

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060820\
 Data File : VW015562.D
 Acq On : 08 Jun 2020 17:56
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 09 02:05:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	330202	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	301044	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	136833	25.00	ug/L	0.00

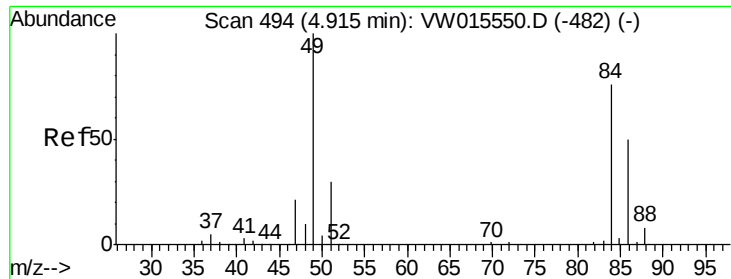
System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	65491	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.56%
7) Chloroethane-d5	2.90	69	67228	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.36%
10) 1,1-Dichloroethene-d2	4.01	63	106175	14.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.60%
20) 2-Butanone-d5	7.09	46	43812	44.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.70%
24) Chloroform-d	7.65	84	156892	20.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	8.31	65	94190	22.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.68%
29) Benzene-d6	8.28	84	308530	20.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.60%
33) 1,2-Dichloropropane-d6	9.28	67	94538	21.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.28%
37) Toluene-d8	10.33	98	292585	20.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.52%
38) trans-1,3-Dichloropropene-	10.58	79	36742	17.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.80%
39) 2-Hexanone-d5	10.93	63	35073	45.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.30%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	72123	21.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	96994	21.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.60%

Target Compounds

					Ovalue
16) Methylene chloride	4.92	84	7355	1.815 ug/L	97
36) Methylcyclohexane	9.28	83	23236	2.881 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	11469	2.766 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2980	0.449 ug/L #	60
47) Tetrachloroethene	10.87	164	3150	0.879 ug/L	95
49) 2-Hexanone	10.93	43	4617	2.815 ug/L #	66
50) Dibromochloromethane	10.86	129	2996	0.850 ug/L #	12
59) 1,2,3-Trichloropropane	13.56	75	17282	6.788 ug/L	89

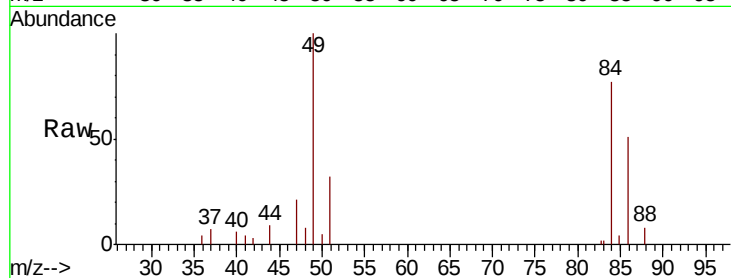
(#) = qualifier out of range (m) = manual integration (+) = signals summed



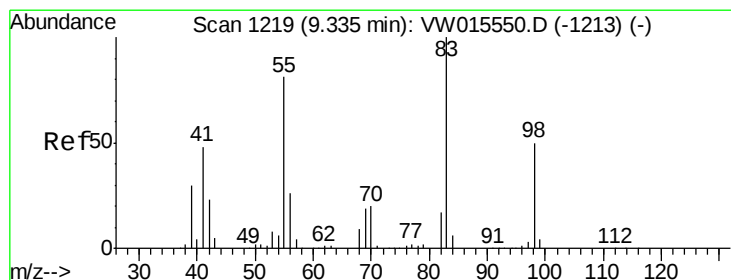
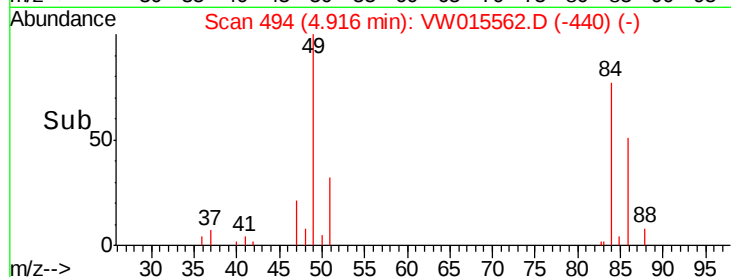
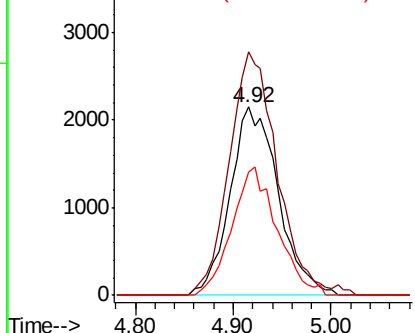
#16
Methvlene chloride
Concen: 1.815 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015562.D
Acq: 08 Jun 2020 17:56

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 7355
Ion Ratio Lower Upper
84 100
49 129.4 93.0 172.8
86 65.8 44.7 83.1

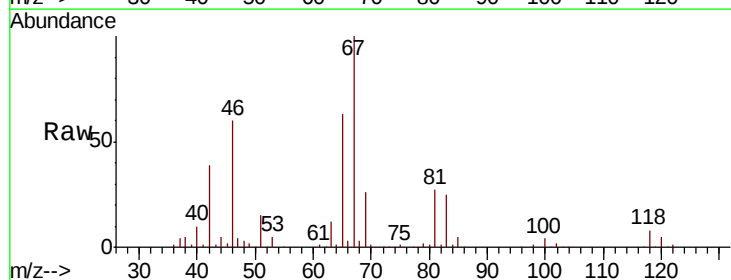


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

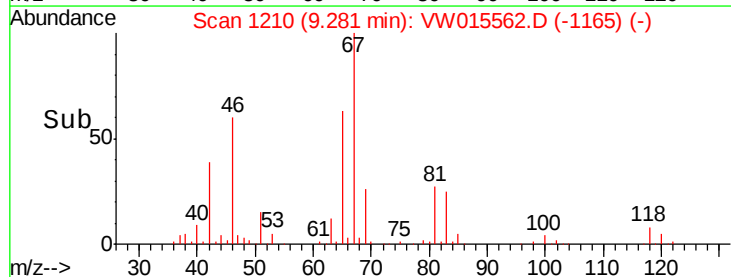
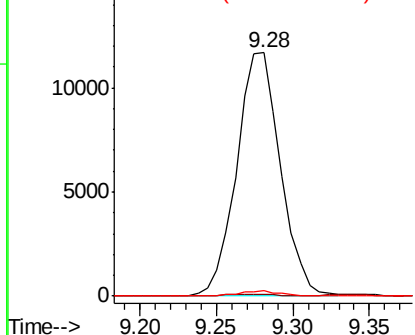


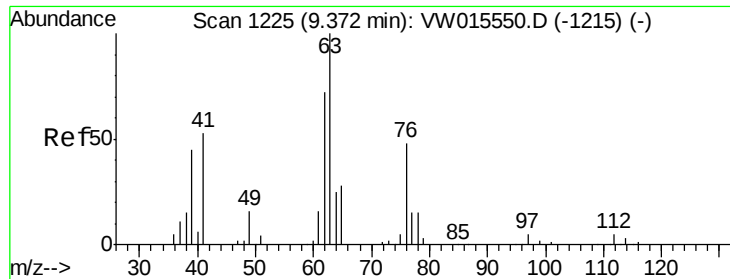
#36
Methylcyclohexane
Concen: 2.881 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW015562.D
Acq: 08 Jun 2020 17:56

Tgt Ion: 83 Resp: 23236
Ion Ratio Lower Upper
83 100
55 0.3 62.8 94.2#
98 1.8 39.2 58.8#



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

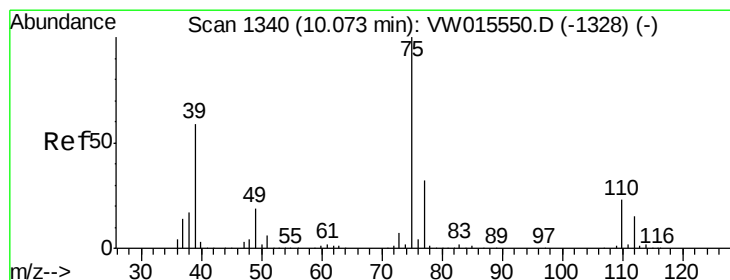
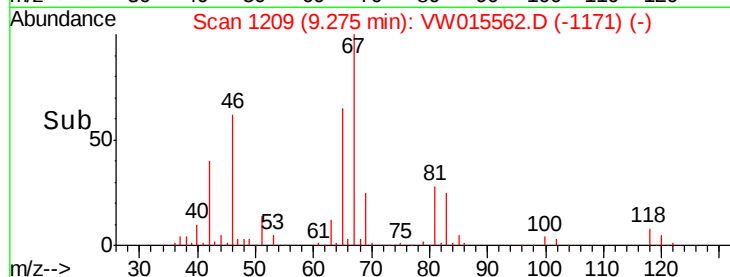
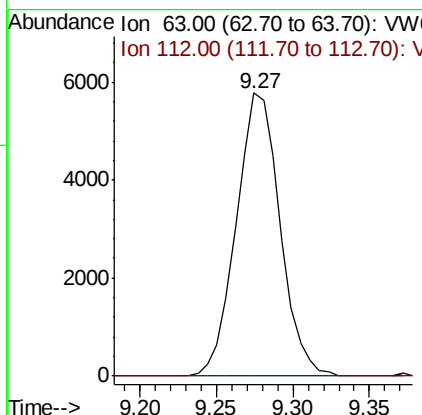
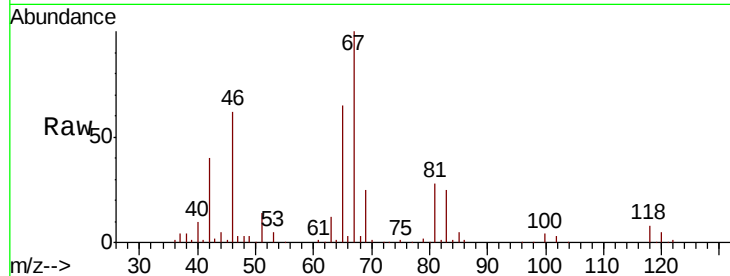




#40
 1,2-Dichloropropane
 Concen: 2.766 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW015562.D
 Acq: 08 Jun 2020 17:56

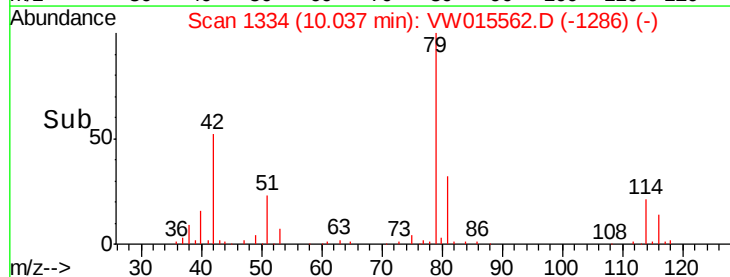
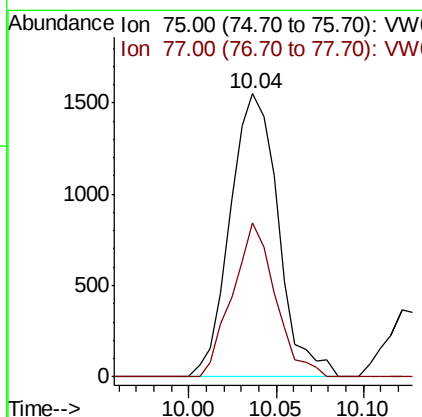
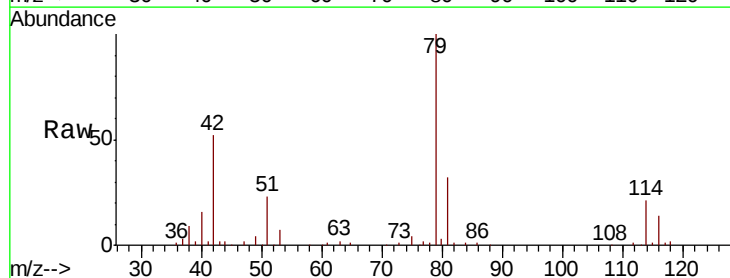
Instrument :
 MSVOA_W
 ClientSampleId :

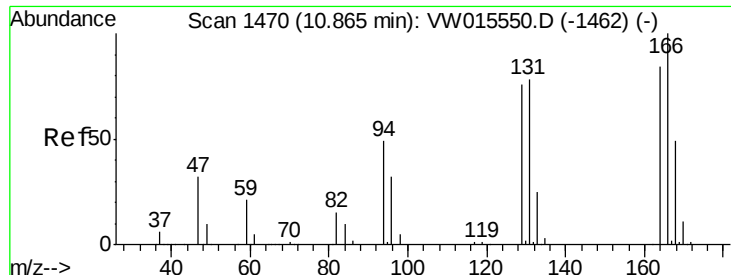
Tot Ion: 63 Resp: 11469
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.449 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015562.D
 Acq: 08 Jun 2020 17:56

Tgt Ion: 75 Resp: 2980
 Ion Ratio Lower Upper
 75 100
 77 54.3 22.3 41.5#





#47

Tetrachloroethene

Concen: 0.879 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW015562.D

Acq: 08 Jun 2020 17:56

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 3150

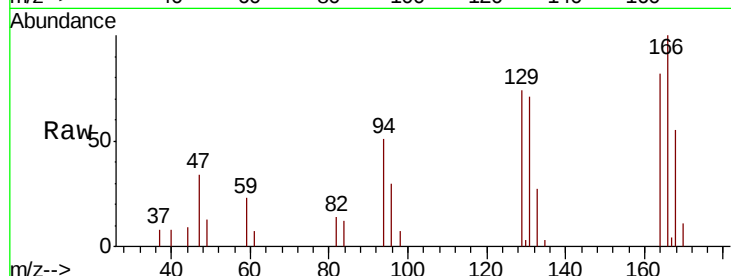
Ion Ratio Lower Upper

164 100

129 93.4 66.3 123.1

131 86.9 65.1 120.9

166 121.6 90.8 168.6

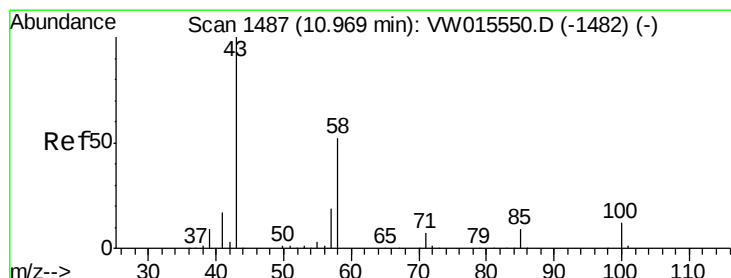
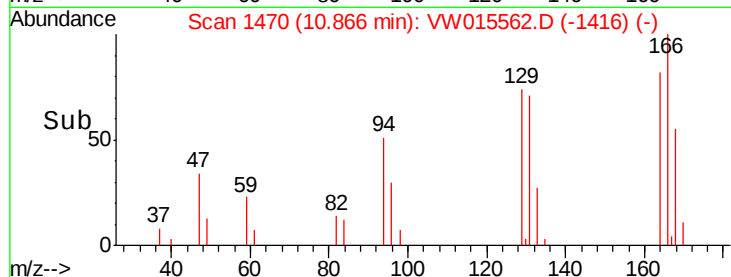
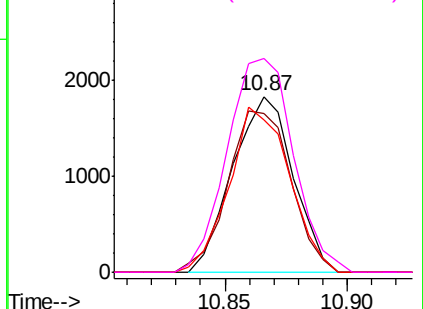


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 2.815 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015562.D

Acq: 08 Jun 2020 17:56

Tgt Ion: 43 Resp: 4617

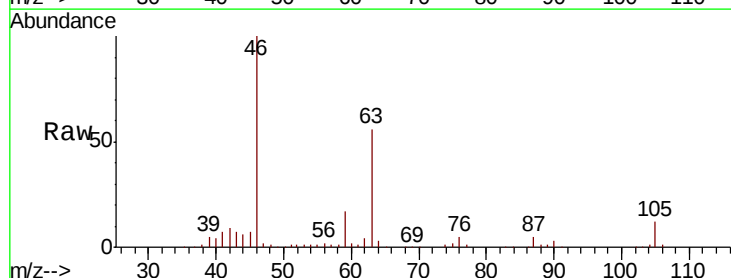
Ion Ratio Lower Upper

43 100

58 22.1 42.6 64.0#

57 23.9 15.5 23.3#

100 0.0 10.3 15.5#

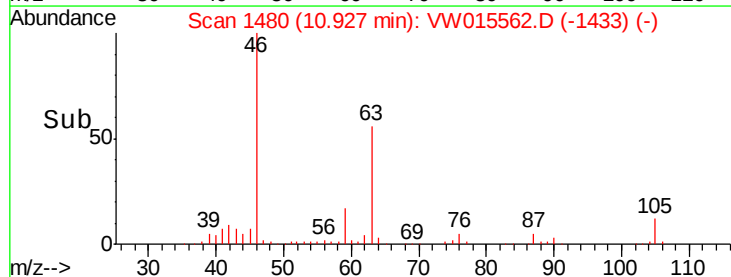
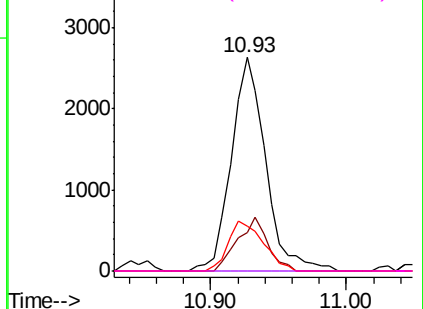


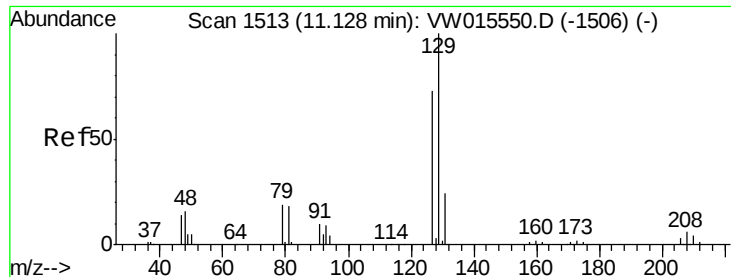
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

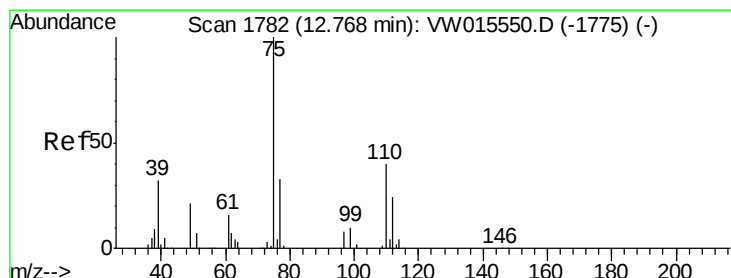
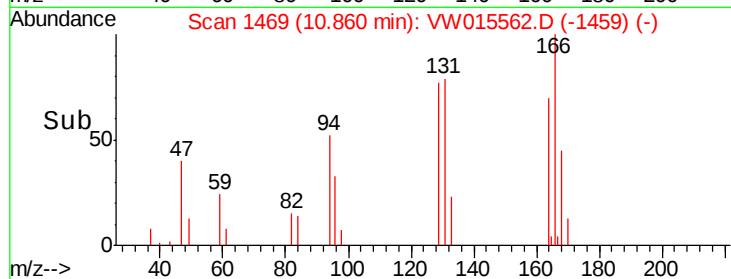
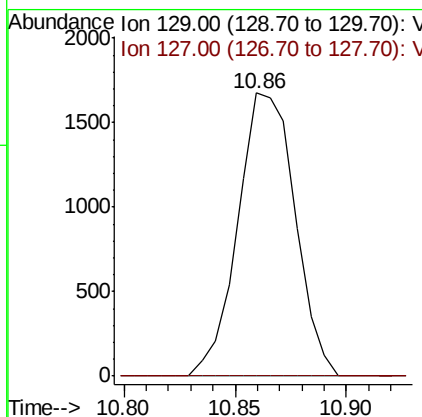
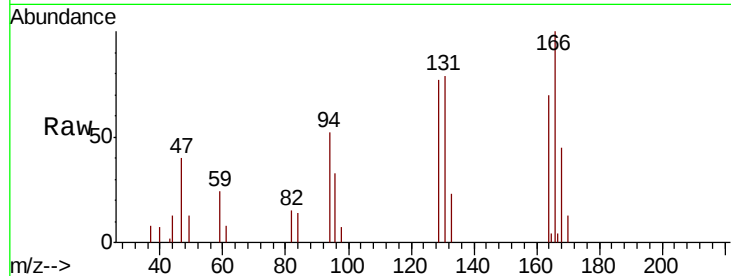




#50
 Dibromochloromethane
 Concen: 0.850 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.27 min
 Lab File: VW015562.D
 Acq: 08 Jun 2020 17:56

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:129 Resp: 2996
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.0 98.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.788 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW015562.D
 Acq: 08 Jun 2020 17:56

Tgt Ion: 75 Resp: 17282
 Ion Ratio Lower Upper
 75 100
 77 38.4 25.9 38.9

