

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
 Data File : VW018428.D
 Acq On : 23 Mar 2021 15:53
 Operator : SY/VA
 Sample : M1781-07
 Misc : 5.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4M5

Quant Time: Mar 24 01:26:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 01:23:39 2021
 Response via : Initial Calibration

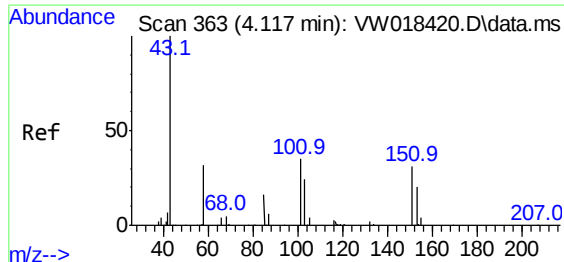
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	472798	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	381670	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	139087	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	124307	18.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.56%		
7) Chloroethane-d5	2.897	69	113327	19.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.72%		
10) 1,1-Dichloroethene-d2	4.019	63	158990	14.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.00%		
20) 2-Butanone-d5	7.080	46	50757	34.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.30%		
24) Chloroform-d	7.653	84	211880	17.59	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	70.36%		
26) 1,2-Dichloroethane-d4	8.305	65	123659	17.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	70.36%		
29) Benzene-d6	8.275	84	404492	19.94	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	79.76%		
33) 1,2-Dichloropropane-d6	9.274	67	115463	19.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	78.92%		
37) Toluene-d8	10.323	98	347826	17.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.20%		
38) trans-1,3-Dichloroprop...	10.579	79	47982	15.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	63.60%		
39) 2-Hexanone-d5	10.927	63	41596	36.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.64%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	89143	17.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	68.12%		
61) 1,2-Dichlorobenzene-d4	13.853	152	51592	10.43	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	41.72%#		
Target Compounds						
13) Acetone	4.141	43	12508	11.89	ug/L	89
16) Methylene chloride	4.921	84	11502	1.48	ug/L	94
21) 2-Butanone	7.183	43	1837	1.10	ug/L	87
22) cis-1,2-Dichloroethene	7.171	96	3074	0.45	ug/L #	73
34) Benzene	8.323	78	41583	1.88	ug/L	100
35) Trichloroethene	9.091	95	6412	1.05	ug/L	98
42) cis-1,3-Dichloropropene	10.030	75	4446	0.49	ug/L	96
45) trans-1,3-Dichloropropene	10.585	75	2933	0.36	ug/L	88
47) Tetrachloroethene	10.866	164	16224	3.50	ug/L	91
50) Dibromochloromethane	10.866	129	15106	2.97	ug/L #	8

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

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QLast Update : Wed Mar 24 01:23:39 2021
Response via : Initial Calibration

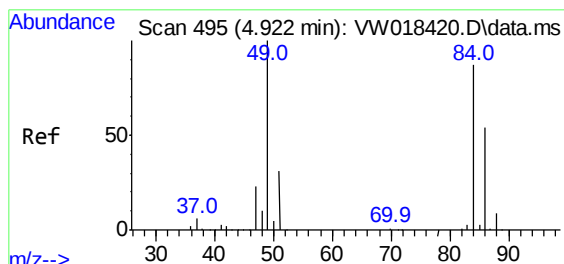
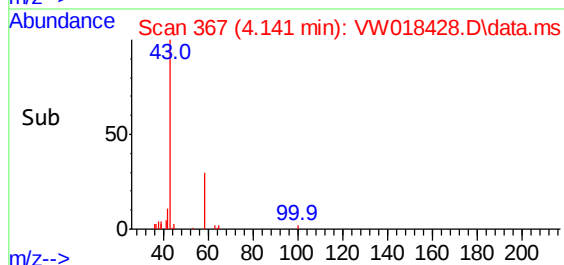
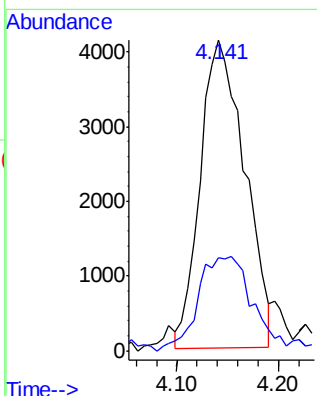
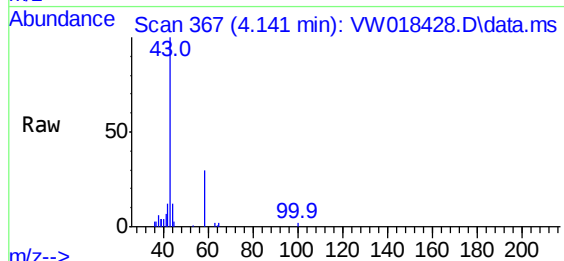




#13
Acetone
Concen: 11.89 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.024 min
Lab File: VW018428.D
Acq: 23 Mar 2021 15:53

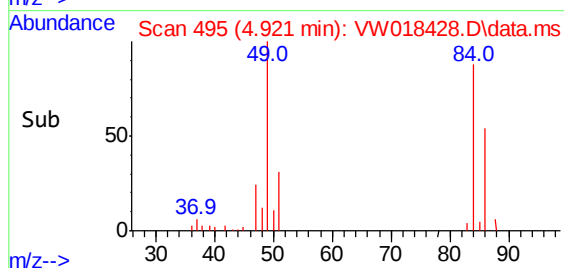
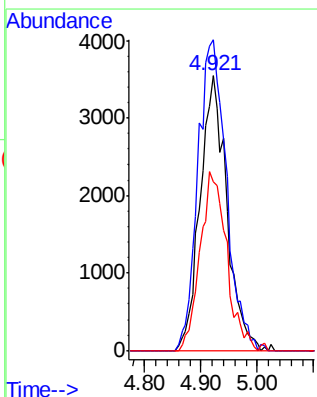
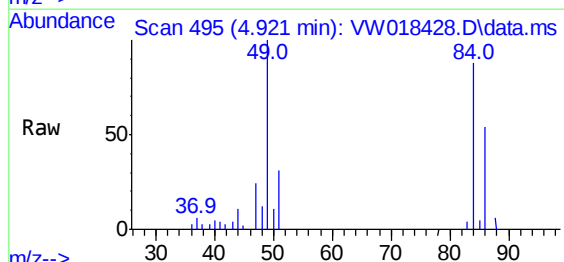
Instrument :
MSVOA_W
ClientSampled :
BG4M5

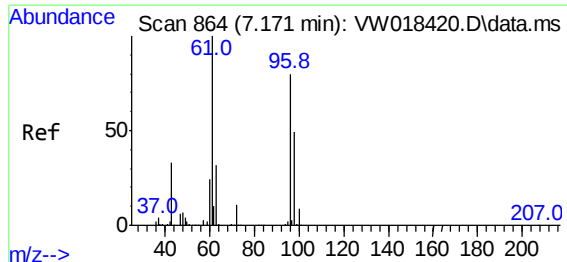
Tgt Ion: 43 Resp: 12508
Ion Ratio Lower Upper
43 100
58 37.2 0.0 62.2



#16
Methylene chloride
Concen: 1.48 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018428.D
Acq: 23 Mar 2021 15:53

Tgt Ion: 84 Resp: 11502
Ion Ratio Lower Upper
84 100
49 113.0 74.4 138.2
86 61.3 46.1 85.7

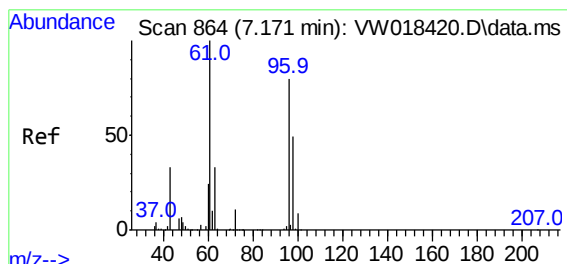
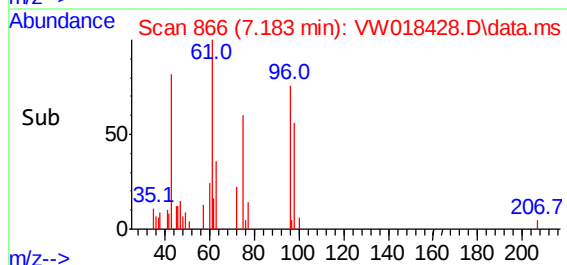
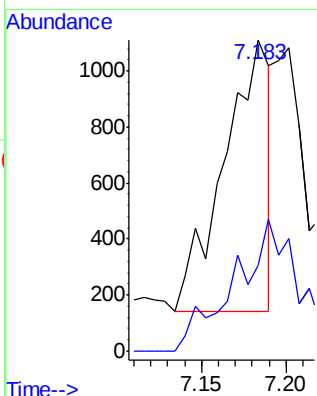
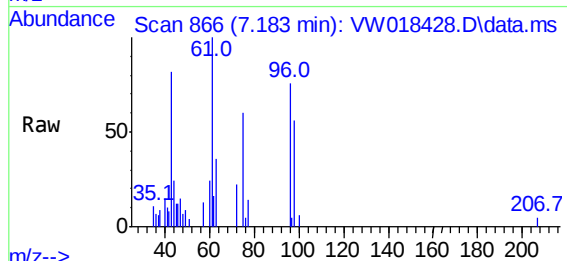




#21
2-Butanone
Concen: 1.10 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW018428.D
Acq: 23 Mar 2021 15:53

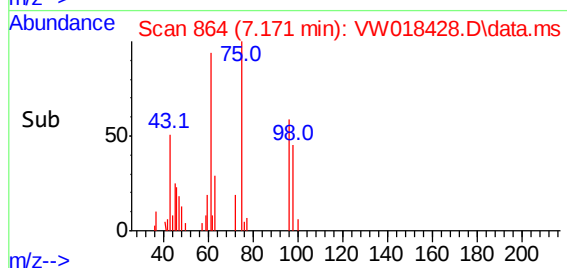
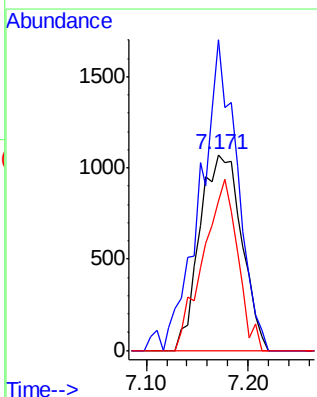
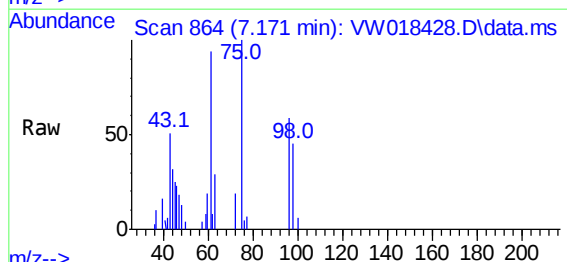
Instrument :
MSVOA_W
ClientSampled :
BG4M5

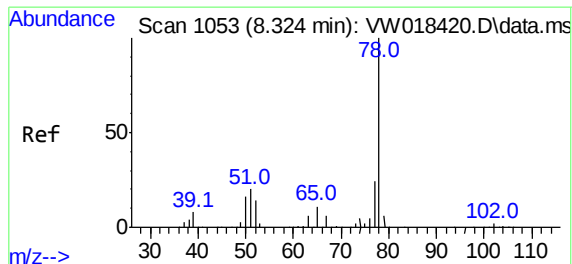
Tgt Ion: 43 Resp: 1837
Ion Ratio Lower Upper
43 100
72 40.2 16.5 49.5



#22
cis-1,2-Dichloroethene
Concen: 0.45 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW018428.D
Acq: 23 Mar 2021 15:53

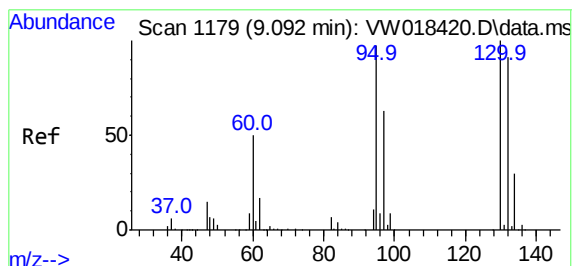
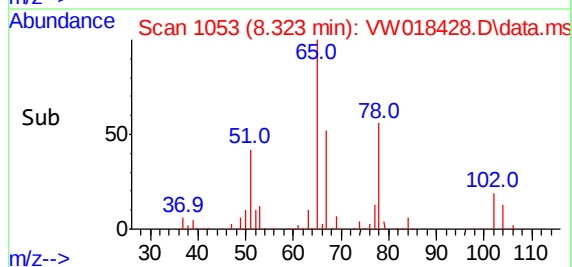
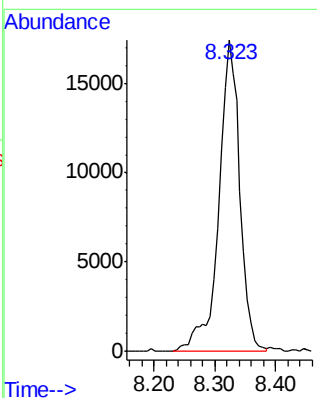
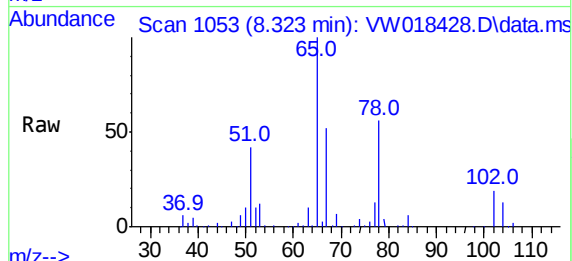
Tgt Ion: 96 Resp: 3074
Ion Ratio Lower Upper
96 100
61 158.9 84.8 157.6#
98 76.7 45.1 83.9





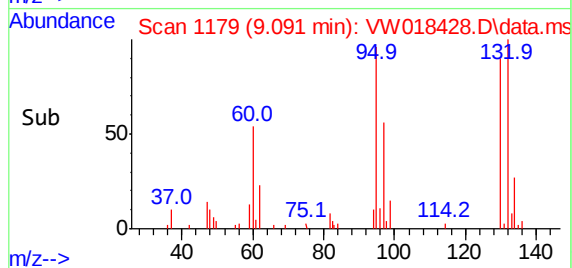
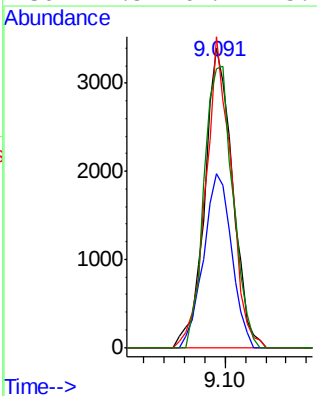
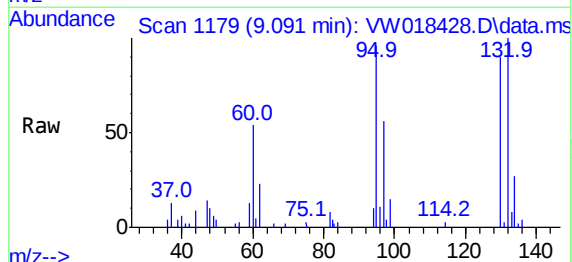
#34
Benzene
Concen: 1.88 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018428.D
Acq: 23 Mar 2021 15:53
Tgt Ion: 78 Resp: 41583

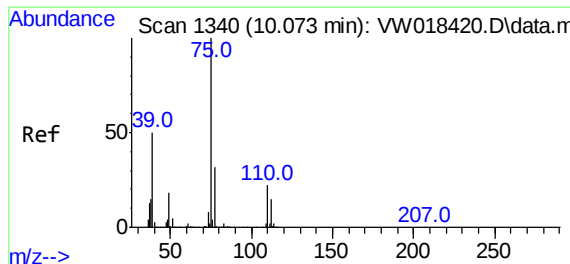
Instrument :
MSVOA_W
ClientSampled :
BG4M5



#35
Trichloroethene
Concen: 1.05 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018428.D
Acq: 23 Mar 2021 15:53
Tgt Ion: 95 Resp: 6412

Ion	Ratio	Lower	Upper
95	100		
97	58.5	44.4	82.4
132	94.9	65.9	122.5
130	97.5	67.4	125.2

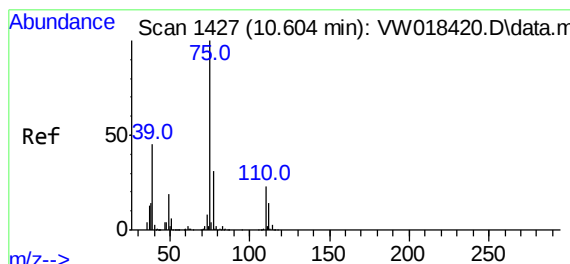
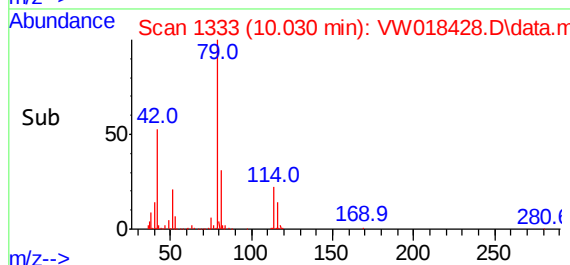
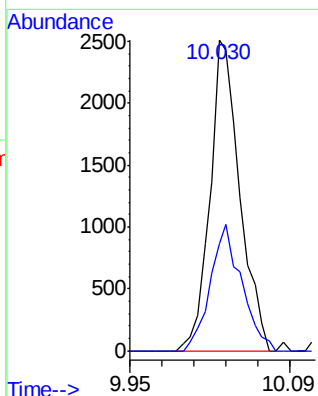
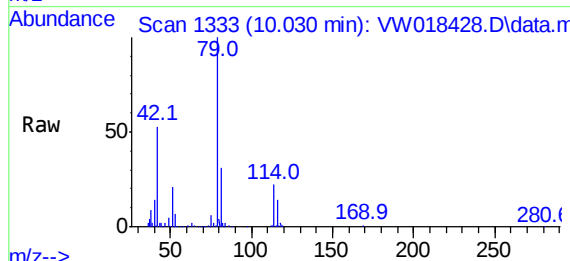




#42
cis-1,3-Dichloropropene
Concen: 0.49 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018428.D
Acq: 23 Mar 2021 15:53

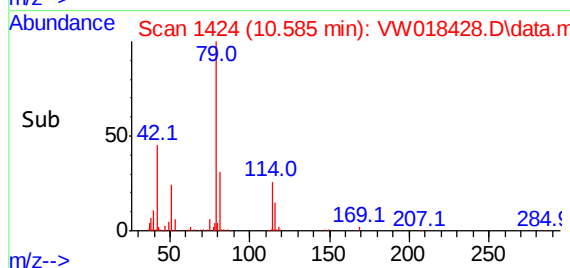
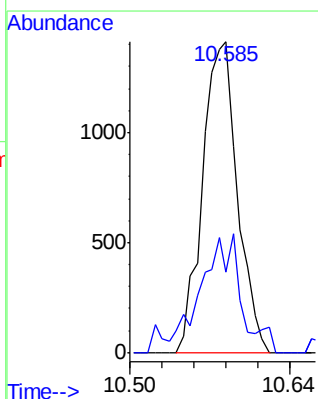
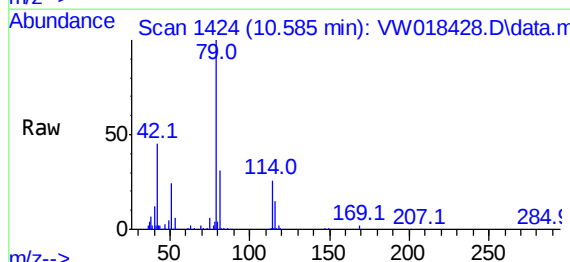
Instrument :
MSVOA_W
ClientSampled :
BG4M5

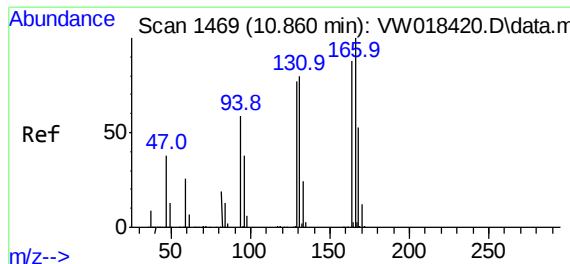
Tgt Ion: 75 Resp: 4446
Ion Ratio Lower Upper
75 100
77 34.3 22.4 41.6



#45
trans-1,3-Dichloropropene
Concen: 0.36 ug/L
RT: 10.585 min Scan# 1424
Delta R.T. -0.018 min
Lab File: VW018428.D
Acq: 23 Mar 2021 15:53

Tgt Ion: 75 Resp: 2933
Ion Ratio Lower Upper
75 100
77 25.7 22.6 42.0

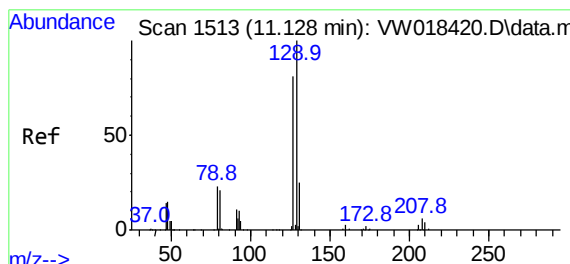
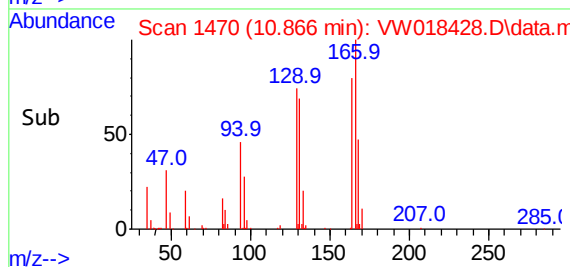
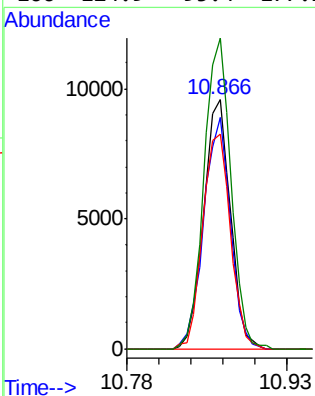
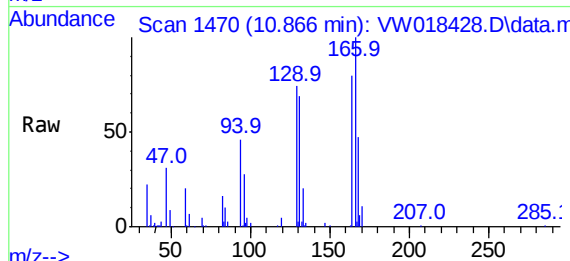




#47
Tetrachloroethene
Concen: 3.50 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018428.D
Acq: 23 Mar 2021 15:53

Instrument :
MSVOA_W
ClientSampleId :
BG4M5

Tgt Ion:	164	Resp:	16224
Ion	Ratio	Lower	Upper
164	100		
129	92.9	68.8	127.8
131	86.5	68.3	126.8
166	124.9	95.4	177.2



#50
Dibromochloromethane
Concen: 2.97 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW018428.D
Acq: 23 Mar 2021 15:53

Tgt Ion:	129	Resp:	15106
Ion	Ratio	Lower	Upper
129	100		
127	0.0	58.0	107.6#

