

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050421\
 Data File : VW018917.D
 Acq On : 04 May 2021 14:41
 Operator : SY/VA
 Sample : M2209-06RE
 Misc : 5.36G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 05 00:06:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 05 00:05:43 2021
 Response via : Initial Calibration

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

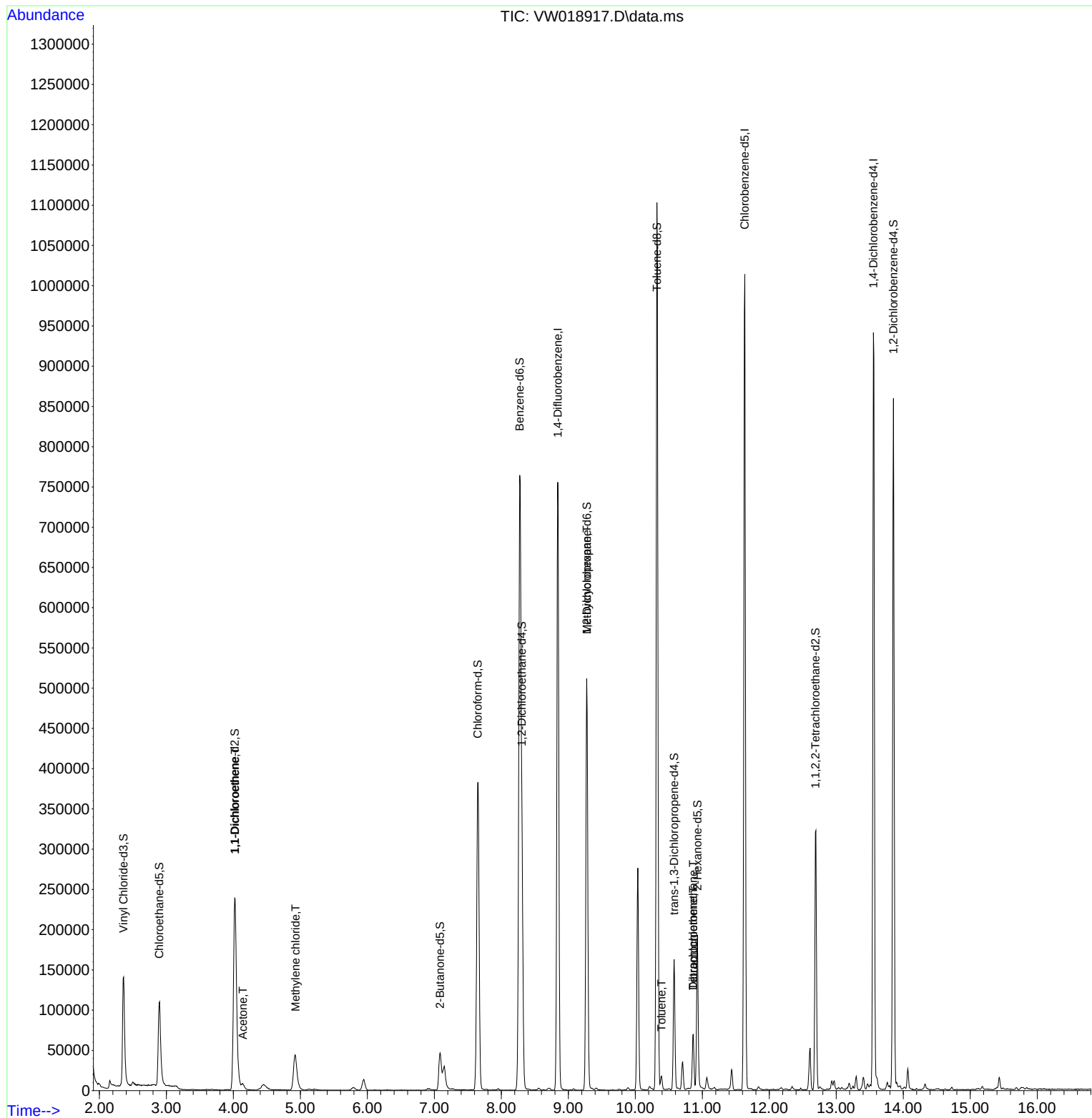
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	626138	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	531425	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	231440	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	185511	23.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.36%			
7) Chloroethane-d5	2.892	69	146602	23.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.24%			
11) 1,1-Dichloroethene-d2	4.019	63	282810	17.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.92%			
21) 2-Butanone-d5	7.086	46	79462	37.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.96%			
24) Chloroform-d	7.647	84	395717	24.08	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.32%			
26) 1,2-Dichloroethane-d4	8.305	65	214677	23.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.56%			
32) Benzene-d6	8.275	84	790032	26.31	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.24%			
36) 1,2-Dichloropropane-d6	9.275	67	230610	25.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.56%			
41) Toluene-d8	10.323	98	723160	25.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.28%			
43) trans-1,3-Dichloroprop...	10.579	79	87935	21.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.88%			
47) 2-Hexanone-d5	10.927	63	67032	42.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.06%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	161612	21.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.64%			
66) 1,2-Dichlorobenzene-d4	13.853	152	200427	25.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.08%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.026	96	2202	0.27	ug/L #	1
13) Acetone	4.141	43	12226	7.63	ug/L	90
16) Methylene chloride	4.928	84	40739	3.94	ug/L	94
35) Methylcyclohexane	9.275	83	57108	3.83	ug/L #	20
42) Toluene	10.390	91	12147	0.35	ug/L	90
46) Tetrachloroethene	10.866	164	14262	2.23	ug/L	94
49) Dibromochloromethane	10.866	129	13709	2.08	ug/L #	13

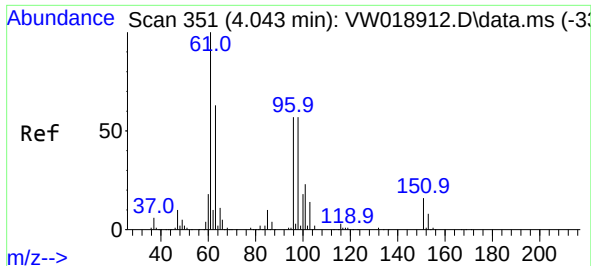
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed May 05 00:05:43 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.27 ug/L

RT: 4.026 min Scan# 348

Delta R.T. -0.018 min

Lab File: VW018917.D

Acq: 04 May 2021 14:41

Tgt Ion: 96 Resp: 2202

Ion Ratio Lower Upper

96 100

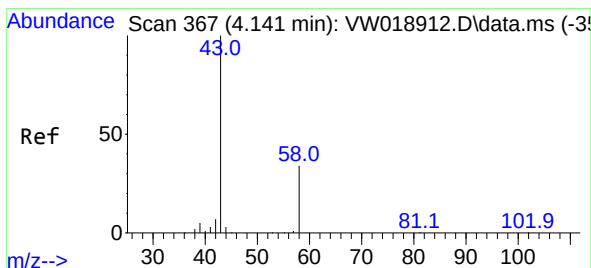
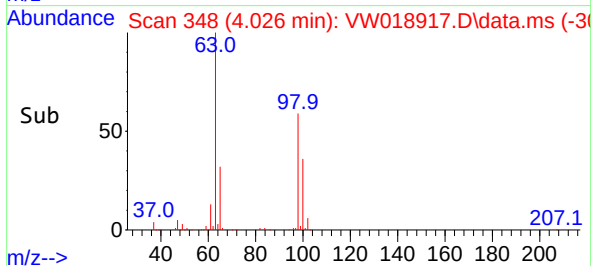
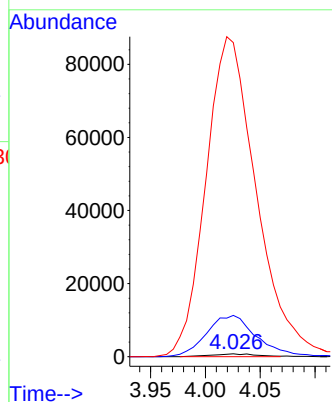
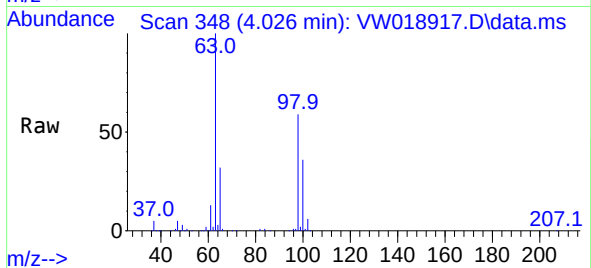
61 1413.0 118.1 219.3#

63 10758.4 83.7 155.5#

Instrument :

MSVOA_W

ClientSampled :



#13

Acetone

Concen: 7.63 ug/L

RT: 4.141 min Scan# 367

Delta R.T. 0.000 min

Lab File: VW018917.D

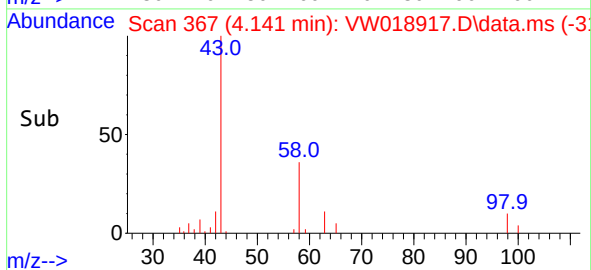
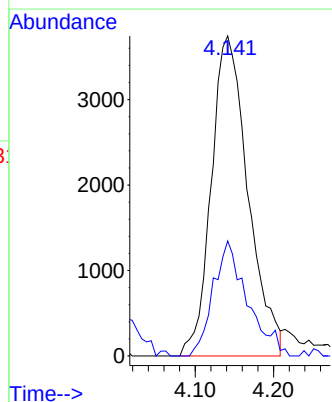
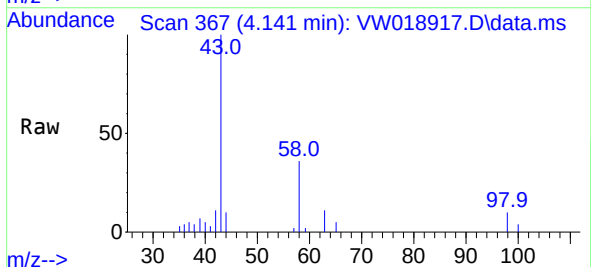
Acq: 04 May 2021 14:41

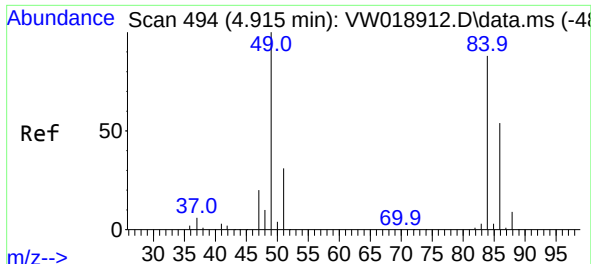
Tgt Ion: 43 Resp: 12226

Ion Ratio Lower Upper

43 100

58 32.1 0.0 53.8

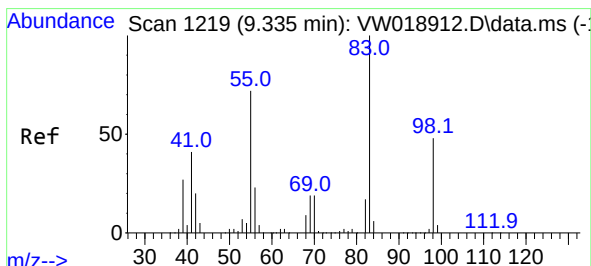
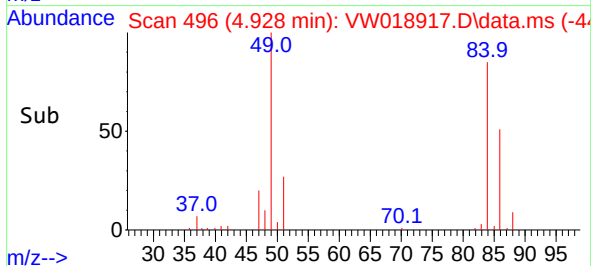
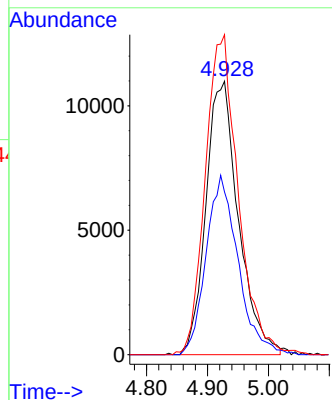
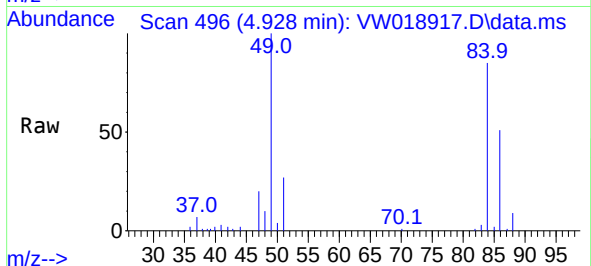




#16
Methylene chloride
Concen: 3.94 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.013 min
Lab File: VW018917.D
Acq: 04 May 2021 14:41

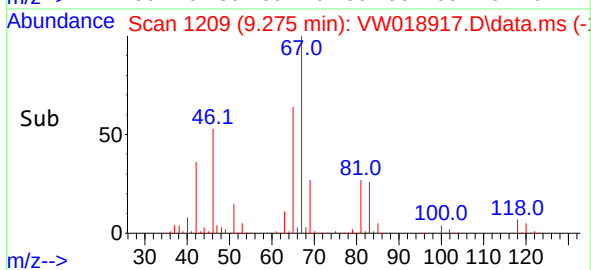
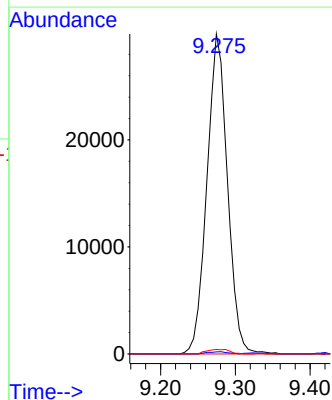
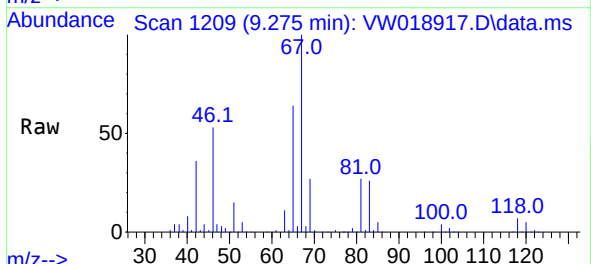
Instrument :
MSVOA_W
ClientSampled :

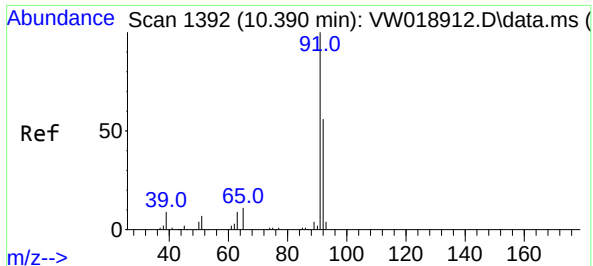
Tgt Ion: 84 Resp: 40739
Ion Ratio Lower Upper
84 100
86 59.5 45.3 84.1
49 117.0 86.6 160.8



#35
Methylcyclohexane
Concen: 3.83 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018917.D
Acq: 04 May 2021 14:41

Tgt Ion: 83 Resp: 57108
Ion Ratio Lower Upper
83 100
55 0.7 58.9 88.3#
98 1.1 40.1 60.1#

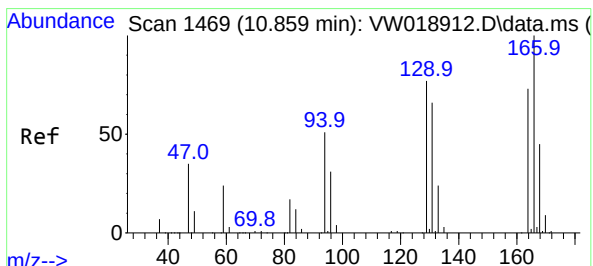
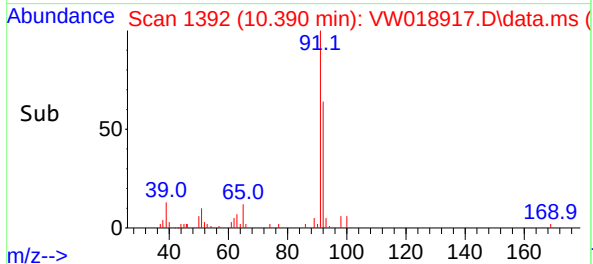
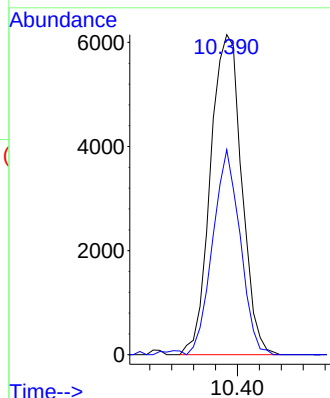
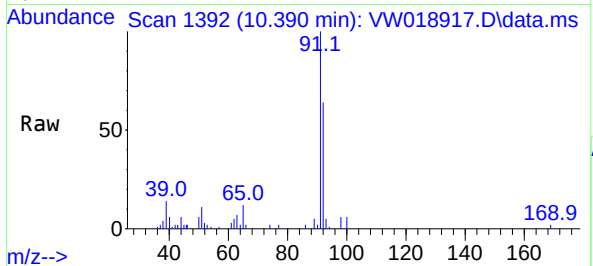




#42
Toluene
Concen: 0.35 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018917.D
Acq: 04 May 2021 14:41

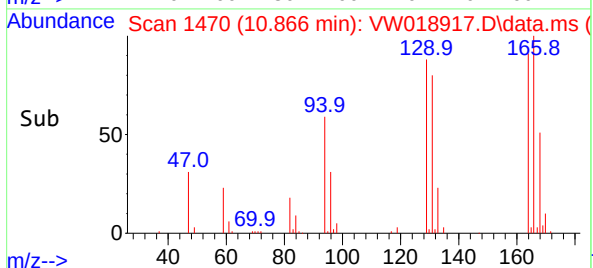
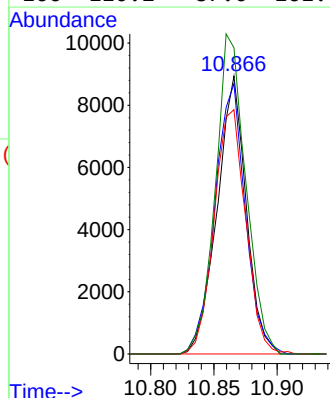
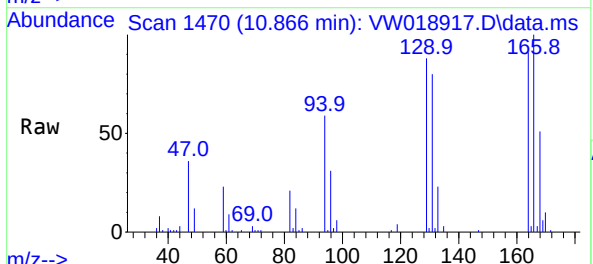
Instrument :
MSVOA_W
ClientSampled :

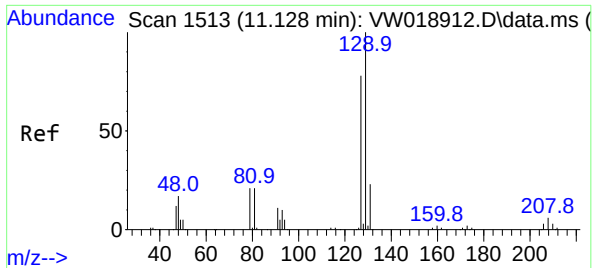
Tgt Ion: 91 Resp: 12147
Ion Ratio Lower Upper
91 100
92 64.1 39.5 73.3



#46
Tetrachloroethene
Concen: 2.23 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018917.D
Acq: 04 May 2021 14:41

Tgt Ion: 164 Resp: 14262
Ion Ratio Lower Upper
164 100
129 97.3 66.7 123.9
131 87.9 61.1 113.5
166 110.2 87.0 161.6





#49
Dibromochloromethane
Concen: 2.08 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW018917.D
Acq: 04 May 2021 14:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:129 Resp: 13709
Ion Ratio Lower Upper
129 100
127 0.0 51.7 95.9#

