

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016220.D
 Acq On : 17 Aug 2020 15:59
 Operator : SY/VA
 Sample : L3702-13
 Misc : 6.40G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSP8

Quant Time: Aug 18 03:23:25 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	475532	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	430102	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	182313	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	102752	17.43	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.72%
7) Chloroethane-d5	2.89	69	81147	18.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.52%
10) 1,1-Dichloroethene-d2	4.01	63	178518	14.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.04%
20) 2-Butanone-d5	7.08	46	48920	31.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.06%
24) Chloroform-d	7.65	84	253442	19.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.44%
26) 1,2-Dichloroethane-d4	8.31	65	122441	18.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.24%
29) Benzene-d6	8.27	84	503550	21.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.08%
33) 1,2-Dichloropropane-d6	9.27	67	144128	20.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.80%
37) Toluene-d8	10.33	98	460492	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.84%
38) trans-1,3-Dichloropropene-	10.58	79	58405	18.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.56%
39) 2-Hexanone-d5	10.93	63	41095	34.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107841	19.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	153312	23.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.88%

Target Compounds

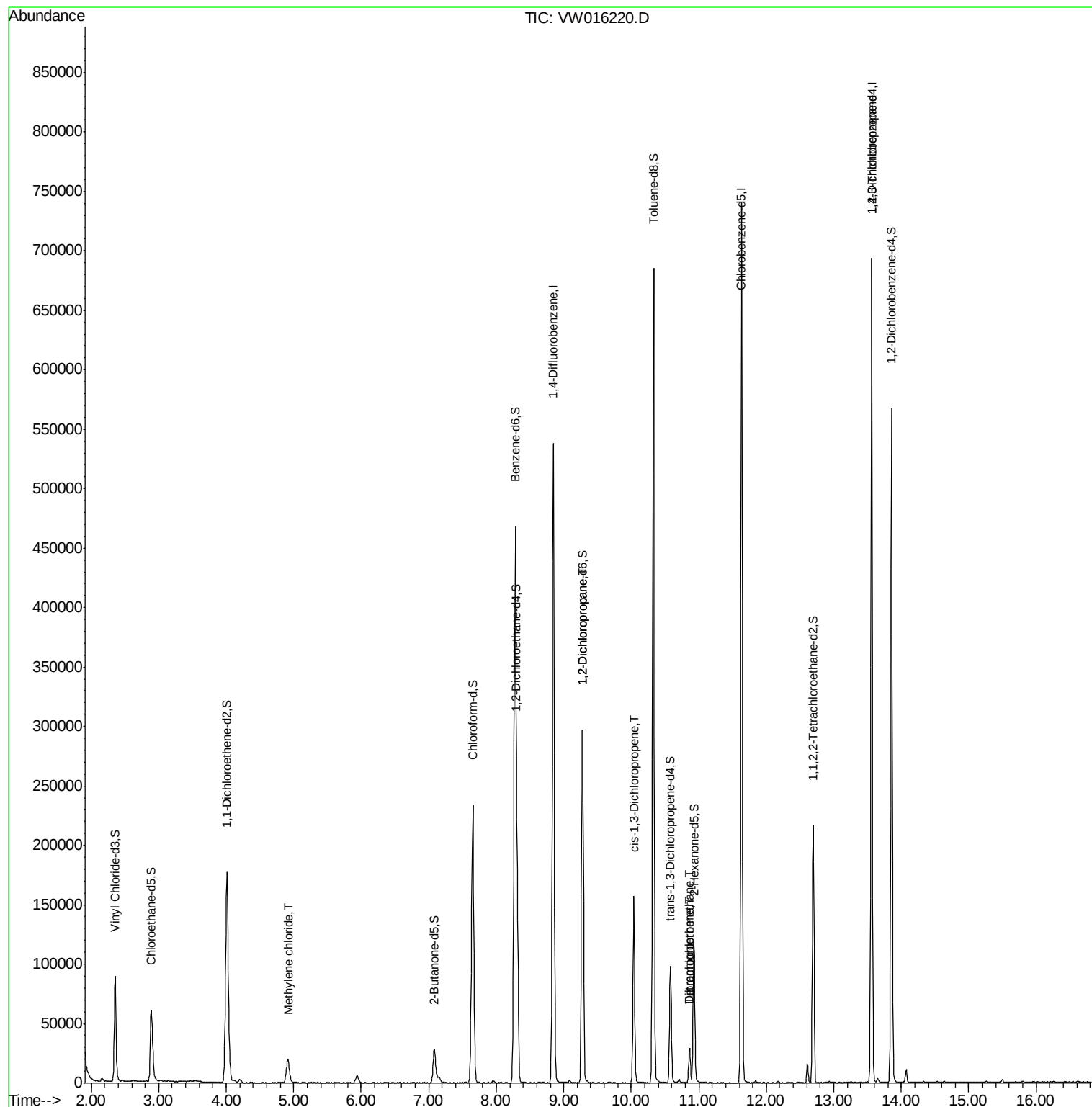
					Ovalue
16) Methylene chloride	4.92	84	16645	2.217 ug/L	98
40) 1,2-Dichloropropane	9.27	63	16058	2.636 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3756	0.405 ug/L #	61
47) Tetrachloroethene	10.87	164	6299	1.260 ug/L	93
50) Dibromochloromethane	10.87	129	6480	1.148 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	21295	5.025 ug/L	89

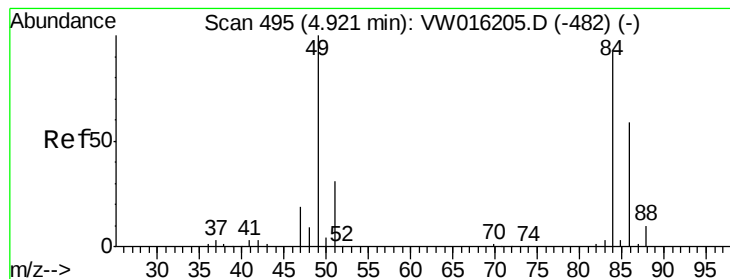
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#16

Methvlene chloride

Concen: 2.217 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW016220.D

Acq: 17 Aug 2020 15:59

Instrument :

MSVOA_W

ClientSampleId :

BFSP8

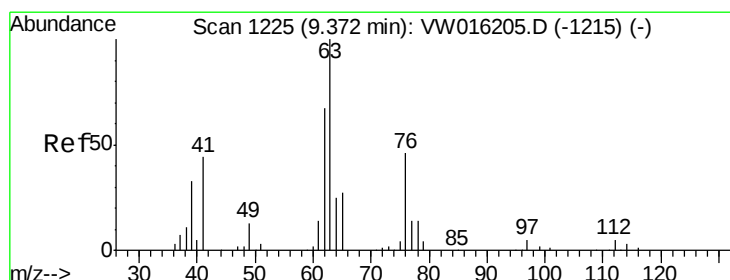
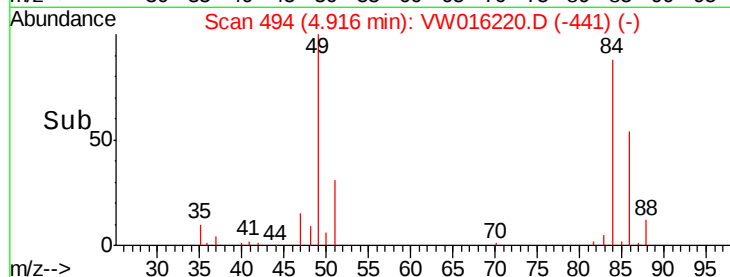
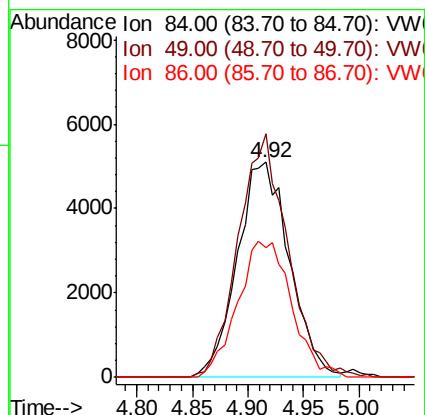
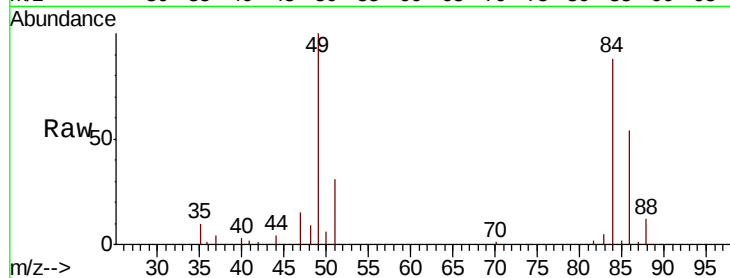
Tot Ion: 84 Resp: 16645

Ion Ratio Lower Upper

84 100

49 113.3 80.4 149.4

86 60.6 43.8 81.3



#40

1,2-Dichloropropane

Concen: 2.636 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016220.D

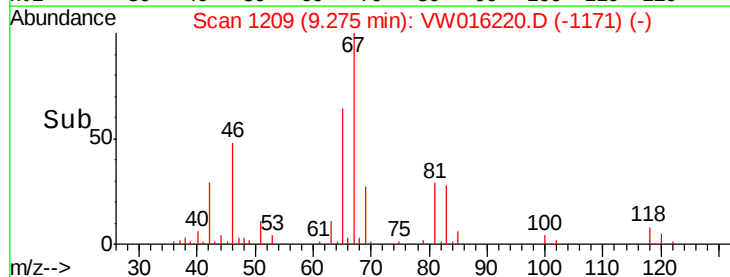
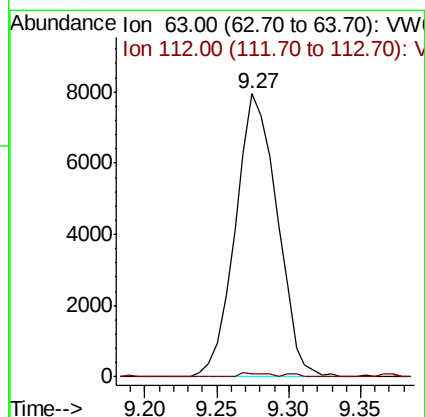
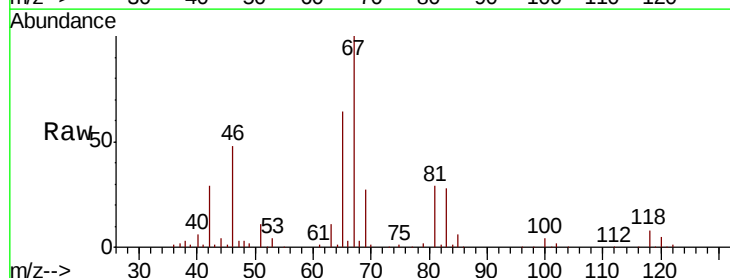
Acq: 17 Aug 2020 15:59

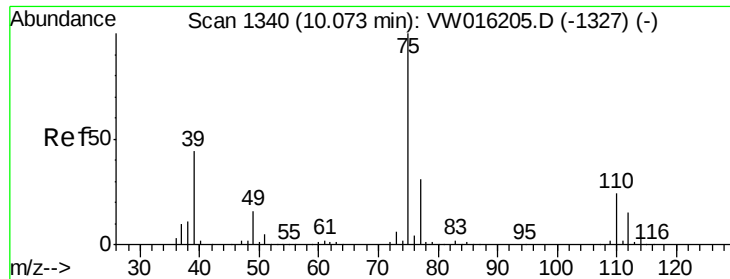
Tgt Ion: 63 Resp: 16058

Ion Ratio Lower Upper

63 100

112 0.4 4.0 6.0#





#42

cis-1,3-Dichloropropene

Concen: 0.405 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

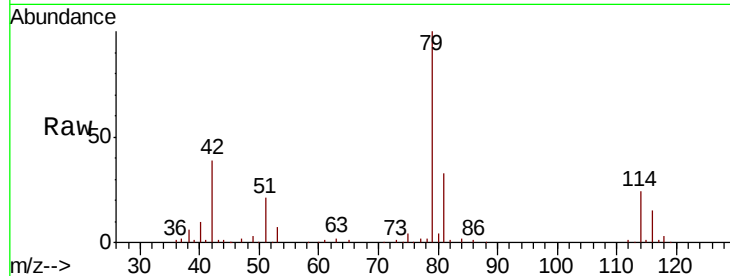
BFSP8

Tot Ion: 75 Resp: 3756

Ion Ratio Lower Upper

75 100

77 54.8 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

2000

1500

1000

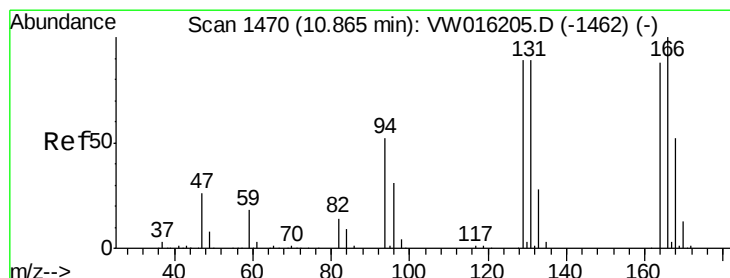
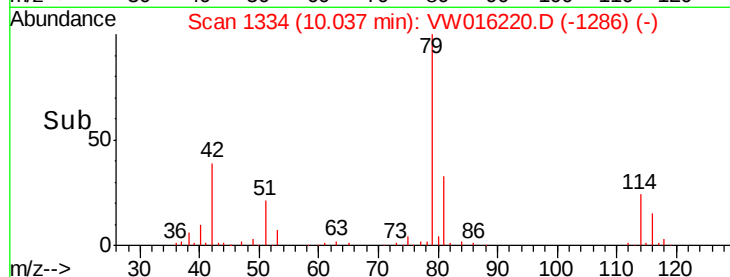
500

0

Time-->

10.00

10.05



#47

Tetrachloroethene

Concen: 1.260 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016220.D

Acq: 17 Aug 2020 15:59

Tgt Ion: 164 Resp: 6299

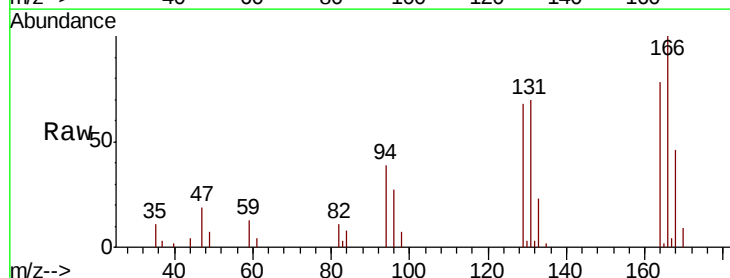
Ion Ratio Lower Upper

164 100

129 86.4 71.5 132.9

131 89.6 65.4 121.4

166 127.4 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

8000

6000

4000

2000

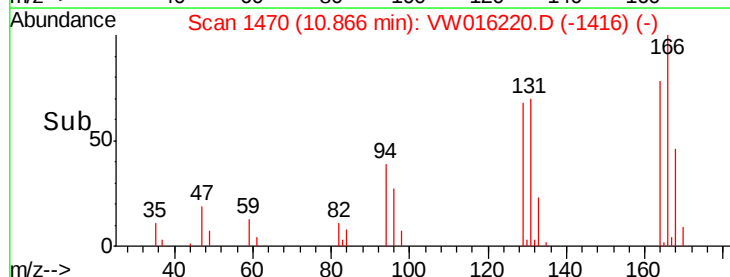
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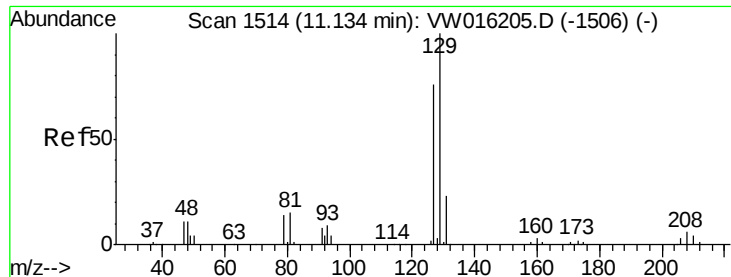
Time-->

10.80

10.85

10.90

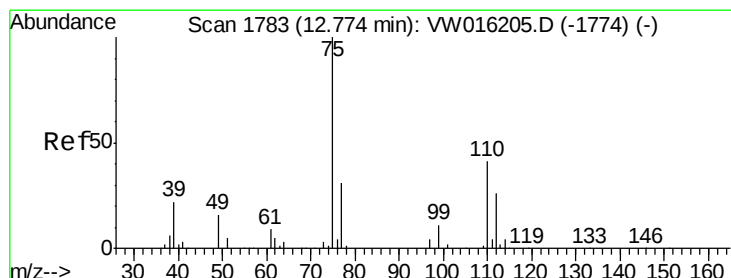
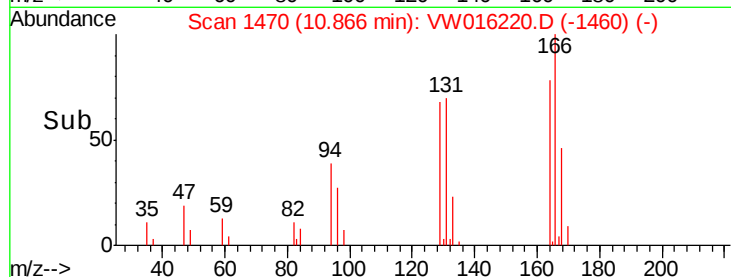
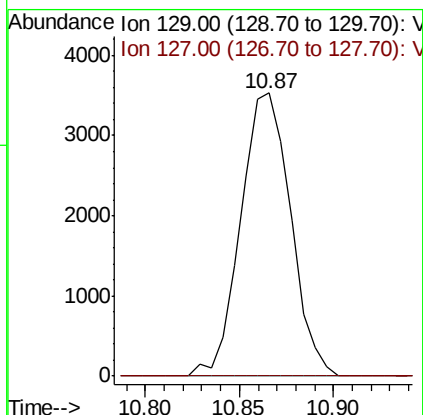
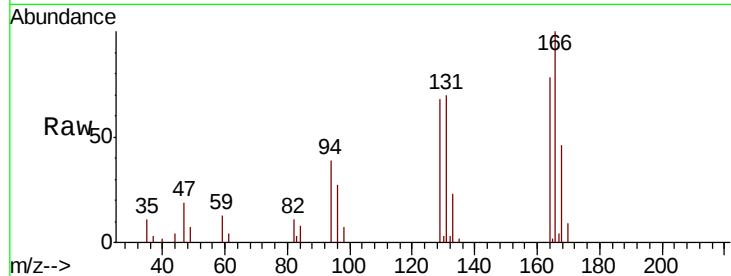




#50
Dibromochloromethane
Concen: 1.148 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.27 min
Lab File: VW016220.D
Acq: 17 Aug 2020 15:59

Instrument :
MSVOA_W
ClientSampleId :
BFSP8

Tot Ion:129 Resp: 6480
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#59
1,2,3-Trichloropropane
Concen: 5.025 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW016220.D
Acq: 17 Aug 2020 15:59

Tgt Ion: 75 Resp: 21295
Ion Ratio Lower Upper
75 100
77 38.8 25.9 38.9

