

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017070.D
 Acq On : 03 Nov 2020 19:28
 Operator : SY/VA
 Sample : L4615-08
 Misc : 6.18G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG480

Quant Time: Nov 04 04:13:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 04:03:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	447488	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	388691	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143401	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114955	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.04%
7) Chloroethane-d5	2.90	69	98591	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.56%
10) 1,1-Dichloroethene-d2	4.02	63	163197	16.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.00%
20) 2-Butanone-d5	7.08	46	52577	54.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.08%
24) Chloroform-d	7.65	84	246986	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	8.31	65	120507	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.24%
29) Benzene-d6	8.28	84	500778	25.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.32%
33) 1,2-Dichloropropane-d6	9.28	67	140828	26.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.52%
37) Toluene-d8	10.33	98	456019	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.04%
38) trans-1,3-Dichloropropene-	10.58	79	50827	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.88%
39) 2-Hexanone-d5	10.93	63	44405	58.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.36%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	106314	25.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	126804	25.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.64%

Target Compounds

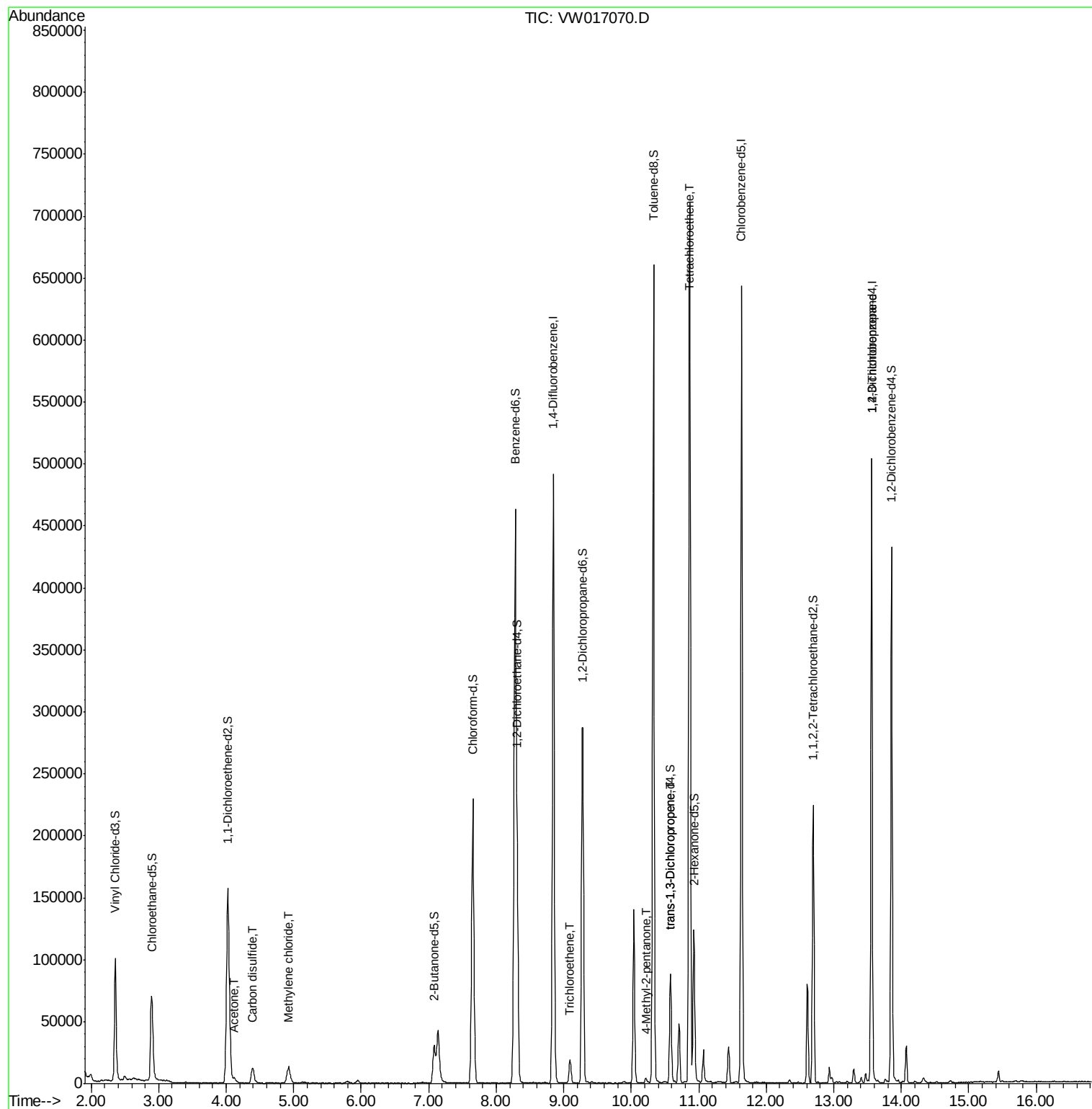
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	5760	8.799	ug/L	66
14) Carbon disulfide	4.39	76	23960	1.349	ug/L	96
16) Methylene chloride	4.91	84	4894	0.827	ug/L	80
35) Trichloroethene	9.09	95	5822	0.979	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	3024	1.330	ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	2352	0.379	ug/L #	67
47) Tetrachloroethene	10.87	164	169897	31.058	ug/L	93
59) 1,2,3-Trichloropropane	13.56	75	14490	4.915	ug/L	93

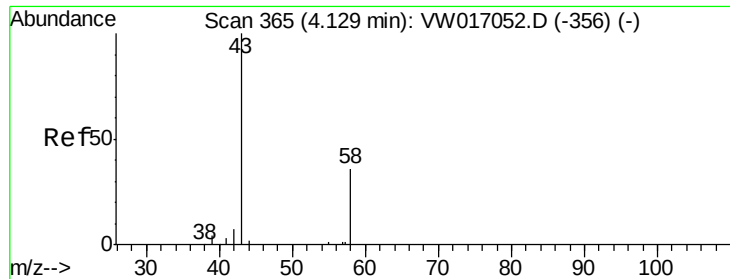
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110320\
Data File : VW017070.D
Acq On : 03 Nov 2020 19:28
Operator : SY/VA
Sample : L4615-08
Misc : 6.18G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG480

Quant Time: Nov 04 04:13:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 04:03:33 2020
Response via : Initial Calibration





#13

Acetone

Concen: 8.799 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017070.D

Acq: 03 Nov 2020 19:28

Instrument :

MSVOA_W

ClientSampleId :

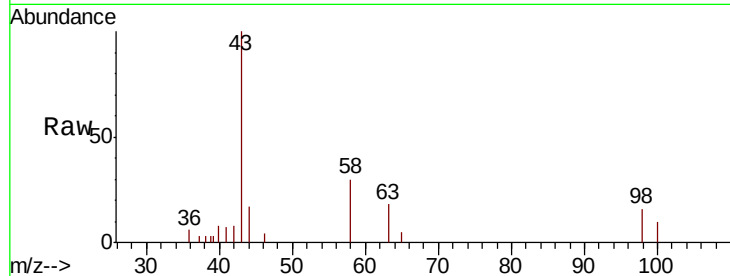
BG480

Tot Ion: 43 Resp: 5760

Ion Ratio Lower Upper

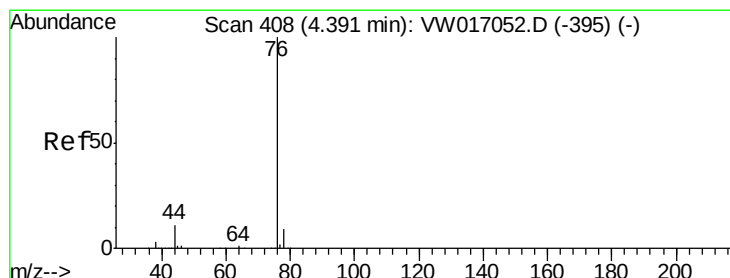
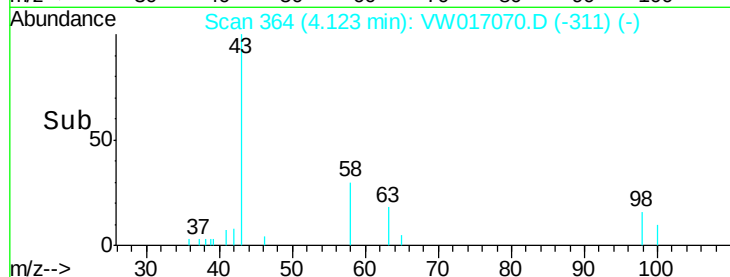
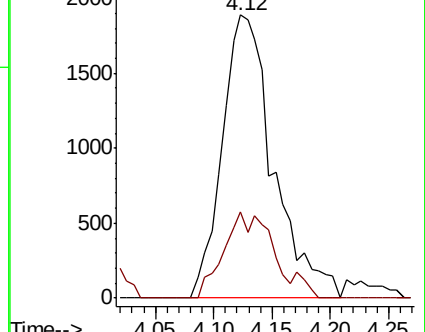
43 100

58 15.1 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 1.349 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW017070.D

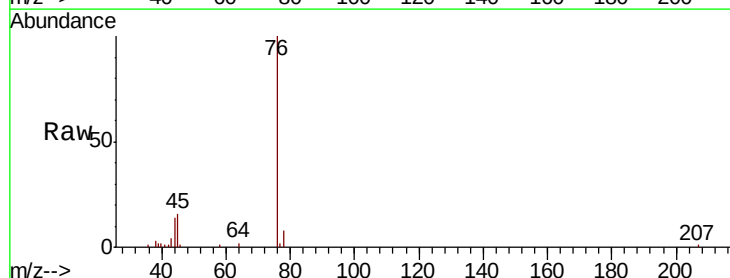
Acq: 03 Nov 2020 19:28

Tgt Ion: 76 Resp: 23960

Ion Ratio Lower Upper

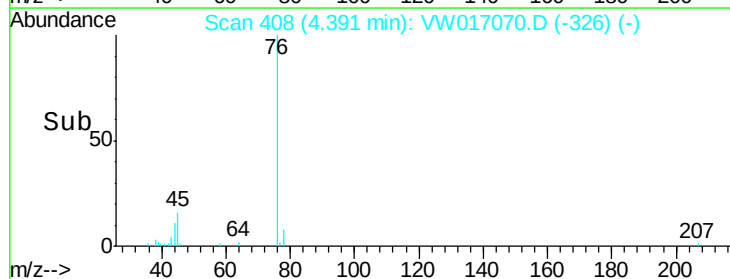
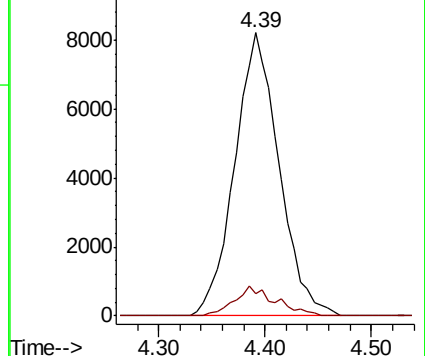
76 100

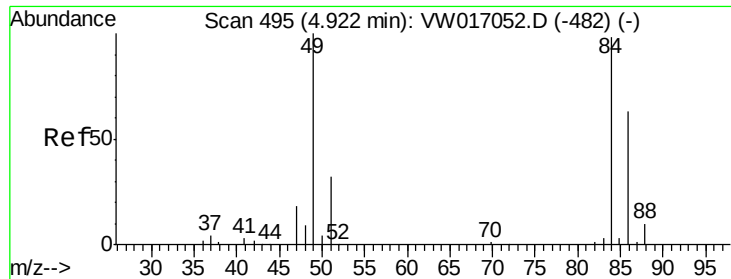
78 7.8 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

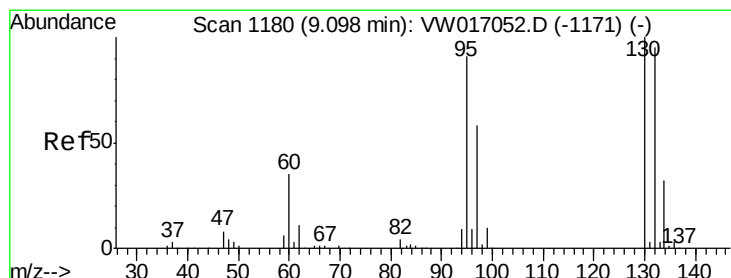
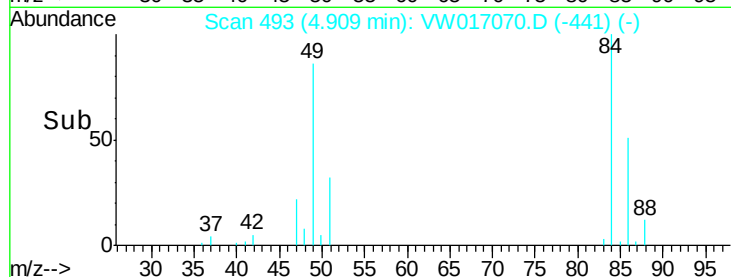
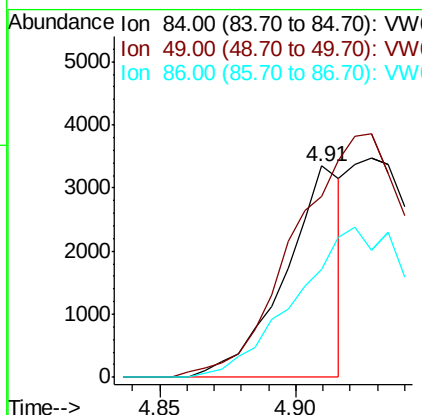
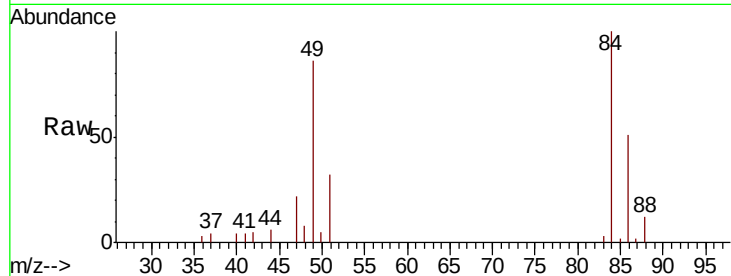




#16
Methvlene chloride
Concen: 0.827 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW017070.D
Acq: 03 Nov 2020 19:28

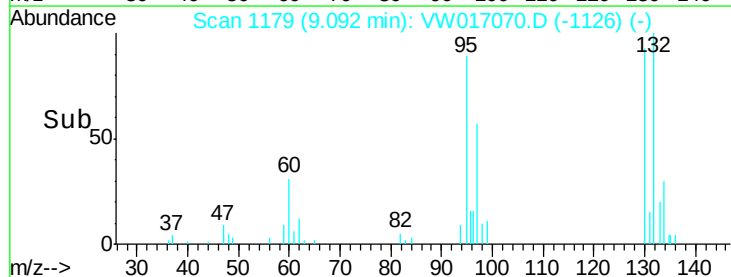
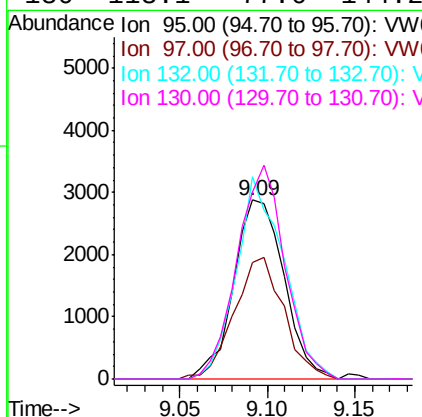
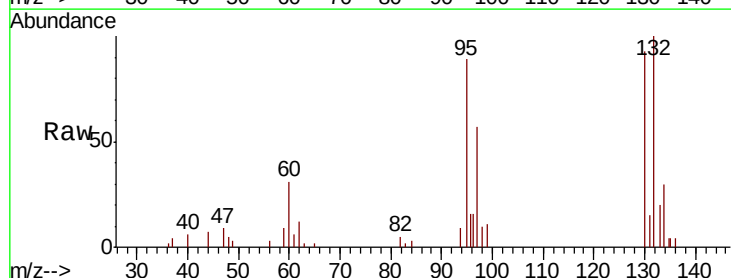
Instrument :
MSVOA_W
ClientSampleId :
BG480

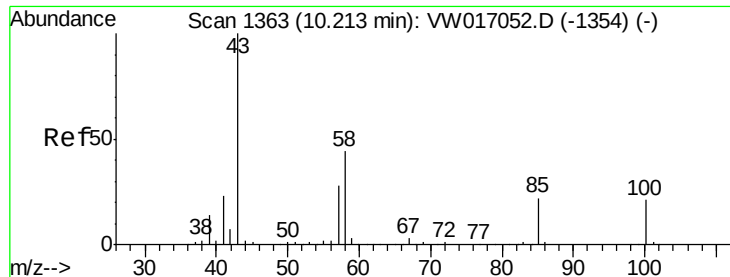
Tot Ion: 84 Resp: 4894
Ion Ratio Lower Upper
84 100
49 85.6 73.8 137.0
86 50.9 47.4 88.0



#35
Trichloroethene
Concen: 0.979 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW017070.D
Acq: 03 Nov 2020 19:28

Tgt Ion: 95 Resp: 5822
Ion Ratio Lower Upper
95 100
97 66.6 46.0 85.4
132 106.3 73.9 137.3
130 113.1 77.6 144.2





#43

4-Methyl-2-pentanone

Concen: 1.330 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017070.D

Acq: 03 Nov 2020 19:28

Instrument :

MSVOA_W

ClientSampleId :

BG480

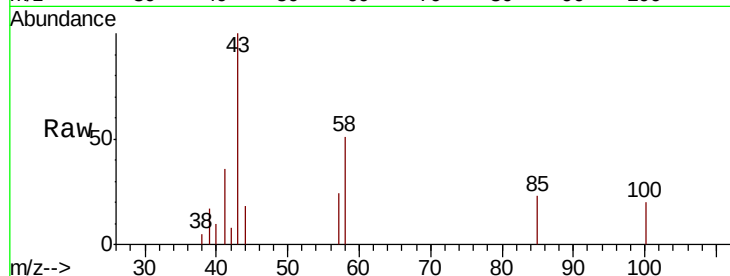
Tot Ion: 43 Resp: 3024

Ion Ratio Lower Upper

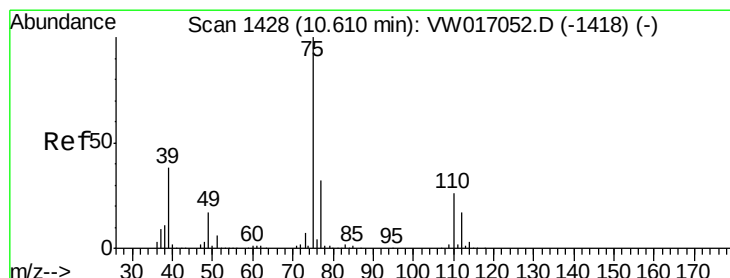
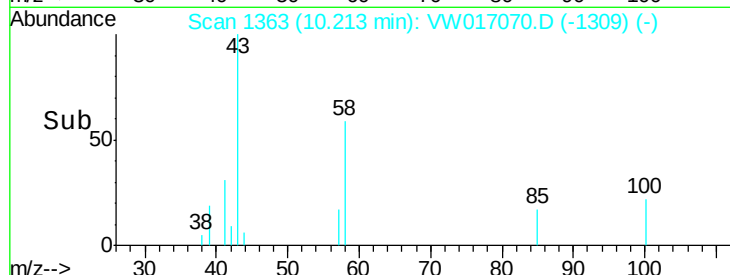
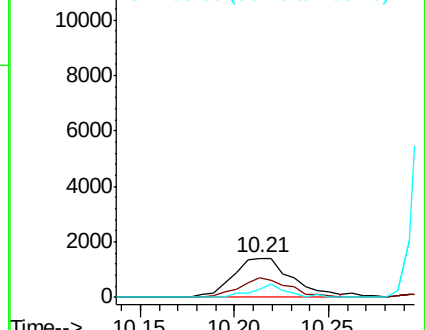
43 100

58 42.0 34.4 51.6

100 17.1 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 100.00 (99.70 to 100.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.379 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017070.D

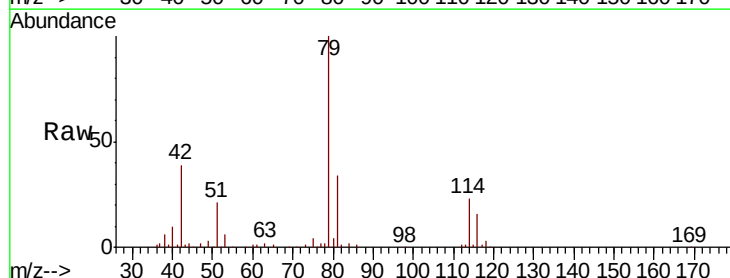
Acq: 03 Nov 2020 19:28

Tgt Ion: 75 Resp: 2352

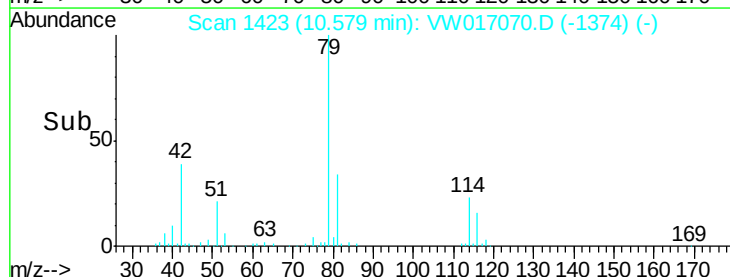
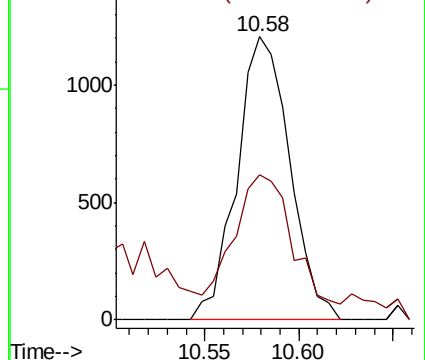
Ion Ratio Lower Upper

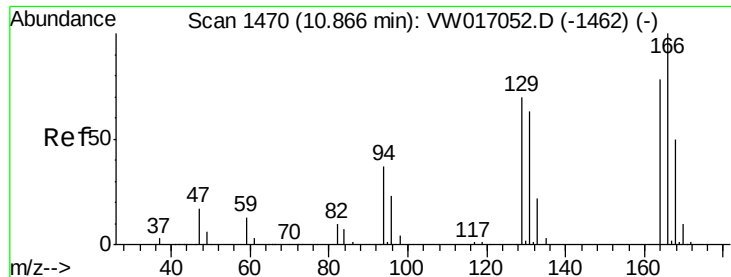
75 100

77 51.1 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 31.058 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW017070.D

Acq: 03 Nov 2020 19:28

Instrument :

MSVOA_W

ClientSampleId :

BG480

Tot Ion:164 Resp: 169897

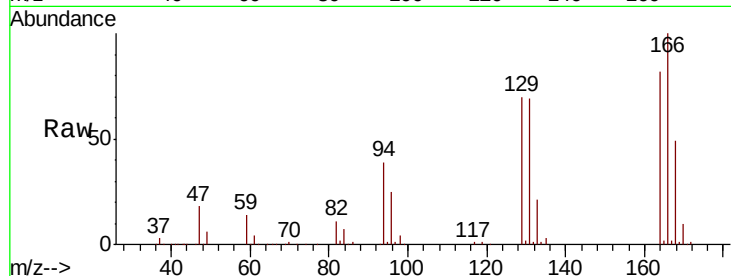
Ion Ratio Lower Upper

164 100

129 86.0 64.0 119.0

131 84.5 61.7 114.5

166 122.7 94.6 175.8

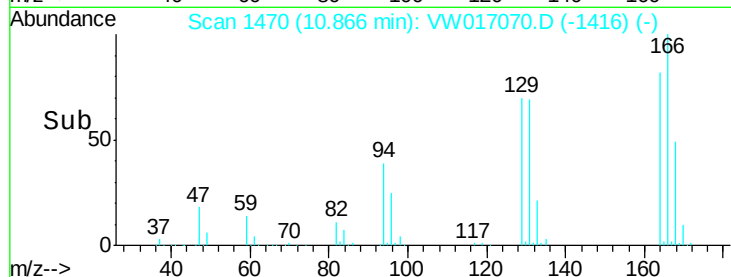


Abundance Ion 164.00 (163.70 to 164.70): V

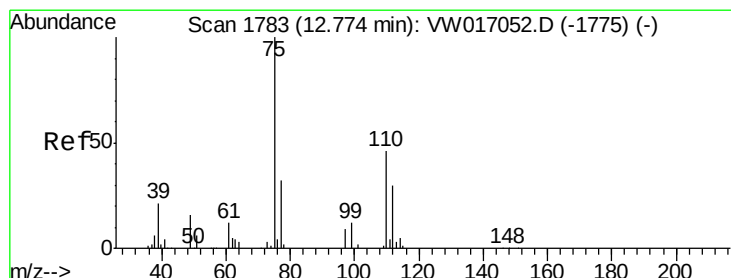
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Time-->



#59

1,2,3-Trichloropropane

Concen: 4.915 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017070.D

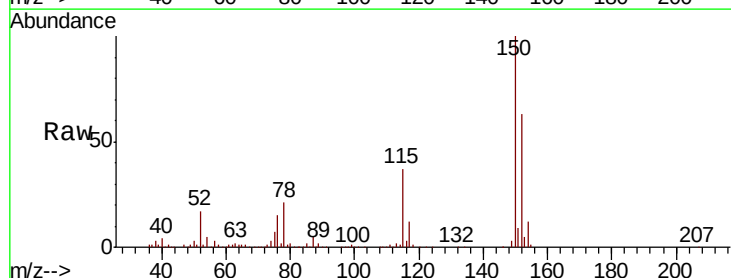
Acq: 03 Nov 2020 19:28

Tgt Ion: 75 Resp: 14490

Ion Ratio Lower Upper

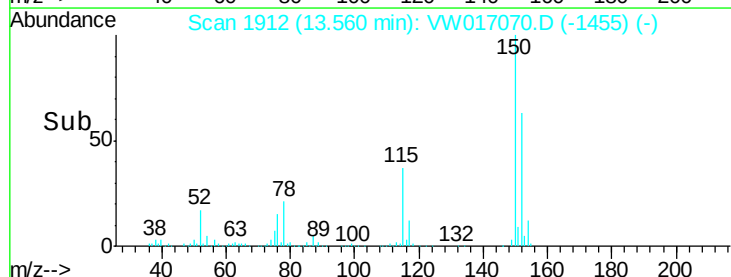
75 100

77 36.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->