

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016222.D
 Acq On : 17 Aug 2020 16:46
 Operator : SY/VA
 Sample : L3702-15
 Misc : 5.49G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWP9

Quant Time: Aug 18 03:23:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 03:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	437279	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404054	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167887	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97860	18.05	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.20%
7) Chloroethane-d5	2.90	69	78217	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.04%
10) 1,1-Dichloroethene-d2	4.01	63	166105	14.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.72%
20) 2-Butanone-d5	7.09	46	51514	36.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.22%
24) Chloroform-d	7.65	84	242233	20.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.56%
26) 1,2-Dichloroethane-d4	8.31	65	120823	19.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.52%
29) Benzene-d6	8.28	84	479238	21.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.20%
33) 1,2-Dichloropropane-d6	9.28	67	140696	21.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.08%
37) Toluene-d8	10.33	98	438455	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.00%
38) trans-1,3-Dichloropropene-	10.58	79	57766	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.52%
39) 2-Hexanone-d5	10.93	63	42638	38.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108528	20.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	150605	25.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.24%

Target Compounds

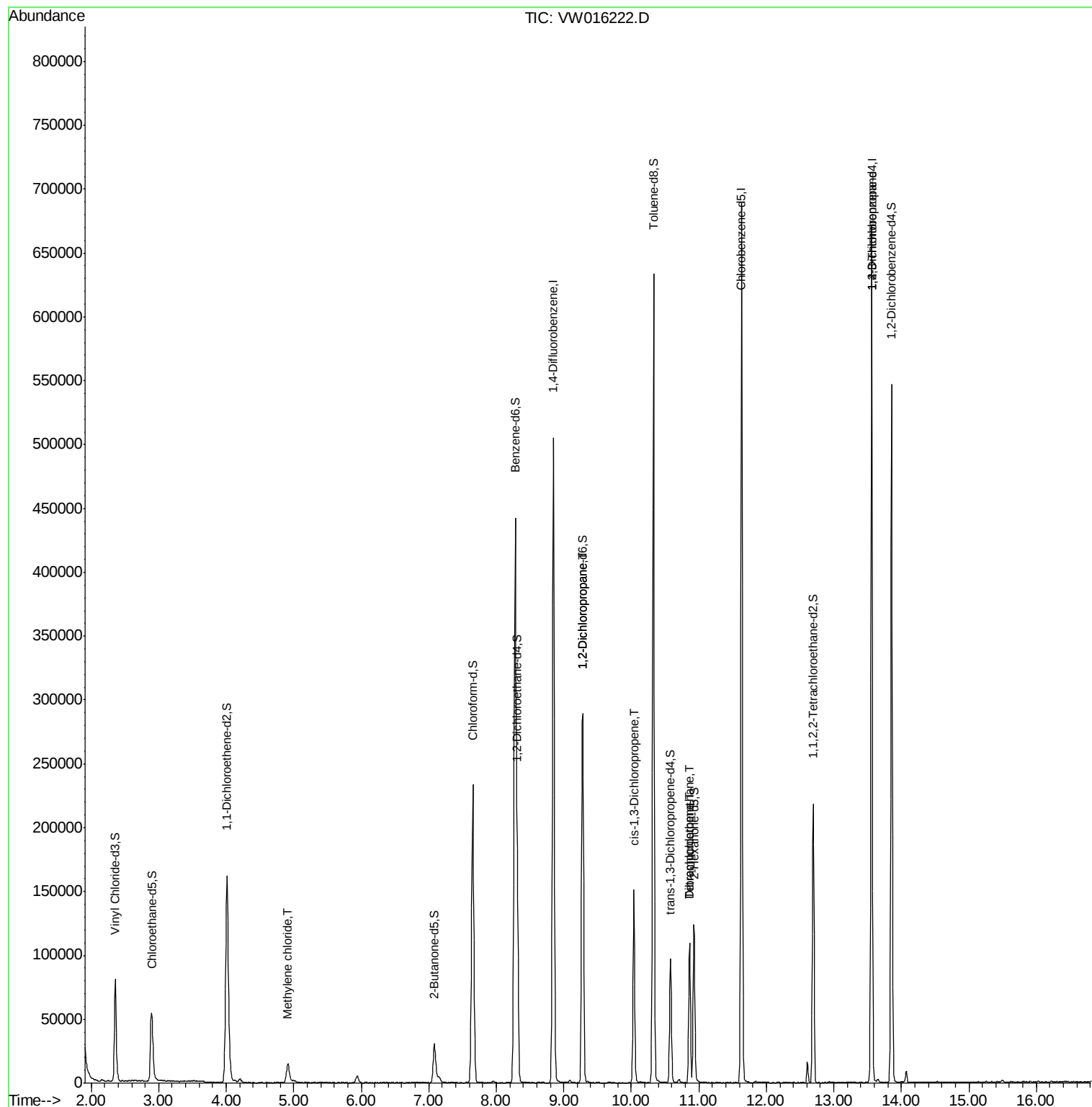
					Ovalue
16) Methylene chloride	4.92	84	12366	1.791 ug/L	90
40) 1,2-Dichloropropane	9.27	63	15298	2.674 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3939	0.452 ug/L #	76
47) Tetrachloroethene	10.87	164	24840	5.289 ug/L	97
50) Dibromochloromethane	10.87	129	24462	4.611 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	20039	5.033 ug/L	92

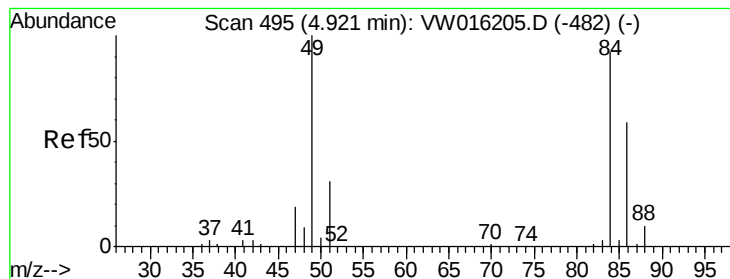
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 18 03:20:41 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 1.791 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW016222.D

Acq: 17 Aug 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

BFWP9

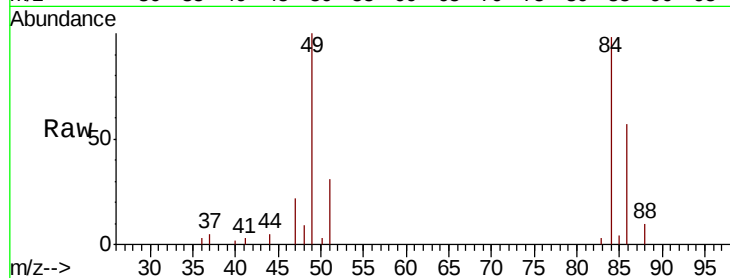
Tot Ion: 84 Resp: 12366

Ion Ratio Lower Upper

84 100

49 102.1 80.4 149.4

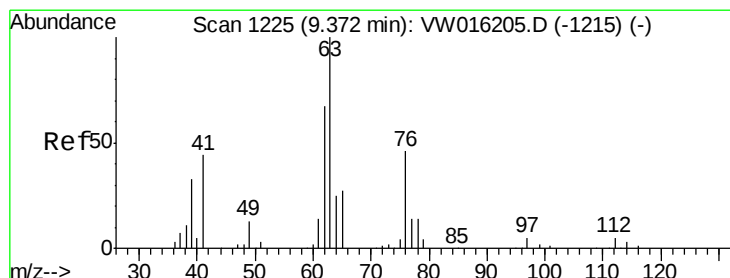
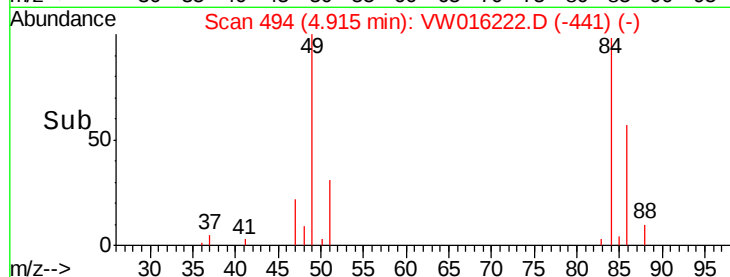
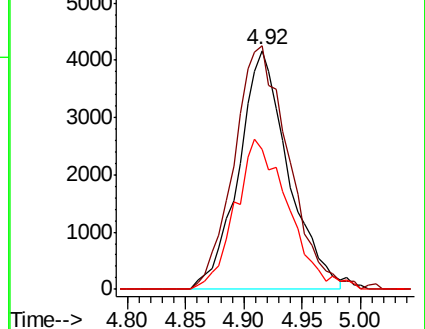
86 58.4 43.8 81.3



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



#40

1,2-Dichloropropane

Concen: 2.674 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016222.D

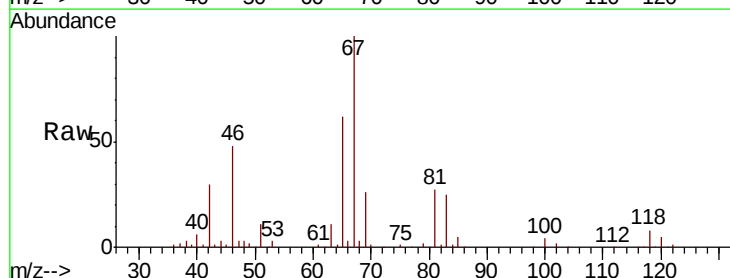
Acq: 17 Aug 2020 16:46

Tgt Ion: 63 Resp: 15298

Ion Ratio Lower Upper

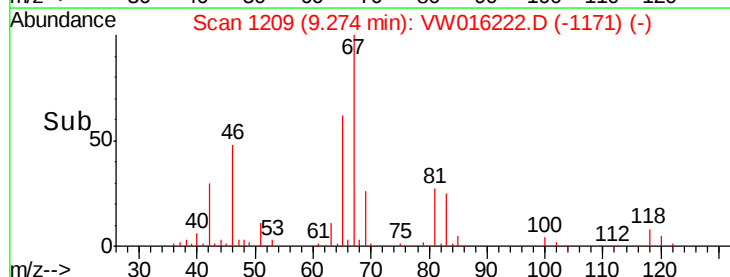
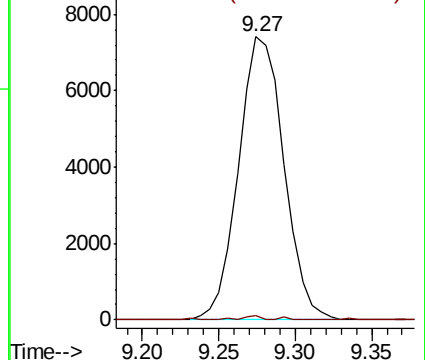
63 100

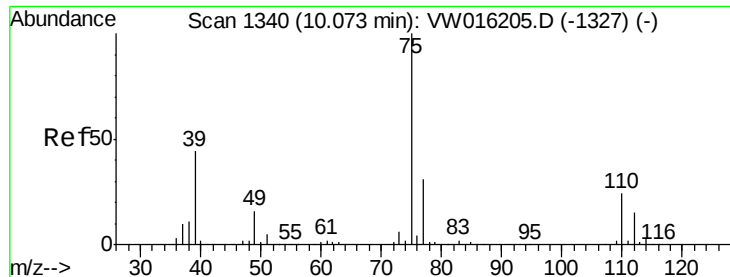
112 0.5 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.452 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016222.D

Acq: 17 Aug 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

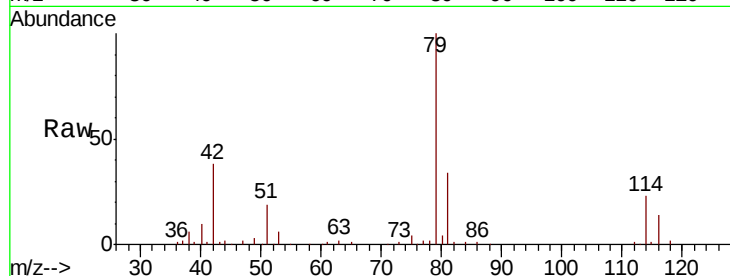
BFWP9

Tot Ion: 75 Resp: 3939

Ion Ratio Lower Upper

75 100

77 46.1 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

2500

2000

1500

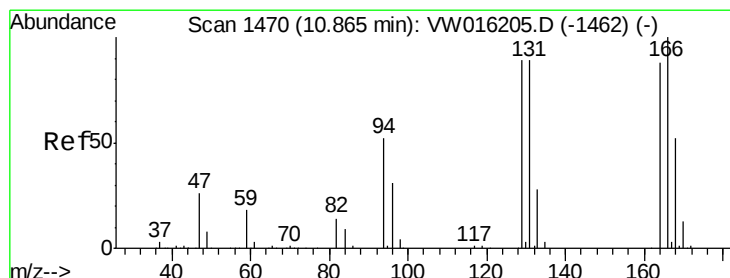
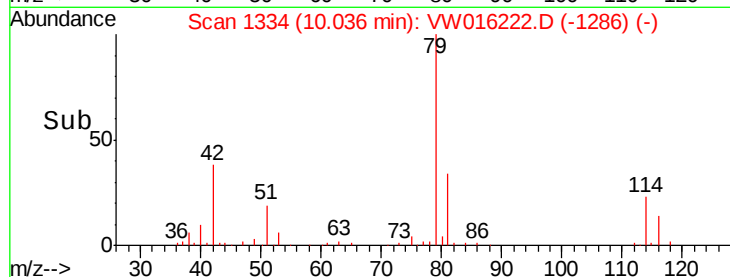
1000

500

0

Time-->

10.00 10.05 10.10



#47

Tetrachloroethene

Concen: 5.289 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016222.D

Acq: 17 Aug 2020 16:46

Tgt Ion:164 Resp: 24840

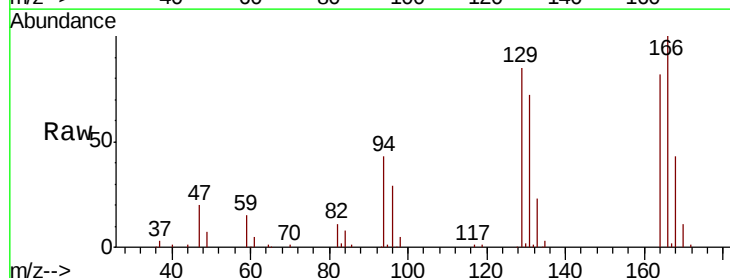
Ion Ratio Lower Upper

164 100

129 103.1 71.5 132.9

131 88.1 65.4 121.4

166 121.9 86.9 161.5



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

30000

25000

20000

15000

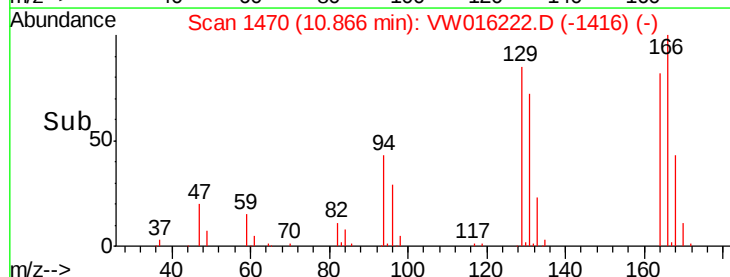
10000

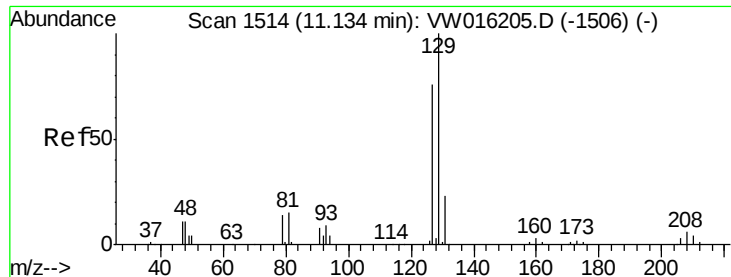
5000

0

Time-->

10.80 10.85 10.90

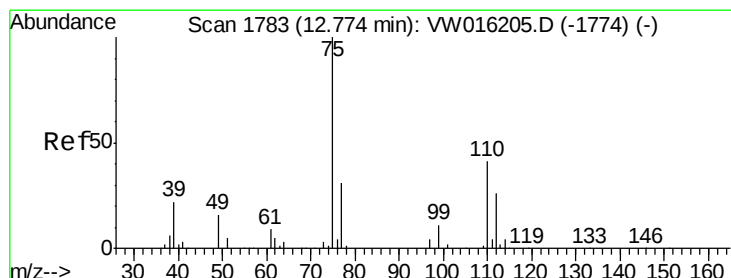
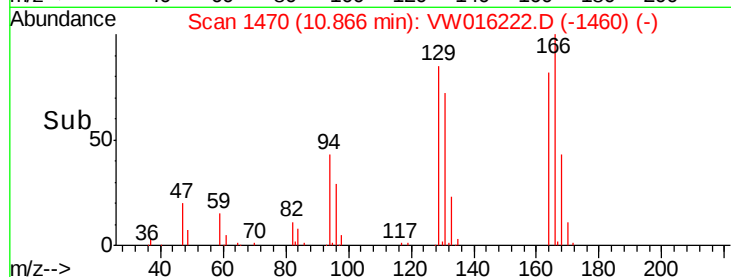
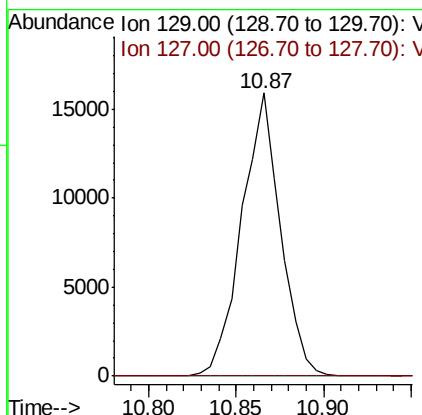
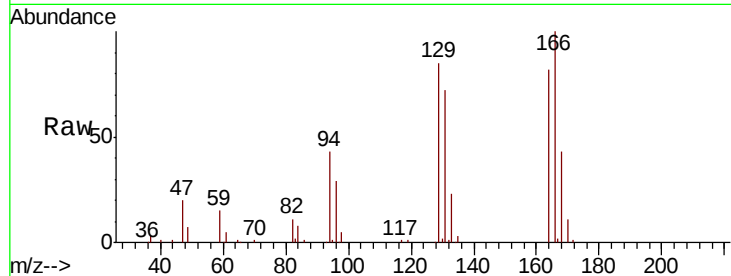




#50
 Dibromochloromethane
 Concen: 4.611 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.27 min
 Lab File: VW016222.D
 Acq: 17 Aug 2020 16:46

Instrument :
 MSVOA_W
 ClientSampled :
 BFWP9

Tot Ion:129 Resp: 24462
 Ion Ratio Lower Upper
 129 100
 127 0.3 55.4 102.8#



#59
 1,2,3-Trichloropropane
 Concen: 5.033 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016222.D
 Acq: 17 Aug 2020 16:46

Tgt Ion: 75 Resp: 20039
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.9 38.9

