

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012021\
 Data File : VW017965.D
 Acq On : 20 Jan 2021 13:30
 Operator : SY/VA
 Sample : M1170-09
 Misc : 5.37G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT90

Quant Time: Jan 20 22:02:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 22:00:56 2021
 Response via : Initial Calibration

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

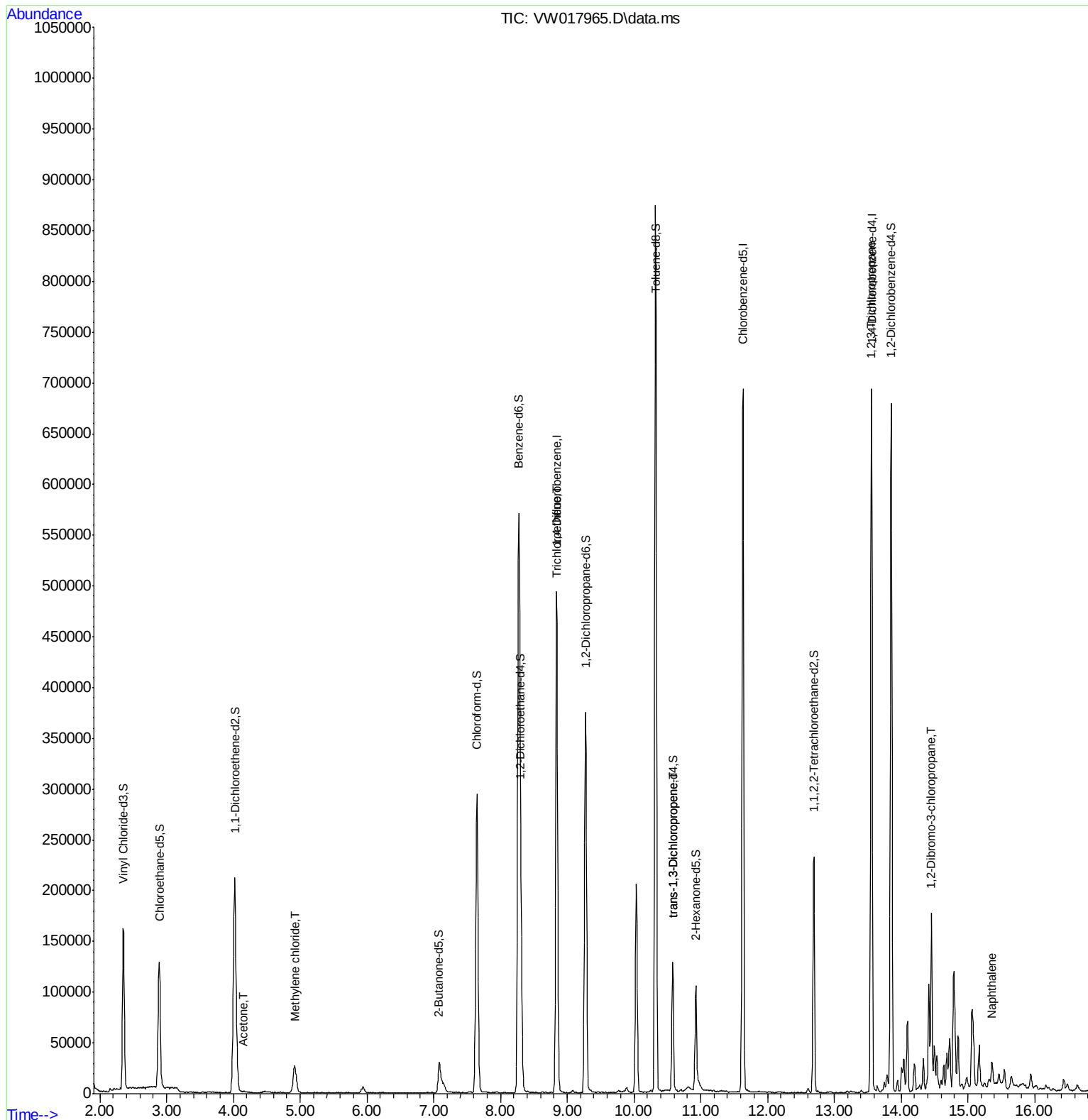
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	408878	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	371508	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	166480	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	167584	26.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.44%			
7) Chloroethane-d5	2.891	69	143596	27.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.40%			
10) 1,1-Dichloroethene-d2	4.019	63	222208	19.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.68%			
20) 2-Butanone-d5	7.080	46	51637	33.27	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.54%			
24) Chloroform-d	7.647	84	289693	25.97	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.88%			
26) 1,2-Dichloroethane-d4	8.305	65	157487	24.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.80%			
29) Benzene-d6	8.275	84	578241	27.20	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.80%			
33) 1,2-Dichloropropane-d6	9.274	67	160064	26.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.80%			
37) Toluene-d8	10.323	98	539874	27.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.16%			
38) trans-1,3-Dichloroprop...	10.579	79	63332	22.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.68%			
39) 2-Hexanone-d5	10.927	63	35346	32.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.16%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	108524	20.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 80.68%			
61) 1,2-Dichlorobenzene-d4	13.853	152	160069	27.63	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.52%			
Target Compounds						
13) Acetone	4.147	43	1229	1.12	ug/L	65
16) Methylene chloride	4.922	84	20317	3.43	ug/L	88
35) Trichloroethene	8.848	95	13168	2.18	ug/L #	3
45) trans-1,3-Dichloropropene	10.579	75	3540	0.48	ug/L #	69
59) 1,2,3-Trichloropropane	13.554	75	24108	6.04	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.450	75	1612	2.05	ug/L #	1
69) Naphthalene	15.365	128	19591	1.47	ug/L	96

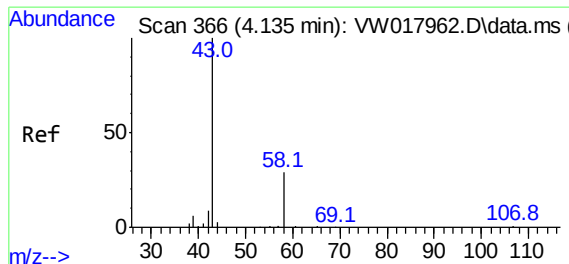
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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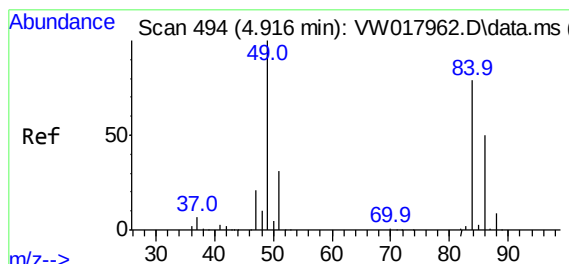
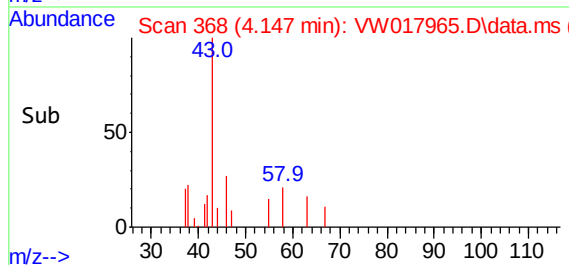
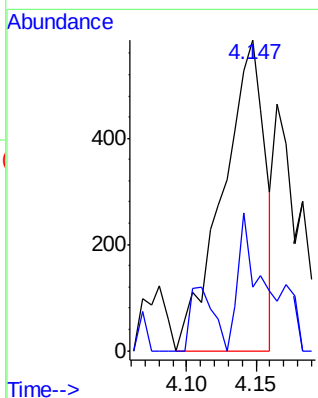
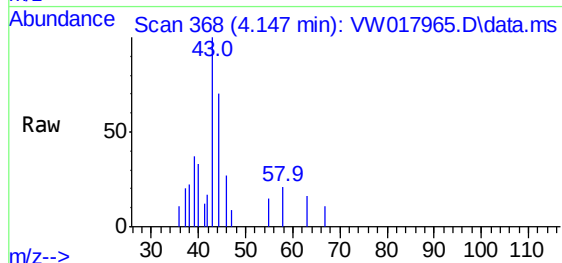




#13
Acetone
Concen: 1.12 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW017965.D
Acq: 20 Jan 2021 13:30

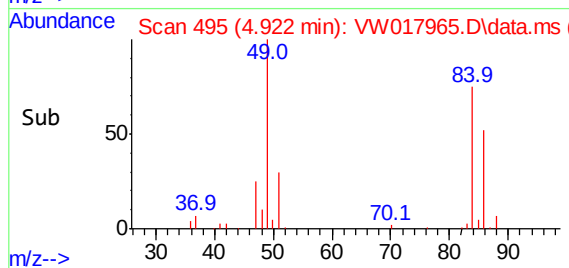
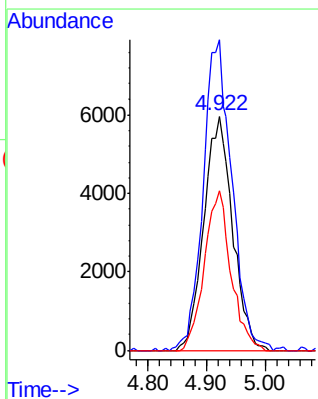
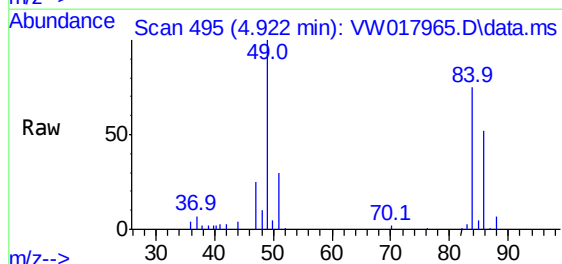
Instrument :
MSVOA_W
ClientSampled :
BFT90

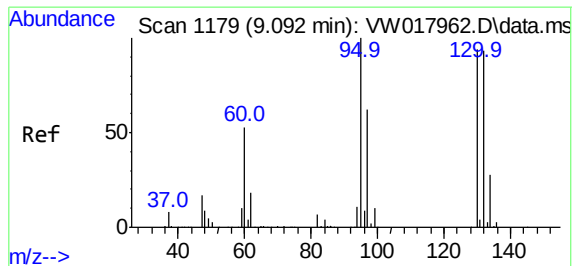
Tgt Ion: 43 Resp: 1229
Ion Ratio Lower Upper
43 100
58 13.8 0.0 68.4



#16
Methylene chloride
Concen: 3.43 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW017965.D
Acq: 20 Jan 2021 13:30

Tgt Ion: 84 Resp: 20317
Ion Ratio Lower Upper
84 100
49 132.7 81.2 150.8
86 68.5 44.5 82.7

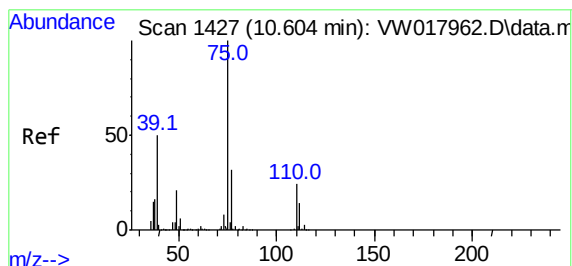
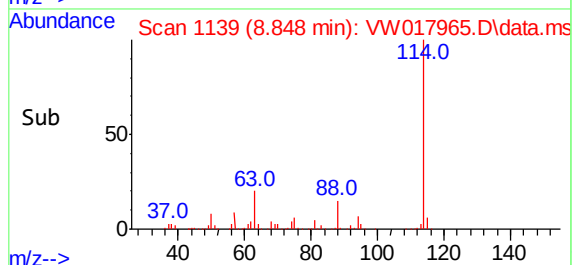
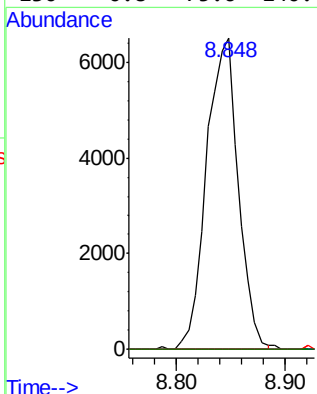
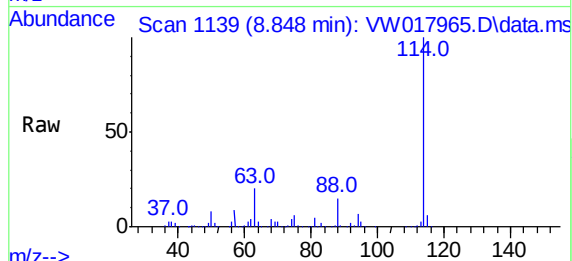




#35
Trichloroethene
Concen: 2.18 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW017965.D
Acq: 20 Jan 2021 13:30

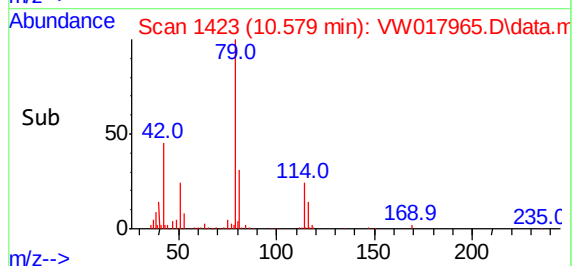
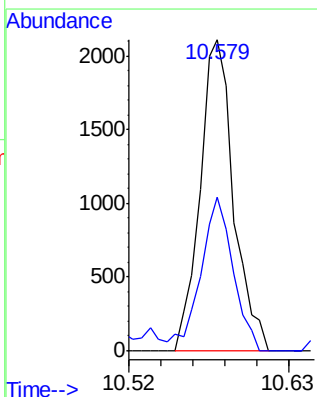
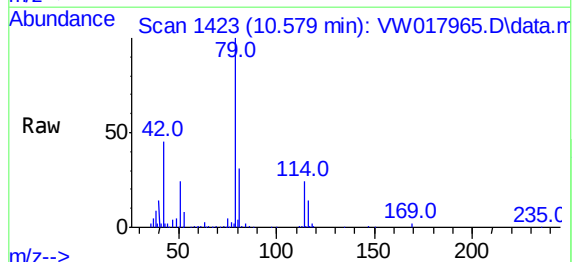
Instrument :
MSVOA_W
ClientSampleId :
BFT90

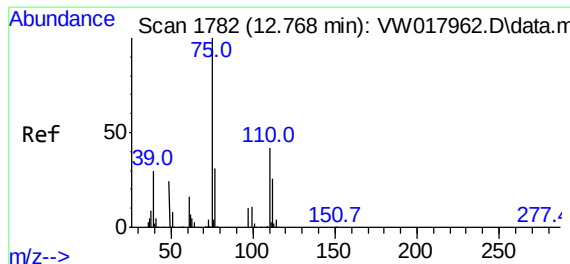
Tgt Ion: 95 Resp: 13168
Ion Ratio Lower Upper
95 100
97 0.8 45.0 83.6#
132 0.7 71.0 131.8#
130 0.8 75.6 140.4#



#45
trans-1,3-Dichloropropene
Concen: 0.48 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW017965.D
Acq: 20 Jan 2021 13:30

Tgt Ion: 75 Resp: 3540
Ion Ratio Lower Upper
75 100
77 49.5 22.6 42.0#

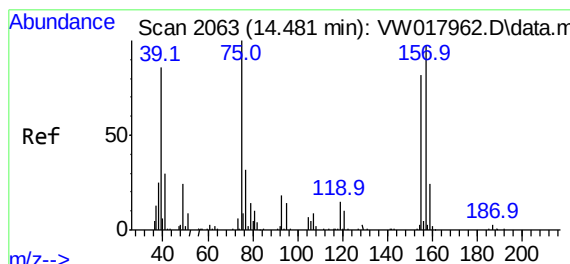
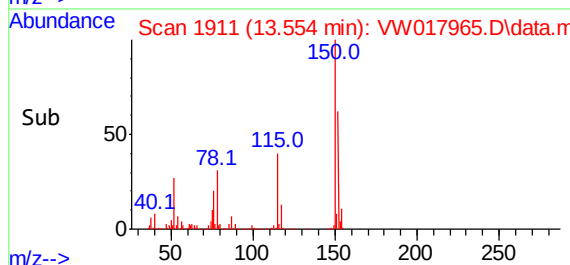
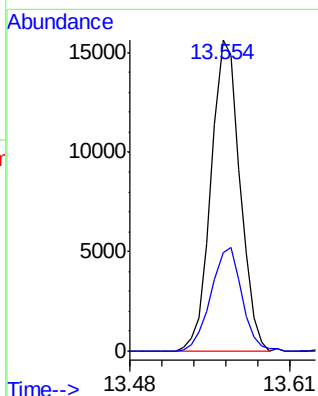
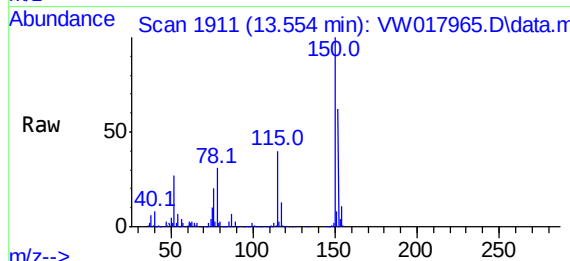




#59
1,2,3-Trichloropropane
Concen: 6.04 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW017965.D
Acq: 20 Jan 2021 13:30

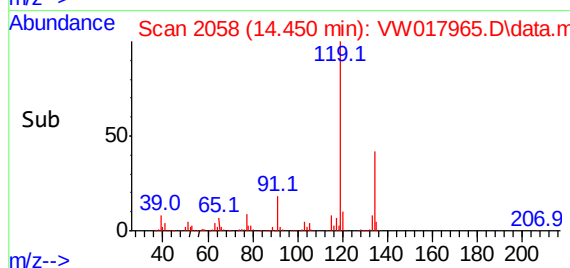
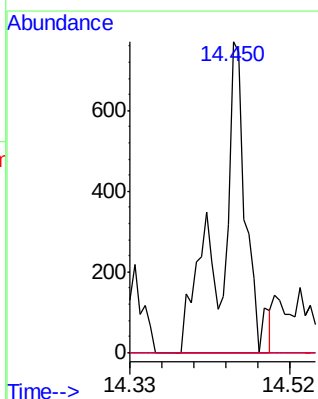
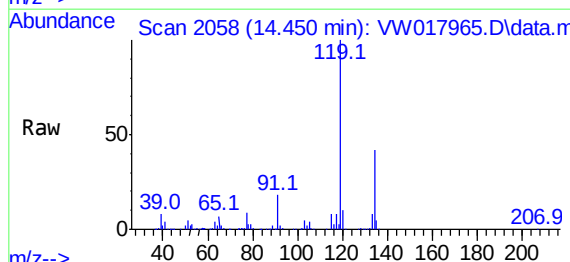
Instrument :
MSVOA_W
ClientSampled :
BFT90

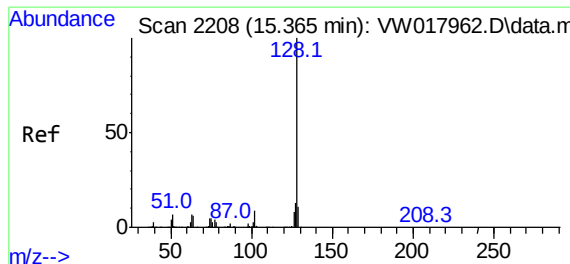
Tgt Ion: 75 Resp: 24108
Ion Ratio Lower Upper
75 100
77 35.7 26.6 39.8



#66
1,2-Dibromo-3-chloropropane
Concen: 2.05 ug/L
RT: 14.450 min Scan# 2058
Delta R.T. -0.031 min
Lab File: VW017965.D
Acq: 20 Jan 2021 13:30

Tgt Ion: 75 Resp: 1612
Ion Ratio Lower Upper
75 100
157 0.0 99.9 149.9#
155 0.0 71.4 107.0#





#69
Naphthalene
Concen: 1.47 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017965.D
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Instrument :
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ClientSampleId :
BFT90

Tgt Ion:128 Resp: 19591
Ion Ratio Lower Upper
128 100
129 12.4 8.7 13.1
127 15.1 10.7 16.1

