

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032221\
 Data File : VW018414.D
 Acq On : 22 Mar 2021 11:31
 Operator : SY/VA
 Sample : M1685-19
 Misc : 5.38G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4G7

Quant Time: Mar 23 01:16:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 23 01:15:18 2021
 Response via : Initial Calibration

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

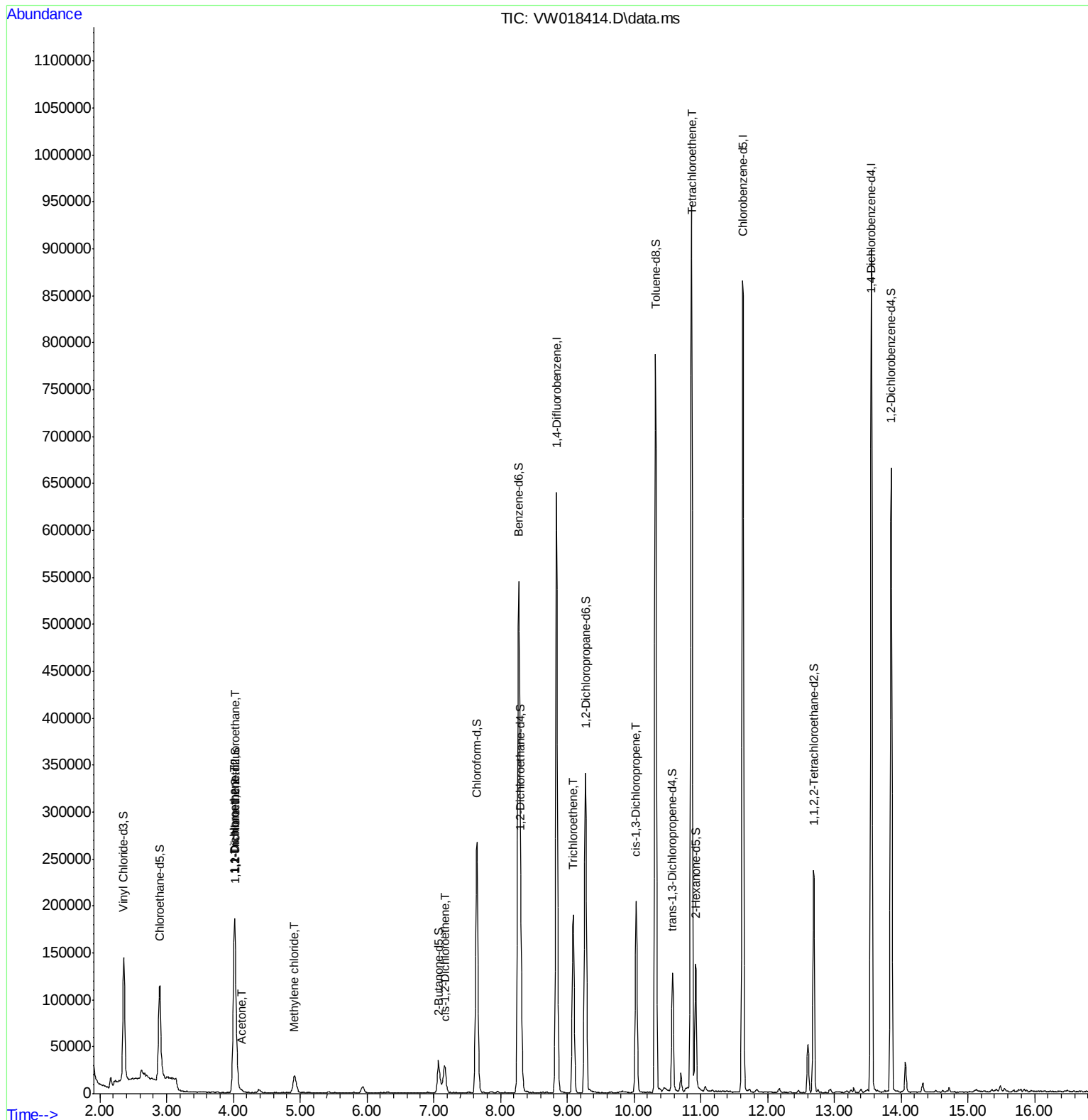
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	524203	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	461798	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	224331	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	157914	21.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.60%		
7) Chloroethane-d5	2.897	69	139197	21.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.20%		
10) 1,1-Dichloroethene-d2	4.019	63	201907	16.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.12%		
20) 2-Butanone-d5	7.073	46	54875	33.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.58%		
24) Chloroform-d	7.646	84	267346	20.02	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.08%		
26) 1,2-Dichloroethane-d4	8.305	65	151779	19.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	77.88%		
29) Benzene-d6	8.274	84	538288	21.93	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.72%		
33) 1,2-Dichloropropane-d6	9.274	67	150192	21.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.84%		
37) Toluene-d8	10.323	98	514325	21.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.04%		
38) trans-1,3-Dichloroprop...	10.573	79	69143	18.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.72%		
39) 2-Hexanone-d5	10.920	63	45721	32.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.98%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	112002	17.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	70.72%		
61) 1,2-Dichlorobenzene-d4	13.853	152	162292	20.35	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.40%		
Target Compounds						
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-...	4.025	101	2012	0.31	ug/L #	20
12) 1,1-Dichloroethene	4.013	96	2043	0.31	ug/L #	1
13) Acetone	4.117	43	4700	4.03	ug/L	66
16) Methylene chloride	4.909	84	9324	1.08	ug/L	93
22) cis-1,2-Dichloroethene	7.165	96	15859	2.08	ug/L	98
35) Trichloroethene	9.091	95	64520	8.73	ug/L	97
42) cis-1,3-Dichloropropene	10.030	75	6449	0.58	ug/L #	80
47) Tetrachloroethene	10.865	164	196840	35.08	ug/L	94

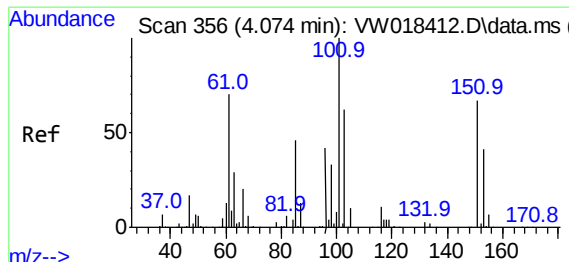
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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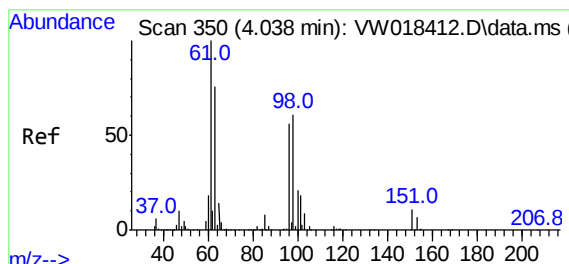
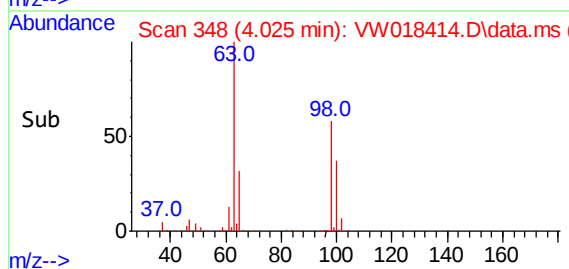
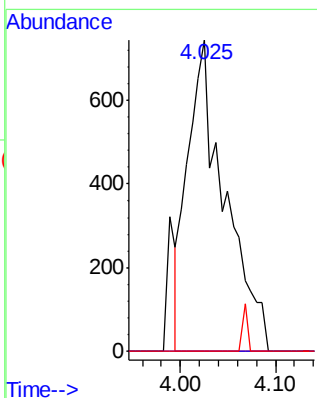
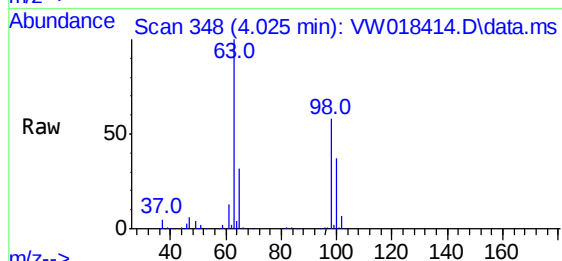


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.31 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.049 min
 Lab File: VW018414.D
 Acq: 22 Mar 2021 11:31

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4G7

Tgt Ion:101 Resp: 2012

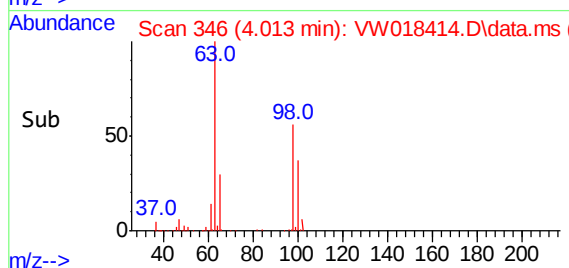
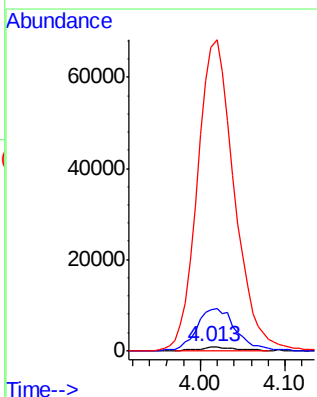
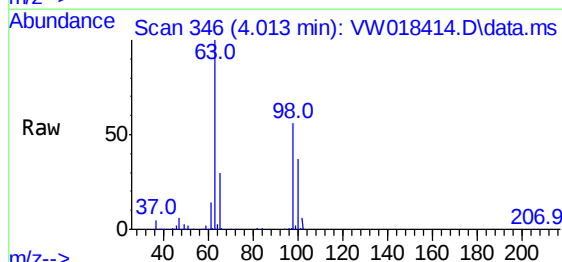
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	58.1	87.1#

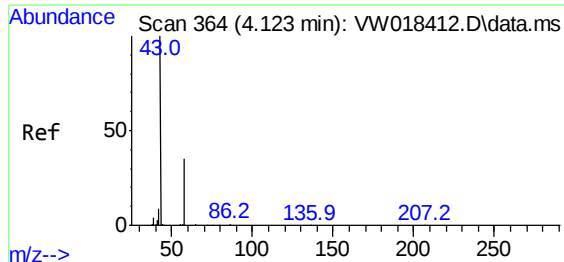


#12
 1,1-Dichloroethene
 Concen: 0.31 ug/L
 RT: 4.013 min Scan# 346
 Delta R.T. -0.025 min
 Lab File: VW018414.D
 Acq: 22 Mar 2021 11:31

Tgt Ion: 96 Resp: 2043

Ion	Ratio	Lower	Upper
96	100		
61	1090.2	118.6	220.2#
63	8051.2	82.4	153.0#

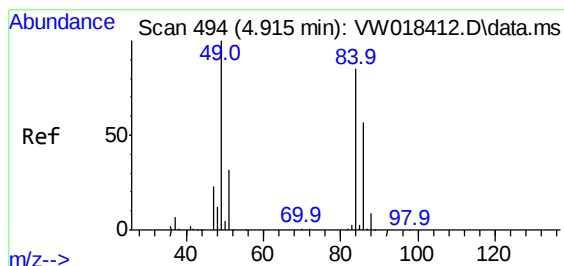
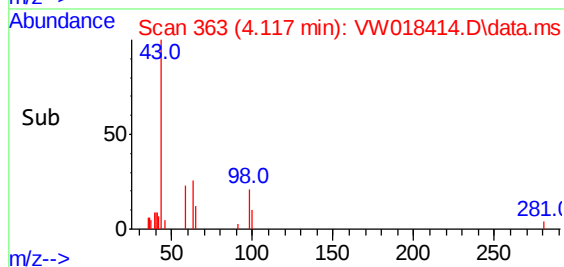
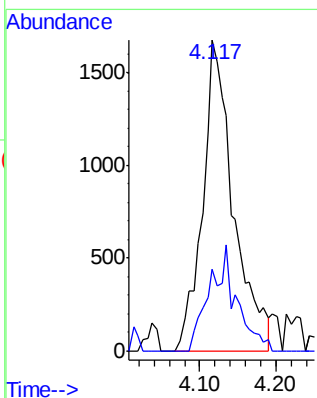
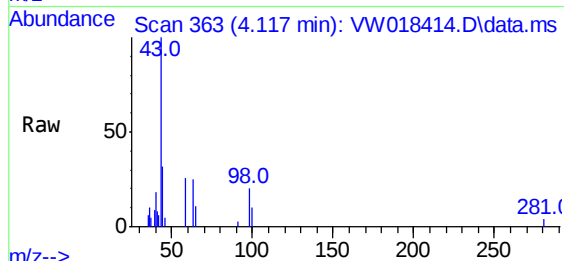




#13
Acetone
Concen: 4.03 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018414.D
Acq: 22 Mar 2021 11:31

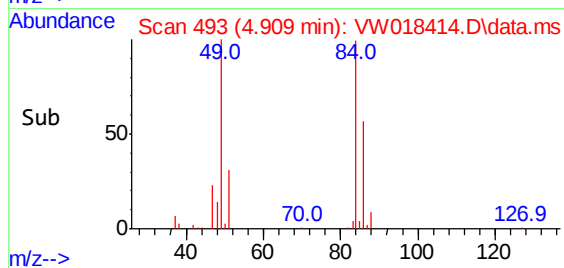
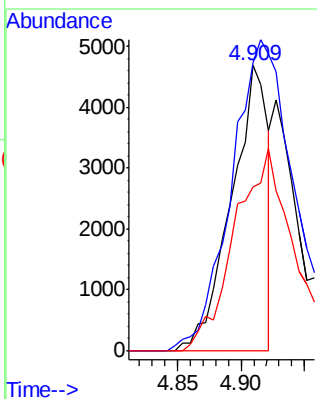
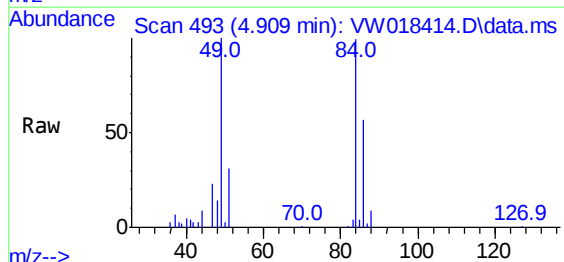
Instrument :
MSVOA_W
ClientSampled :
BG4G7

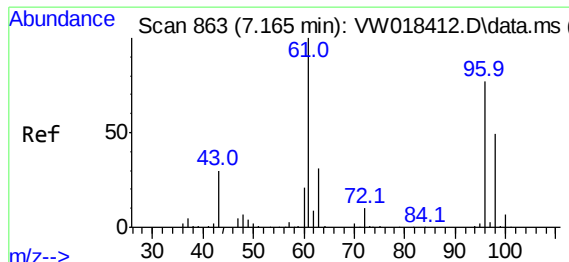
Tgt Ion: 43 Resp: 4700
Ion Ratio Lower Upper
43 100
58 12.5 0.0 62.2



#16
Methylene chloride
Concen: 1.08 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018414.D
Acq: 22 Mar 2021 11:31

Tgt Ion: 84 Resp: 9324
Ion Ratio Lower Upper
84 100
49 100.9 74.4 138.2
86 57.3 46.1 85.7



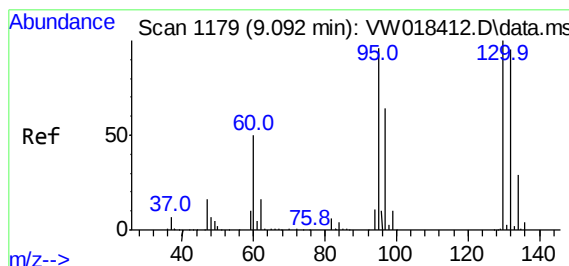
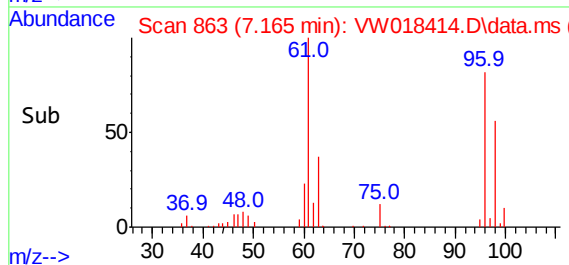
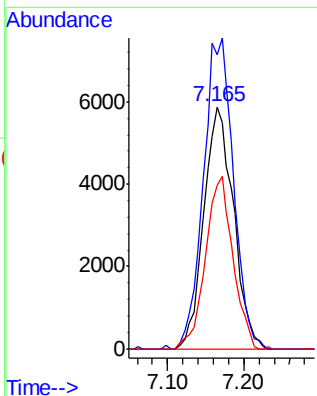
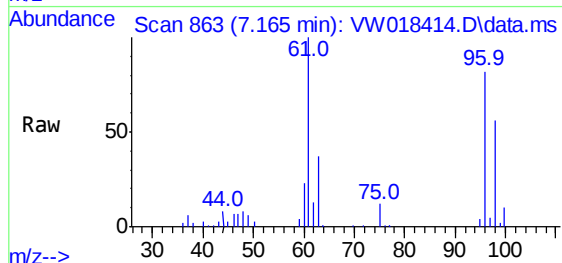


#22
cis-1,2-Dichloroethene
Concen: 2.08 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW018414.D
Acq: 22 Mar 2021 11:31

Instrument :
MSVOA_W
ClientSampled :
BG4G7

Tgt Ion: 96 Resp: 15859

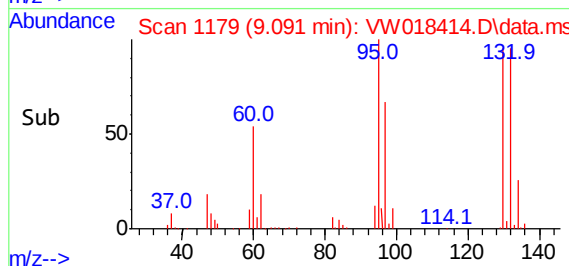
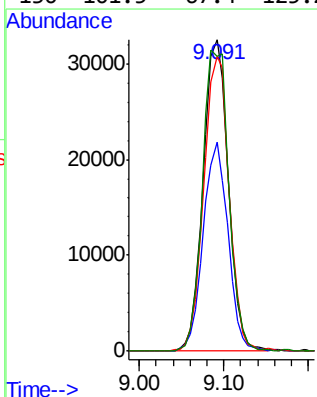
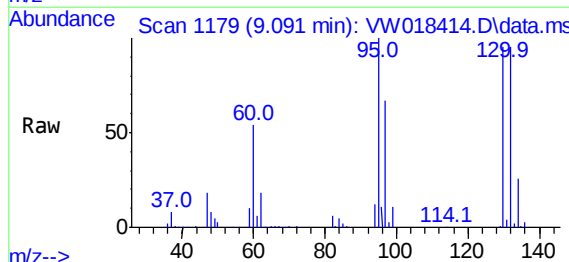
Ion	Ratio	Lower	Upper
96	100		
61	121.6	84.8	157.6
98	67.6	45.1	83.9

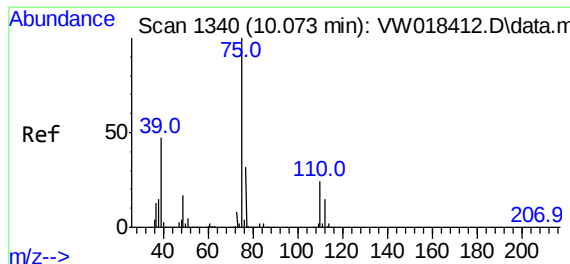


#35
Trichloroethene
Concen: 8.73 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018414.D
Acq: 22 Mar 2021 11:31

Tgt Ion: 95 Resp: 64520

Ion	Ratio	Lower	Upper
95	100		
97	66.3	44.4	82.4
132	95.6	65.9	122.5
130	101.5	67.4	125.2

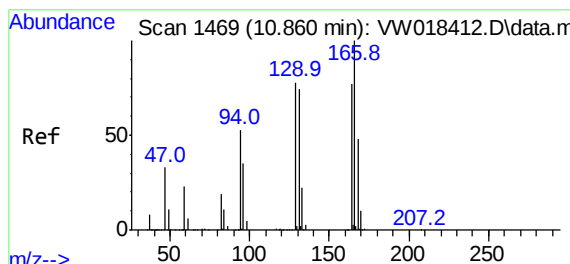
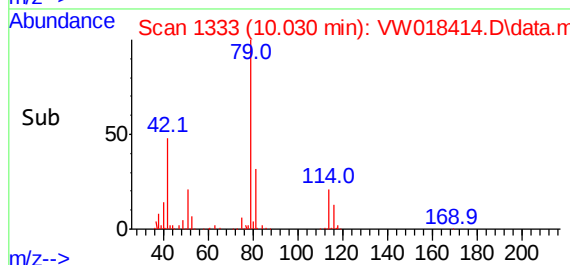
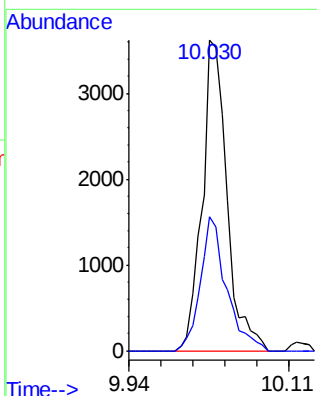
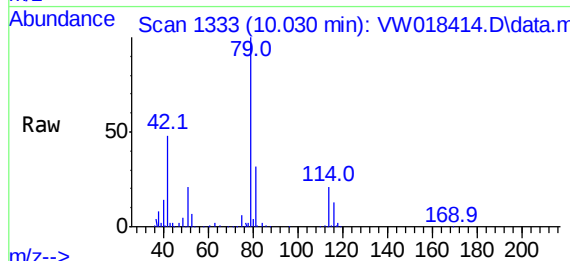




#42
cis-1,3-Dichloropropene
Concen: 0.58 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018414.D
Acq: 22 Mar 2021 11:31

Instrument :
MSVOA_W
ClientSampled :
BG4G7

Tgt Ion: 75 Resp: 6449
Ion Ratio Lower Upper
75 100
77 43.0 22.4 41.6#



#47
Tetrachloroethene
Concen: 35.08 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018414.D
Acq: 22 Mar 2021 11:31

Tgt Ion: 164 Resp: 196840
Ion Ratio Lower Upper
164 100
129 94.4 68.8 127.8
131 93.6 68.3 126.8
166 124.2 95.4 177.2

