

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
 Data File : VW017008.D
 Acq On : 28 Oct 2020 12:59
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 29 08:08:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 08:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	507381	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	475213	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	229963	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118368	20.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.88%
7) Chloroethane-d5	2.89	69	97533	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.00%
10) 1,1-Dichloroethene-d2	4.02	63	180947	15.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.56%
20) 2-Butanone-d5	7.08	46	74054	67.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.26%
24) Chloroform-d	7.65	84	278597	23.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	8.40	65	103	0.02	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	566541	23.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.84%
33) 1,2-Dichloropropane-d6	9.27	67	161092	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.80%
37) Toluene-d8	10.33	98	524955	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.36%
38) trans-1,3-Dichloropropene-	10.58	79	70501	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.84%
39) 2-Hexanone-d5	10.93	63	61327	66.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144415	28.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	203872	25.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.88%

Target Compounds

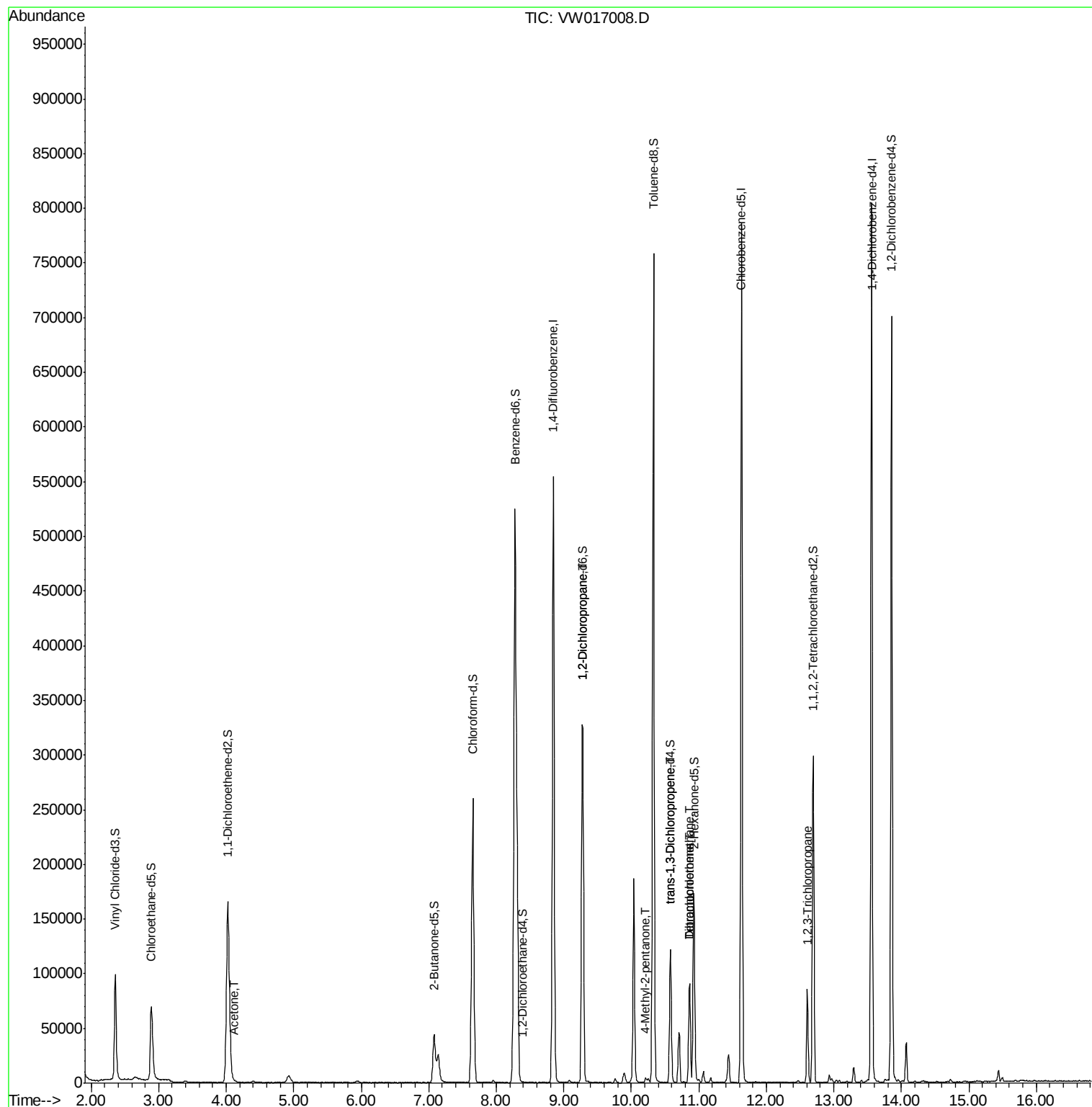
					Ovalue
13) Acetone	4.12	43	591	0.796 ug/L	41
40) 1,2-Dichloropropane	9.27	63	17432	2.973 ug/L #	84
43) 4-Methyl-2-pentanone	10.21	43	3227	1.161 ug/L	98
45) trans-1,3-Dichloropropene	10.59	75	3021	0.398 ug/L	91
47) Tetrachloroethene	10.87	164	22283	3.332 ug/L	95
50) Dibromochloromethane	10.86	129	20279	3.547 ug/L #	10
59) 1,2,3-Trichloropropane	12.61	75	749	0.208 ug/L	93

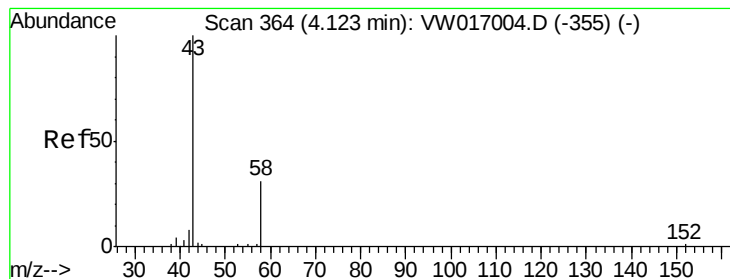
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102820\
Data File : VW017008.D
Acq On : 28 Oct 2020 12:59
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 29 08:08:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 29 08:01:00 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.796 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW017008.D

Acq: 28 Oct 2020 12:59

Instrument :

MSVOA_W

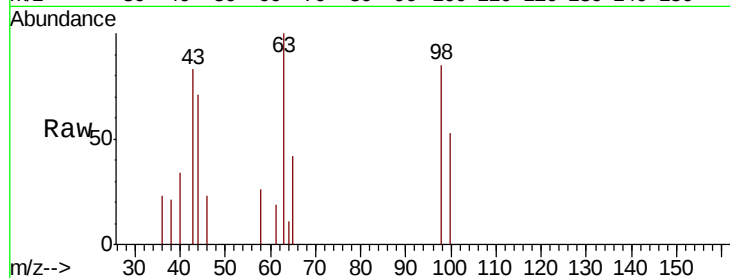
ClientSampled :

Tot Ion: 43 Resp: 591

Ion Ratio Lower Upper

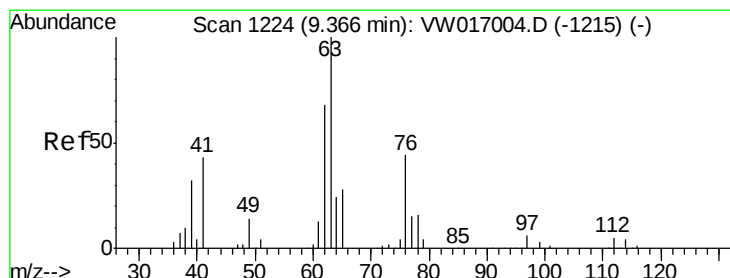
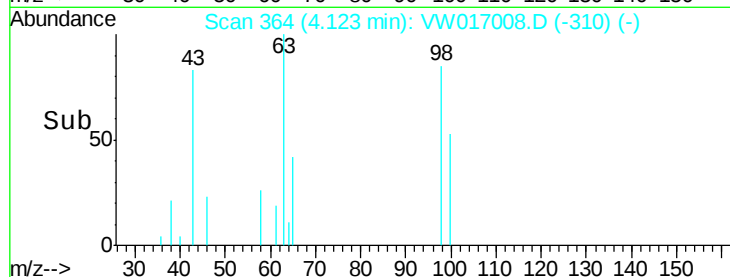
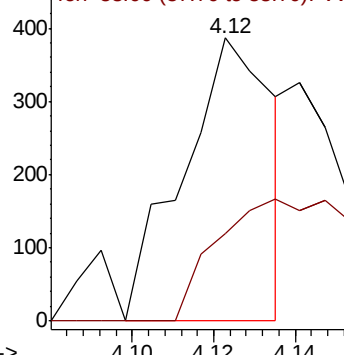
43 100

58 69.2 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#40

1,2-Dichloropropane

Concen: 2.973 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW017008.D

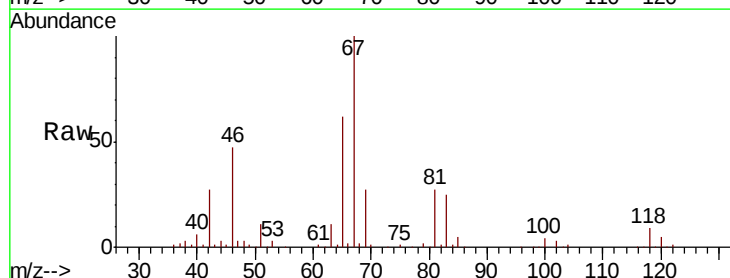
Acq: 28 Oct 2020 12:59

Tgt Ion: 63 Resp: 17432

Ion Ratio Lower Upper

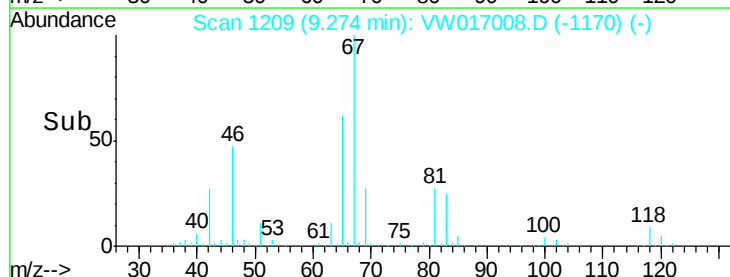
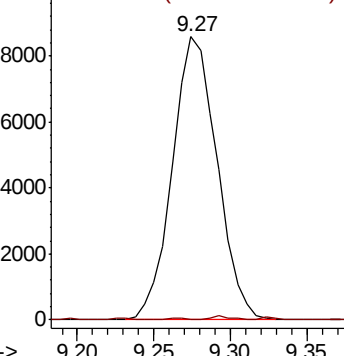
63 100

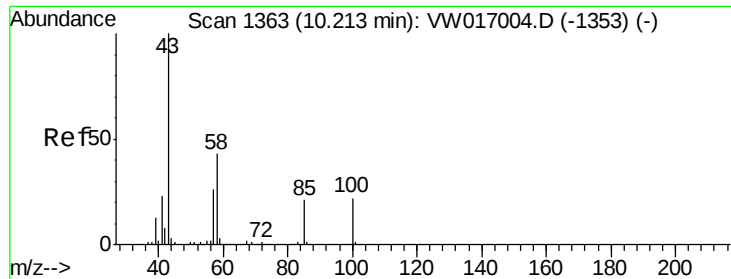
112 0.2 4.5 6.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#43

4-Methyl-2-pentanone

Concen: 1.161 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017008.D

Acq: 28 Oct 2020 12:59

Instrument :

MSVOA_W

ClientSampleId :

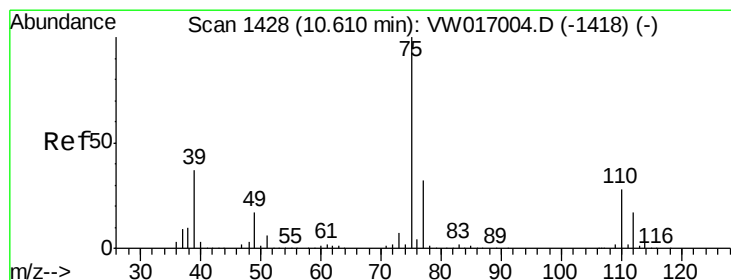
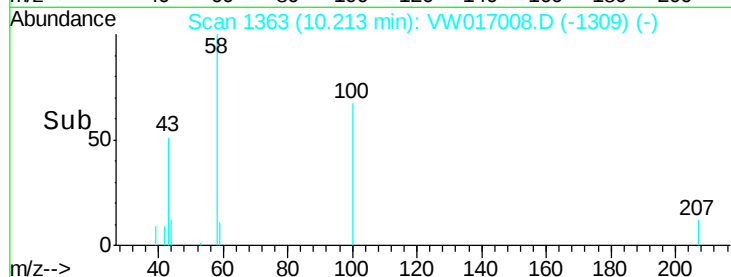
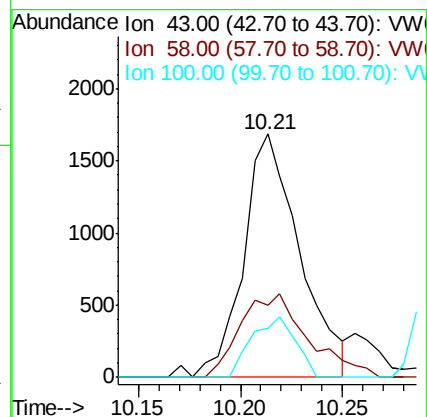
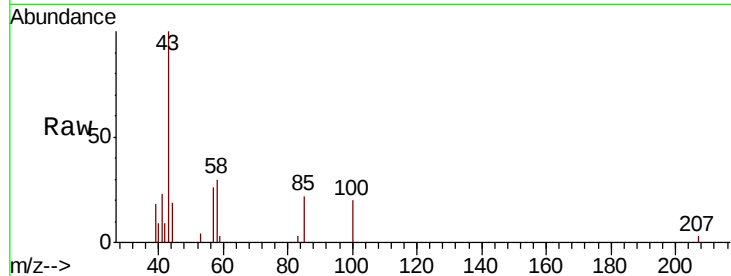
Tot Ion: 43 Resp: 3227

Ion Ratio Lower Upper

43 100

58 41.3 34.4 51.6

100 19.3 16.2 24.2



#45

trans-1,3-Dichloropropene

Concen: 0.398 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017008.D

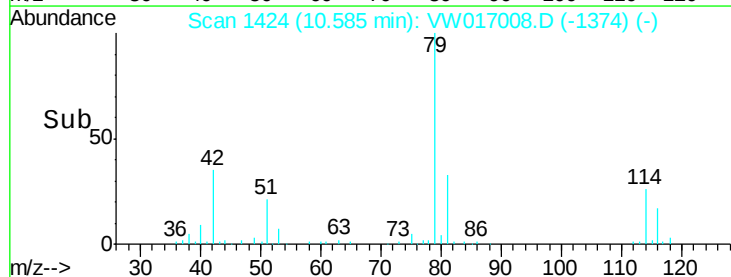
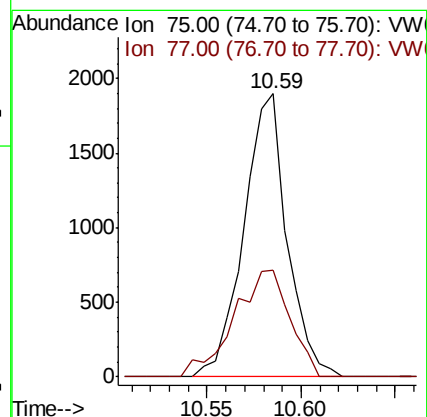
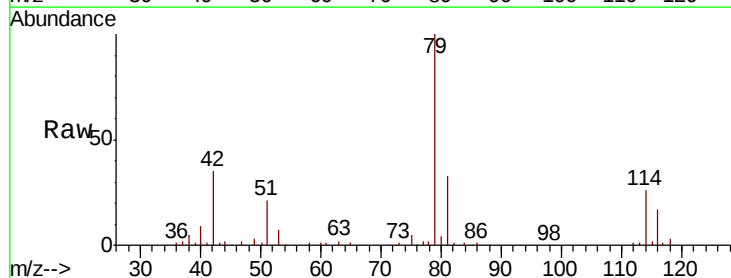
Acq: 28 Oct 2020 12:59

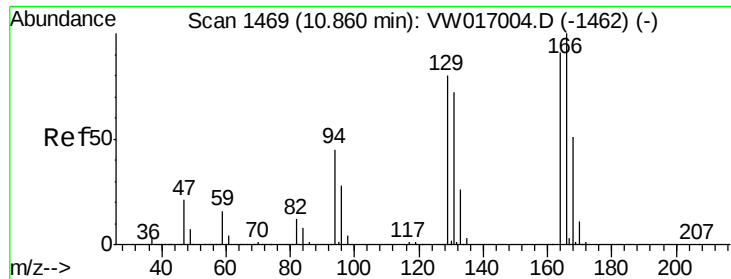
Tgt Ion: 75 Resp: 3021

Ion Ratio Lower Upper

75 100

77 37.6 22.7 42.3





#47

Tetrachloroethene

Concen: 3.332 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW017008.D

Acq: 28 Oct 2020 12:59

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:164 Resp: 22283

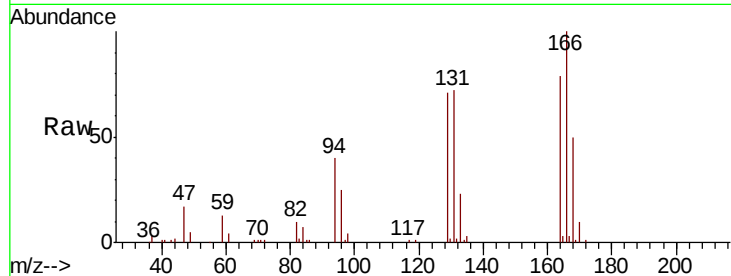
Ion Ratio Lower Upper

164 100

129 88.8 64.0 119.0

131 90.3 61.7 114.5

166 125.9 94.6 175.8

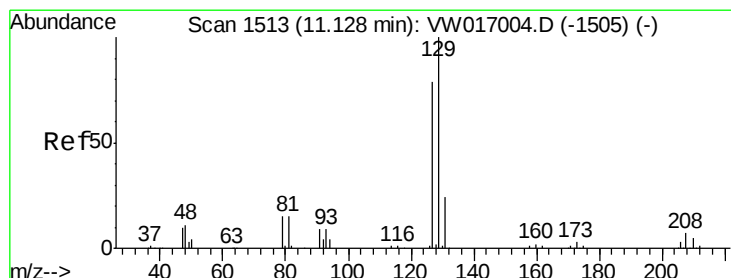
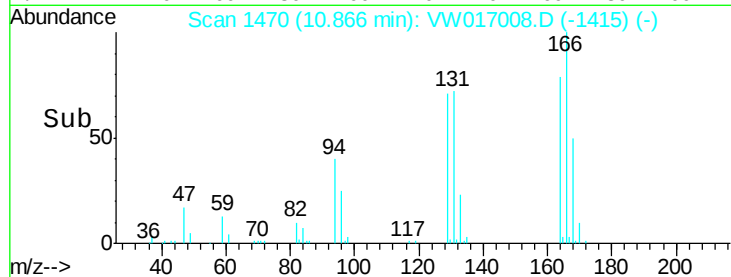
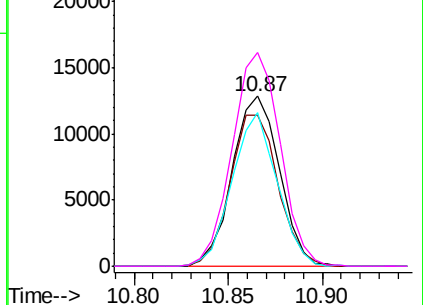


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.547 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW017008.D

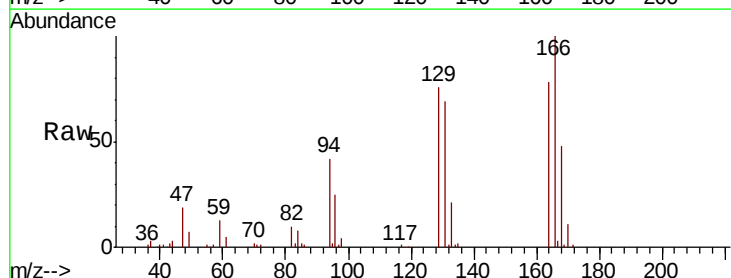
Acq: 28 Oct 2020 12:59

Tgt Ion:129 Resp: 20279

Ion Ratio Lower Upper

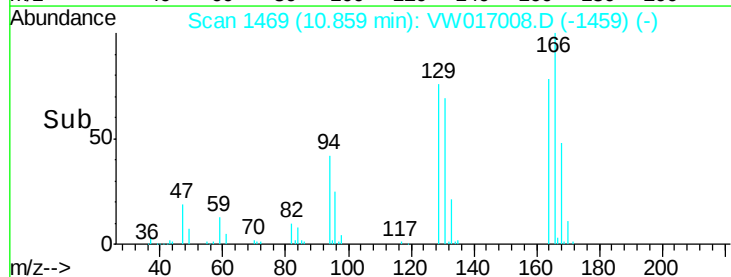
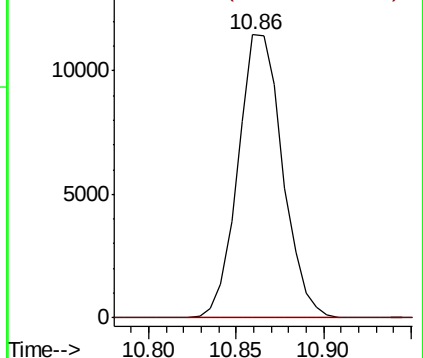
129 100

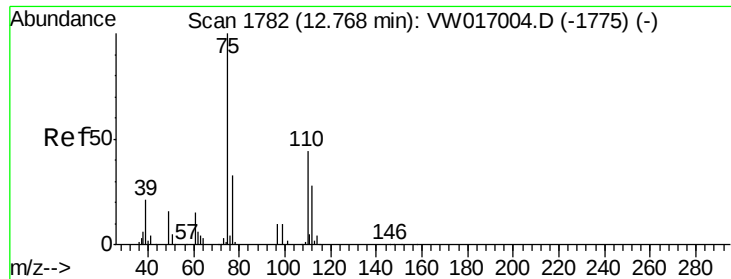
127 0.0 55.4 102.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 0.208 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW017008.D

Acq: 28 Oct 2020 12:59

Instrument :

MSVOA_W

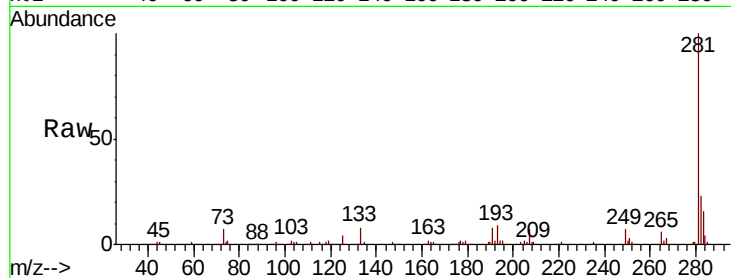
ClientSampleId :

Tot Ion: 75 Resp: 749

Ion Ratio Lower Upper

75 100

77 28.3 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

