

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016808.D
 Acq On : 06 Oct 2020 21:32
 Operator : SY/VA
 Sample : L4235-14
 Misc : 4.44G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AP9

Quant Time: Oct 07 03:14:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	507311	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	408517	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150819	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	143019	28.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.32%
7) Chloroethane-d5	2.90	69	120256	28.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.56%
10) 1,1-Dichloroethene-d2	4.03	63	207780	19.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.20%
20) 2-Butanone-d5	7.09	46	43351	38.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.48%
24) Chloroform-d	7.65	84	276898	25.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.48%
26) 1,2-Dichloroethane-d4	8.31	65	138811	26.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.40%
29) Benzene-d6	8.28	84	565615	30.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.92%
33) 1,2-Dichloropropane-d6	9.28	67	153235	30.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.92%#
37) Toluene-d8	10.33	98	498628	28.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.92%
38) trans-1,3-Dichloropropene-	10.58	79	53967	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.16%
39) 2-Hexanone-d5	10.93	63	36208	46.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99709	24.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	129219	27.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.04%

Target Compounds

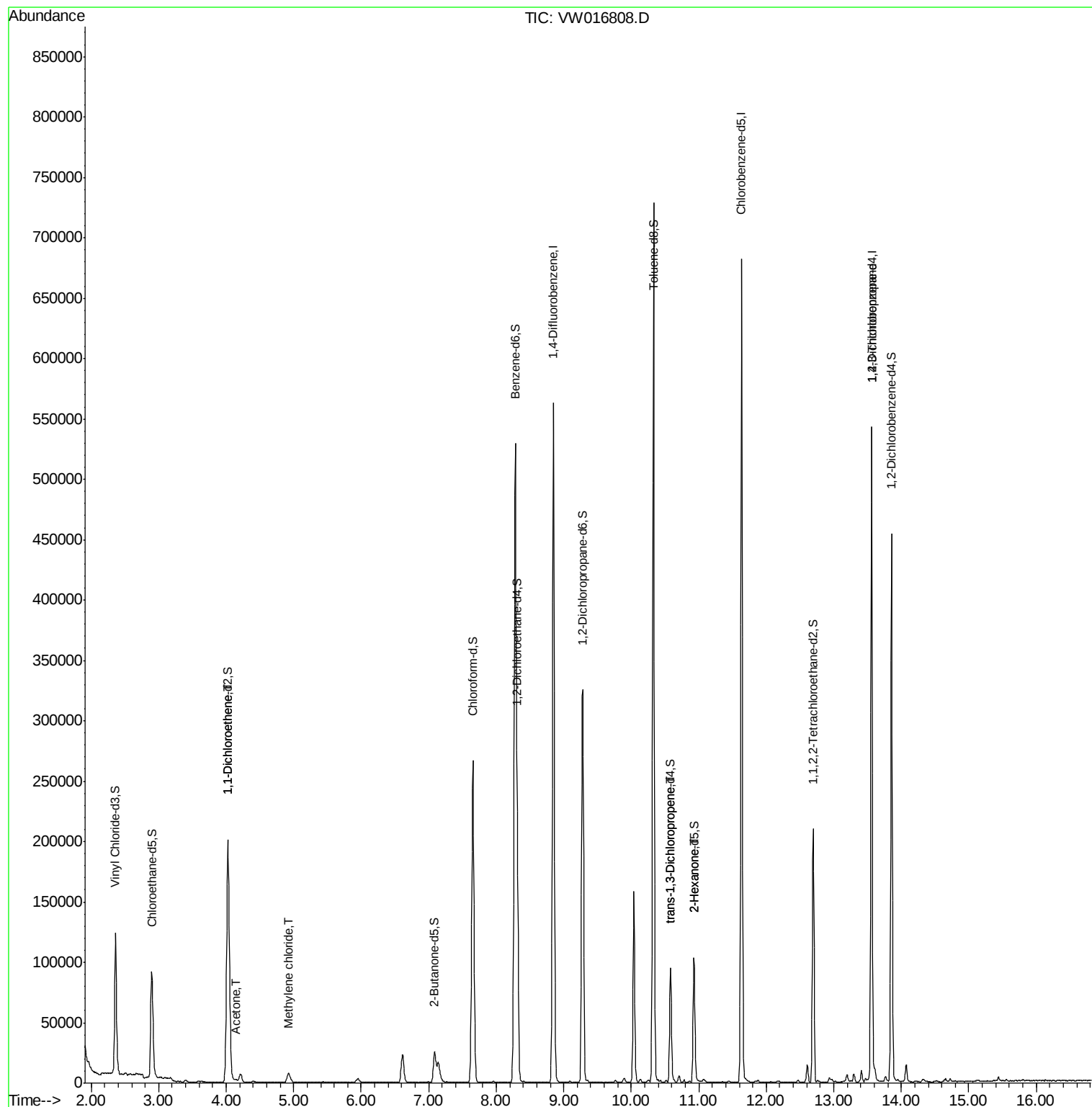
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1909	0.291 ug/L #	1
13) Acetone	4.14	43	4573	5.331 ug/L	49
16) Methylene chloride	4.93	84	7076	1.011 ug/L	93
45) trans-1,3-Dichloropropene	10.59	75	2626	0.395 ug/L	89
49) 2-Hexanone	10.93	43	5417	3.286 ug/L #	63
59) 1,2,3-Trichloropropane	13.56	75	15181	4.702 ug/L	90

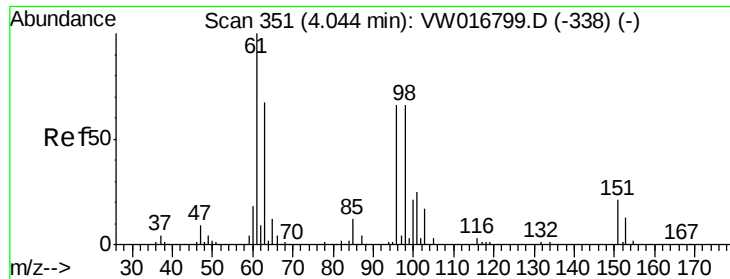
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.291 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW016808.D

Acq: 06 Oct 2020 21:32

Instrument :

MSVOA_W

ClientSampled :

C0AP9

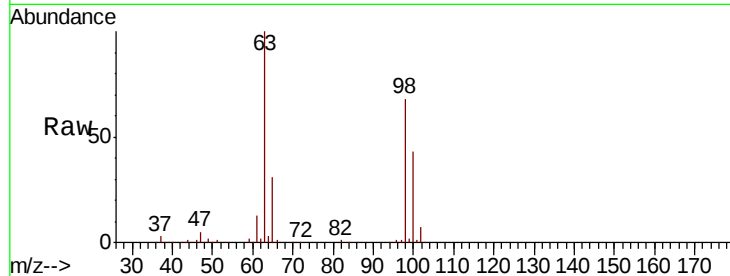
Tot Ion: 96 Resp: 1909

Ion Ratio Lower Upper

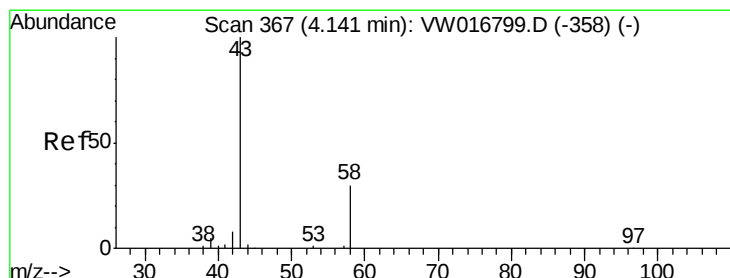
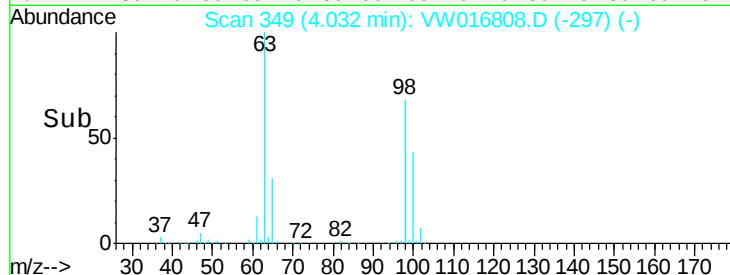
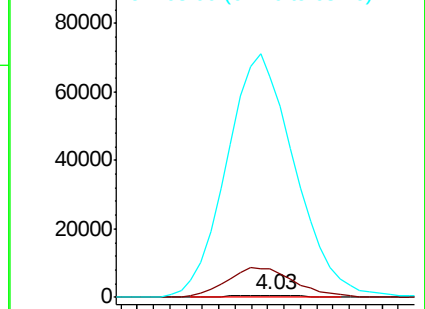
96 100

61 1313.7 105.1 195.1#

63 10187.7 69.9 129.7#



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 5.331 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW016808.D

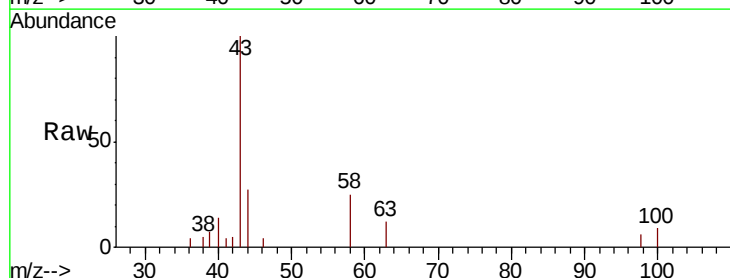
Acq: 06 Oct 2020 21:32

Tgt Ion: 43 Resp: 4573

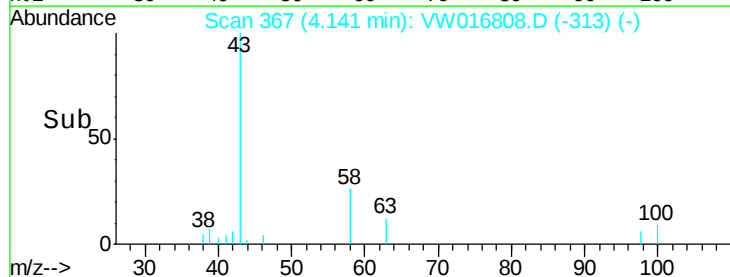
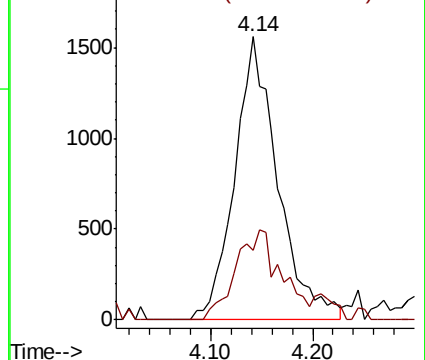
Ion Ratio Lower Upper

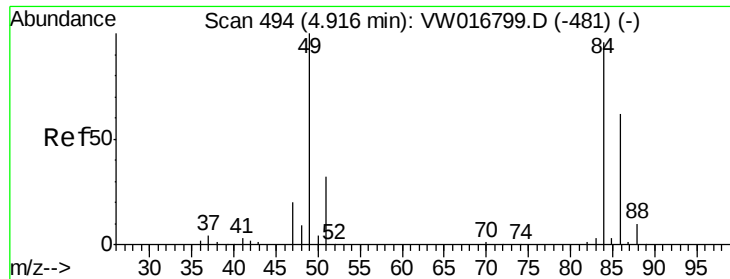
43 100

58 4.9 0.0 67.6



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

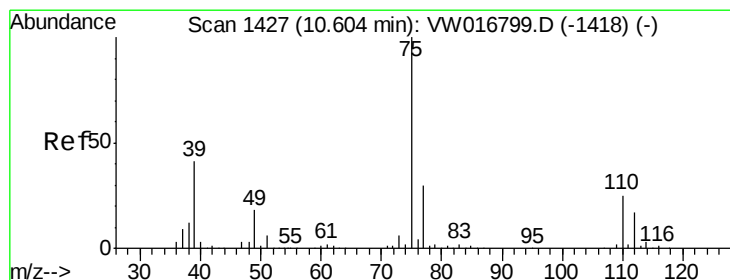
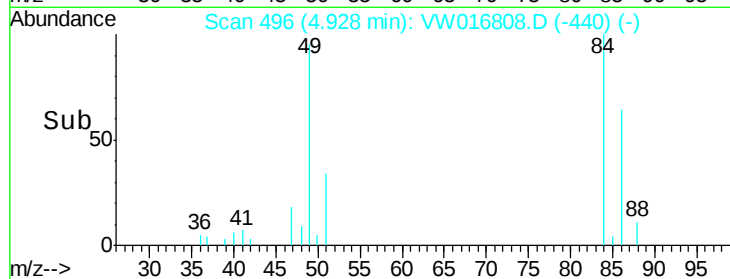
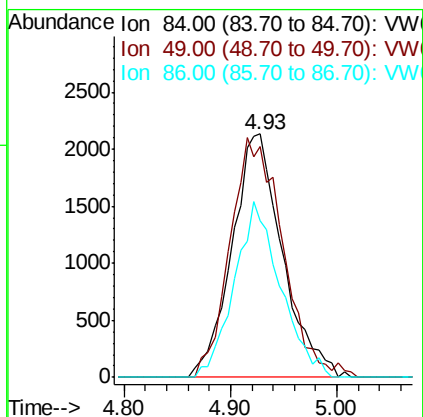
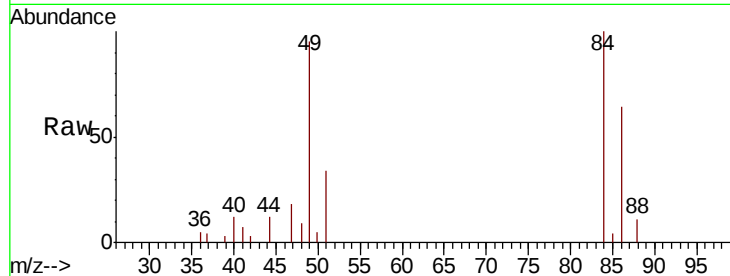




#16
Methylene chloride
Concen: 1.011 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016808.D
Acq: 06 Oct 2020 21:32

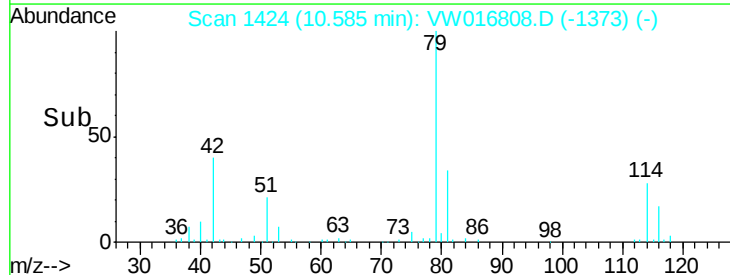
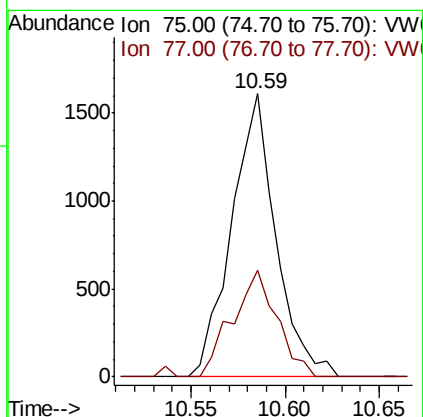
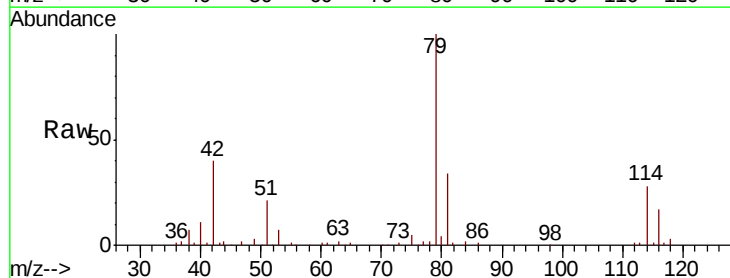
Instrument :
MSVOA_W
ClientSampled :
C0AP9

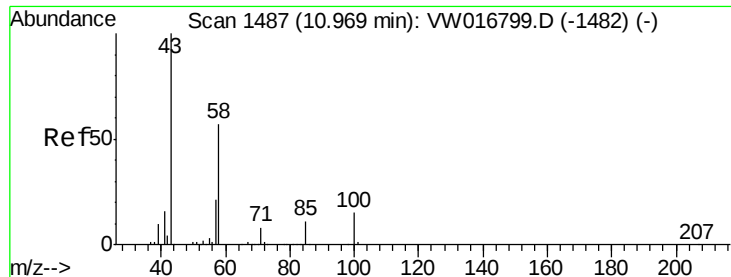
Tot Ion: 84 Resp: 7076
Ion Ratio Lower Upper
84 100
49 94.7 73.1 135.8
86 64.4 46.0 85.4



#45
trans-1,3-Dichloropropene
Concen: 0.395 ug/L
RT: 10.59 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW016808.D
Acq: 06 Oct 2020 21:32

Tgt Ion: 75 Resp: 2626
Ion Ratio Lower Upper
75 100
77 37.6 22.2 41.2





#49

2-Hexanone

Concen: 3.286 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW016808.D

Acq: 06 Oct 2020 21:32

Instrument :

MSVOA_W

ClientSampleId :

C0AP9

Tot Ion: 43 Resp: 5417

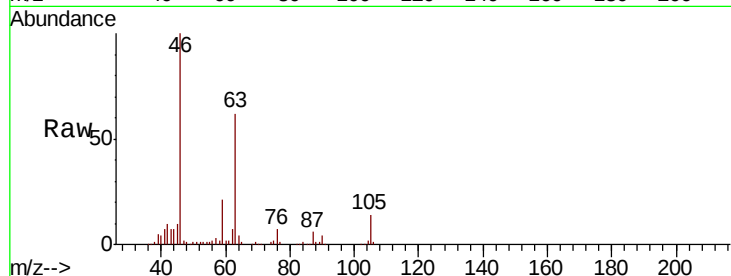
Ion Ratio Lower Upper

43 100

58 25.2 47.1 70.7#

57 25.9 16.2 24.4#

100 0.0 13.3 19.9#

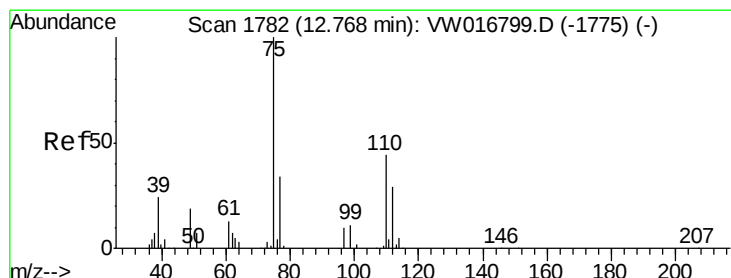
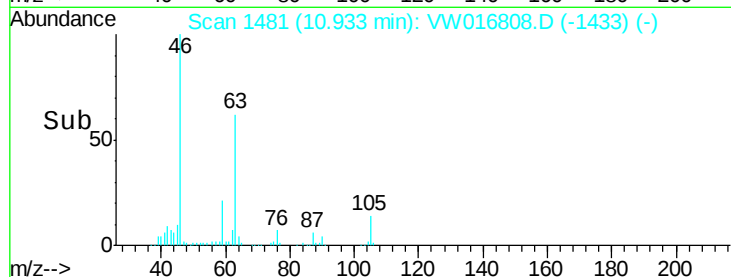
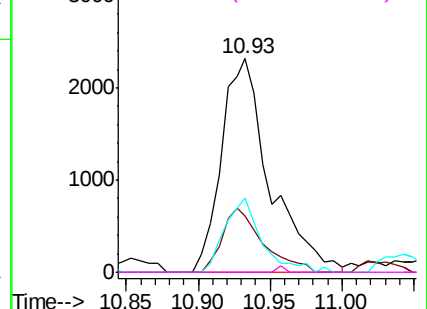


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.702 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016808.D

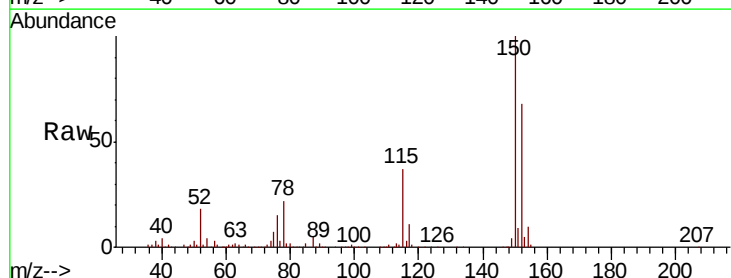
Acq: 06 Oct 2020 21:32

Tgt Ion: 75 Resp: 15181

Ion Ratio Lower Upper

75 100

77 38.5 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

