

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017910.D
 Acq On : 15 Jan 2021 20:06
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 18 02:10:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 02:07:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	387701	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351766	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	179861	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117274	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.20%
7) Chloroethane-d5	2.89	69	104181	21.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.16%
10) 1,1-Dichloroethene-d2	4.03	63	170135	16.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.12%
20) 2-Butanone-d5	7.08	46	53325	54.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.70%
24) Chloroform-d	7.65	84	243414	24.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	8.31	65	135445	25.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.32%
29) Benzene-d6	8.27	84	473906	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	9.27	67	139228	25.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.96%
37) Toluene-d8	10.32	98	454232	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.48%
38) trans-1,3-Dichloropropene-	10.58	79	50918	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.64%
39) 2-Hexanone-d5	10.93	63	40735	59.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106458	26.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	150343	24.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.00%

Target Compounds

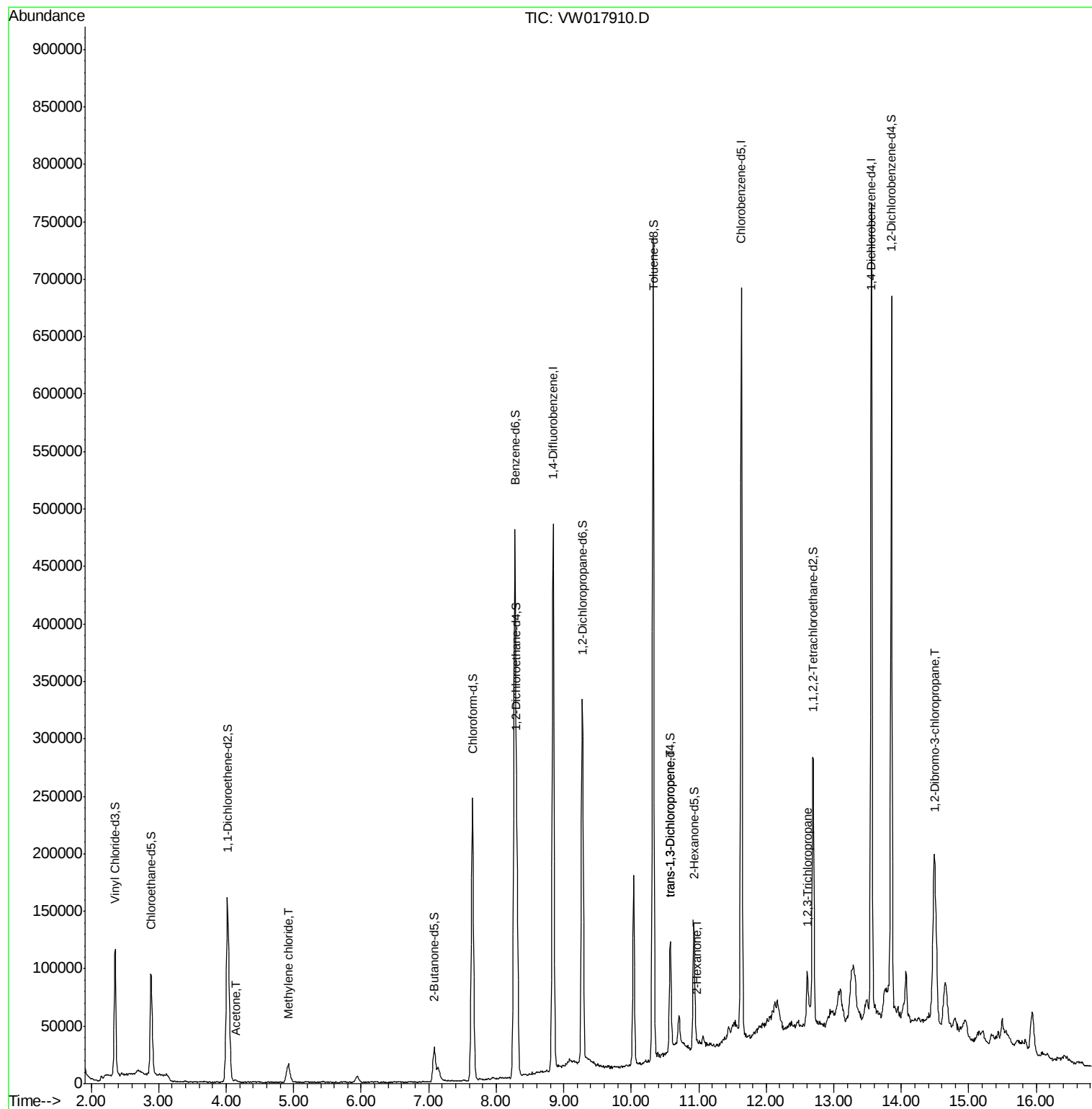
					Ovalue
13) Acetone	4.14	43	2850	3.395 ug/L	66
16) Methylene chloride	4.92	84	12768	2.303 ug/L	88
45) trans-1,3-Dichloropropene	10.58	75	3350	0.519 ug/L #	61
49) 2-Hexanone	10.98	43	794	0.485 ug/L #	83
59) 1,2,3-Trichloropropane	12.61	75	808	0.279 ug/L	91
66) 1,2-Dibromo-3-chloropropan	14.50	75	1979	3.080 ug/L #	1

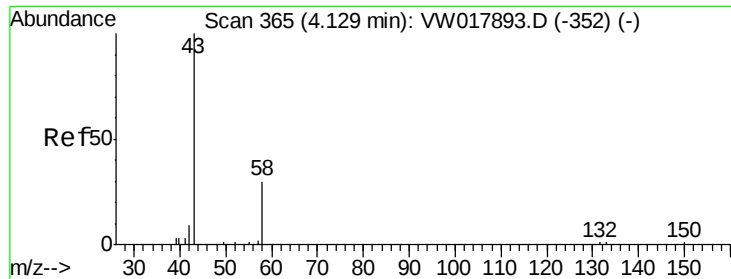
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Jan 18 02:07:49 2021
Response via : Initial Calibration





#13

Acetone

Concen: 3.395 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017910.D

Acq: 15 Jan 2021 20:06

Instrument :

MSVOA_W

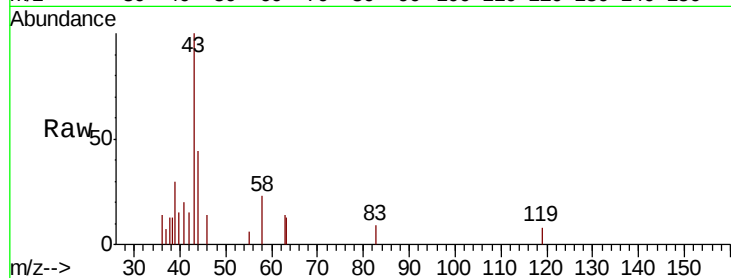
ClientSampled :

Tot Ion: 43 Resp: 2850

Ion Ratio Lower Upper

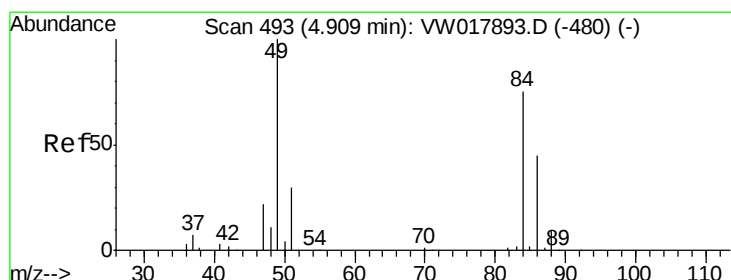
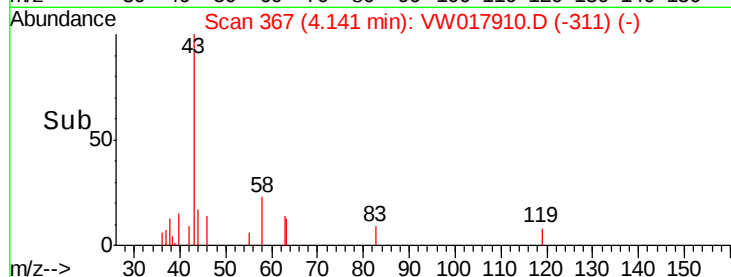
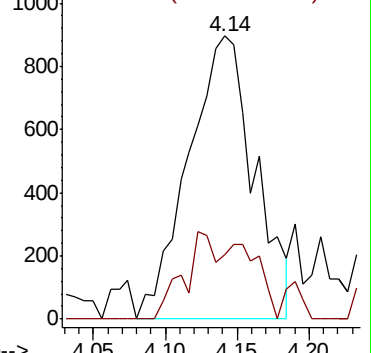
43 100

58 14.8 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.303 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017910.D

Acq: 15 Jan 2021 20:06

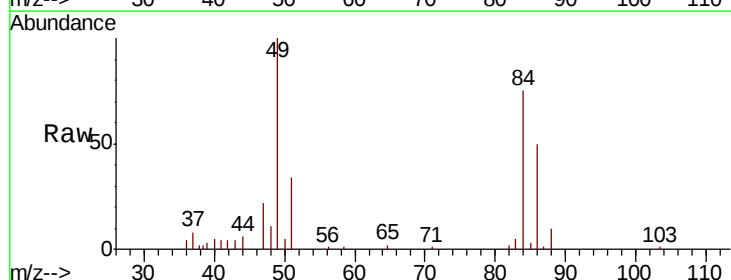
Tgt Ion: 84 Resp: 12768

Ion Ratio Lower Upper

84 100

49 134.0 81.2 150.8

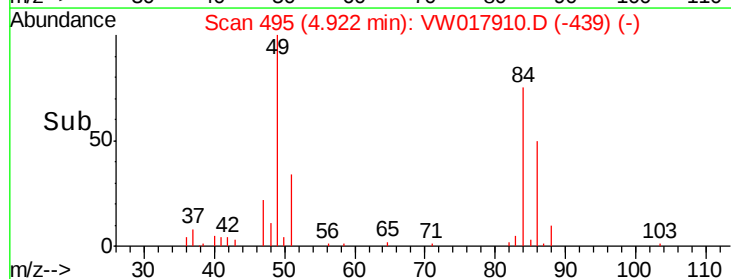
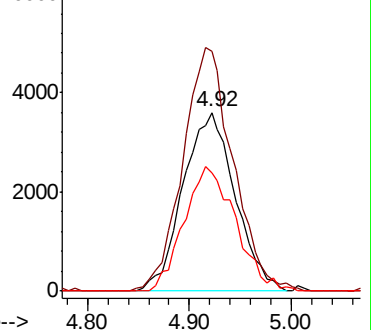
86 66.5 44.5 82.7

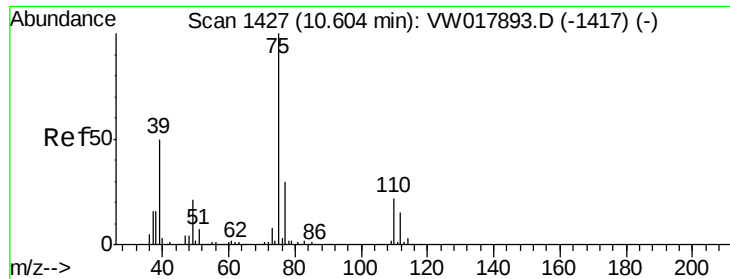


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.519 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017910.D

Acq: 15 Jan 2021 20:06

Instrument :

MSVOA_W

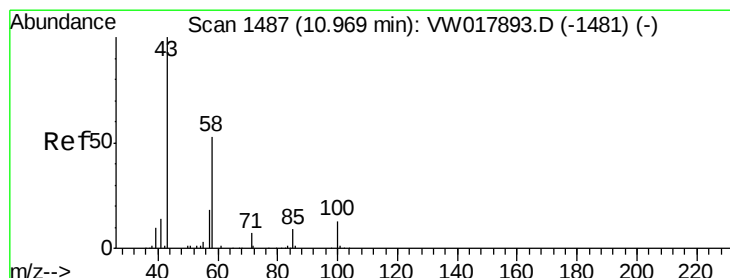
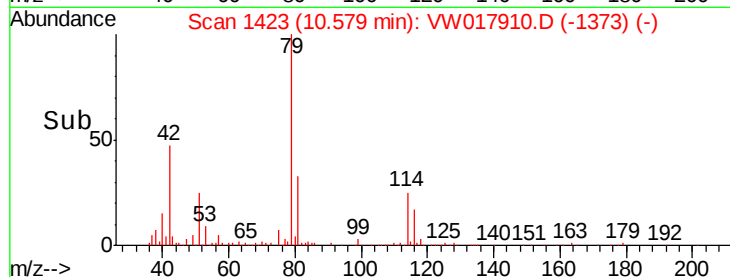
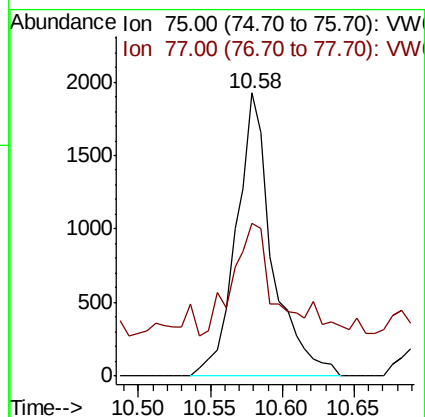
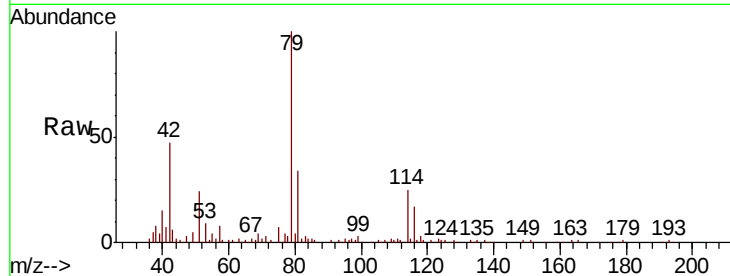
ClientSampleId :

Tot Ion: 75 Resp: 3350

Ion Ratio Lower Upper

75 100

77 54.0 22.6 42.0#



#49

2-Hexanone

Concen: 0.485 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017910.D

Acq: 15 Jan 2021 20:06

Tgt Ion: 43 Resp: 794

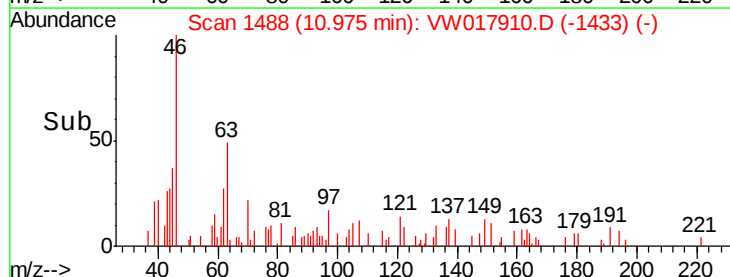
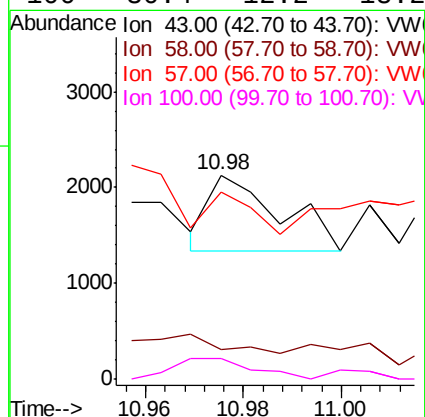
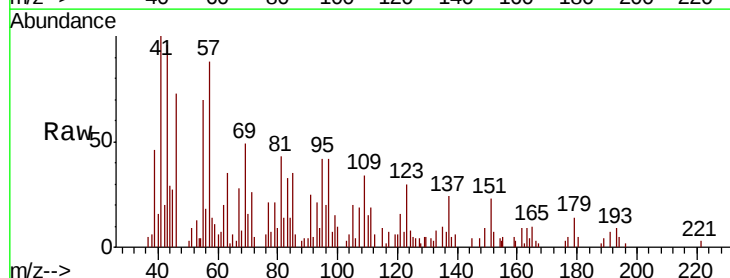
Ion Ratio Lower Upper

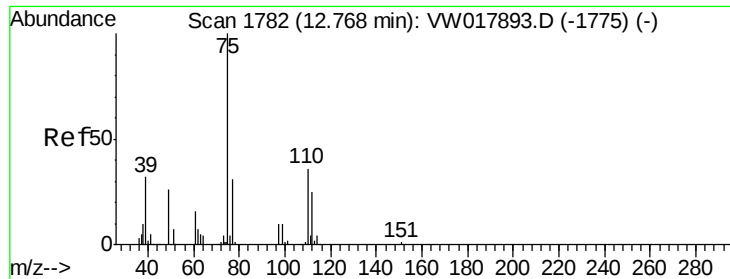
43 100

58 57.3 51.3 76.9

57 32.7 15.0 22.6#

100 30.4 12.2 18.2#





#59

1,2,3-Trichloropropane

Concen: 0.279 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW017910.D

Acq: 15 Jan 2021 20:06

Instrument :

MSVOA_W

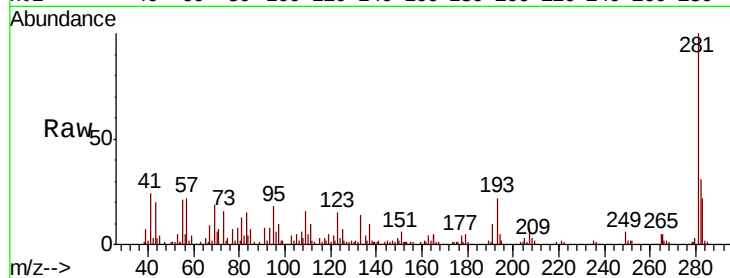
ClientSampleId :

Tot Ion: 75 Resp: 808

Ion Ratio Lower Upper

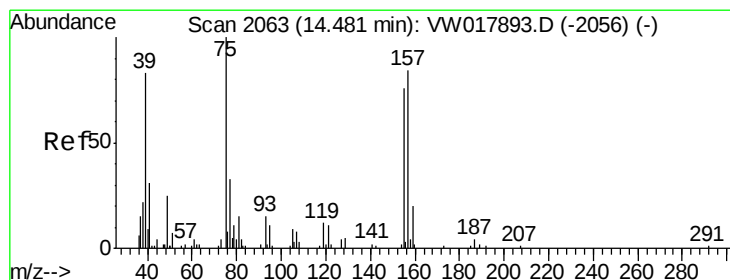
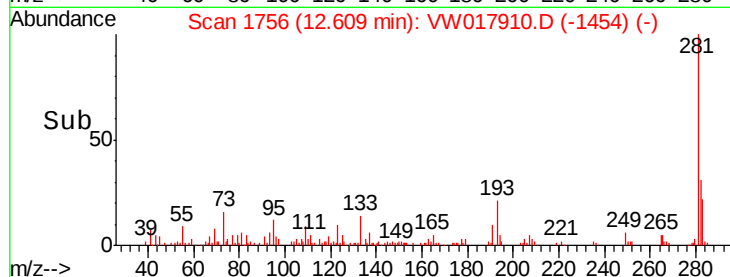
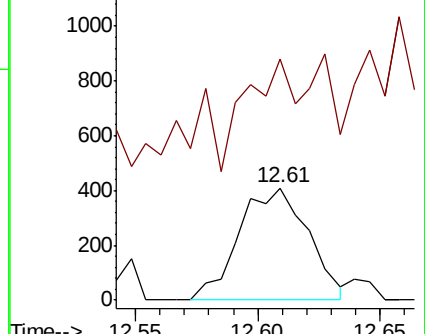
75 100

77 38.5 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#66

1,2-Dibromo-3-chloropropane

Concen: 3.080 ug/L

RT: 14.50 min Scan# 2066

Delta R.T. 0.02 min

Lab File: VW017910.D

Acq: 15 Jan 2021 20:06

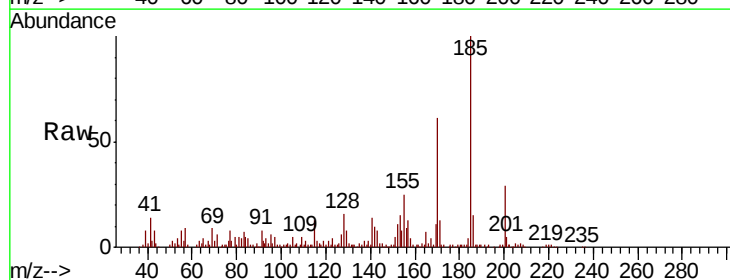
Tgt Ion: 75 Resp: 1979

Ion Ratio Lower Upper

75 100

157 558.3 99.9 149.9#

155 1027.4 71.4 107.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

