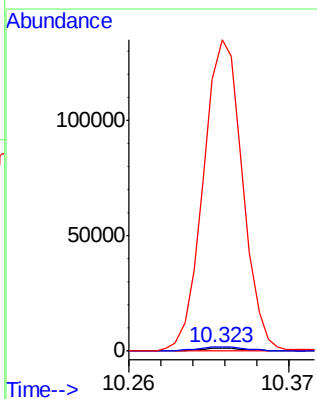
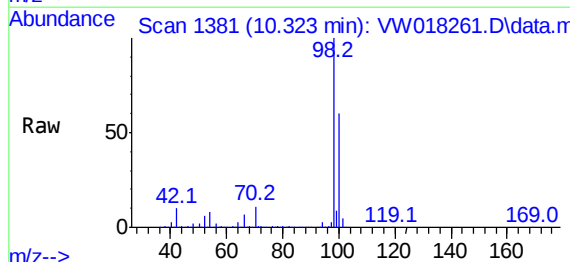
Instrument :
MSVOA_W
ClientSampled :
BG559

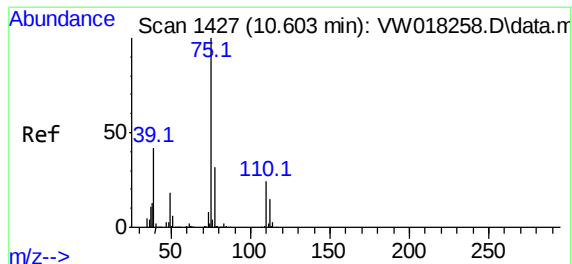
Tgt Ion: 75 Resp: 4229
Ion Ratio Lower Upper
75 100
77 45.0 22.4 41.6#



#43
4-Methyl-2-pentanone
Concen: 0.91 ug/L
RT: 10.323 min Scan# 1381
Delta R.T. 0.116 min
Lab File: VW018261.D
Acq: 09 Mar 2021 13:28

Tgt Ion: 43 Resp: 1610
Ion Ratio Lower Upper
43 100
58 195.1 34.8 52.2#
100 14991.7 15.9 23.9#





#45
trans-1,3-Dichloropropene
Concen: 0.49 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018261.D
Acq: 09 Mar 2021 13:28

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 75 Resp: 2497
Ion Ratio Lower Upper
75 100
77 35.7 22.6 42.0

