

Data File : VW013823.D
Acq On : 30 Oct 2019 05:09
Operator : SY/VA
Sample : K5549-19
Misc : 4.23G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAQ72

Quant Time: Oct 30 08:20:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 08:16:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	251072	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	223126	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	86778	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	87418	28.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.52%
7) Chloroethane-d5	2.89	69	70444	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.00%
10) 1,1-Dichloroethene-d2	4.02	63	128049	18.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.28%
20) 2-Butanone-d5	7.07	46	106007	96.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	192.44%#
24) Chloroform-d	7.65	84	188764	26.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.48%
26) 1,2-Dichloroethane-d4	8.31	65	116567	31.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.92%
29) Benzene-d6	8.27	84	379031	28.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.08%
33) 1,2-Dichloropropane-d6	9.27	67	124177	31.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.08%#
37) Toluene-d8	10.32	98	320383	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.64%
38) trans-1,3-Dichloropropene-	10.58	79	49639	27.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.92%
39) 2-Hexanone-d5	10.92	63	82656	108.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	216.00%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132001	40.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	161.00%#
61) 1,2-Dichlorobenzene-d4	13.85	152	84731	27.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.52%

Target Compounds

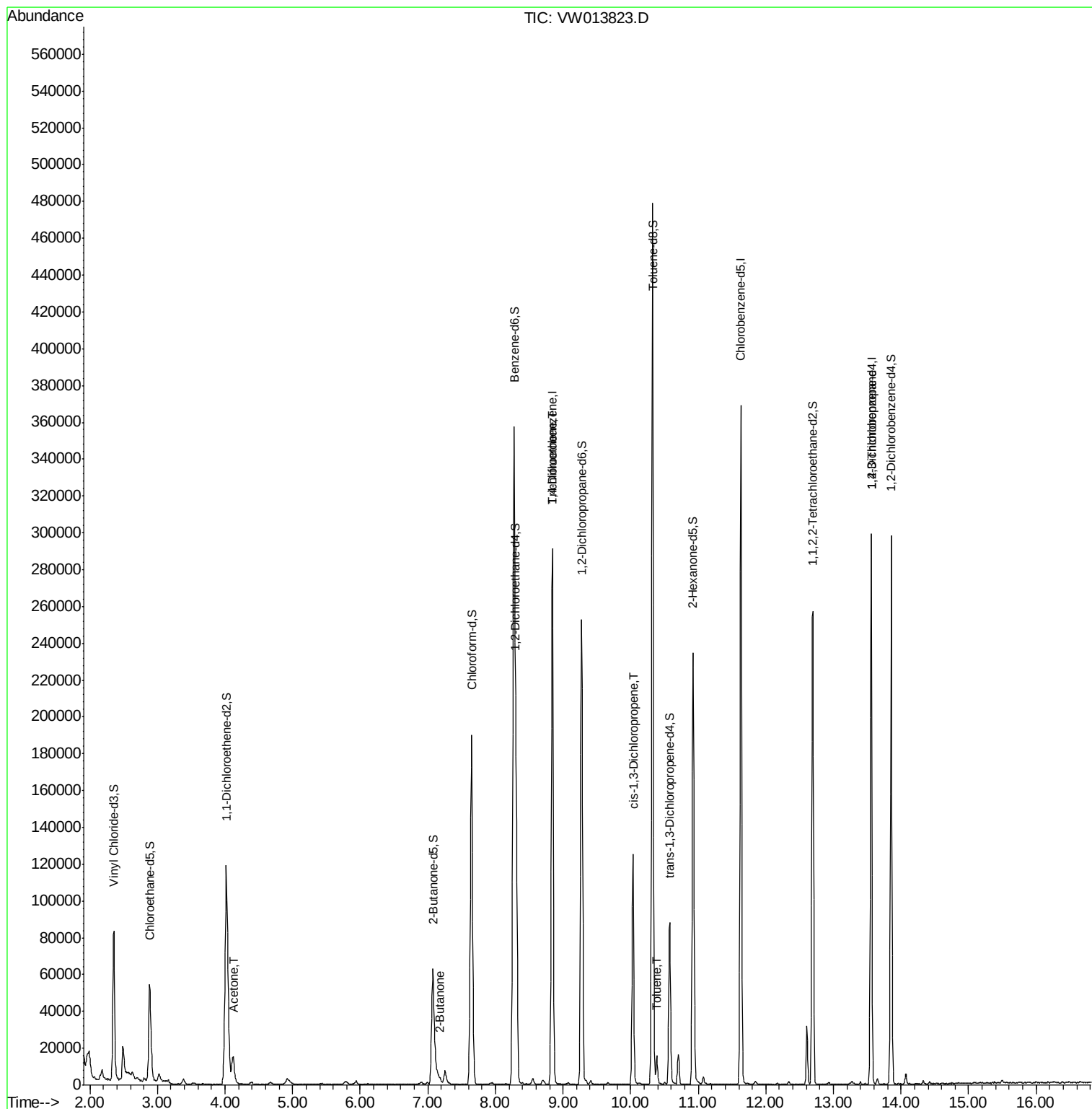
					Qvalue
13) Acetone	4.12	43	26738	21.866 ug/L	100
21) 2-Butanone	7.18	43	3423	2.205 ug/L	74
35) Trichloroethene	8.84	95	7202	1.753 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	2874	0.465 ug/L #	64
44) Toluene	10.38	91	11278	0.656 ug/L	88
59) 1,2,3-Trichloropropane	13.55	75	8711	3.301 ug/L	89

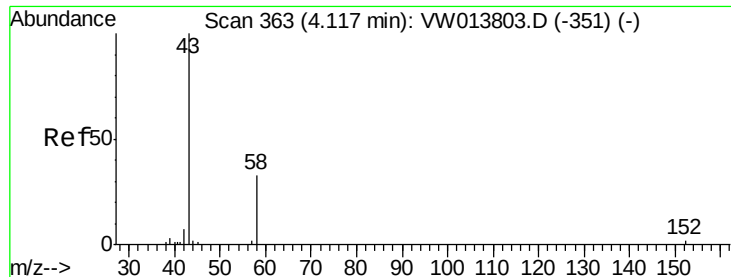
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 21.866 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

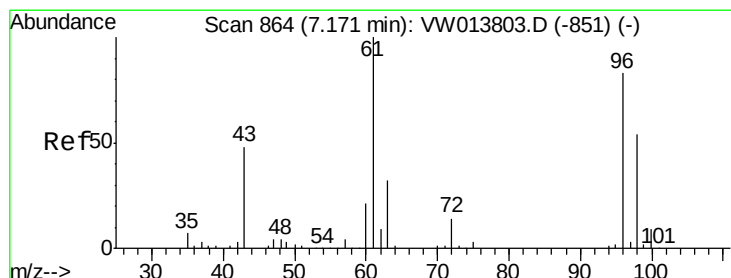
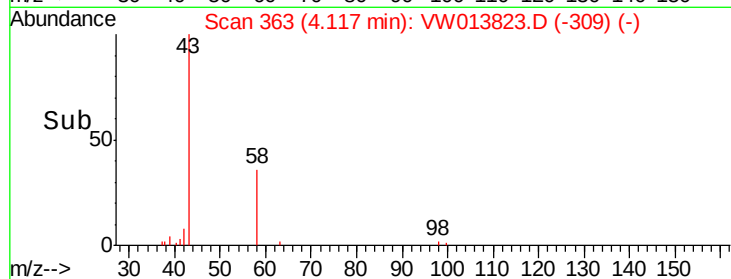
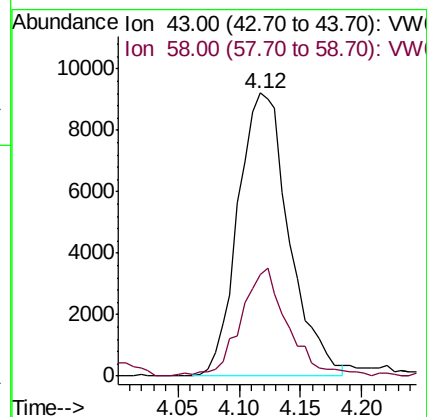
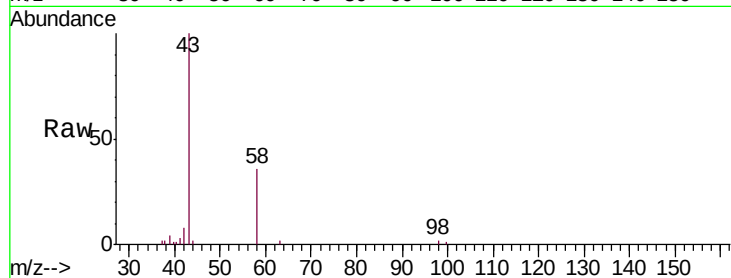
GAQ72

Tgt Ion: 43 Resp: 26738

Ion Ratio Lower Upper

43 100

58 35.1 0.0 70.4



#21

2-Butanone

Concen: 2.205 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

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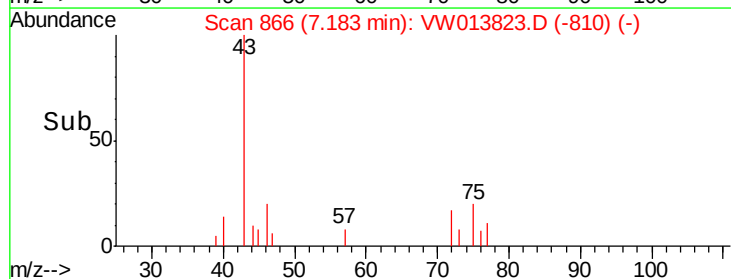
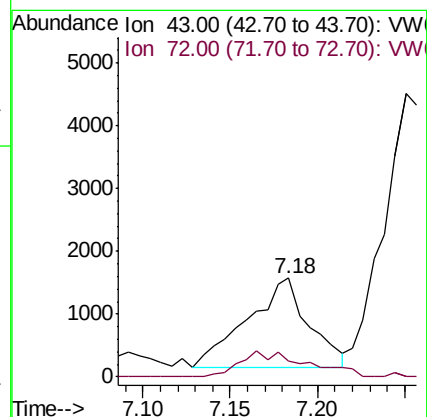
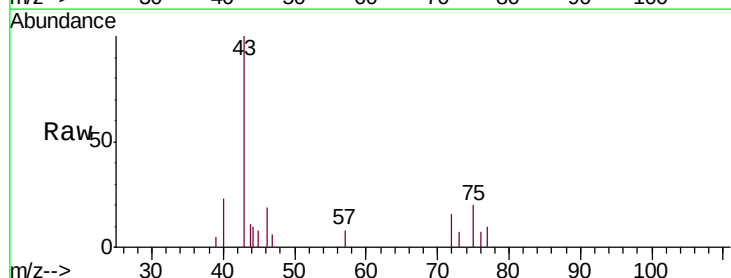
Acq: 30 Oct 2019 05:09

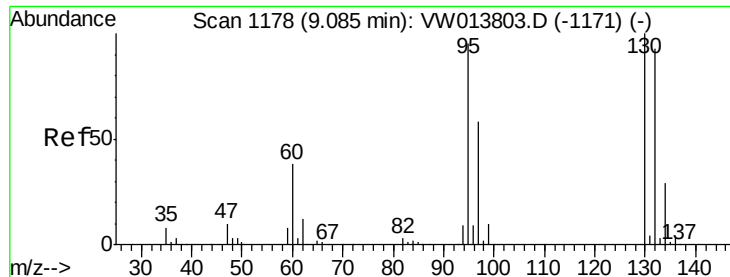
Tgt Ion: 43 Resp: 3423

Ion Ratio Lower Upper

43 100

72 14.0 13.7 41.1





#35

Trichloroethene

Concen: 1.753 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampleId :

GAQ72

Tgt Ion: 95 Resp: 7202

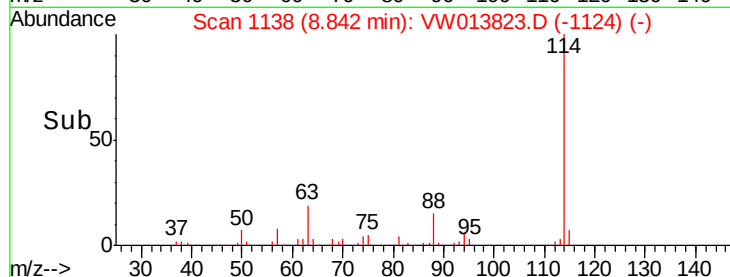
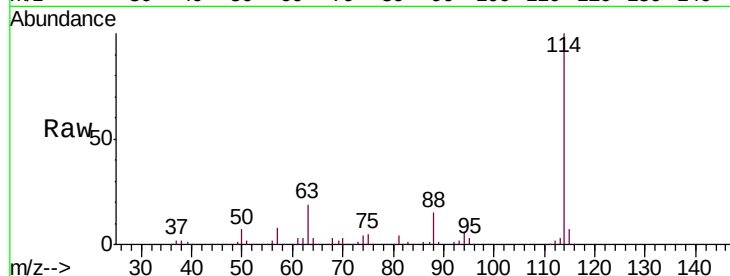
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#

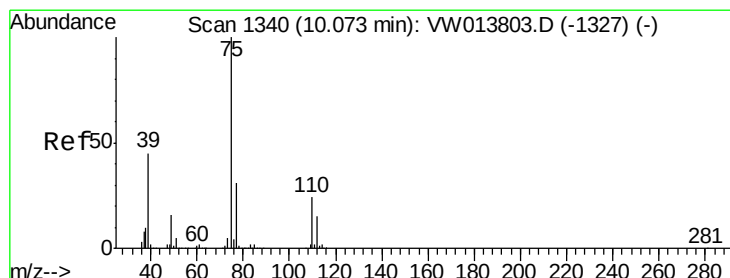
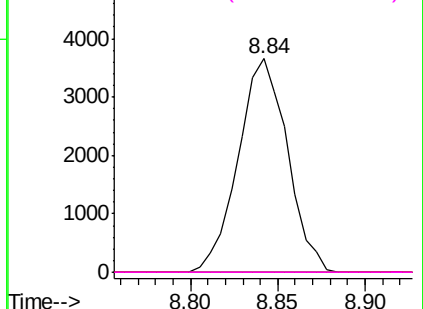


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.465 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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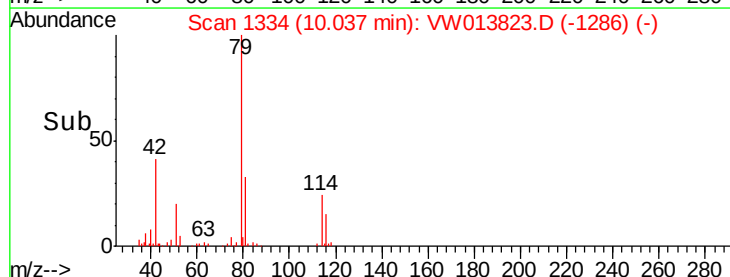
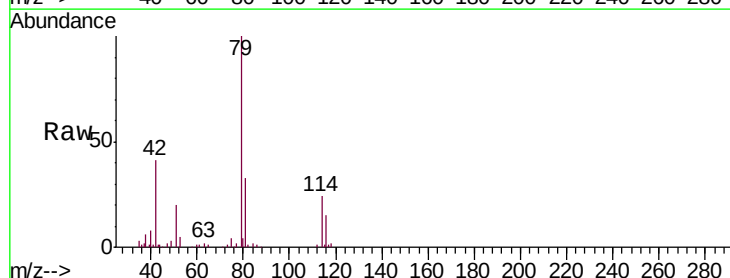
Acq: 30 Oct 2019 05:09

Tgt Ion: 75 Resp: 2874

Ion Ratio Lower Upper

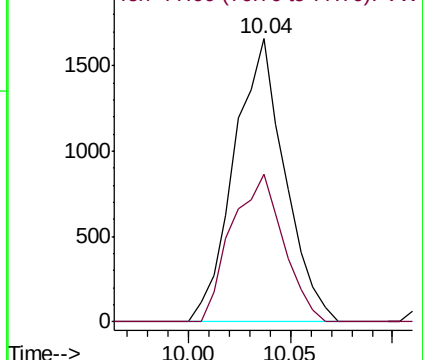
75 100

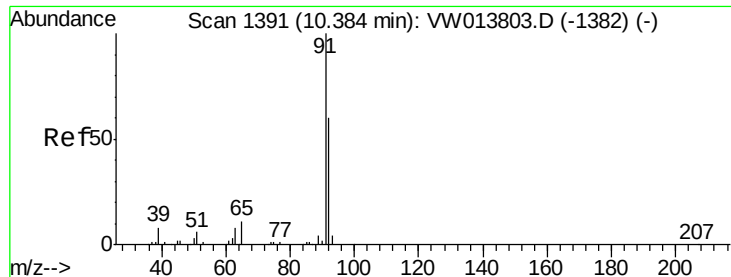
77 52.4 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 0.656 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013823.D

Acq: 30 Oct 2019 05:09

Instrument :

MSVOA_W

ClientSampleId :

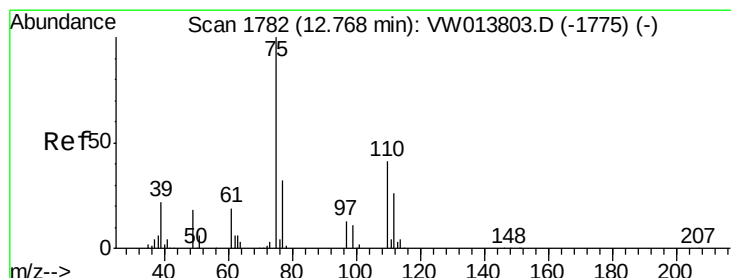
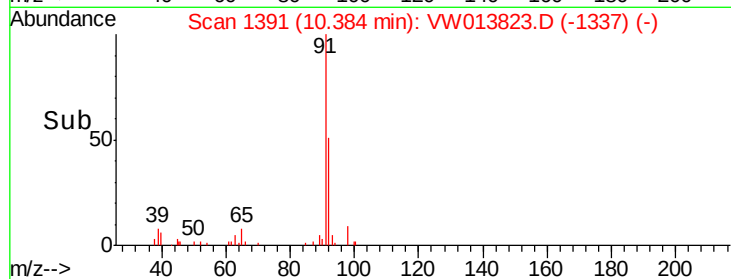
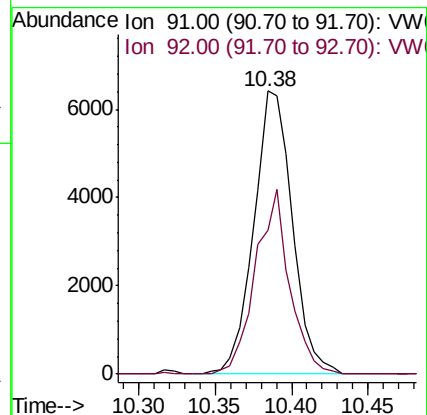
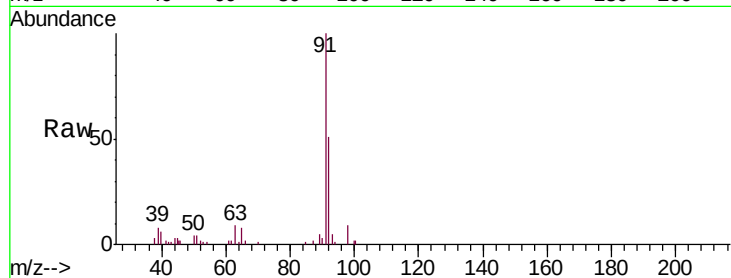
GAQ72

Tgt Ion: 91 Resp: 11278

Ion Ratio Lower Upper

91 100

92 50.8 42.0 78.0



#59

1,2,3-Trichloropropane

Concen: 3.301 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013823.D

Acq: 30 Oct 2019 05:09

Tgt Ion: 75 Resp: 8711

Ion Ratio Lower Upper

75 100

77 39.0 26.4 39.6

