

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016210.D
 Acq On : 17 Aug 2020 12:04
 Operator : SY/VA
 Sample : L3702-03
 Misc : 6.64G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSK6

Quant Time: Aug 18 03:22:25 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	468312	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	418507	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	179488	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102976	17.74	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.96%
7) Chloroethane-d5	2.89	69	83889	19.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.12%
10) 1,1-Dichloroethene-d2	4.01	63	179928	14.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.36%
20) 2-Butanone-d5	7.08	46	43183	28.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.52%
24) Chloroform-d	7.65	84	248224	19.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.00%
26) 1,2-Dichloroethane-d4	8.31	65	115639	17.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.28%#
29) Benzene-d6	8.28	84	504005	22.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.56%
33) 1,2-Dichloropropane-d6	9.28	67	143832	21.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.92%
37) Toluene-d8	10.33	98	454884	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.12%
38) trans-1,3-Dichloropropene-	10.58	79	54845	18.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.92%
39) 2-Hexanone-d5	10.93	63	34905	30.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96295	17.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	148130	23.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.12%

Target Compounds

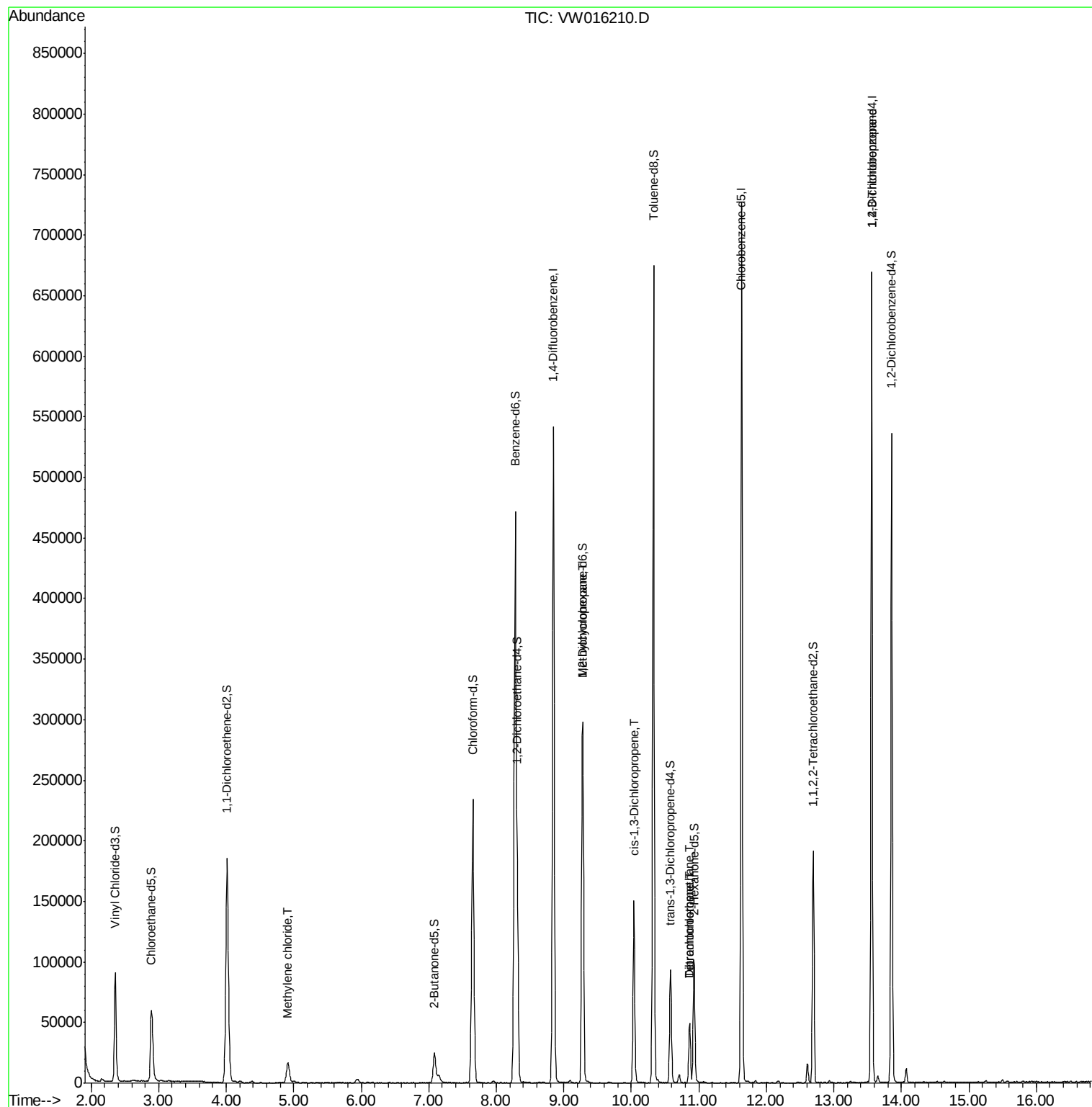
					Ovalue
16) Methylene chloride	4.91	84	13649	1.846 ug/L	95
36) Methylcyclohexane	9.28	83	36604	3.424 ug/L #	19
42) cis-1,3-Dichloropropene	10.04	75	4141	0.459 ug/L #	77
47) Tetrachloroethene	10.87	164	11741	2.413 ug/L	93
50) Dibromochloromethane	10.87	129	11076	2.016 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	21119	5.121 ug/L	94

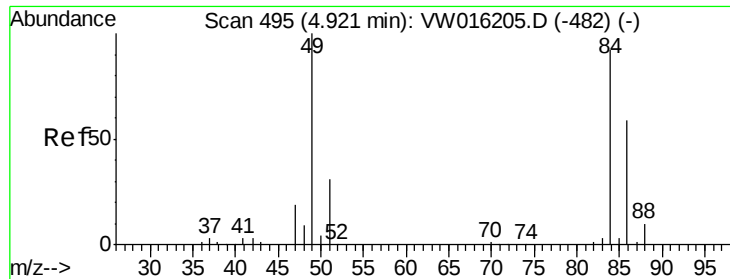
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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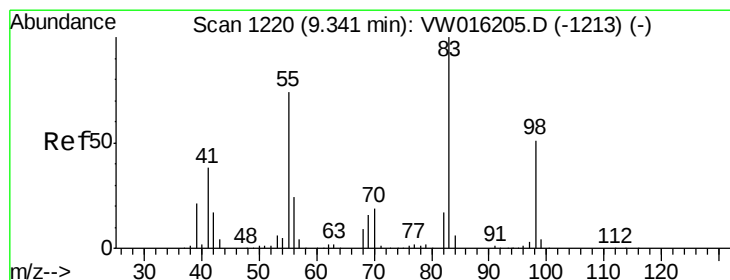
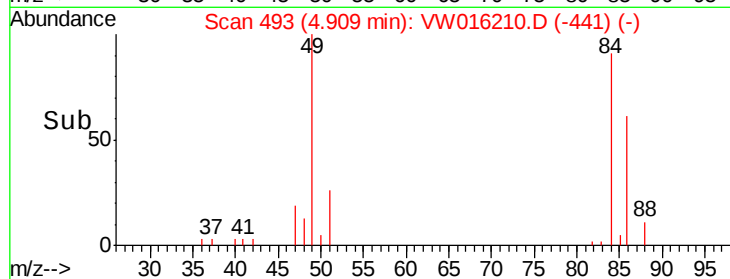
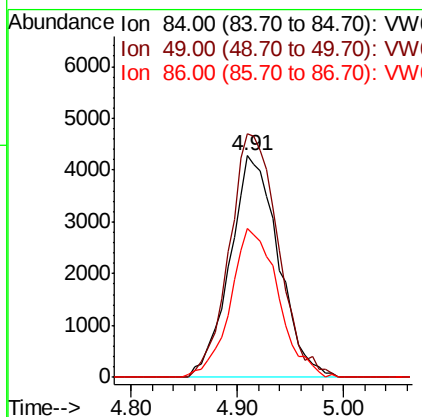
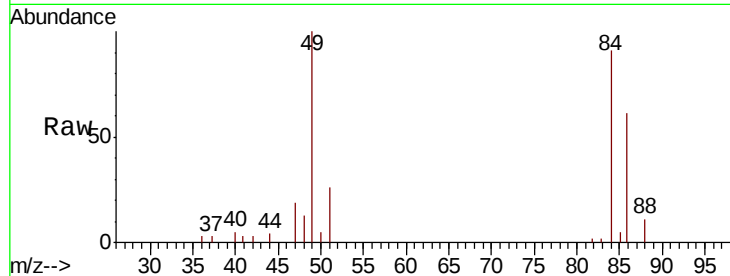




#16
Methvlene chloride
Concen: 1.846 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016210.D
Acq: 17 Aug 2020 12:04

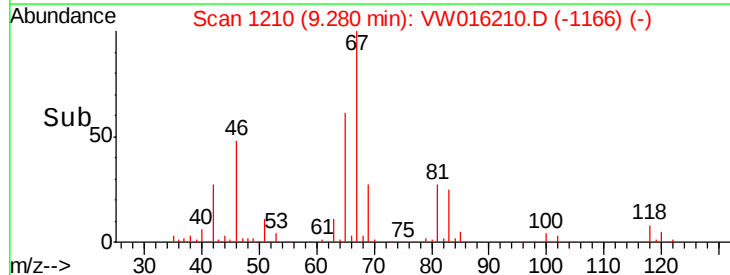
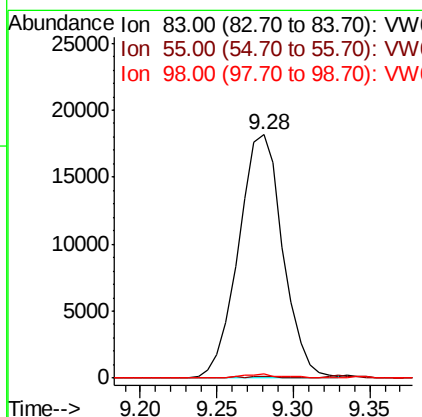
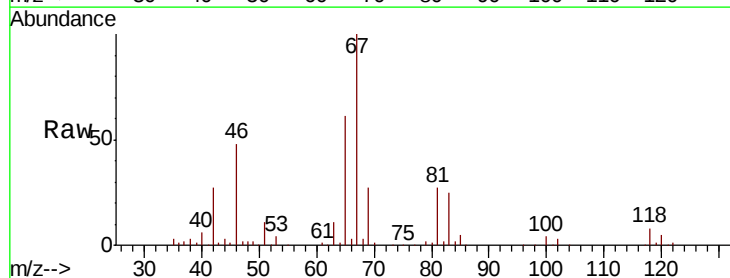
Instrument :
MSVOA_W
ClientSampleId :
BFSK6

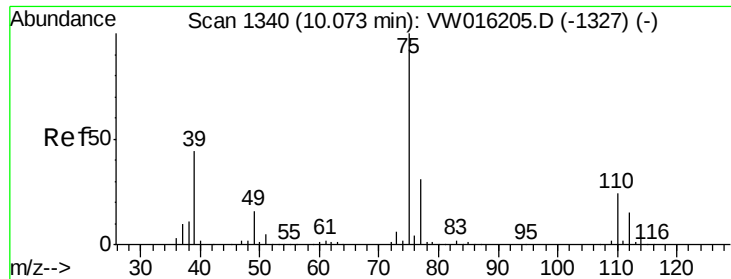
Tot Ion: 84 Resp: 13649
Ion Ratio Lower Upper
84 100
49 109.8 80.4 149.4
86 66.9 43.8 81.3



#36
Methylcyclohexane
Concen: 3.424 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016210.D
Acq: 17 Aug 2020 12:04

Tgt Ion: 83 Resp: 36604
Ion Ratio Lower Upper
83 100
55 0.2 60.7 91.1#
98 1.2 39.4 59.0#





#42

cis-1,3-Dichloropropene

Concen: 0.459 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016210.D

Acq: 17 Aug 2020 12:04

Instrument :

MSVOA_W

ClientSampleId :

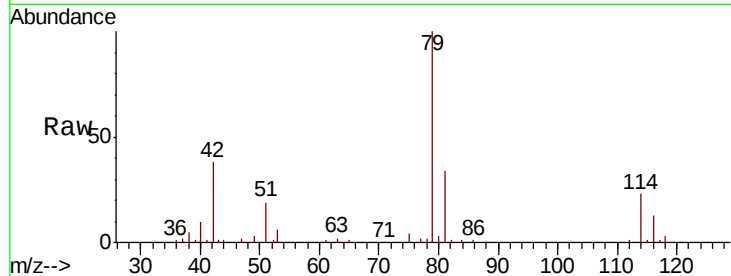
BFSK6

Tot Ion: 75 Resp: 4141

Ion Ratio Lower Upper

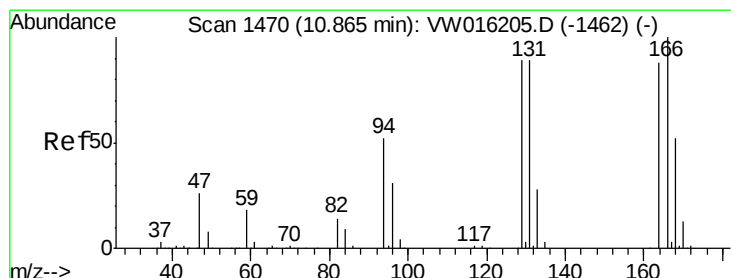
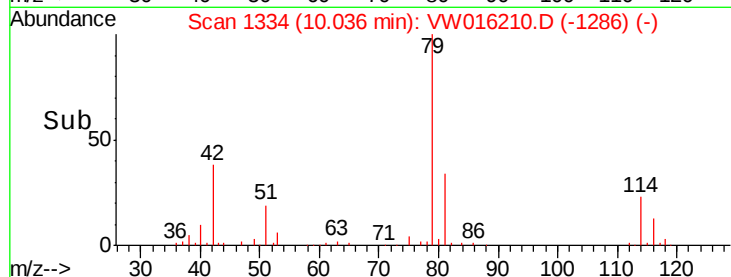
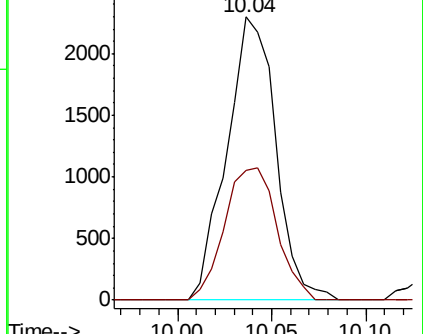
75 100

77 45.9 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 2.413 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016210.D

Acq: 17 Aug 2020 12:04

Tgt Ion: 164 Resp: 11741

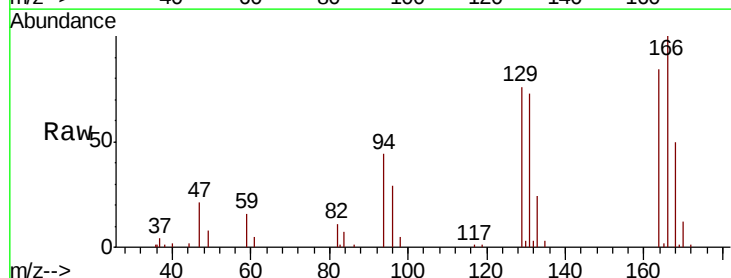
Ion Ratio Lower Upper

164 100

129 91.3 71.5 132.9

131 87.0 65.4 121.4

166 119.6 86.9 161.5

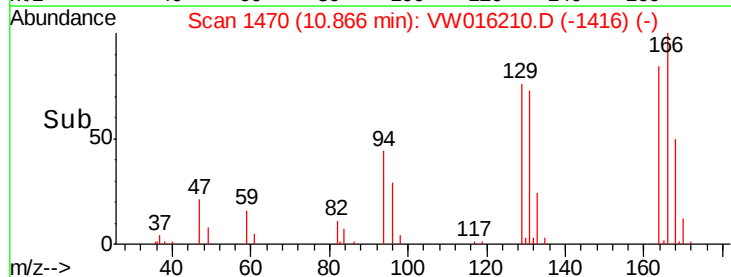
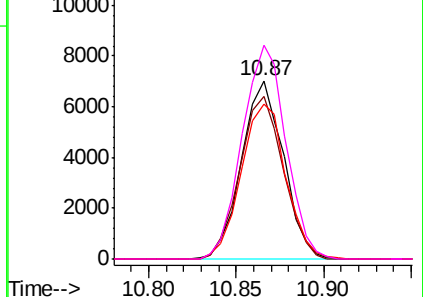


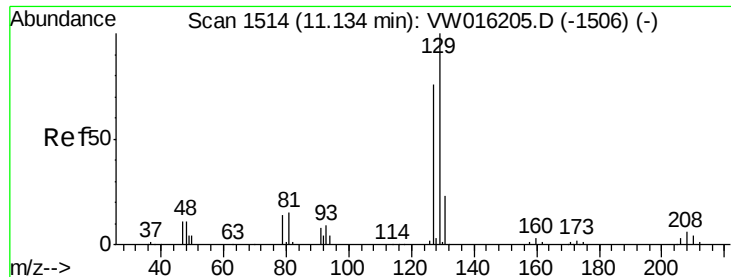
Abundance Ion 164.00 (163.70 to 164.70): V

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

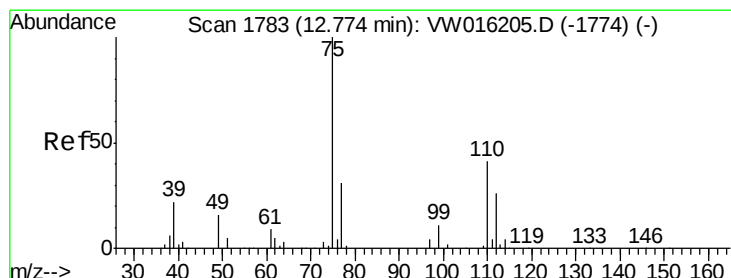
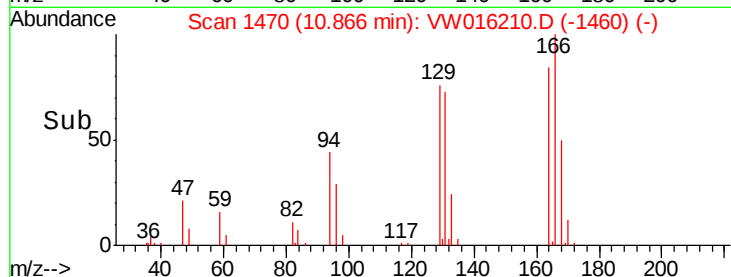
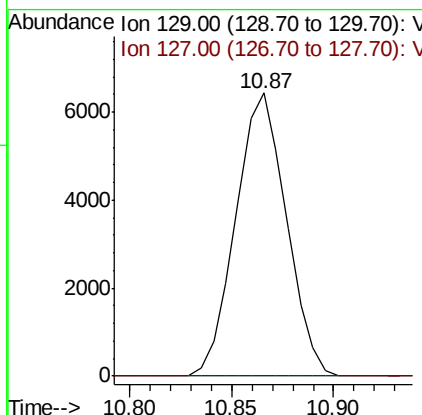
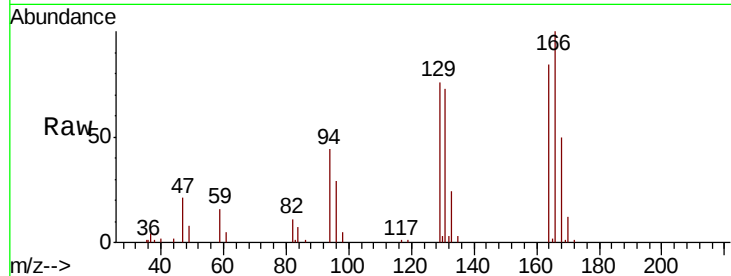




#50
 Dibromochloromethane
 Concen: 2.016 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.27 min
 Lab File: VW016210.D
 Acq: 17 Aug 2020 12:04

Instrument :
 MSVOA_W
 ClientSampled :
 BFSK6

Tot Ion:129 Resp: 11076
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#



#59
 1,2,3-Trichloropropane
 Concen: 5.121 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016210.D
 Acq: 17 Aug 2020 12:04

Tgt Ion: 75 Resp: 21119
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.9 38.9

