

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013752.D
 Acq On : 25 Oct 2019 16:58
 Operator : SY/VA
 Sample : K5549-09
 Misc : 4.84G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ62

Quant Time: Oct 26 03:42:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 03:37:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	342183	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	326347	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	173927	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	114359	27.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.96%
7) Chloroethane-d5	2.89	69	94434	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.40%
10) 1,1-Dichloroethene-d2	4.02	63	177808	19.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.72%
20) 2-Butanone-d5	7.08	46	69878	46.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.08%
24) Chloroform-d	7.65	84	241985	25.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.08%
26) 1,2-Dichloroethane-d4	8.30	65	132639	26.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.96%
29) Benzene-d6	8.27	84	518029	26.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.68%
33) 1,2-Dichloropropane-d6	9.27	67	159143	27.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.72%
37) Toluene-d8	10.32	98	479090	26.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.96%
38) trans-1,3-Dichloropropene-	10.58	79	66840	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.20%
39) 2-Hexanone-d5	10.93	63	59102	52.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122350	25.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	156559	25.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.88%

Target Compounds

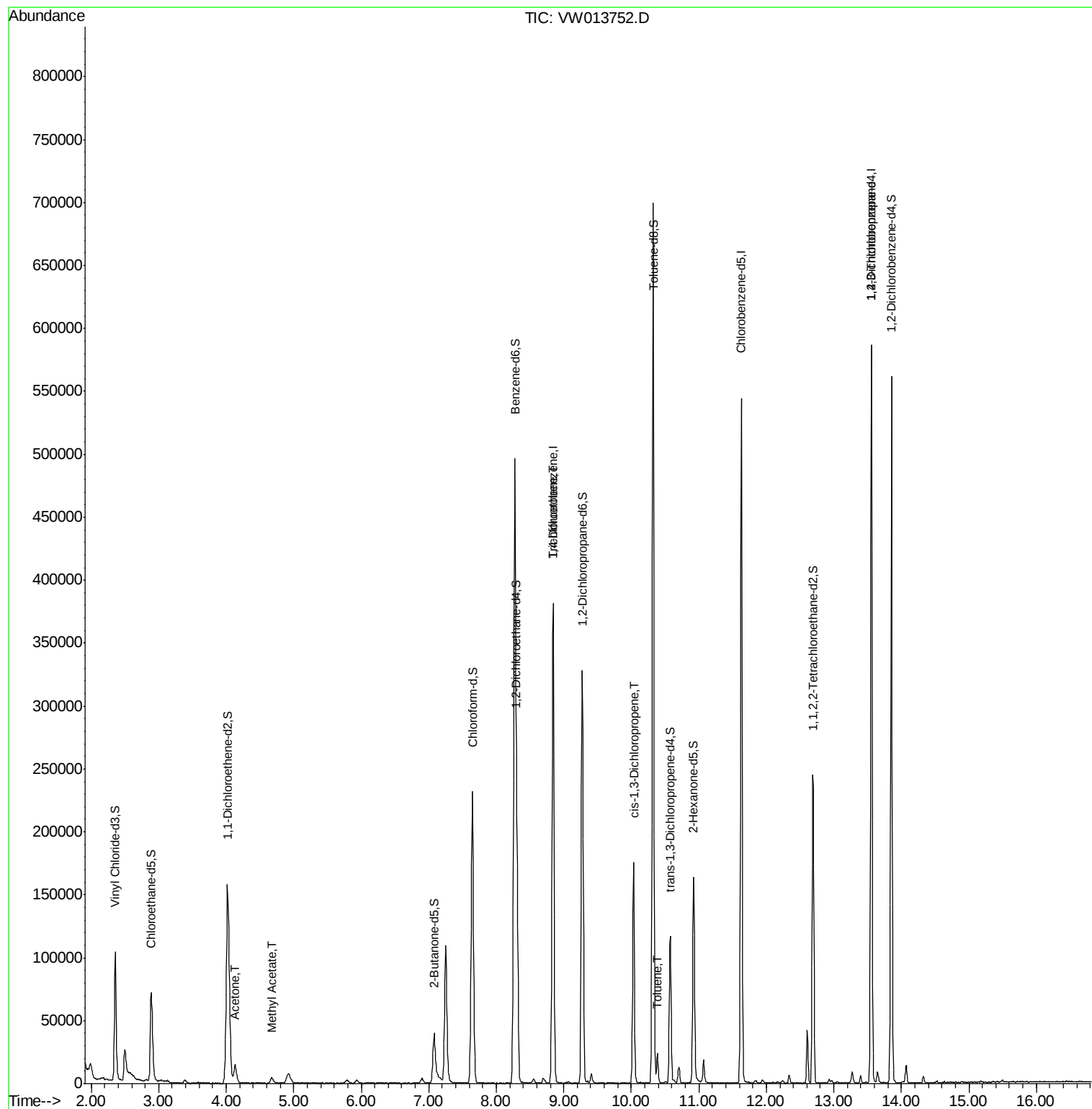
					Ovalue
13) Acetone	4.14	43	25476	15.286 ug/L	96
15) Methyl Acetate	4.67	43	5661	2.079 ug/L	98
35) Trichloroethene	8.84	95	9970	1.660 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	3798	0.420 ug/L #	72
44) Toluene	10.39	91	17504	0.696 ug/L	96
59) 1,2,3-Trichloropropane	13.55	75	16856	4.368 ug/L	93

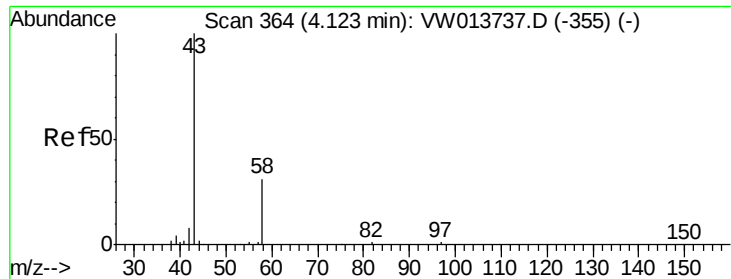
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.286 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Acq: 25 Oct 2019 16:58

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MSVOA_W

ClientSampleId :

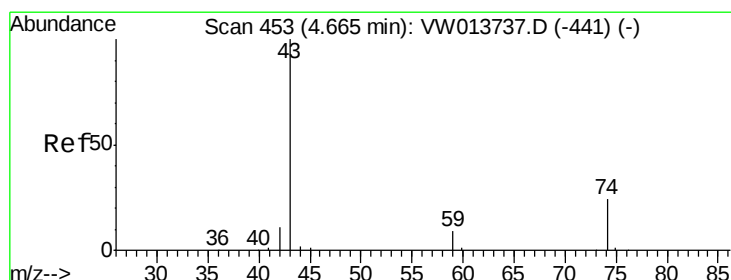
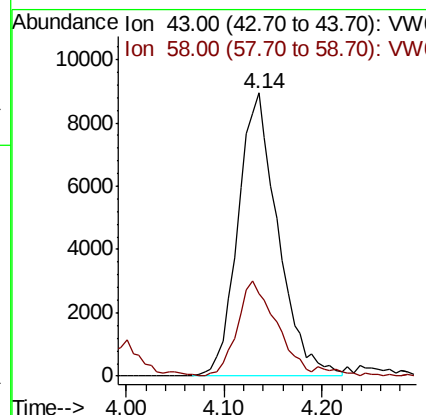
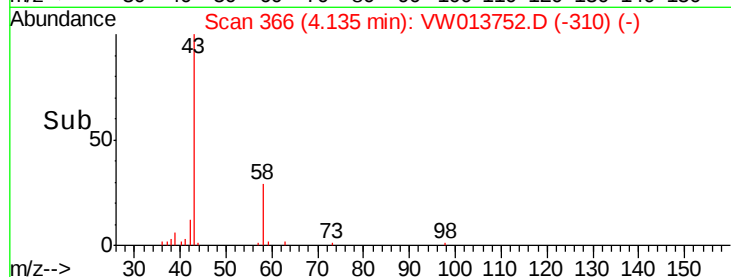
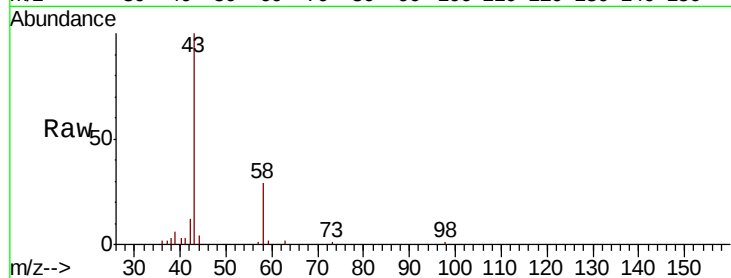
GAQ62

Tot Ion: 43 Resp: 25476

Ion Ratio Lower Upper

43 100

58 32.7 0.0 70.4



#15

Methyl Acetate

Concen: 2.079 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013752.D

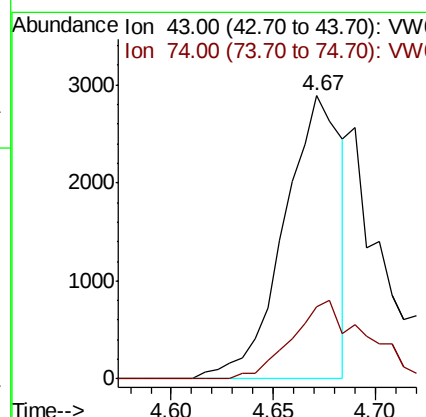
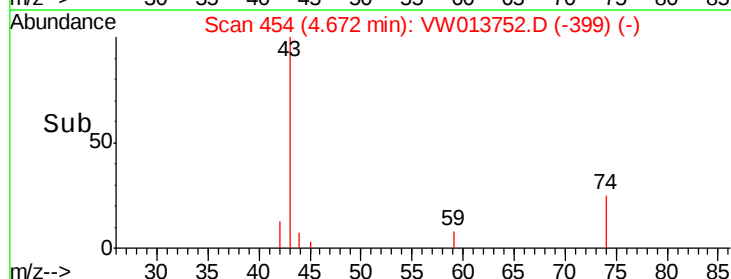
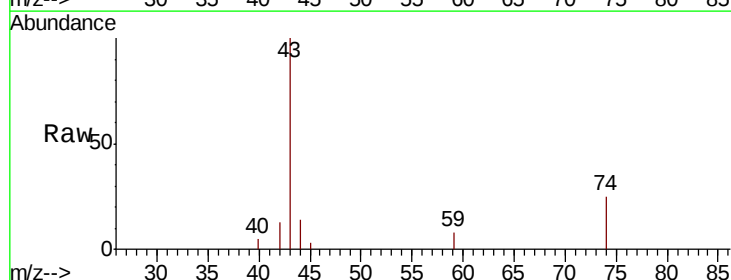
Acq: 25 Oct 2019 16:58

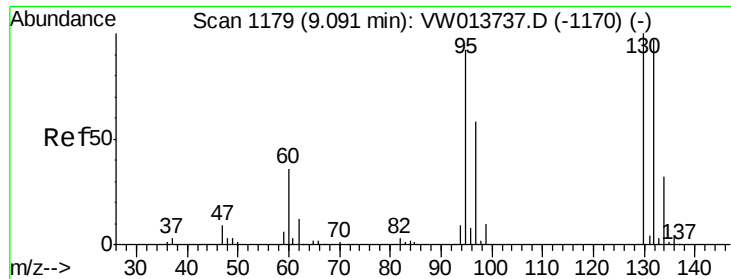
Tgt Ion: 43 Resp: 5661

Ion Ratio Lower Upper

43 100

74 23.0 19.2 28.8





#35

Trichloroethene

Concen: 1.660 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013752.D

Acq: 25 Oct 2019 16:58

Instrument :

MSVOA_W

ClientSampleId :

GAQ62

Tot Ion: 95 Resp: 9970

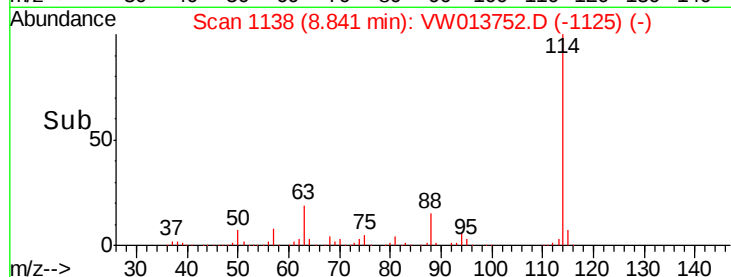
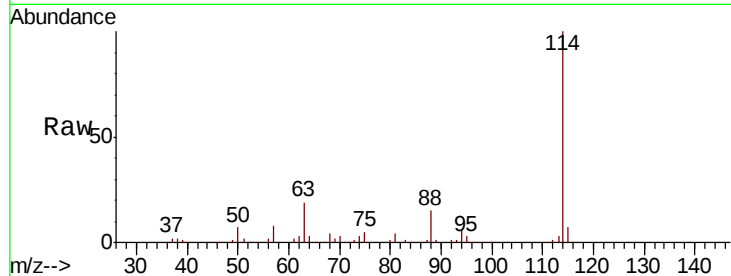
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#

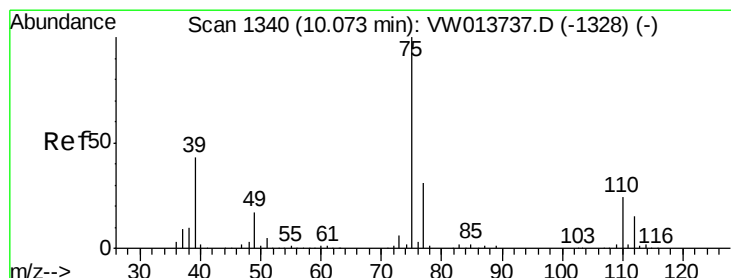
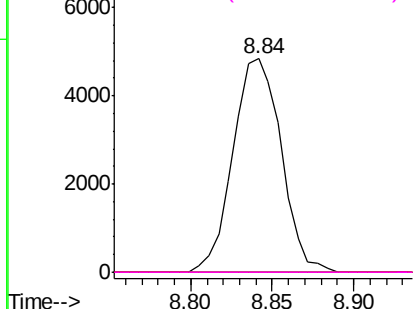


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.420 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW013752.D

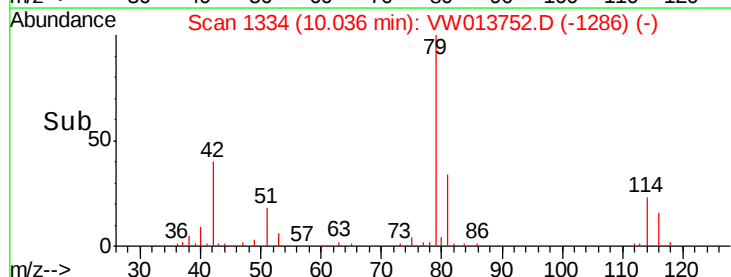
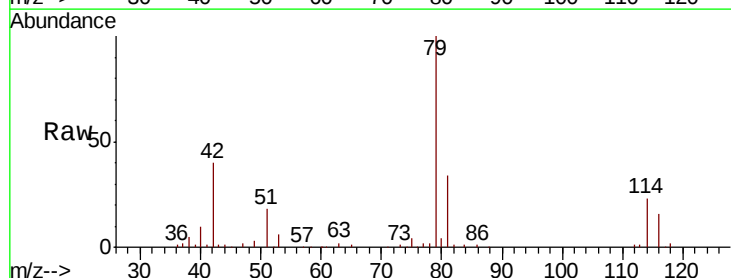
Acq: 25 Oct 2019 16:58

Tgt Ion: 75 Resp: 3798

Ion Ratio Lower Upper

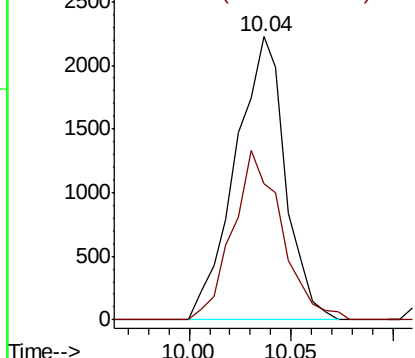
75 100

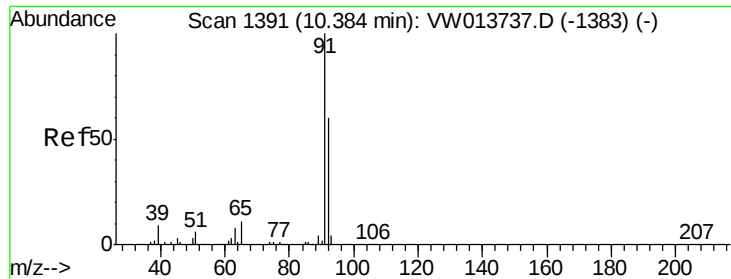
77 47.9 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 0.696 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013752.D

Acq: 25 Oct 2019 16:58

Instrument :

MSVOA_W

ClientSampled :

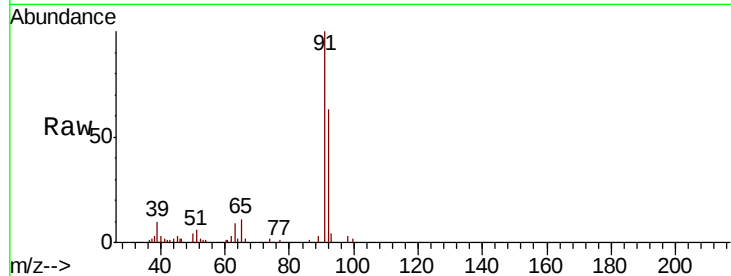
GAQ62

Tot Ion: 91 Resp: 17504

Ion Ratio Lower Upper

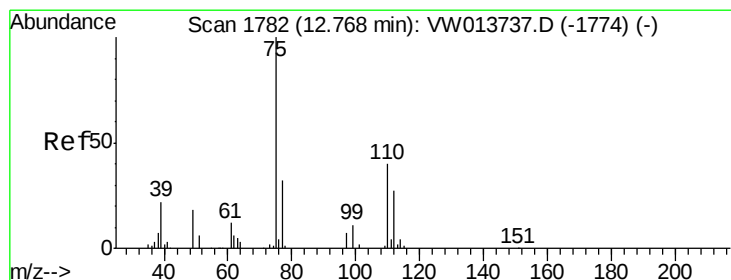
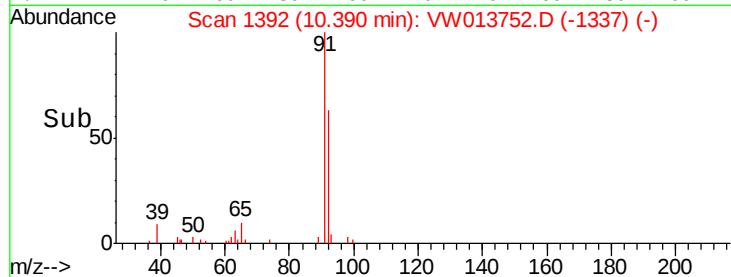
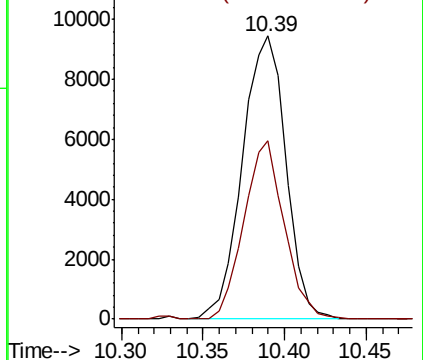
91 100

92 63.2 42.0 78.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.368 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013752.D

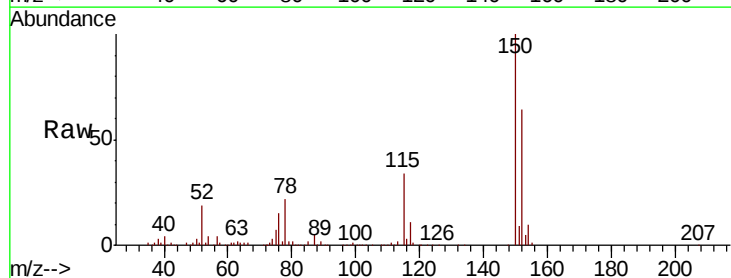
Acq: 25 Oct 2019 16:58

Tgt Ion: 75 Resp: 16856

Ion Ratio Lower Upper

75 100

77 36.9 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

