

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013756.D
 Acq On : 25 Oct 2019 18:43
 Operator : SY/VA
 Sample : K5549-08
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ61

Quant Time: Oct 26 03:42:39 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	367024	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	363004	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	213636	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113511	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.84%
7) Chloroethane-d5	2.89	69	92243	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.80%
10) 1,1-Dichloroethene-d2	4.02	63	170362	17.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.52%
20) 2-Butanone-d5	7.08	46	68177	42.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.66%
24) Chloroform-d	7.65	84	231291	22.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.08%
26) 1,2-Dichloroethane-d4	8.31	65	127146	23.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.72%
29) Benzene-d6	8.27	84	503381	23.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.32%
33) 1,2-Dichloropropane-d6	9.27	67	152438	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.60%
37) Toluene-d8	10.32	98	471886	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.84%
38) trans-1,3-Dichloropropene-	10.58	79	65060	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.56%
39) 2-Hexanone-d5	10.92	63	57949	46.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121674	22.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	179641	23.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.16%

Target Compounds

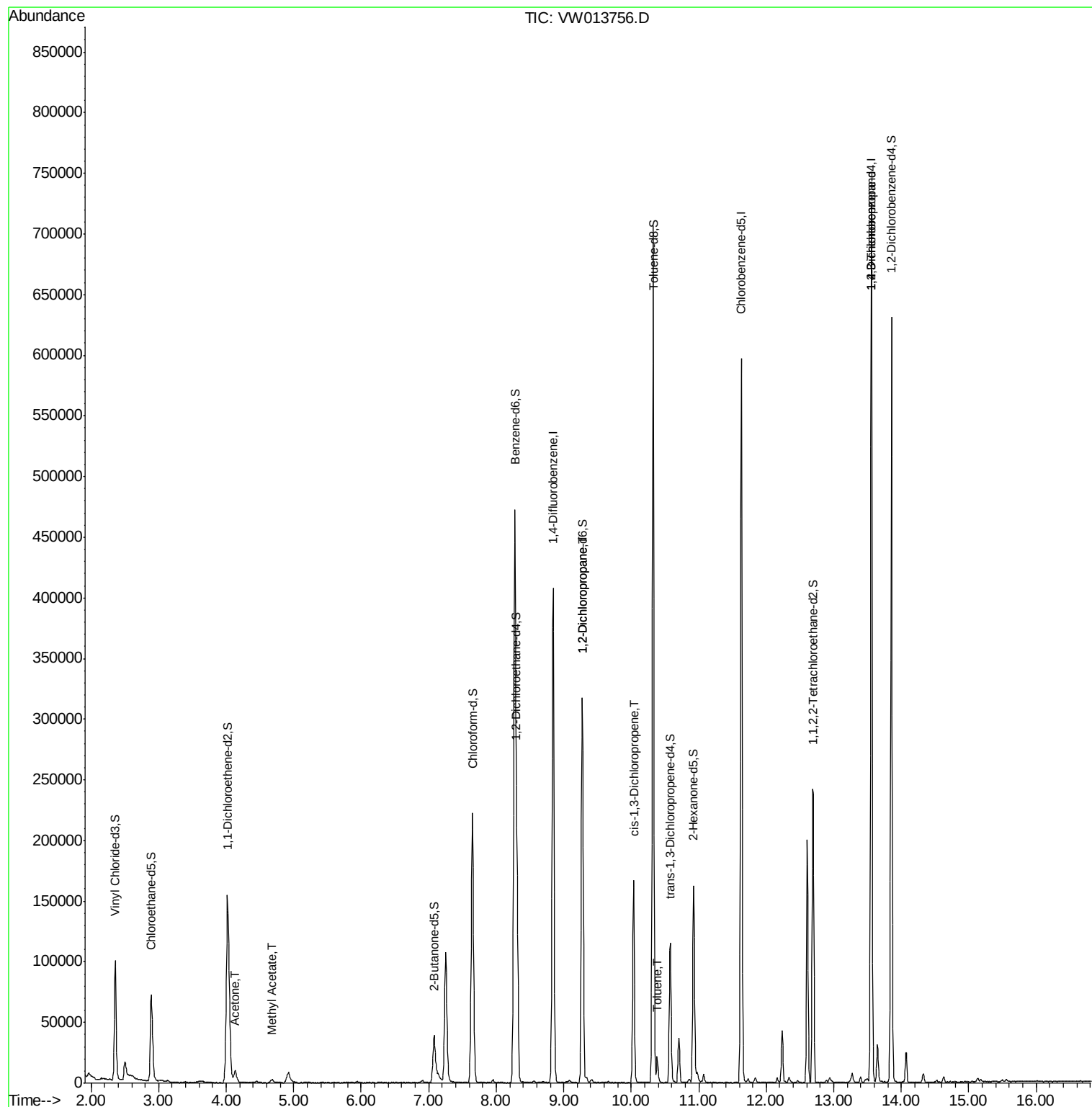
					Ovalue
13) Acetone	4.14	43	17976	10.056	ug/L 84
15) Methyl Acetate	4.68	43	5823	1.994	ug/L # 58
40) 1,2-Dichloropropane	9.27	63	15974	2.508	ug/L # 87
42) cis-1,3-Dichloropropene	10.03	75	3537	0.352	ug/L # 59
44) Toluene	10.39	91	15225	0.544	ug/L 93
59) 1,2,3-Trichloropropane	13.55	75	21409	4.987	ug/L 95

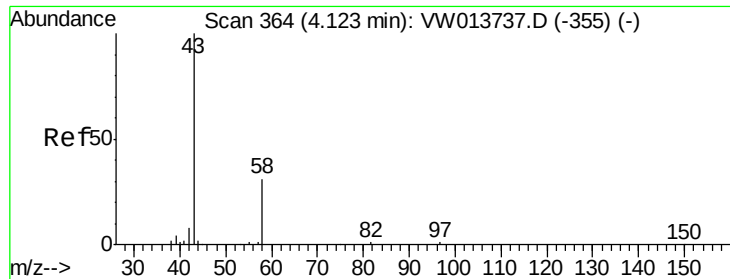
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.056 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013756.D

Acq: 25 Oct 2019 18:43

Instrument :

MSVOA_W

ClientSampled :

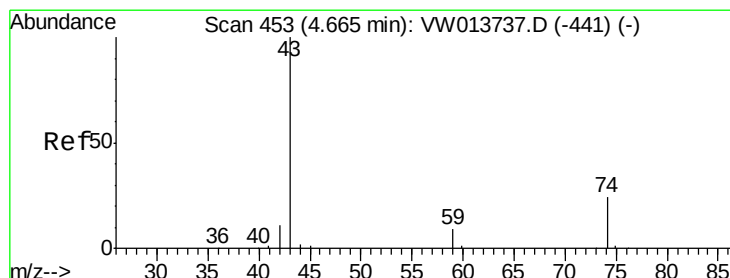
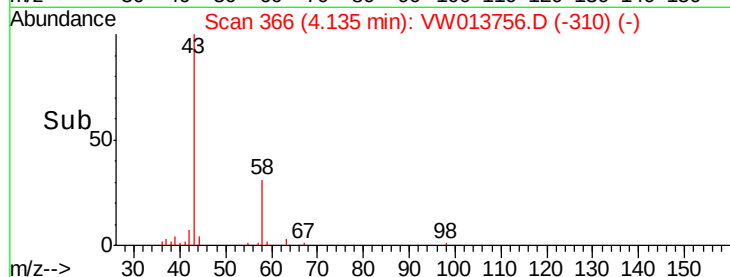
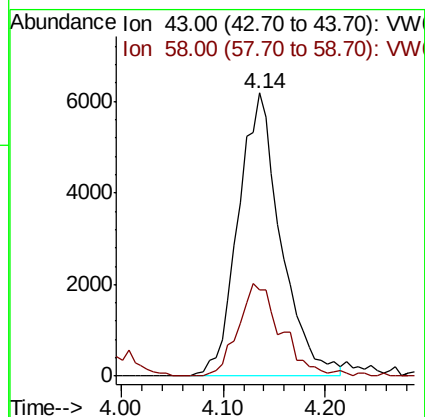
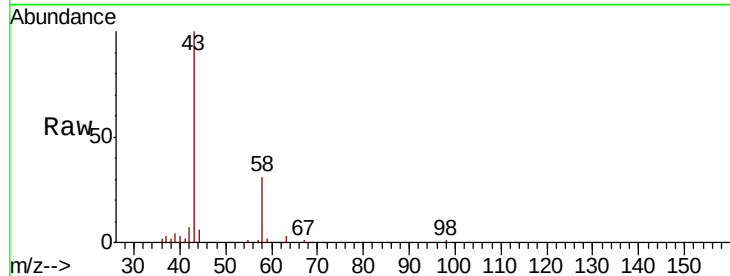
GAQ61

Tot Ion: 43 Resp: 17976

Ion Ratio Lower Upper

43 100

58 25.9 0.0 70.4



#15

Methyl Acetate

Concen: 1.994 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW013756.D

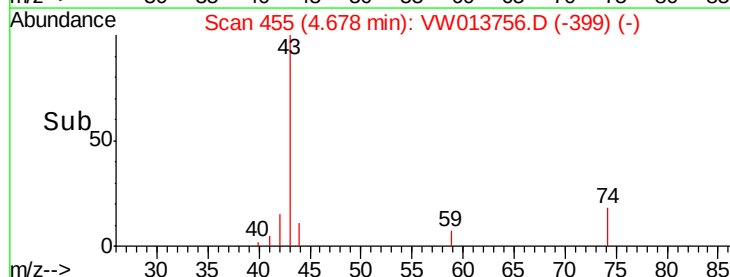
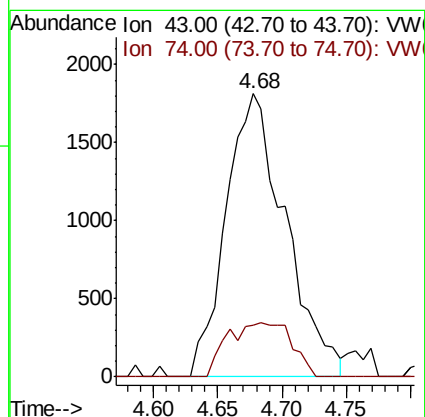
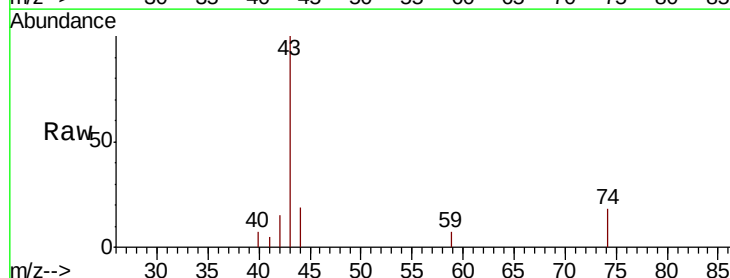
Acq: 25 Oct 2019 18:43

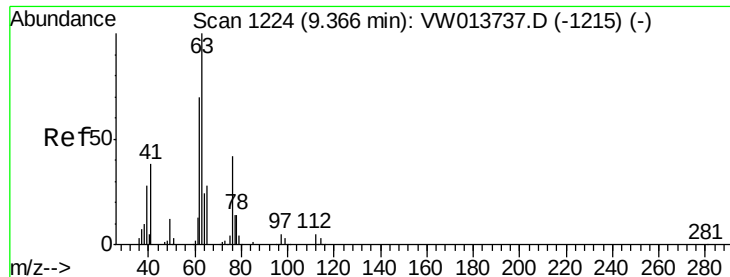
Tgt Ion: 43 Resp: 5823

Ion Ratio Lower Upper

43 100

74 3.4 19.2 28.8#





#40

1,2-Dichloropropane

Concen: 2.508 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013756.D

Acq: 25 Oct 2019 18:43

Instrument :

MSVOA_W

ClientSampleId :

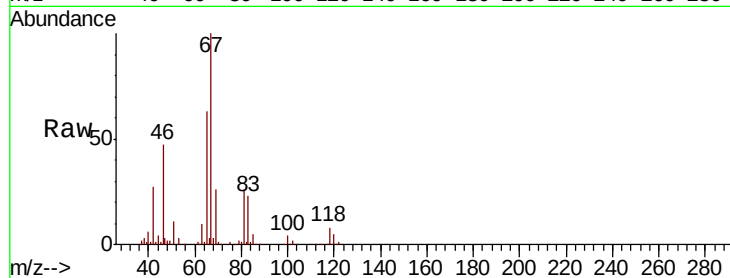
GAQ61

Tot Ion: 63 Resp: 15974

Ion Ratio Lower Upper

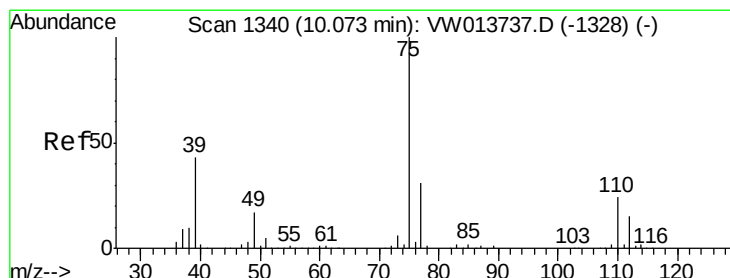
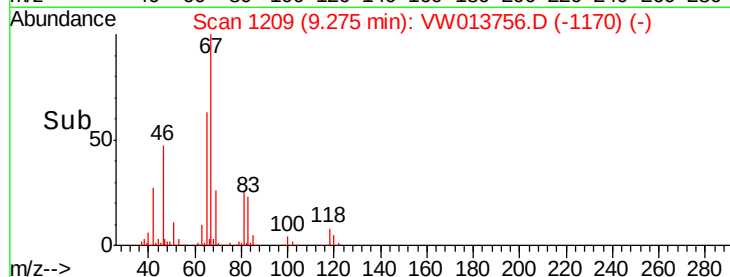
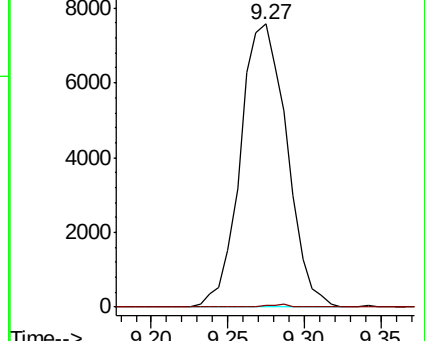
63 100

112 0.5 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.352 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW013756.D

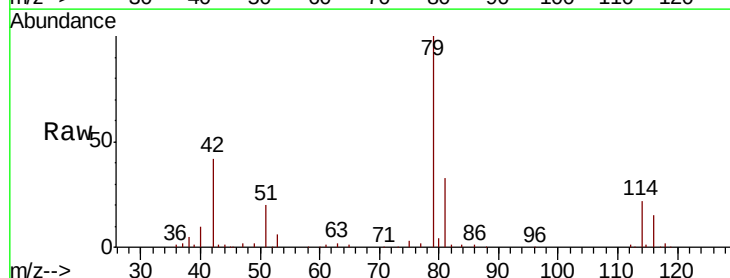
Acq: 25 Oct 2019 18:43

Tgt Ion: 75 Resp: 3537

Ion Ratio Lower Upper

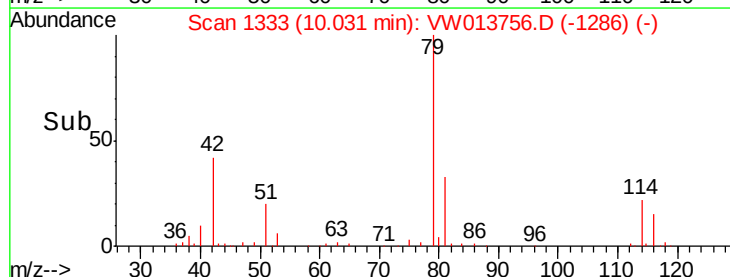
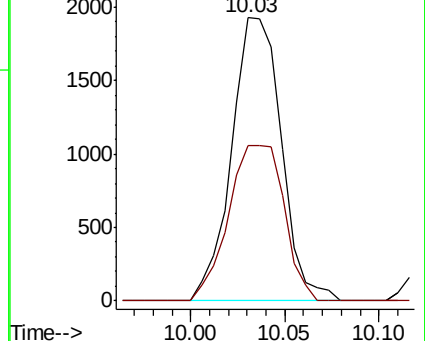
75 100

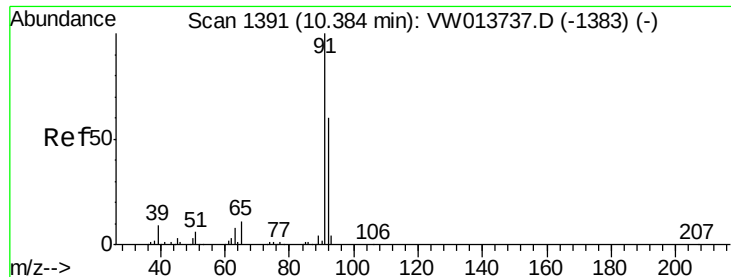
77 54.9 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 0.544 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013756.D

Acq: 25 Oct 2019 18:43

Instrument :

MSVOA_W

ClientSampleId :

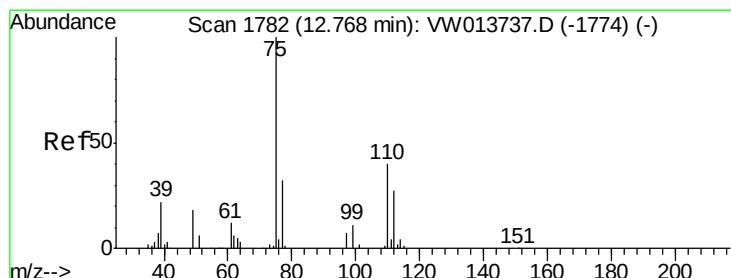
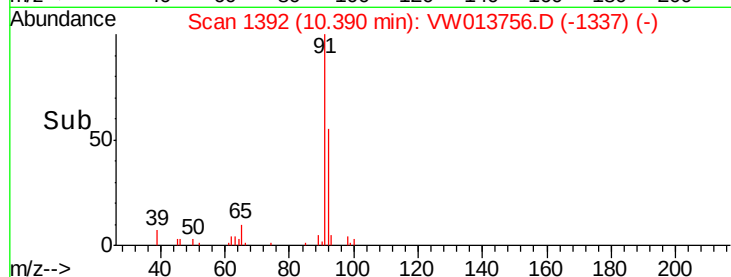
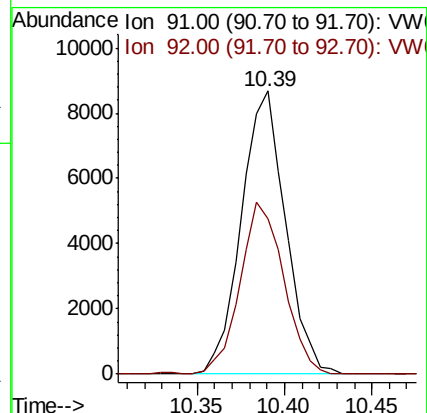
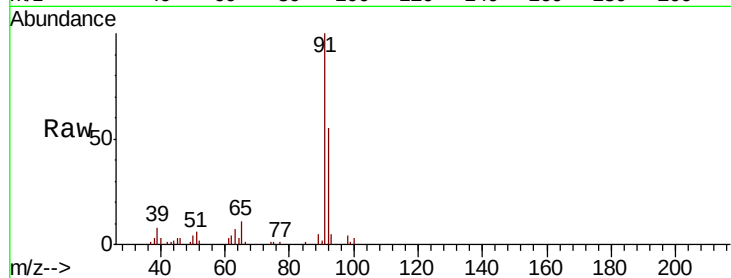
GAQ61

Tot Ion: 91 Resp: 15225

Ion Ratio Lower Upper

91 100

92 54.8 42.0 78.0



#59

1,2,3-Trichloropropane

Concen: 4.987 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013756.D

Acq: 25 Oct 2019 18:43

Tgt Ion: 75 Resp: 21409

Ion Ratio Lower Upper

75 100

77 36.0 26.4 39.6

