

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020521\
 Data File : VW018039.D
 Acq On : 05 Feb 2021 17:34
 Operator : SY/VA
 Sample : M1330-09
 Misc : 5.81G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG539

Quant Time: Feb 06 01:09:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 01:06:17 2021
 Response via : Initial Calibration

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

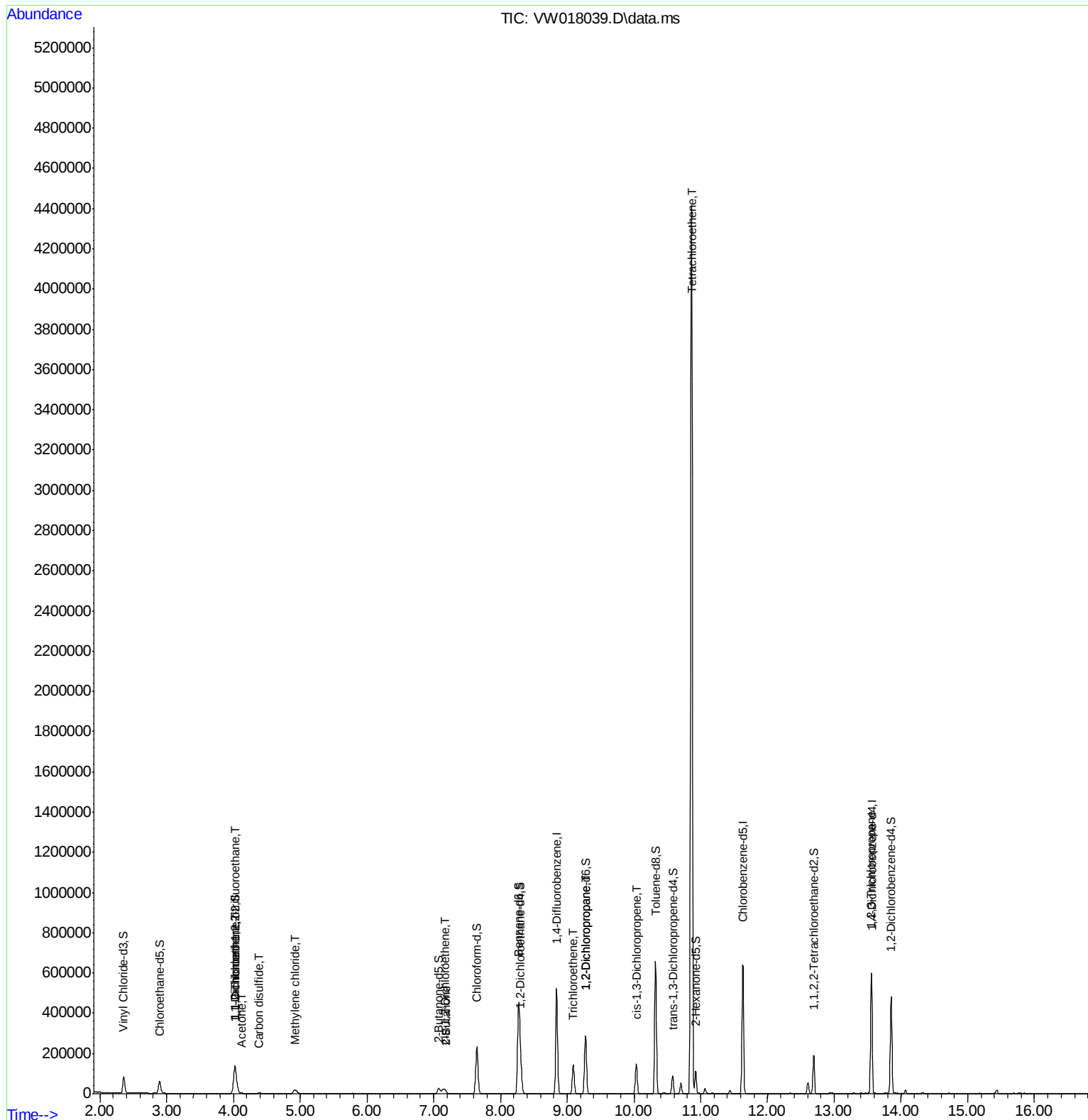
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	460765	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	382073	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	169760	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	104368	18.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.92%		
7) Chloroethane-d5	2.892	69	85743	18.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.48%		
10) 1,1-Dichloroethene-d2	4.025	63	157504	13.76	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	55.04%		
20) 2-Butanone-d5	7.080	46	47780	31.27	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	62.54%		
24) Chloroform-d	7.647	84	244572	20.23	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.92%		
26) 1,2-Dichloroethane-d4	8.305	65	120786	18.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.00%		
29) Benzene-d6	8.275	84	481979	22.97	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.88%		
33) 1,2-Dichloropropane-d6	9.274	67	135699	23.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.52%		
37) Toluene-d8	10.323	98	448569	22.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.88%		
38) trans-1,3-Dichloroprop...	10.579	79	52530	19.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.00%		
39) 2-Hexanone-d5	10.921	63	39667	35.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	70.72%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	95464	18.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	74.08%		
61) 1,2-Dichlorobenzene-d4	13.853	152	133691	22.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.32%		
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.025	101	1738	0.27	ug/L #	35
12) 1,1-Dichloroethene	4.032	96	1932	0.31	ug/L #	1
13) Acetone	4.123	43	8108	7.17	ug/L	100
14) Carbon disulfide	4.385	76	6694	0.37	ug/L #	94
16) Methylene chloride	4.922	84	20116	2.72	ug/L	94
21) 2-Butanone	7.177	43	1973	1.15	ug/L	76
22) cis-1,2-Dichloroethene	7.171	96	9138	1.34	ug/L	93
35) Trichloroethene	9.092	95	48555	7.72	ug/L	99
40) 1,2-Dichloropropane	9.274	63	15388	3.00	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	3868	0.47	ug/L #	60
47) Tetrachloroethene	10.866	164	1076476	200.92	ug/L	96
59) 1,2,3-Trichloropropane	13.554	75	17505	4.47	ug/L	99

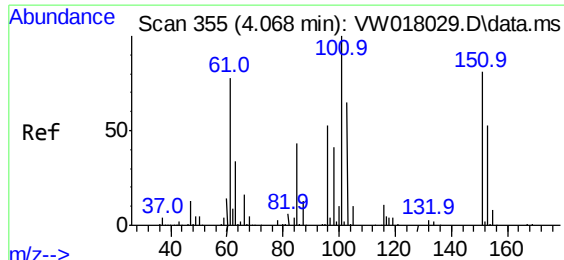
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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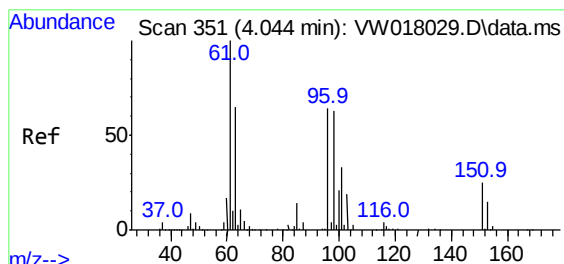
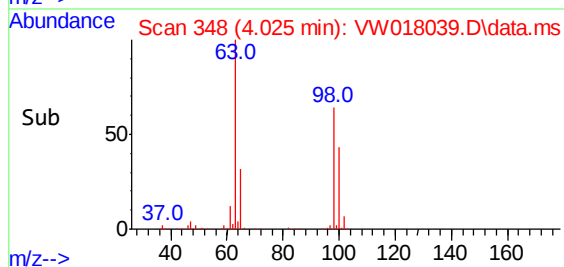
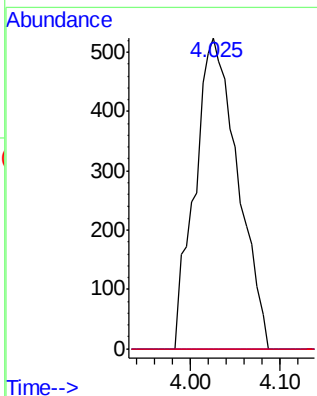
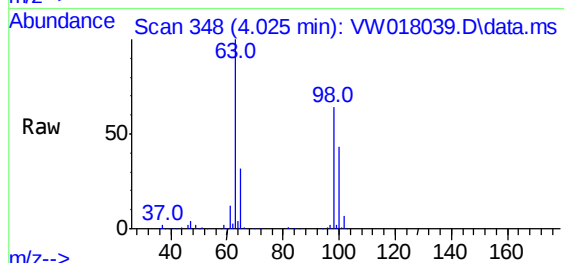


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.27 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.043 min
 Lab File: VW018039.D
 Acq: 05 Feb 2021 17:34

Instrument :
 MSVOA_W
 ClientSampled :
 BG539

Tgt Ion:101 Resp: 1738

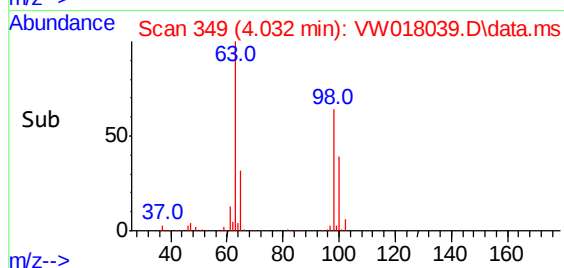
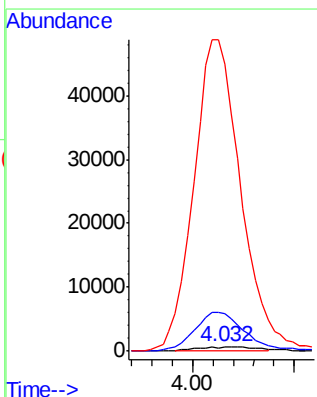
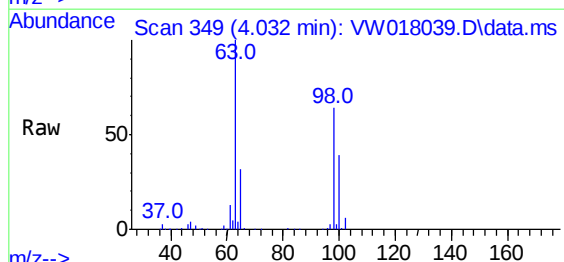
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.2	51.4#
151	0.0	30.4	45.6#

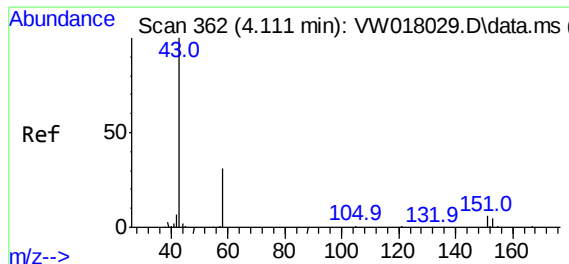


#12
 1,1-Dichloroethene
 Concen: 0.31 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.012 min
 Lab File: VW018039.D
 Acq: 05 Feb 2021 17:34

Tgt Ion: 96 Resp: 1932

Ion	Ratio	Lower	Upper
96	100		
61	988.1	112.5	208.9#
63	7787.6	83.1	154.3#

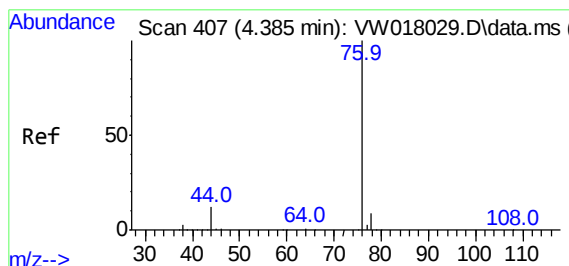
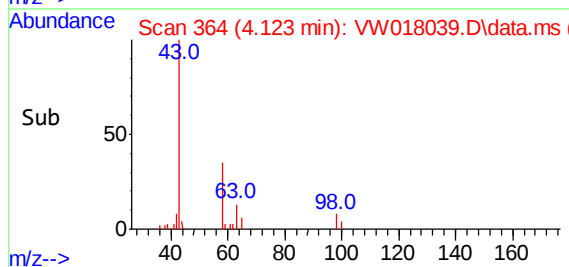
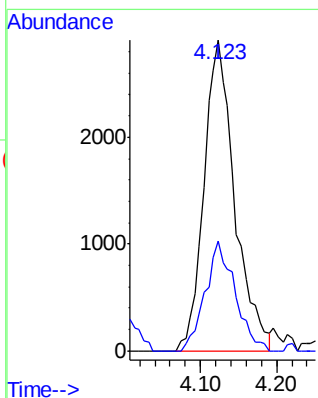
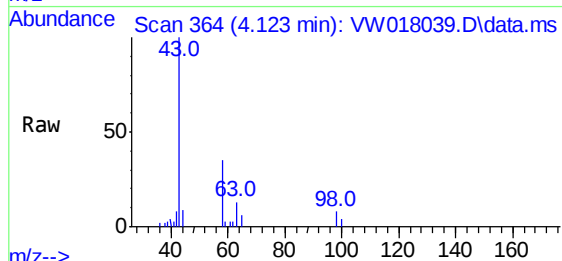




#13
Acetone
Concen: 7.17 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.012 min
Lab File: VW018039.D
Acq: 05 Feb 2021 17:34

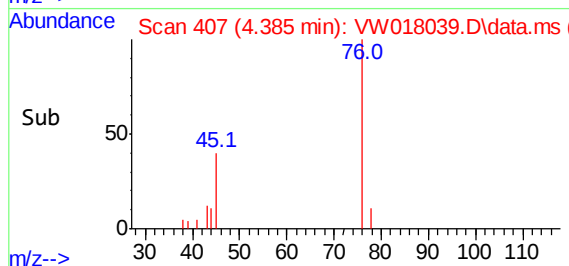
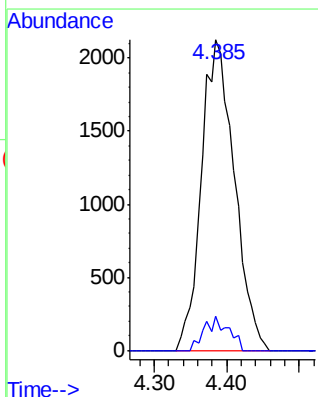
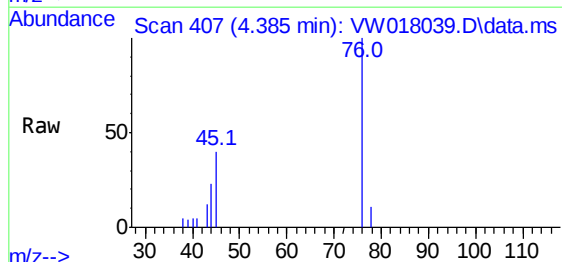
Instrument :
MSVOA_W
ClientSampled :
BG539

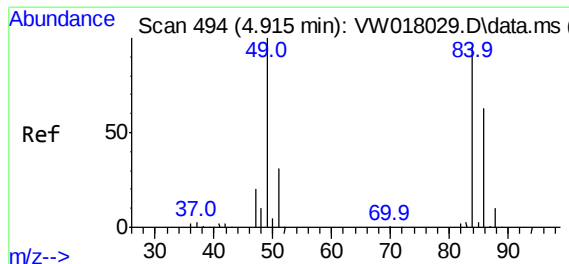
Tgt Ion: 43 Resp: 8108
Ion Ratio Lower Upper
43 100
58 34.0 0.0 68.4



#14
Carbon disulfide
Concen: 0.37 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018039.D
Acq: 05 Feb 2021 17:34

Tgt Ion: 76 Resp: 6694
Ion Ratio Lower Upper
76 100
78 10.8 7.0 10.4



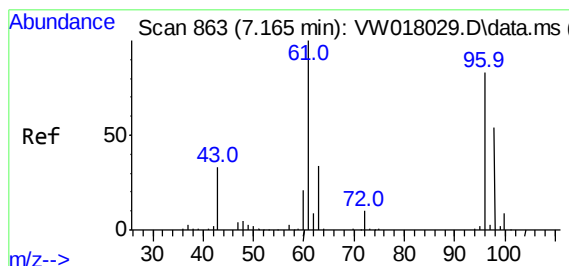
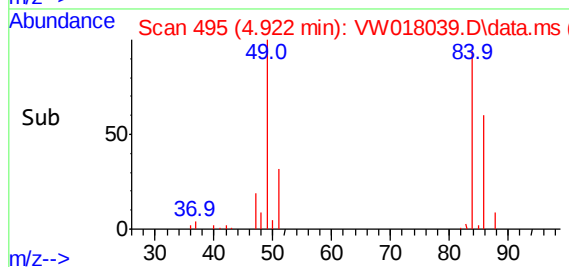
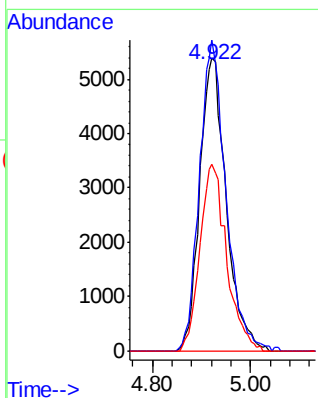
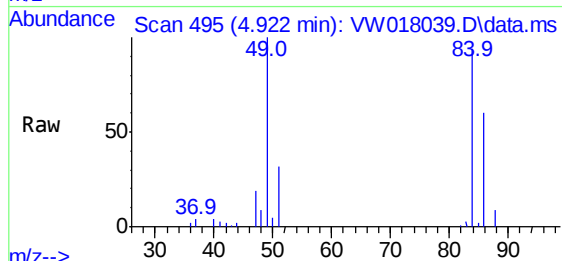


#16
Methylene chloride
Concen: 2.72 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018039.D
Acq: 05 Feb 2021 17:34

Instrument :
MSVOA_W
ClientSampled :
BG539

Tgt Ion: 84 Resp: 20116

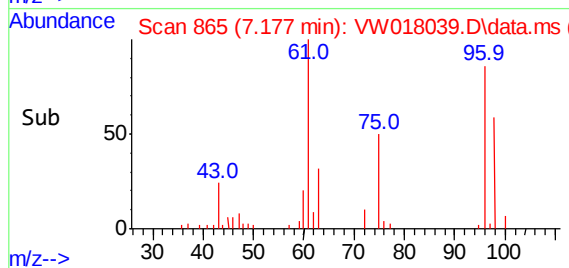
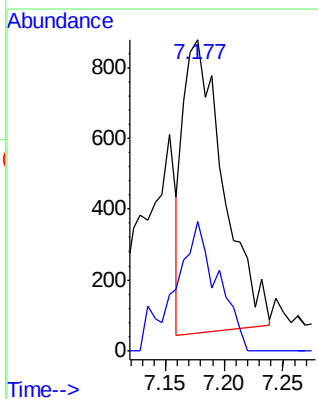
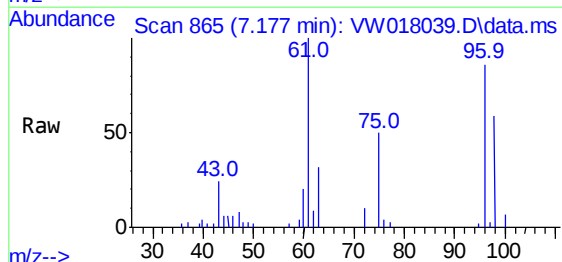
Ion	Ratio	Lower	Upper
84	100		
49	106.2	81.2	150.8
86	63.6	44.5	82.7

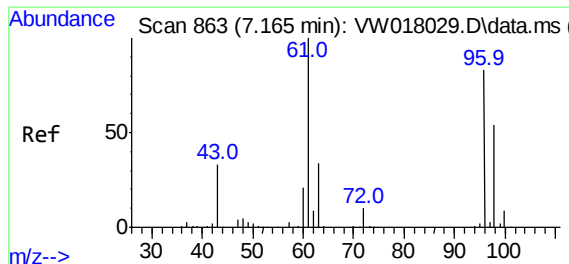


#21
2-Butanone
Concen: 1.15 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018039.D
Acq: 05 Feb 2021 17:34

Tgt Ion: 43 Resp: 1973

Ion	Ratio	Lower	Upper
43	100		
72	41.6	14.4	43.2



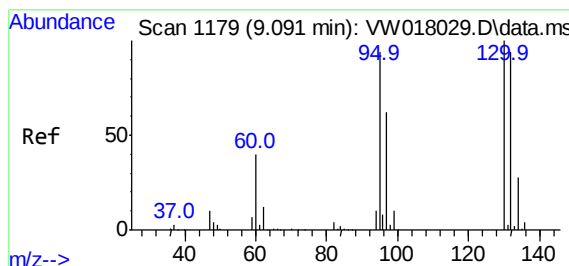
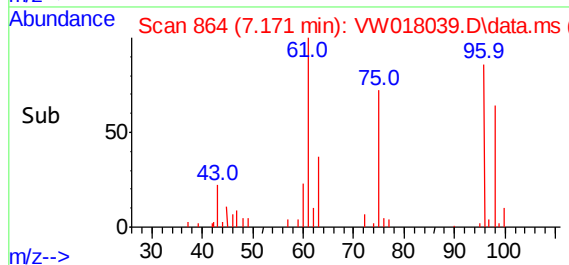
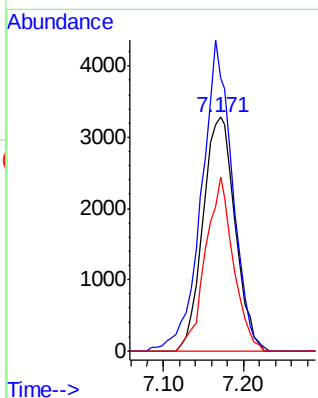
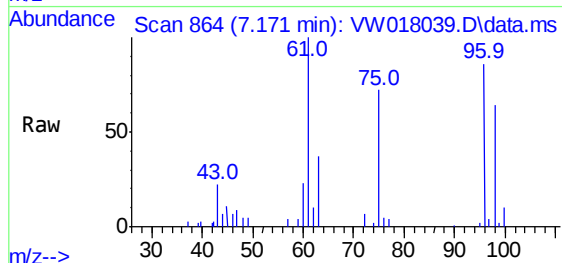


#22
cis-1,2-Dichloroethene
Concen: 1.34 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018039.D
Acq: 05 Feb 2021 17:34

Instrument :
MSVOA_W
ClientSampled :
BG539

Tgt Ion: 96 Resp: 9138

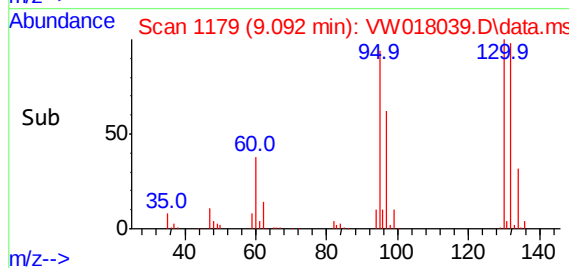
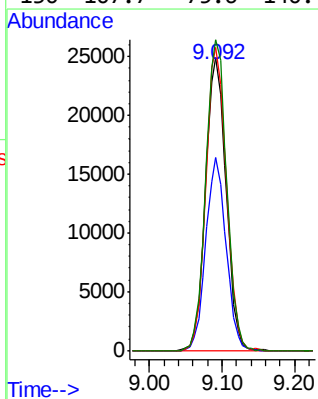
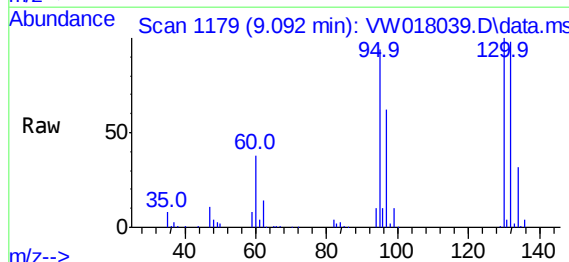
Ion	Ratio	Lower	Upper
96	100		
61	116.8	84.6	157.2
98	74.5	44.7	82.9

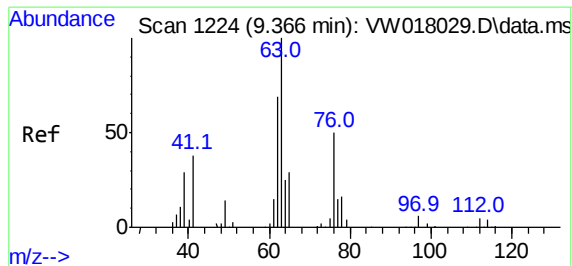


#35
Trichloroethene
Concen: 7.72 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018039.D
Acq: 05 Feb 2021 17:34

Tgt Ion: 95 Resp: 48555

Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.0	83.6
132	103.7	71.0	131.8
130	107.7	75.6	140.4

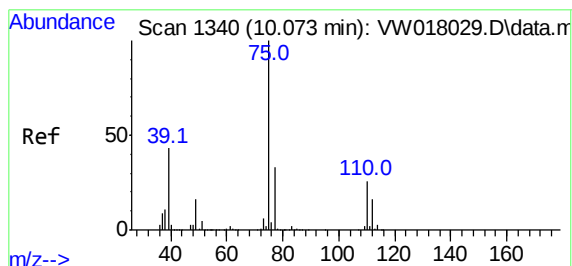
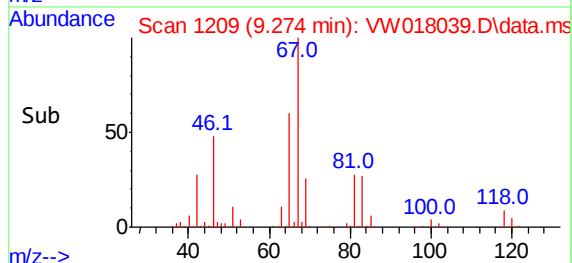
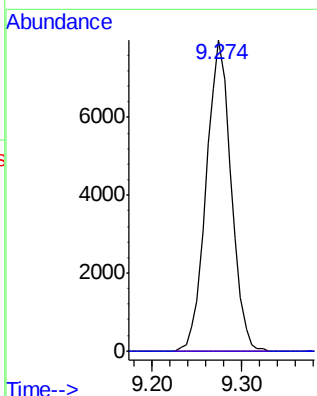
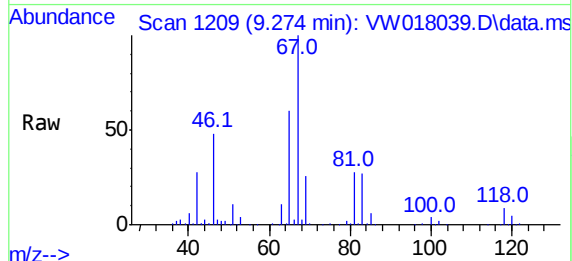




#40
1,2-Dichloropropane
Concen: 3.00 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018039.D
Acq: 05 Feb 2021 17:34

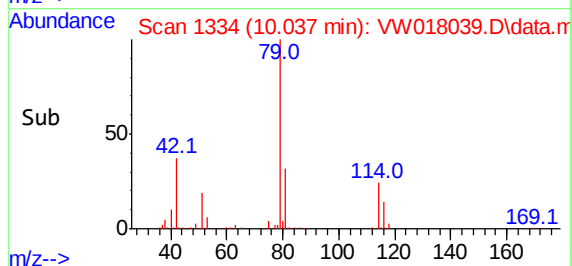
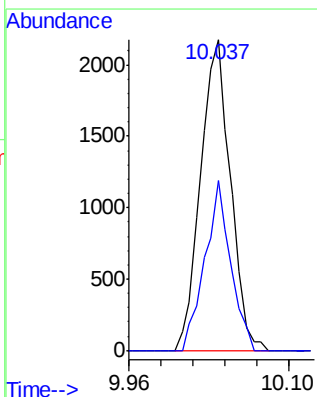
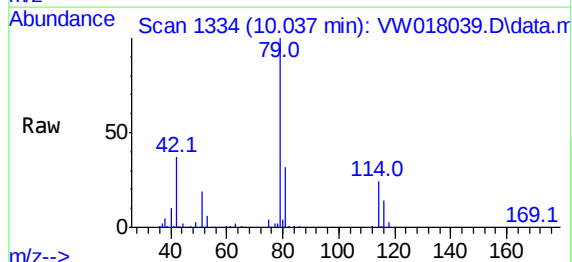
Instrument :
MSVOA_W
ClientSampled :
BG539

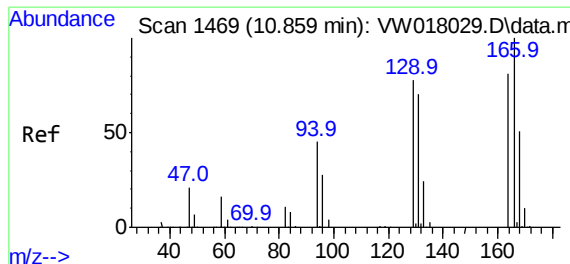
Tgt Ion: 63 Resp: 15388
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.47 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018039.D
Acq: 05 Feb 2021 17:34

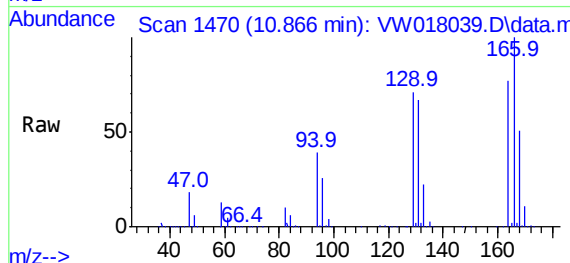
Tgt Ion: 75 Resp: 3868
Ion Ratio Lower Upper
75 100
77 54.8 22.7 42.3#





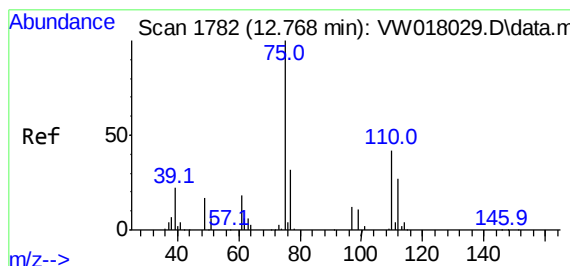
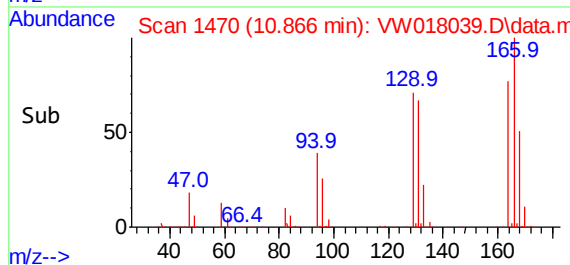
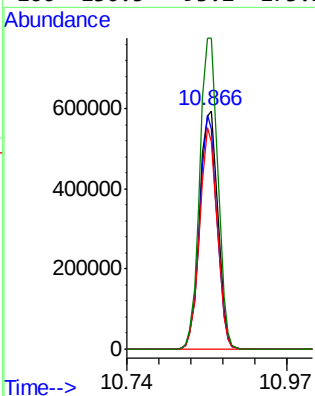
#47
Tetrachloroethene
Concen: 200.92 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018039.D
Acq: 05 Feb 2021 17:34

Instrument :
MSVOA_W
ClientSampleID :
BG539



Tgt Ion:164 Resp: 1076476

Ion	Ratio	Lower	Upper
164	100		
129	92.7	67.6	125.6
131	87.2	65.2	121.2
166	130.5	93.2	173.2



#59
1,2,3-Trichloropropane
Concen: 4.47 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018039.D
Acq: 05 Feb 2021 17:34

Tgt Ion: 75 Resp: 17505

Ion	Ratio	Lower	Upper
75	100		
77	33.9	26.6	39.8

