

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017552.D
 Acq On : 04 Dec 2020 13:44
 Operator : SY/VA
 Sample : L4941-03
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AX8

Quant Time: Dec 05 07:37:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 05 07:36:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	404330	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349443	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143304	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93905	17.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.56%
7) Chloroethane-d5	2.89	69	82497	18.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.40%
10) 1,1-Dichloroethene-d2	4.03	63	164309	13.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.68%
20) 2-Butanone-d5	7.08	46	42298	36.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.52%
24) Chloroform-d	7.65	84	239900	20.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.56%
26) 1,2-Dichloroethane-d4	8.31	65	119565	20.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.00%
29) Benzene-d6	8.28	84	448729	20.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.04%
33) 1,2-Dichloropropane-d6	9.27	67	133079	21.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.04%
37) Toluene-d8	10.33	98	399417	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.56%
38) trans-1,3-Dichloropropene-	10.58	79	49407	18.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.80%
39) 2-Hexanone-d5	10.93	63	26820	34.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88681	19.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	117019	21.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.56%

Target Compounds

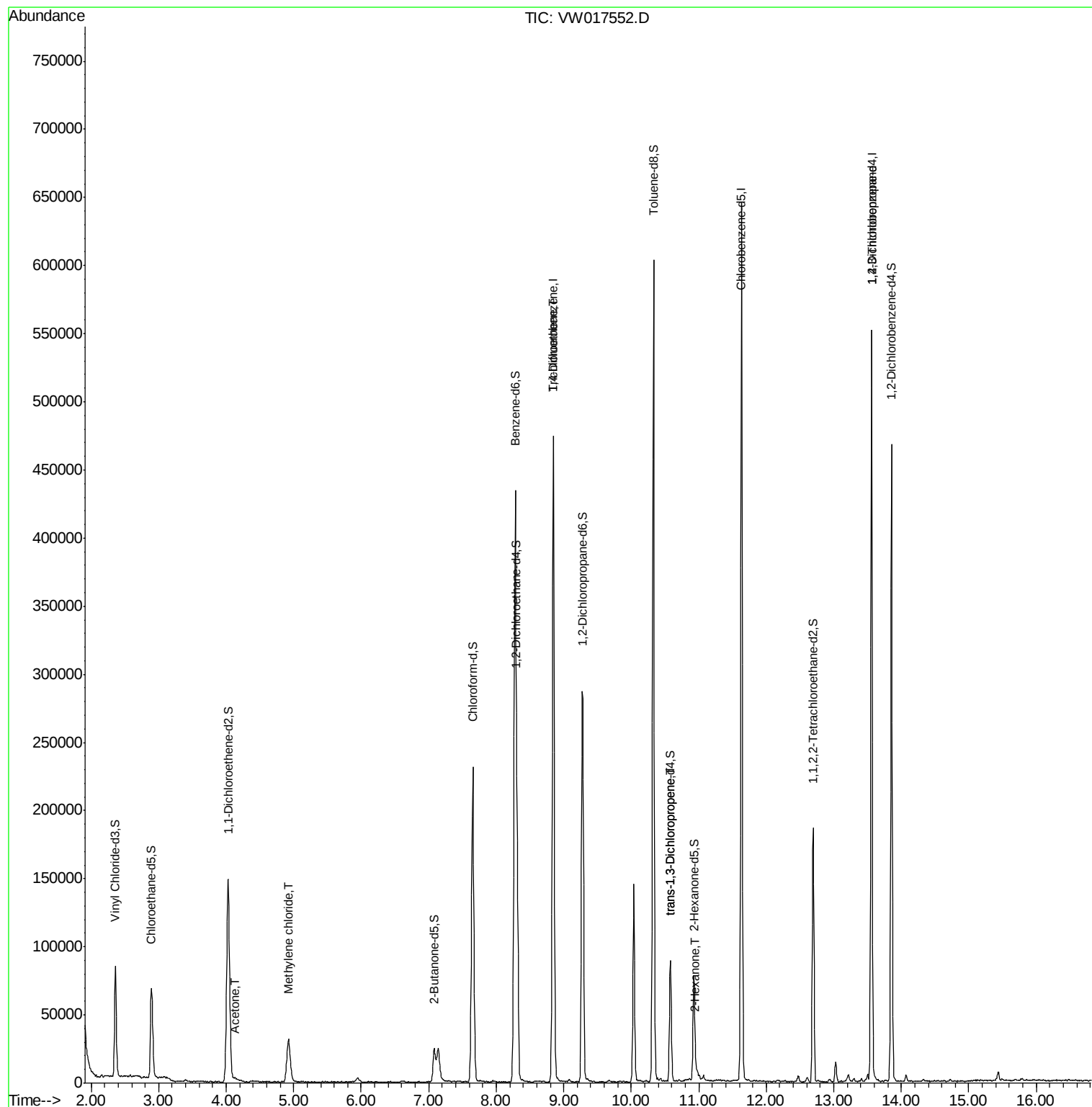
					Ovalue
13) Acetone	4.14	43	4829	4.253 ug/L	85
16) Methylene chloride	4.92	84	26597	4.362 ug/L	97
35) Trichloroethene	8.85	95	12430	2.116 ug/L #	3
45) trans-1,3-Dichloropropene	10.58	75	2417	0.362 ug/L	93
49) 2-Hexanone	10.96	43	1340	0.788 ug/L #	65
59) 1,2,3-Trichloropropane	13.56	75	16940	5.634 ug/L	96

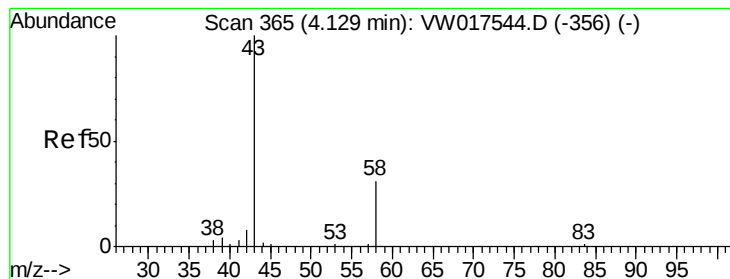
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 05 07:36:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.253 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017552.D

Acq: 04 Dec 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

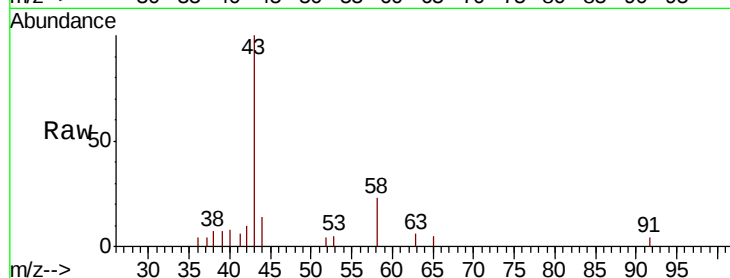
C0AX8

Tot Ion: 43 Resp: 4829

Ion Ratio Lower Upper

43 100

58 25.4 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

1500

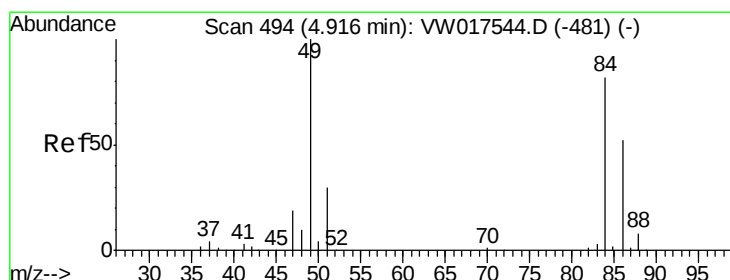
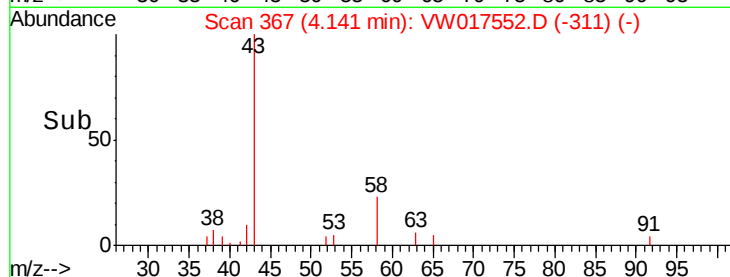
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 4.362 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017552.D

Acq: 04 Dec 2020 13:44

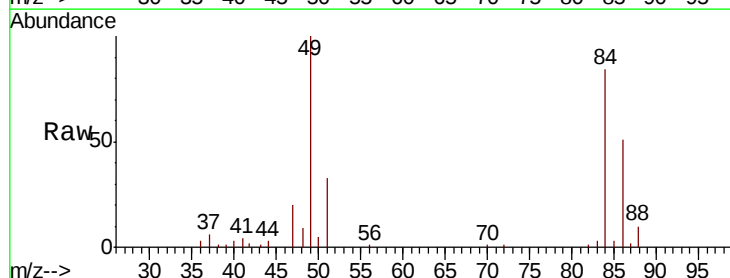
Tgt Ion: 84 Resp: 26597

Ion Ratio Lower Upper

84 100

49 118.4 81.2 150.8

86 60.1 44.5 82.7



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

12000

10000

8000

6000

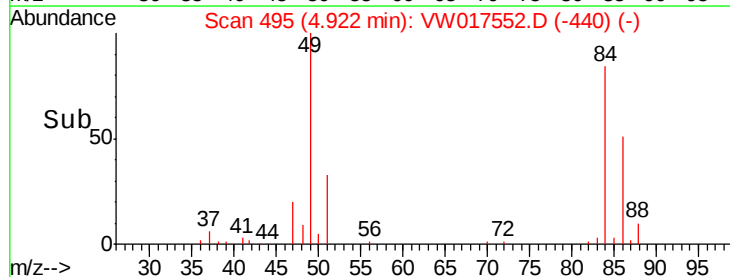
4000

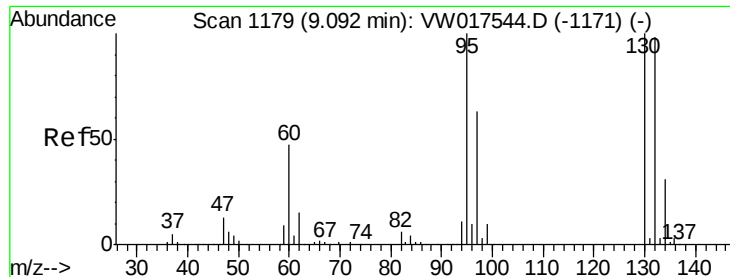
2000

0

4.80 4.90 5.00

Time-->





#35

Trichloroethene

Concen: 2.116 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017552.D

Acq: 04 Dec 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

C0AX8

Tot Ion: 95 Resp: 12430

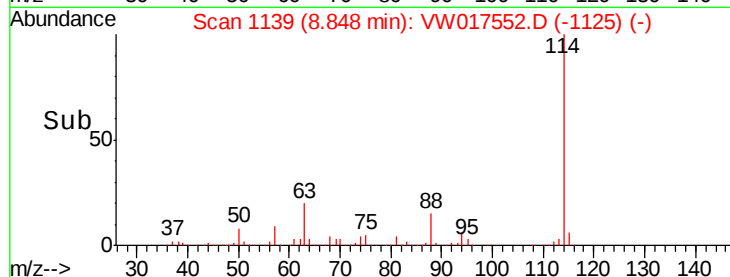
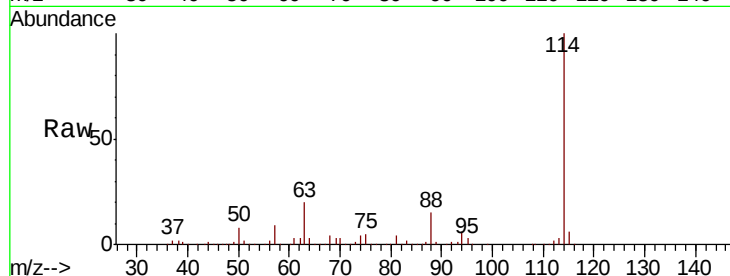
Ion Ratio Lower Upper

95 100

97 0.3 45.0 83.6#

132 0.0 71.0 131.8#

130 0.4 75.6 140.4#

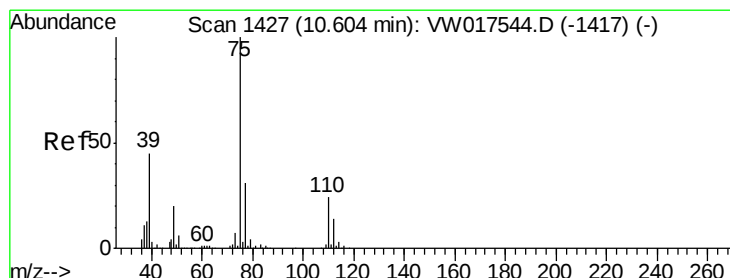
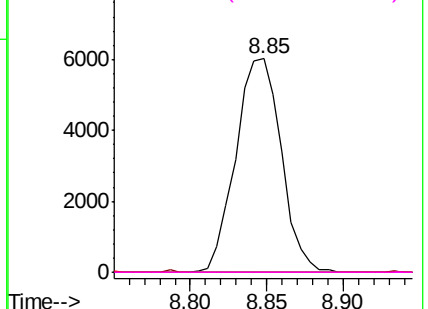


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.362 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017552.D

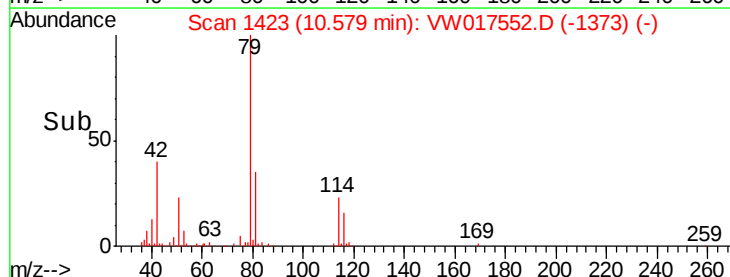
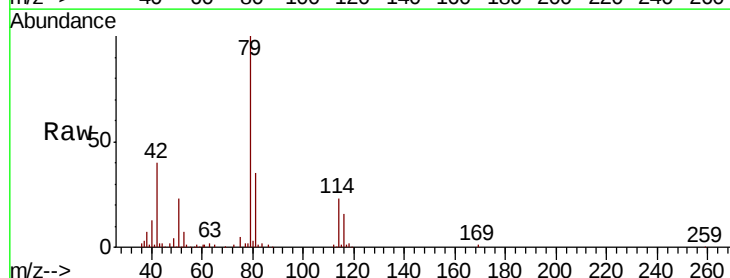
Acq: 04 Dec 2020 13:44

Tgt Ion: 75 Resp: 2417

Ion Ratio Lower Upper

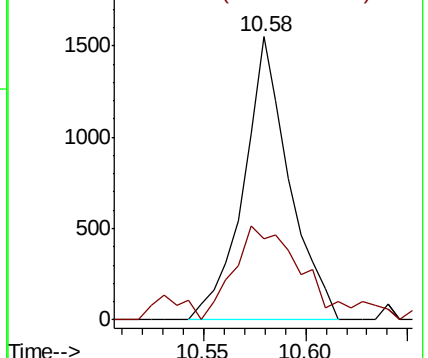
75 100

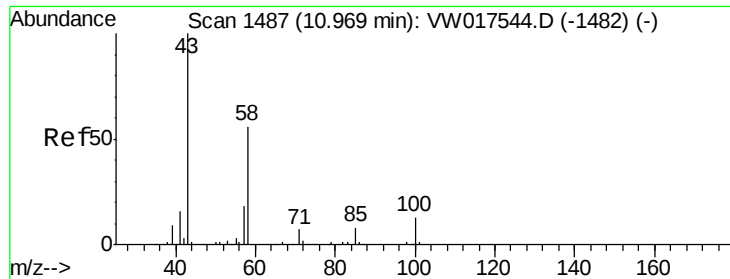
77 28.5 22.6 42.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 0.788 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW017552.D

Acq: 04 Dec 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

C0AX8

Tot Ion: 43 Resp: 1340

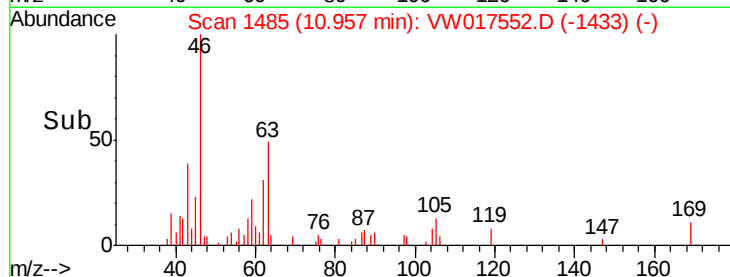
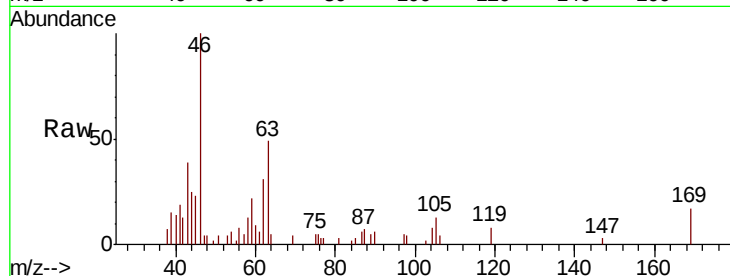
Ion Ratio Lower Upper

43 100

58 28.2 51.3 76.9#

57 12.5 15.0 22.6#

100 10.2 12.2 18.2#

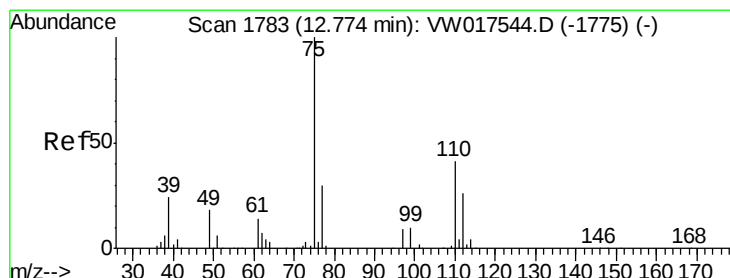
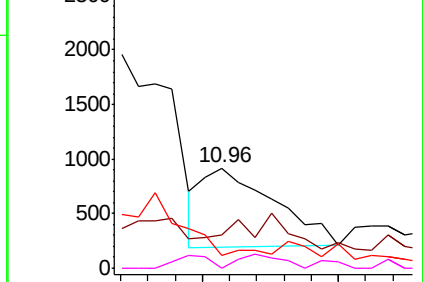


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 5.634 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017552.D

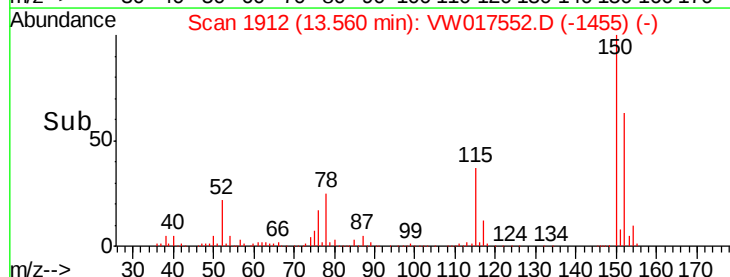
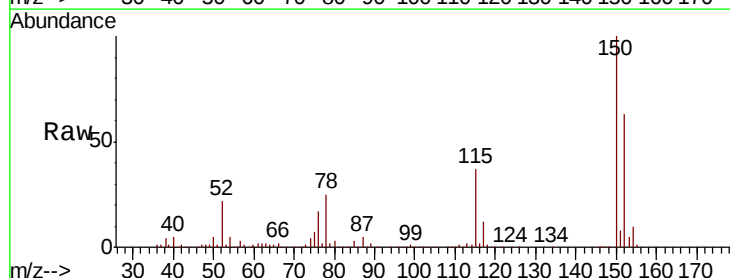
Acq: 04 Dec 2020 13:44

Tgt Ion: 75 Resp: 16940

Ion Ratio Lower Upper

75 100

77 35.6 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

