

Data File : VW017427.D
Acq On : 20 Nov 2020 19:06
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK14

Quant Time: Nov 21 00:34:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	395778	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	365365	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	193457	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	100386	17.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.52%
7) Chloroethane-d5	2.89	69	88103	18.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.72%
10) 1,1-Dichloroethene-d2	4.02	63	147586	14.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.60%
20) 2-Butanone-d5	7.08	46	46587	48.41	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.82%
24) Chloroform-d	7.65	84	210171	20.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.84%
26) 1,2-Dichloroethane-d4	8.31	65	110523	22.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.00%
29) Benzene-d6	8.27	84	422089	20.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.96%
33) 1,2-Dichloropropane-d6	9.27	67	111921	20.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.60%
37) Toluene-d8	10.32	98	414566	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.52%
38) trans-1,3-Dichloropropene-	10.58	79	51099	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.56%
39) 2-Hexanone-d5	10.93	63	41840	56.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99084	23.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	163107	22.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.36%

Target Compounds

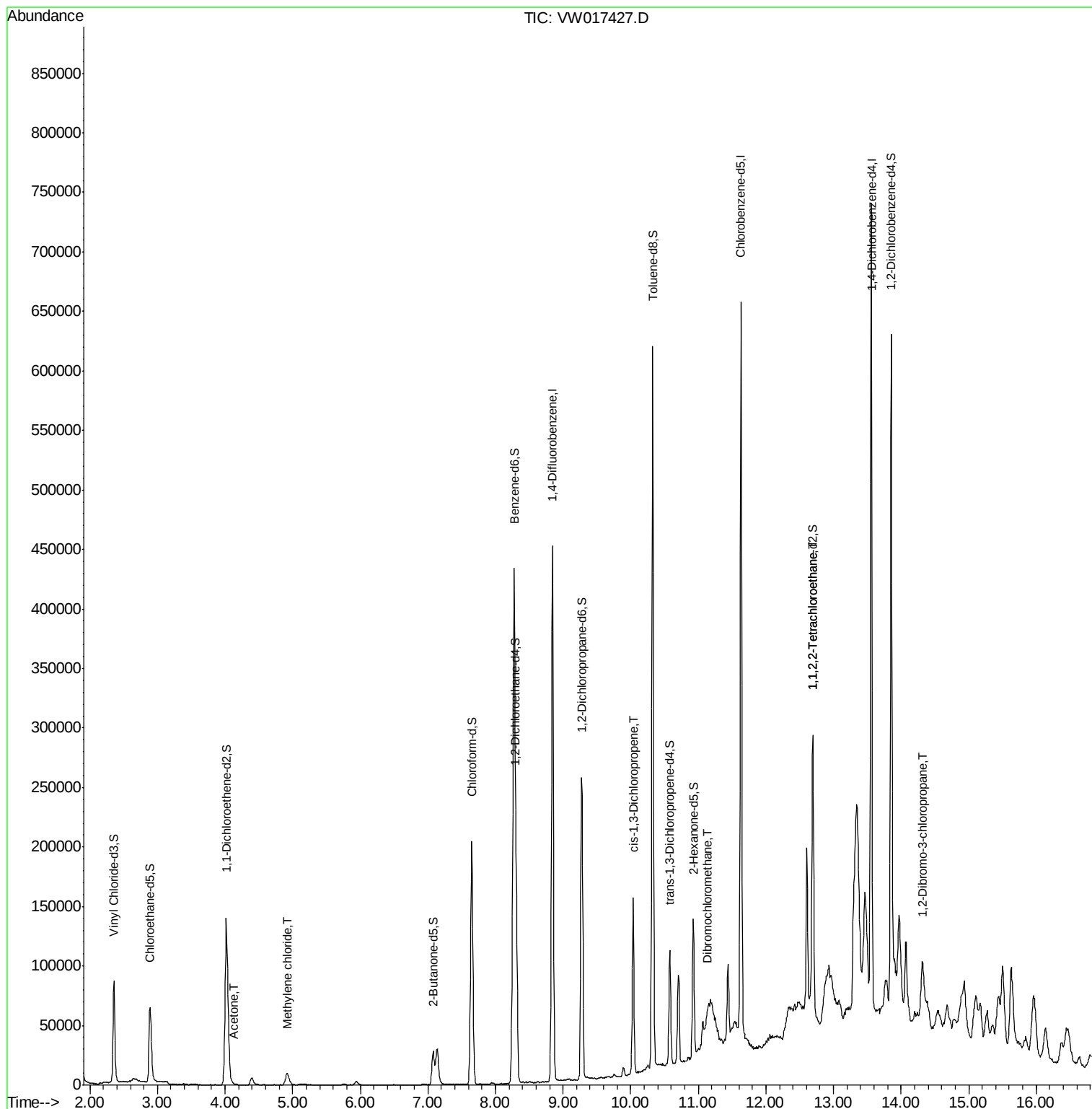
					Qvalue
13) Acetone	4.14	43	704	1.003 ug/L	71
16) Methylene chloride	4.92	84	8818	1.303 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	4540	0.627 ug/L #	62
50) Dibromochloromethane	11.13	129	1305	0.277 ug/L #	45
58) 1,1,2,2-Tetrachloroethane	12.69	83	3001	0.753 ug/L #	64
66) 1,2-Dibromo-3-chloropropan	14.31	75	2440	3.995 ug/L #	1

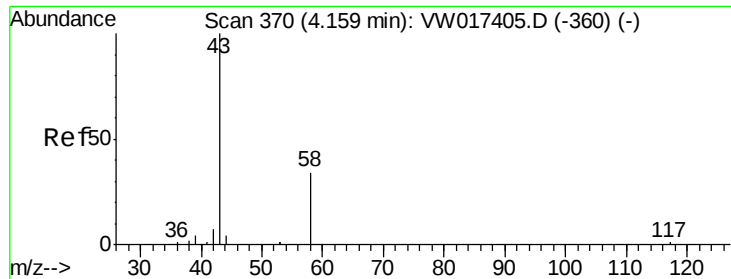
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017427.D
Acq On : 20 Nov 2020 19:06
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK14

Quant Time: Nov 21 00:34:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.003 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW017427.D

Acq: 20 Nov 2020 19:06

Instrument :

MSVOA_W

ClientSampleId :

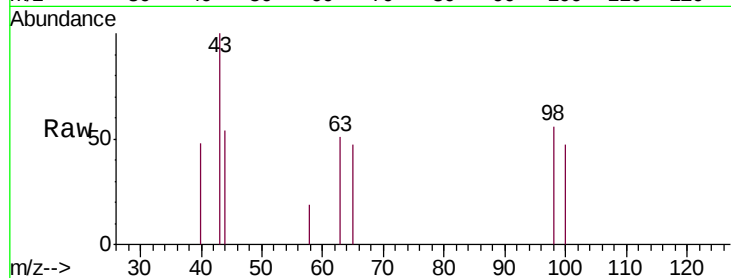
VIBLK14

Tgt Ion: 43 Resp: 704

Ion Ratio Lower Upper

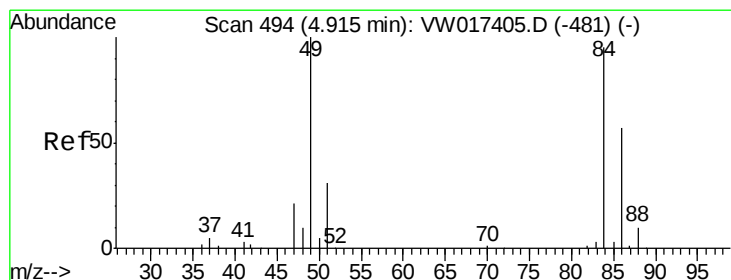
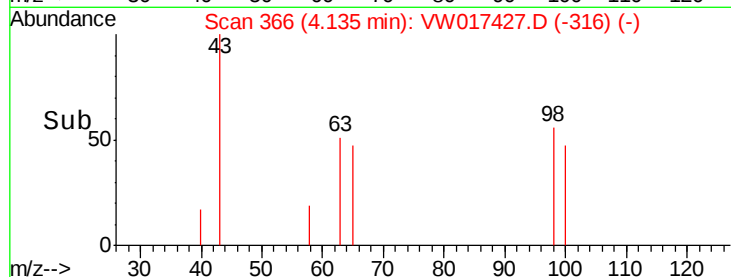
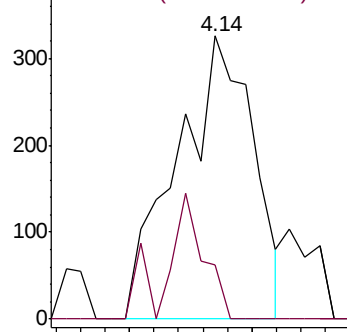
43 100

58 17.2 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.303 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017427.D

Acq: 20 Nov 2020 19:06

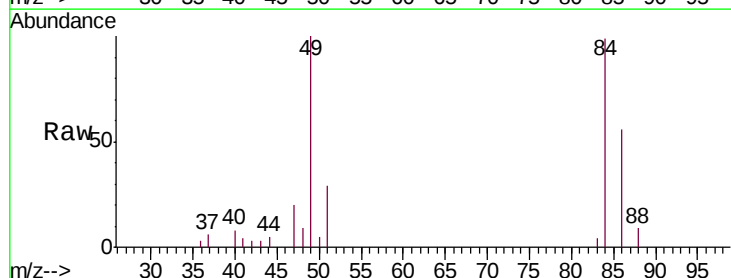
Tgt Ion: 84 Resp: 8818

Ion Ratio Lower Upper

84 100

49 101.1 71.5 132.9

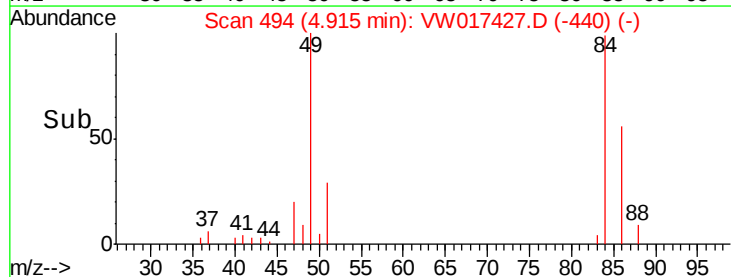
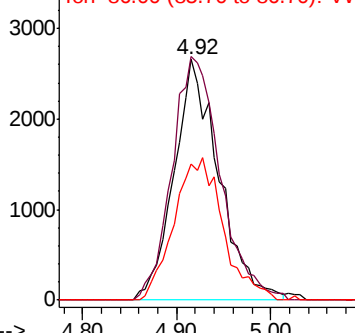
86 56.7 42.8 79.4

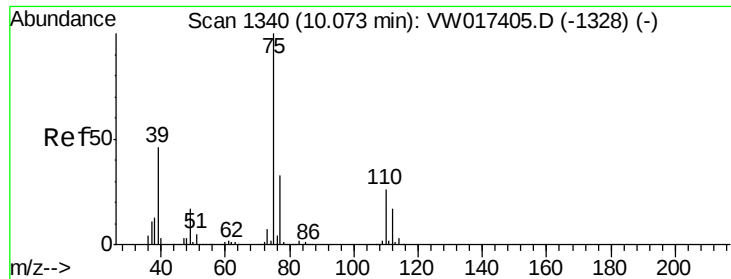


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.627 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017427.D

Acq: 20 Nov 2020 19:06

Instrument :

MSVOA_W

ClientSampled :

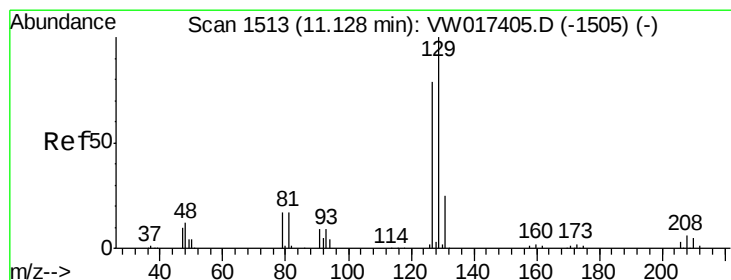
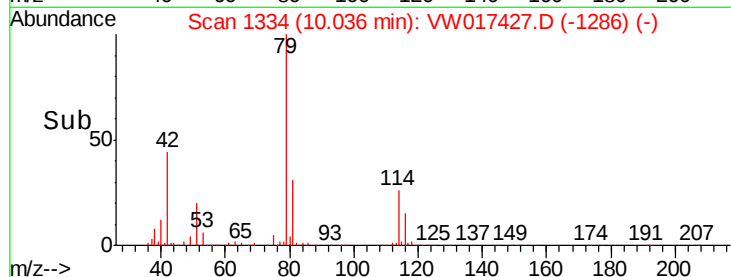
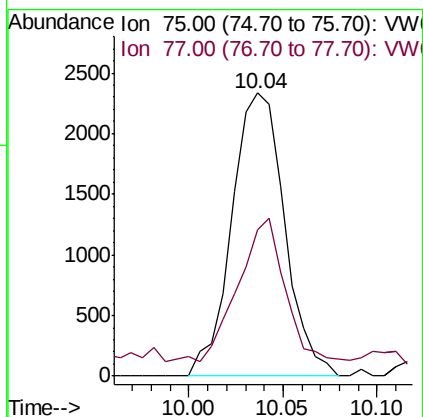
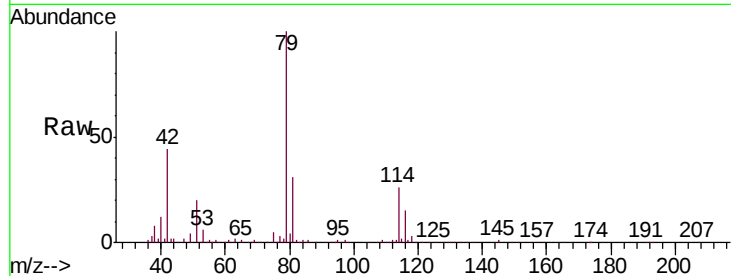
VIBLK14

Tgt Ion: 75 Resp: 4540

Ion Ratio Lower Upper

75 100

77 51.9 21.8 40.4#



#50

Dibromochloromethane

Concen: 0.277 ug/L

RT: 11.13 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VW017427.D

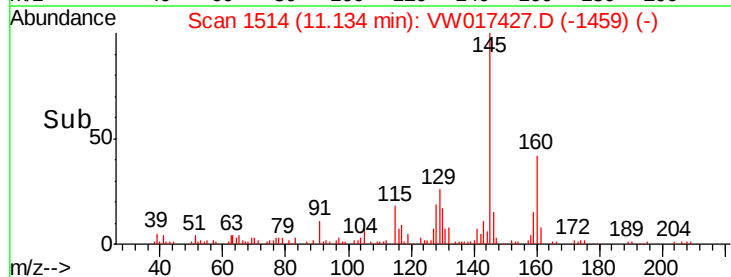
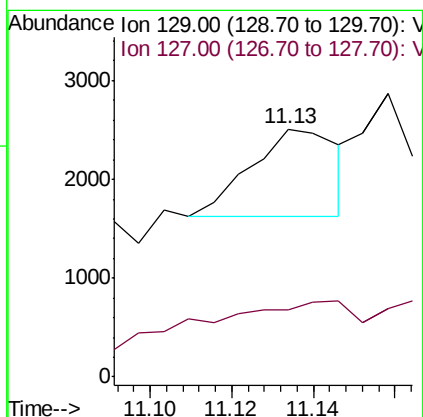
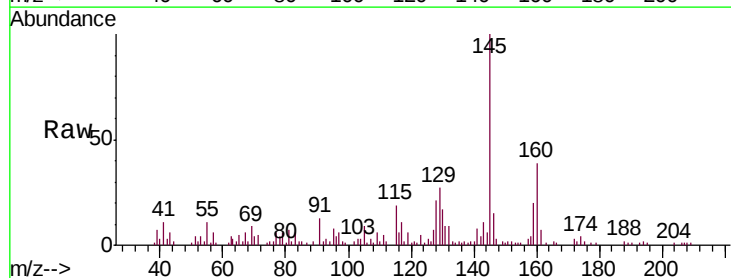
Acq: 20 Nov 2020 19:06

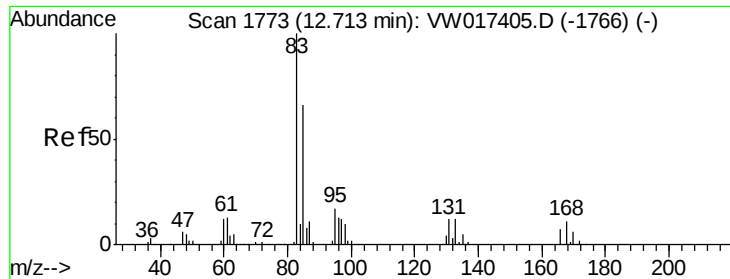
Tgt Ion: 129 Resp: 1305

Ion Ratio Lower Upper

129 100

127 27.1 51.8 96.2#

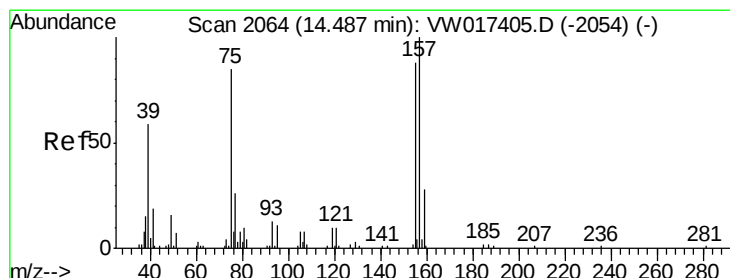
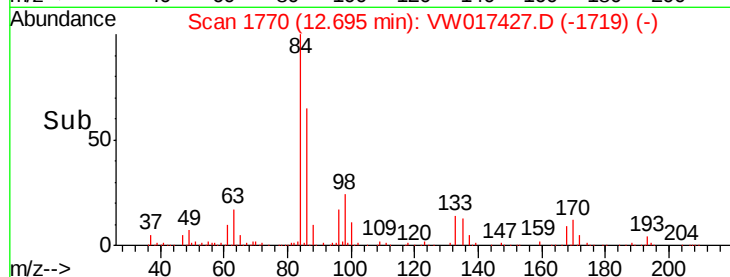
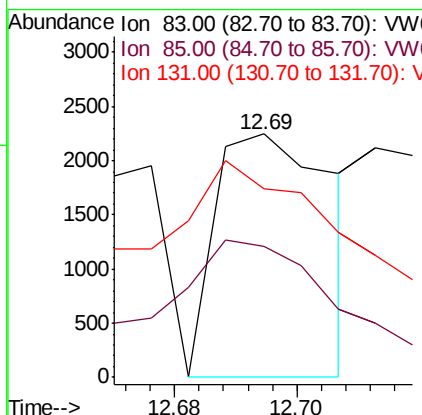
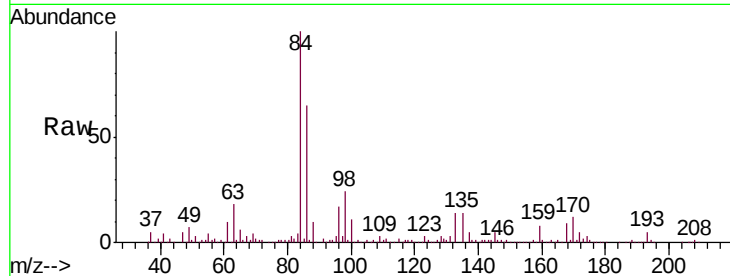




#58
 1,1,2,2-Tetrachloroethane
 Concen: 0.753 ug/L
 RT: 12.69 min Scan# 1770
 Delta R.T. -0.02 min
 Lab File: VW017427.D
 Acq: 20 Nov 2020 19:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK14

Tgt Ion: 83 Resp: 3001
 Ion Ratio Lower Upper
 83 100
 85 53.6 44.2 82.0
 131 77.3 8.7 13.1#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.995 ug/L
 RT: 14.31 min Scan# 2035
 Delta R.T. -0.18 min
 Lab File: VW017427.D
 Acq: 20 Nov 2020 19:06

Tgt Ion: 75 Resp: 2440
 Ion Ratio Lower Upper
 75 100
 157 276.1 106.7 160.1#
 155 428.7 70.6 106.0#

