

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017057.D
 Acq On : 03 Nov 2020 14:23
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK27

Quant Time: Nov 04 04:11:22 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	420938	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	382386	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	186468	25.00	ug/L	0.00

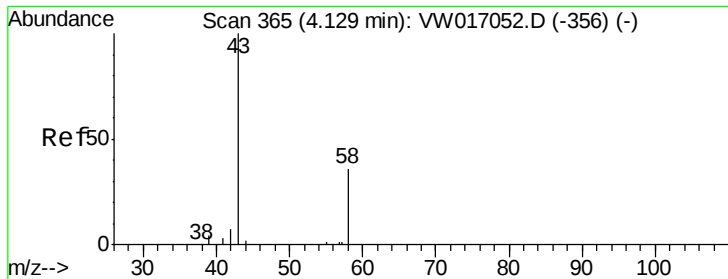
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	107542	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
7) Chloroethane-d5	2.89	69	95859	25.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.88%
10) 1,1-Dichloroethene-d2	4.02	63	169043	17.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.56%
20) 2-Butanone-d5	7.08	46	57392	62.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.42%
24) Chloroform-d	7.65	84	260846	26.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.48%
26) 1,2-Dichloroethane-d4	8.31	65	127180	27.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.32%
29) Benzene-d6	8.27	84	523615	26.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.64%
33) 1,2-Dichloropropane-d6	9.27	67	149069	28.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.48%
37) Toluene-d8	10.33	98	492174	26.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.44%
38) trans-1,3-Dichloropropene-	10.59	79	58859	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.64%
39) 2-Hexanone-d5	10.93	63	46818	62.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119159	29.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	186369	28.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.76%

Target Compounds

					Ovalue
13) Acetone	4.14	43	680	1.104 ug/L	80
14) Carbon disulfide	4.39	76	3673	0.220 ug/L #	91
16) Methylene chloride	4.92	84	13691	2.460 ug/L	97
40) 1,2-Dichloropropane	9.27	63	16137	3.421 ug/L #	84
43) 4-Methyl-2-pentanone	10.21	43	3836	1.715 ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	2685	0.439 ug/L #	70
47) Tetrachloroethene	10.87	164	7501	1.394 ug/L	93
50) Dibromochloromethane	10.87	129	6470	1.406 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	18892	6.513 ug/L	89

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



#13

Acetone

Concen: 1.104 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017057.D

Acq: 03 Nov 2020 14:23

Instrument :

MSVOA_W

ClientSampleId :

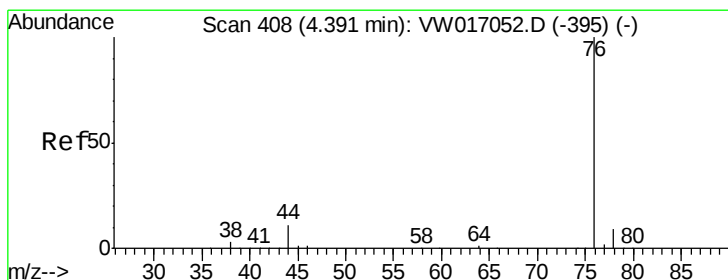
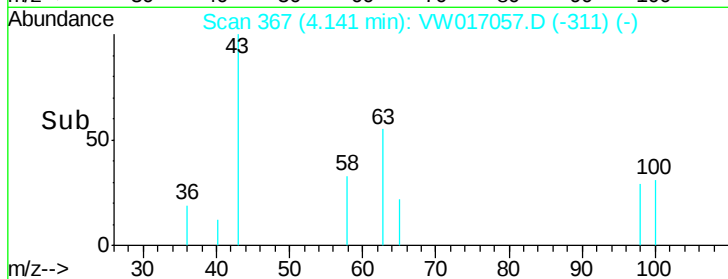
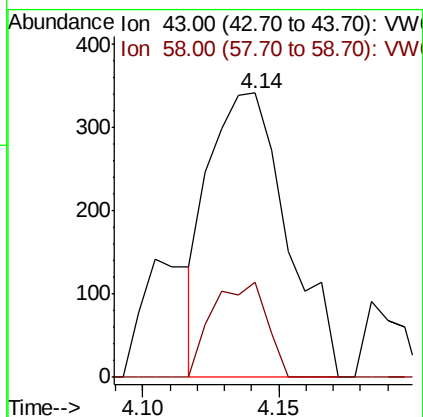
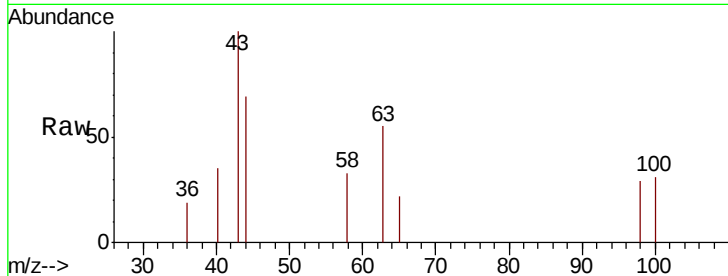
VIBLK27

Tot Ion: 43 Resp: 680

Ion Ratio Lower Upper

43 100

58 23.1 0.0 69.8



#14

Carbon disulfide

Concen: 0.220 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW017057.D

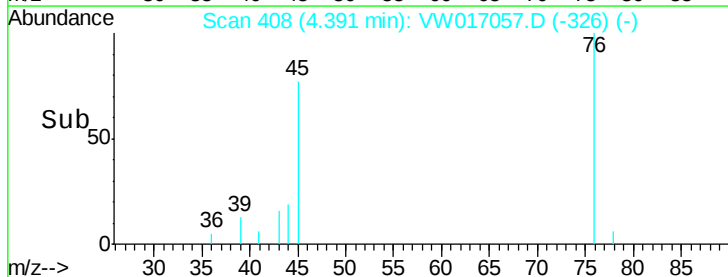
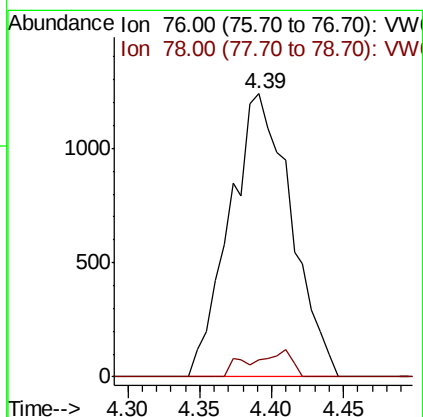
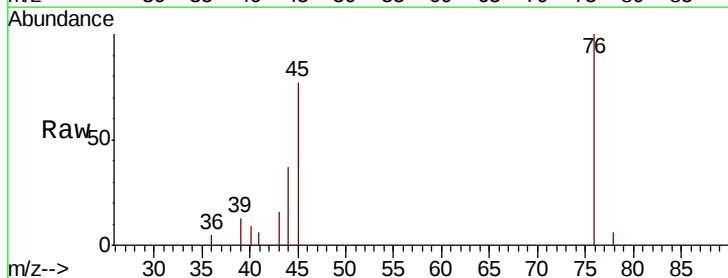
Acq: 03 Nov 2020 14:23

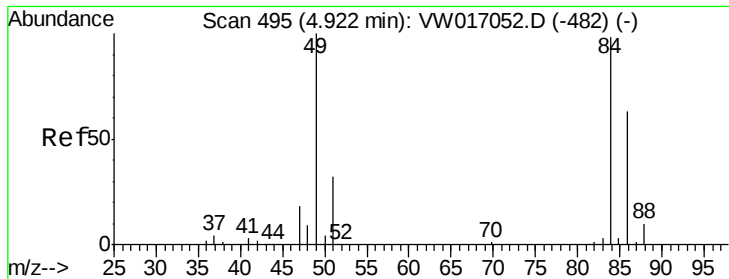
Tgt Ion: 76 Resp: 3673

Ion Ratio Lower Upper

76 100

78 5.9 7.3 10.9#

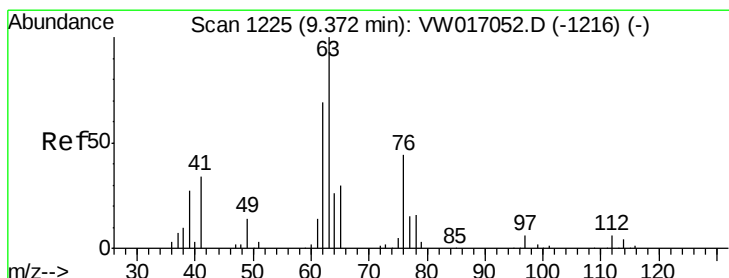
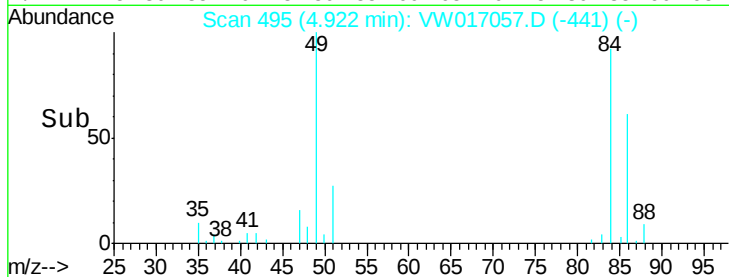
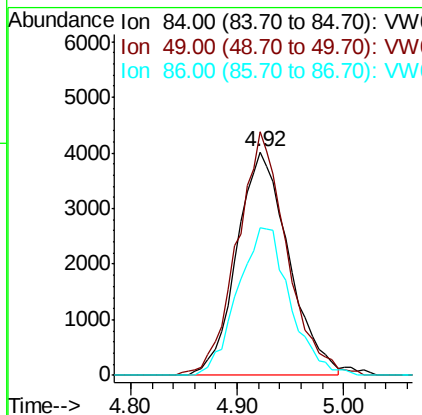
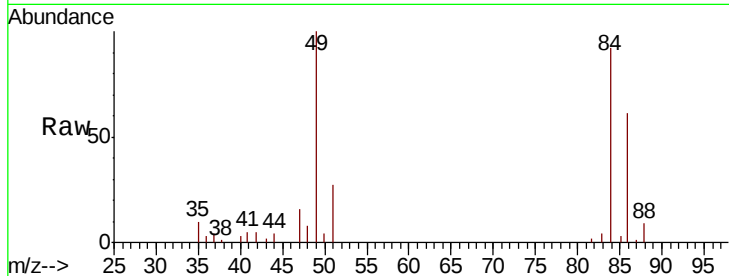




#16
Methvlene chloride
Concen: 2.460 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017057.D
Acq: 03 Nov 2020 14:23

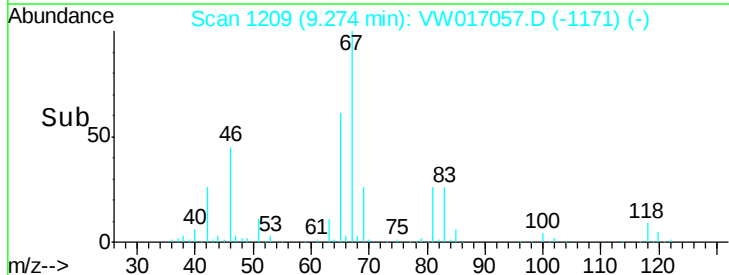
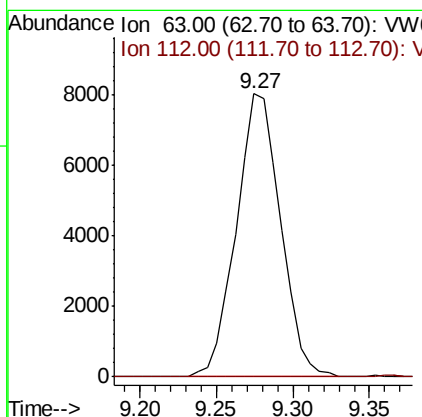
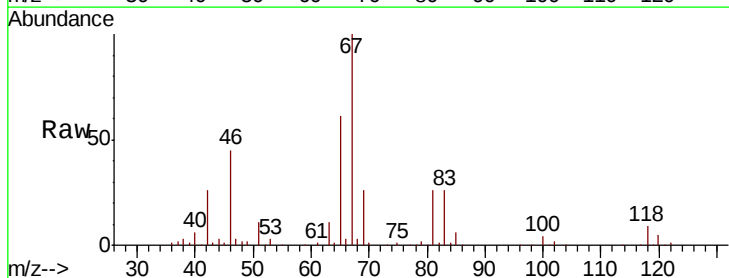
Instrument :
MSVOA_W
ClientSampleId :
VIBLK27

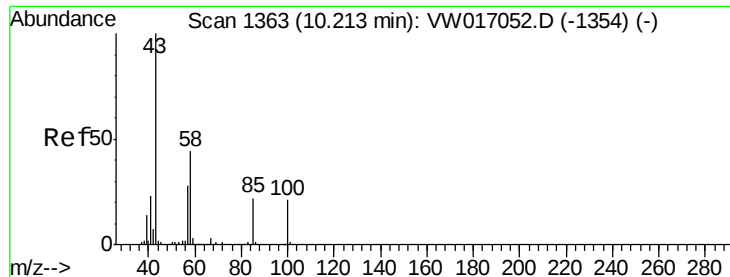
Tot Ion: 84 Resp: 13691
Ion Ratio Lower Upper
84 100
49 108.8 73.8 137.0
86 66.0 47.4 88.0



#40
1,2-Dichloropropane
Concen: 3.421 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW017057.D
Acq: 03 Nov 2020 14:23

Tgt Ion: 63 Resp: 16137
Ion Ratio Lower Upper
63 100
112 0.3 4.5 6.7#





#43

4-Methyl-2-pentanone

Concen: 1.715 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017057.D

Acq: 03 Nov 2020 14:23

Instrument :

MSVOA_W

ClientSampleId :

VIBLK27

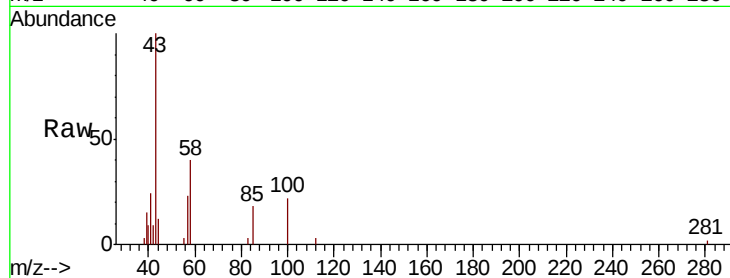
Tot Ion: 43 Resp: 3836

Ion Ratio Lower Upper

43 100

58 43.8 34.4 51.6

100 18.0 16.2 24.2



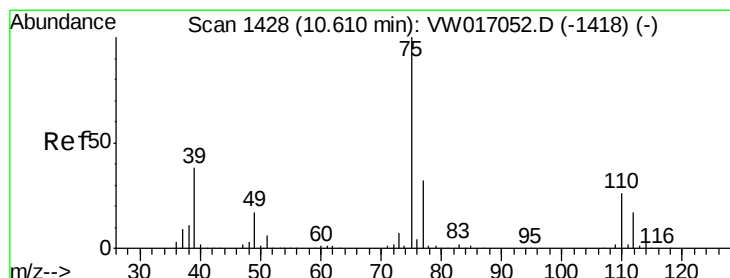
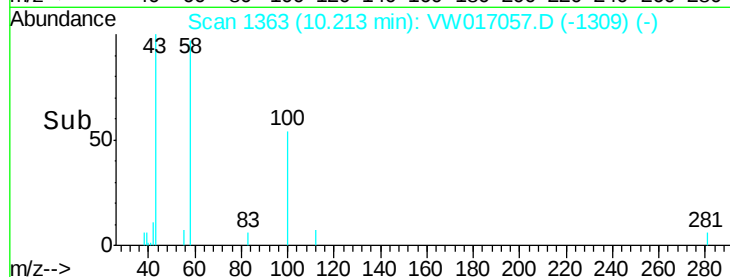
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.21

Time-->



#45

trans-1,3-Dichloropropene

Concen: 0.439 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017057.D

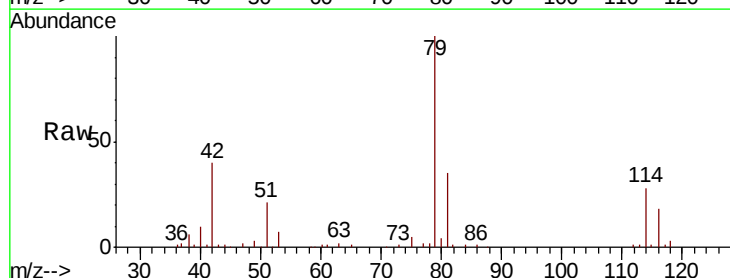
Acq: 03 Nov 2020 14:23

Tgt Ion: 75 Resp: 2685

Ion Ratio Lower Upper

75 100

77 49.3 22.7 42.3#

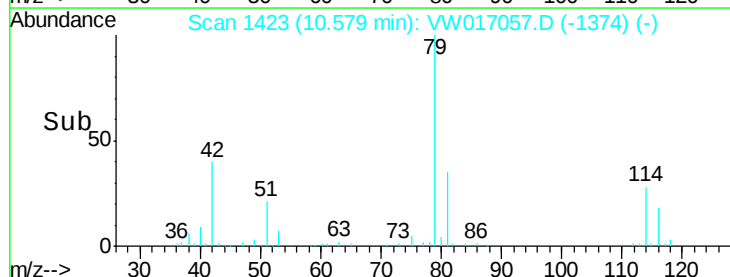


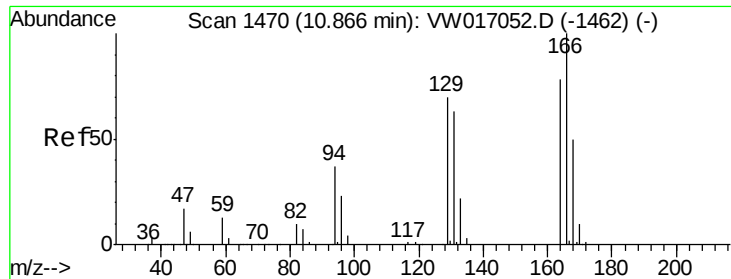
Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.58

Time-->





#47

Tetrachloroethene

Concen: 1.394 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW017057.D

Acq: 03 Nov 2020 14:23

Instrument :

MSVOA_W

ClientSampleId :

VIBLK27

Tot Ion:164 Resp: 7501

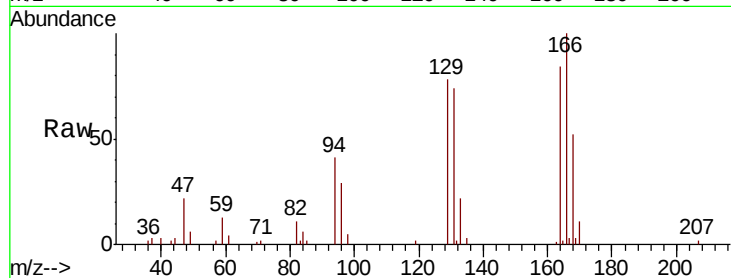
Ion Ratio Lower Upper

164 100

129 93.4 64.0 119.0

131 88.6 61.7 114.5

166 119.1 94.6 175.8

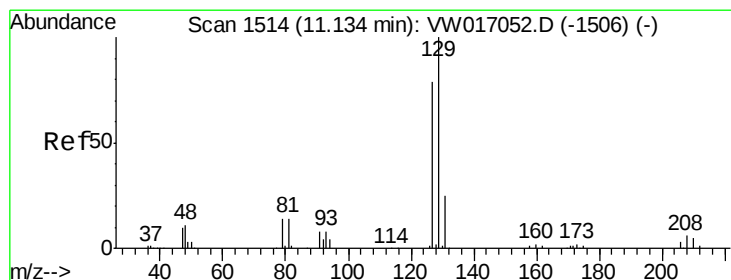
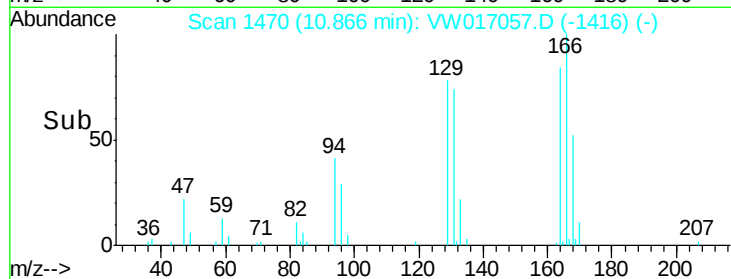
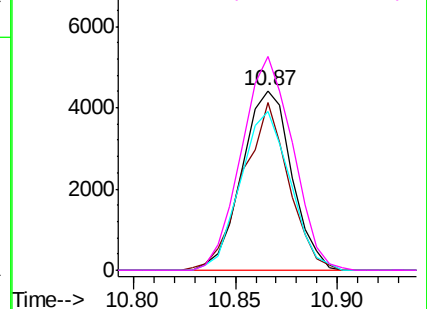


Abundance Ion 164.00 (163.70 to 164.70): V

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: 1.406 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW017057.D

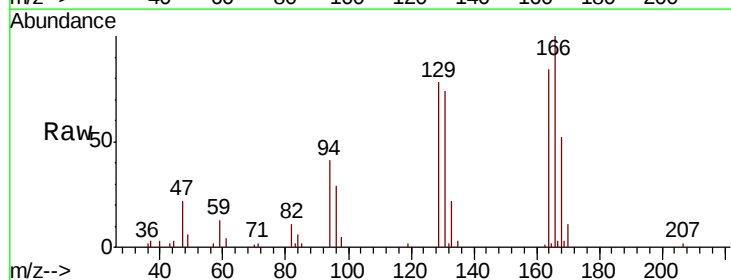
Acq: 03 Nov 2020 14:23

Tgt Ion:129 Resp: 6470

Ion Ratio Lower Upper

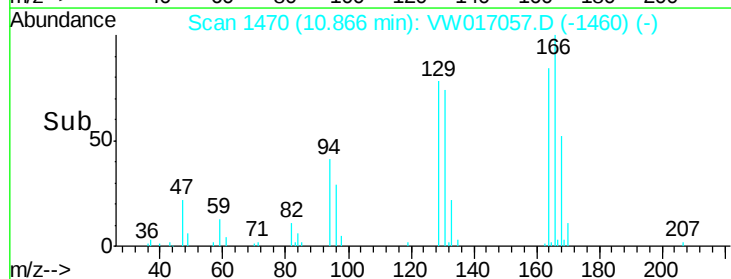
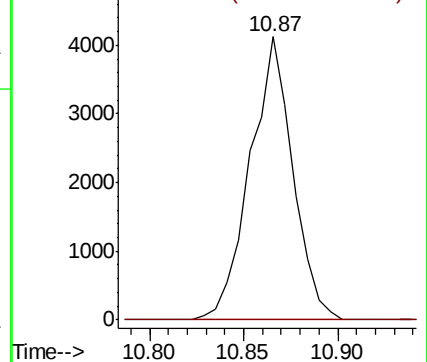
129 100

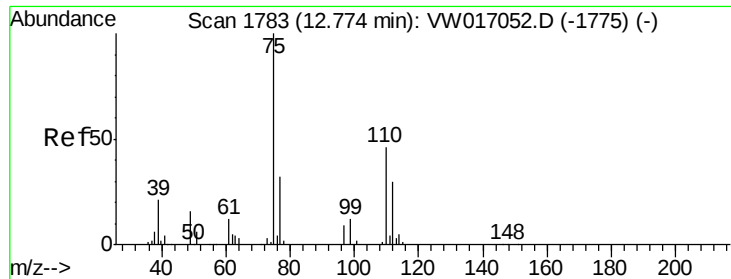
127 0.0 55.4 102.8#



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: 6.513 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017057.D

Acq: 03 Nov 2020 14:23

Instrument :

MSVOA_W

ClientSampleId :

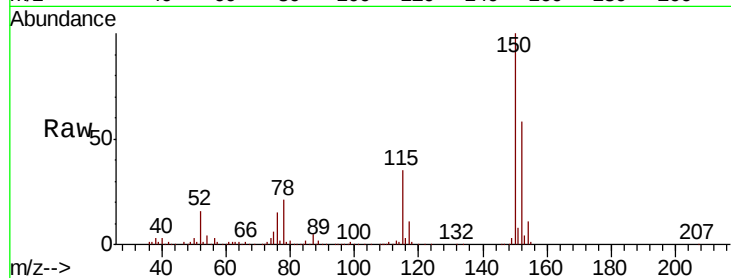
VIBLK27

Tot Ion: 75 Resp: 18892

Ion Ratio Lower Upper

75 100

77 38.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

