

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030921\
 Data File : VW018262.D
 Acq On : 09 Mar 2021 13:52
 Operator : SY/VA
 Sample : M1610-09
 Misc : 5.69G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG562

Quant Time: Mar 10 02:15:16 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)

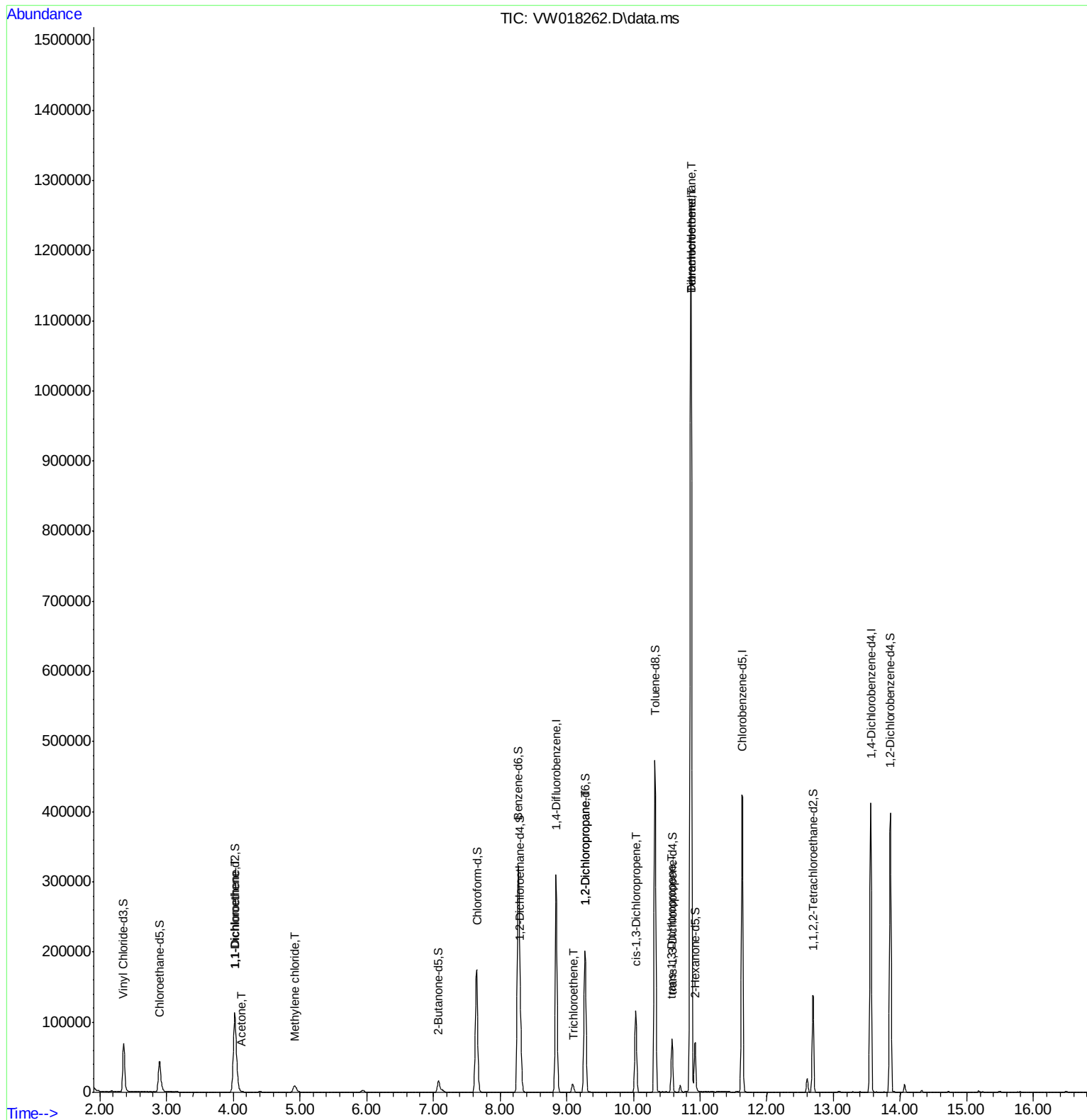
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	250240	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	233682	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	101284	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	80891	29.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	119.40%		
7) Chloroethane-d5	2.898	69	63300	28.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	115.04%		
10) 1,1-Dichloroethene-d2	4.019	63	128599	20.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	81.68%		
20) 2-Butanone-d5	7.080	46	28169	43.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.44%		
24) Chloroform-d	7.653	84	177112	26.13	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	104.52%		
26) 1,2-Dichloroethane-d4	8.305	65	94485	25.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.28%		
29) Benzene-d6	8.275	84	327071	26.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	105.16%		
33) 1,2-Dichloropropane-d6	9.275	67	89373	25.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.72%		
37) Toluene-d8	10.323	98	314508	26.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	104.80%		
38) trans-1,3-Dichloroprop...	10.579	79	40406	23.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	94.60%		
39) 2-Hexanone-d5	10.921	63	24117	42.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.12%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	65291	22.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.60%		
61) 1,2-Dichlorobenzene-d4	13.853	152	99707	27.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	108.32%		
Target Compounds						
12) 1,1-Dichloroethene	4.026	96	899	0.27	ug/L #	1
13) Acetone	4.123	43	622	1.24	ug/L	80
16) Methylene chloride	4.922	84	8542	2.24	ug/L	96
35) Trichloroethene	9.098	95	4129	1.05	ug/L	98
40) 1,2-Dichloropropane	9.275	63	11880	3.80	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	3643	0.70	ug/L	84
45) trans-1,3-Dichloropropene	10.573	75	2028	0.43	ug/L	84
47) Tetrachloroethene	10.866	164	264567	89.66	ug/L	98
50) Dibromochloromethane	10.866	129	254250	80.58	ug/L #	8

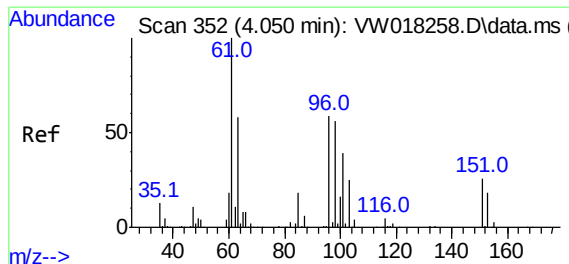
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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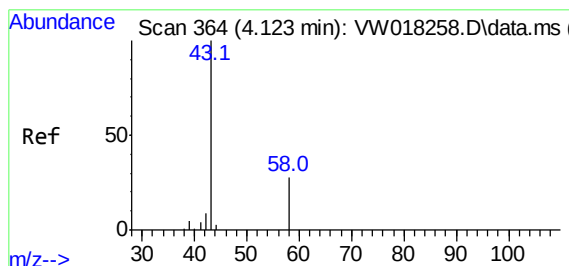
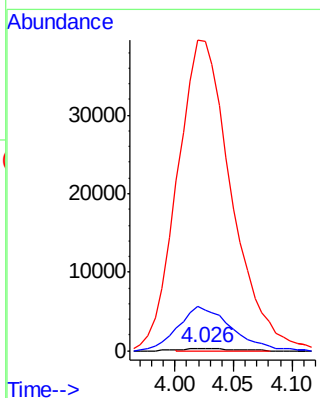
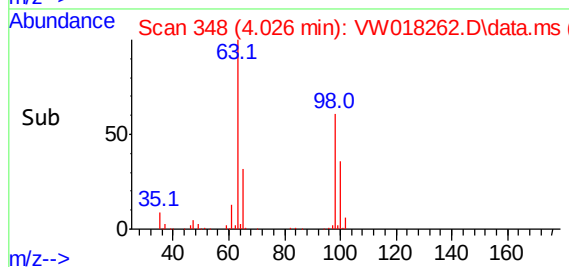
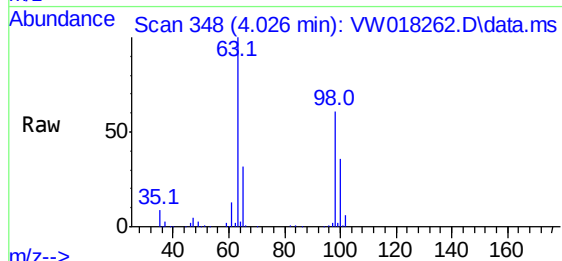




#12
1,1-Dichloroethene
Concen: 0.27 ug/L
RT: 4.026 min Scan# 348
Delta R.T. -0.024 min
Lab File: VW018262.D
Acq: 09 Mar 2021 13:52

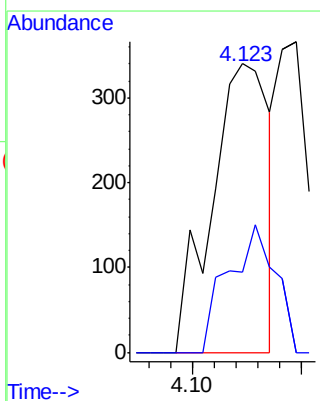
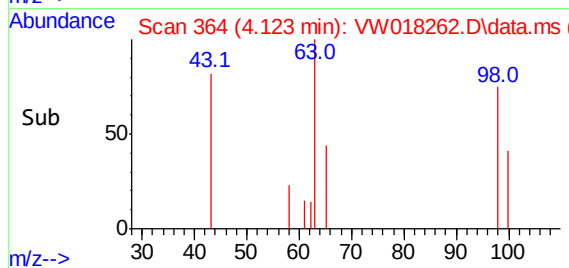
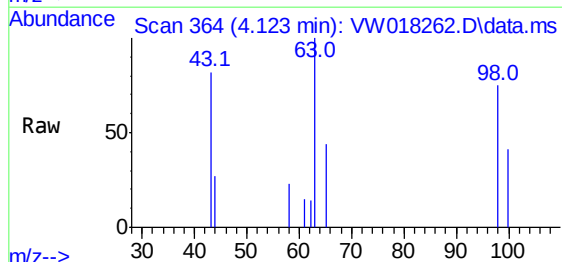
Instrument :
MSVOA_W
ClientSampleId :
BG562

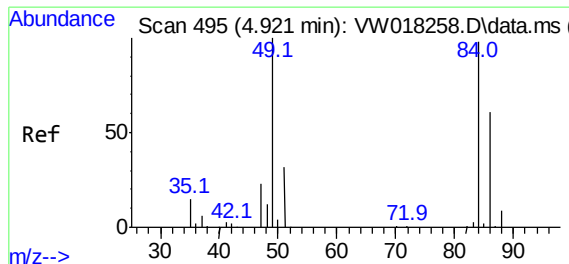
Tgt Ion: 96 Resp: 899
Ion Ratio Lower Upper
96 100
61 1583.2 118.6 220.2#
63 11997.6 82.4 153.0#



#13
Acetone
Concen: 1.24 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018262.D
Acq: 09 Mar 2021 13:52

Tgt Ion: 43 Resp: 622
Ion Ratio Lower Upper
43 100
58 19.9 0.0 62.2



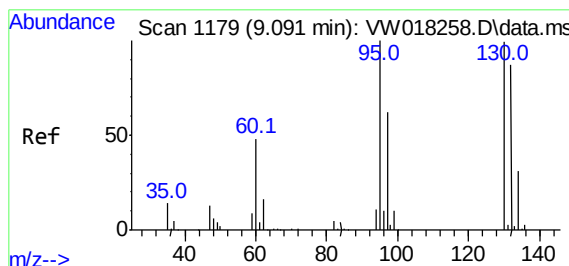
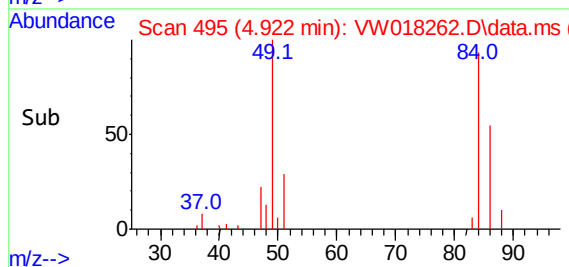
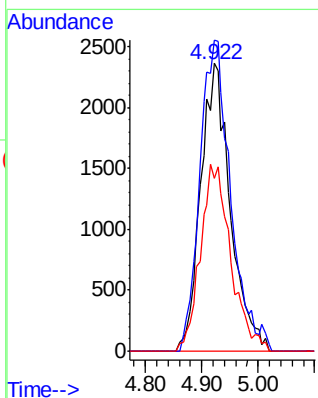
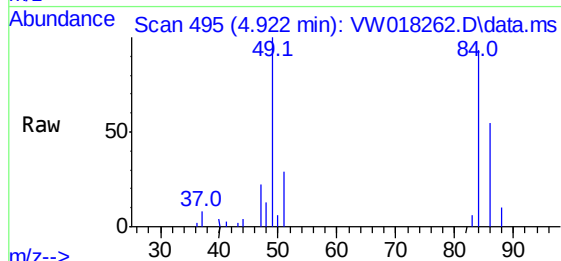


#16
Methylene chloride
Concen: 2.24 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018262.D
Acq: 09 Mar 2021 13:52

Instrument :
MSVOA_W
ClientSampled :
BG562

Tgt Ion: 84 Resp: 8542

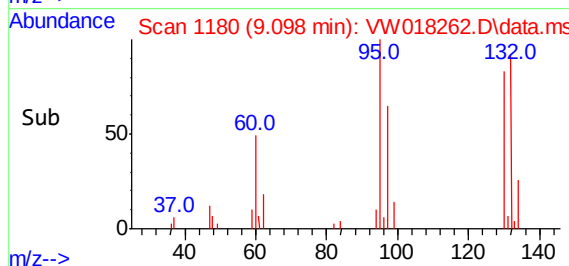
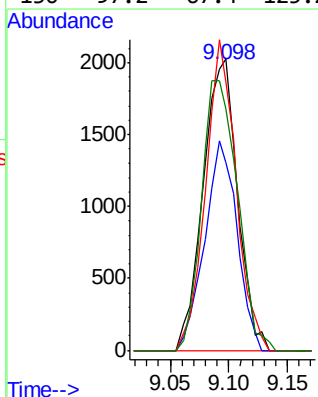
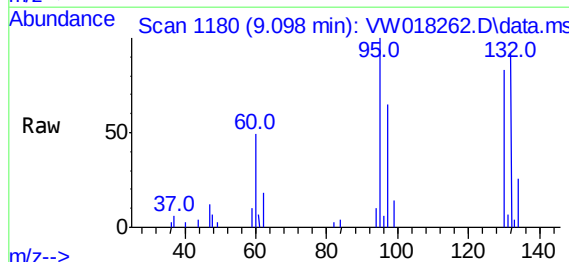
Ion	Ratio	Lower	Upper
84	100		
49	108.1	74.4	138.2
86	59.9	46.1	85.7

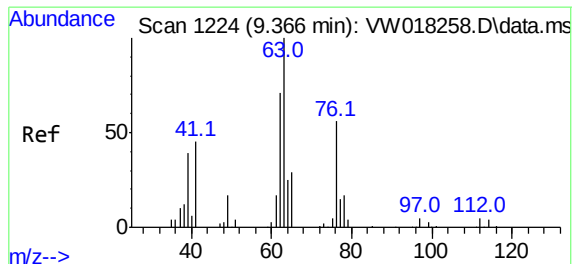


#35
Trichloroethene
Concen: 1.05 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW018262.D
Acq: 09 Mar 2021 13:52

Tgt Ion: 95 Resp: 4129

Ion	Ratio	Lower	Upper
95	100		
97	67.9	44.4	82.4
132	94.6	65.9	122.5
130	97.2	67.4	125.2

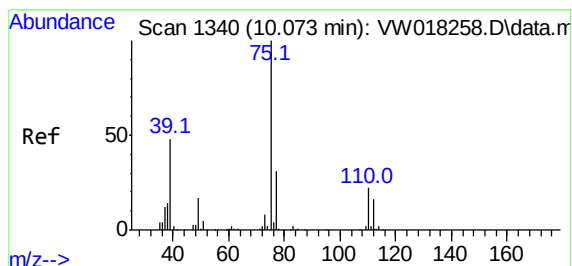
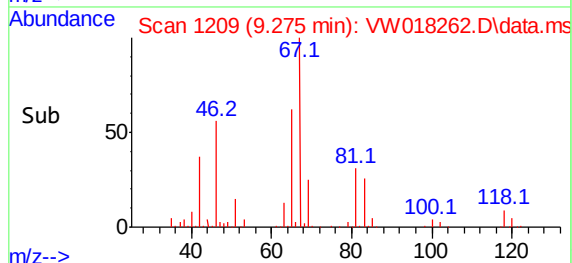
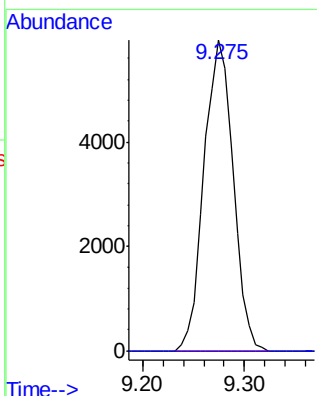
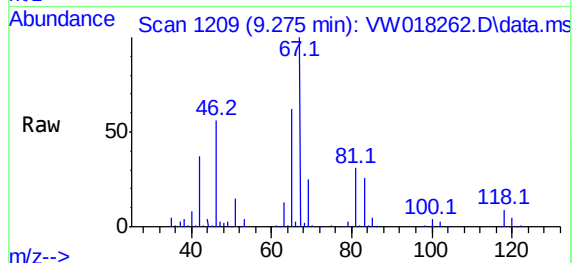




#40
1,2-Dichloropropane
Concen: 3.80 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018262.D
Acq: 09 Mar 2021 13:52

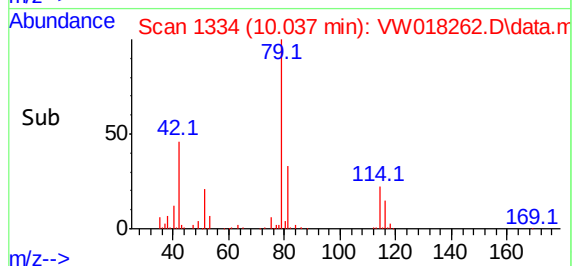
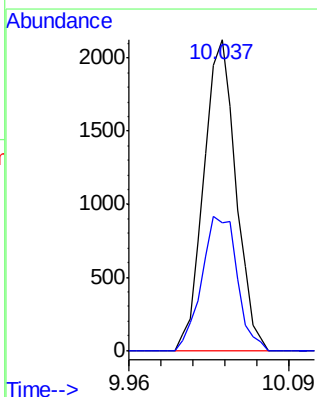
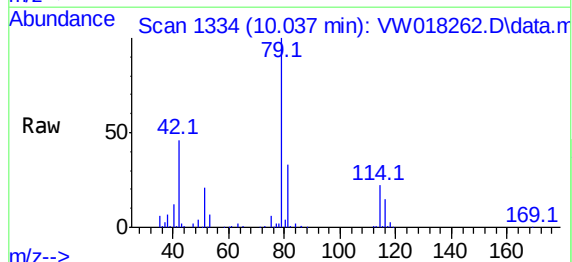
Instrument :
MSVOA_W
ClientSampleId :
BG562

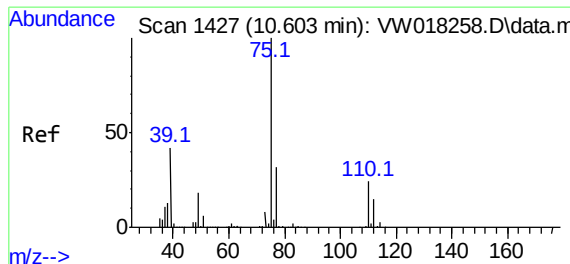
Tgt Ion: 63 Resp: 11880
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.70 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018262.D
Acq: 09 Mar 2021 13:52

Tgt Ion: 75 Resp: 3643
Ion Ratio Lower Upper
75 100
77 41.1 22.4 41.6

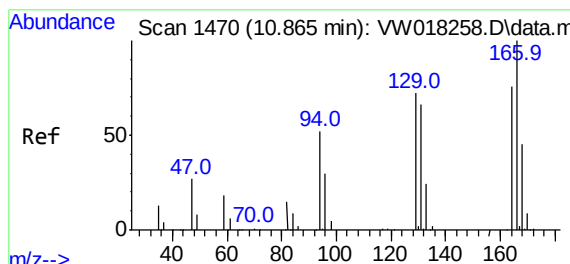
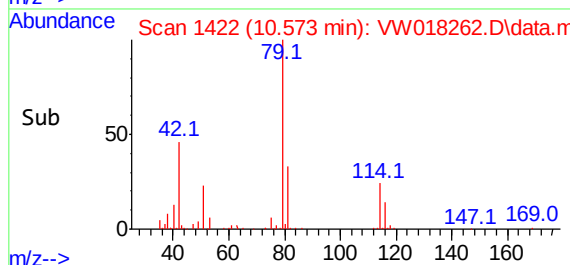
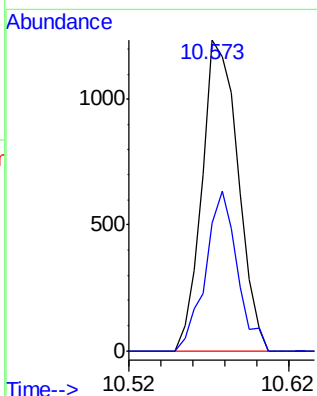
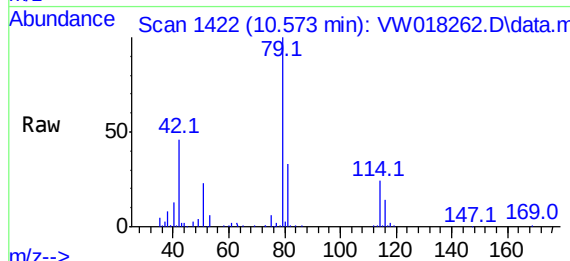




#45
trans-1,3-Dichloropropene
Concen: 0.43 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018262.D
Acq: 09 Mar 2021 13:52

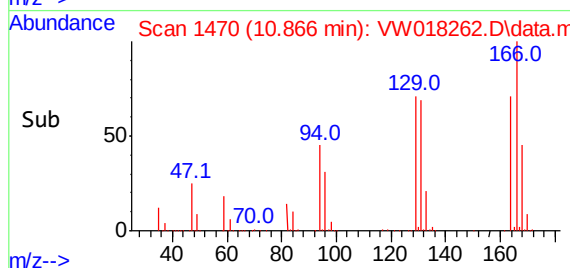
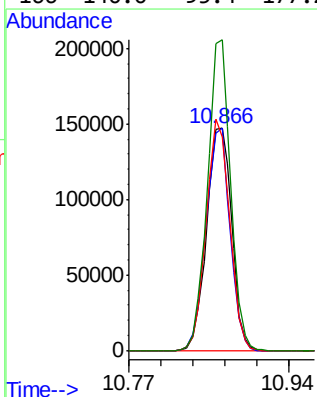
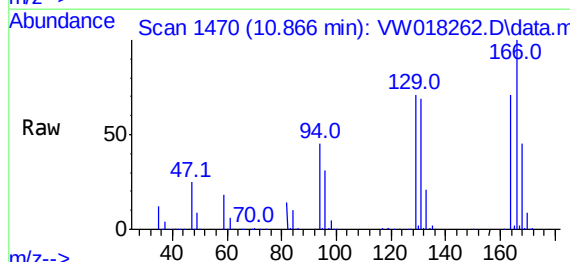
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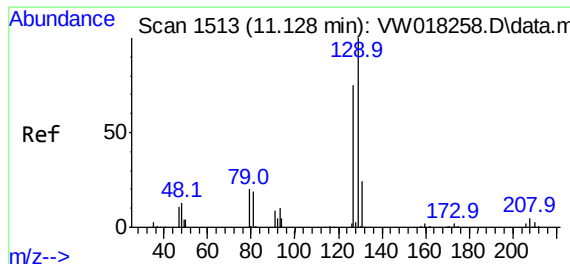
Tgt Ion: 75 Resp: 2028
Ion Ratio Lower Upper
75 100
77 41.1 22.6 42.0



#47
Tetrachloroethene
Concen: 89.66 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW018262.D
Acq: 09 Mar 2021 13:52

Tgt Ion: 164 Resp: 264567
Ion Ratio Lower Upper
164 100
129 100.1 68.8 127.8
131 95.9 68.3 126.8
166 140.0 95.4 177.2





#50
 Dibromochloromethane
 Concen: 80.58 ug/L
 RT: 10.866 min Scan# 1470
 Delta R.T. -0.262 min
 Lab File: VW018262.D
 Acq: 09 Mar 2021 13:52

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion:129 Resp: 254250
 Ion Ratio Lower Upper
 129 100
 127 0.1 58.0 107.6#

