

Data File : VW011268.D
Acq On : 15 Jul 2019 18:24
Operator : SY/VA
Sample : K3798-05
Misc : 4.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52G9

Quant Time: Jul 16 05:07:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	267598	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	202337	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	62577	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	60810	14.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.52%
7) Chloroethane-d5	2.89	69	48054	16.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.04%
10) 1,1-Dichloroethene-d2	4.01	63	109333	12.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.52%
20) 2-Butanone-d5	7.07	46	96846	60.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.34%
24) Chloroform-d	7.65	84	150866	20.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.28%
26) 1,2-Dichloroethane-d4	8.30	65	103532	22.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.68%
29) Benzene-d6	8.27	84	289980	23.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.04%
33) 1,2-Dichloropropane-d6	9.27	67	105015	25.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.48%
37) Toluene-d8	10.32	98	224541	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.84%
38) trans-1,3-Dichloropropene-	10.58	79	39463	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.44%
39) 2-Hexanone-d5	10.92	63	64484	69.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.54%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89774	26.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	46898	19.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.08%

Target Compounds

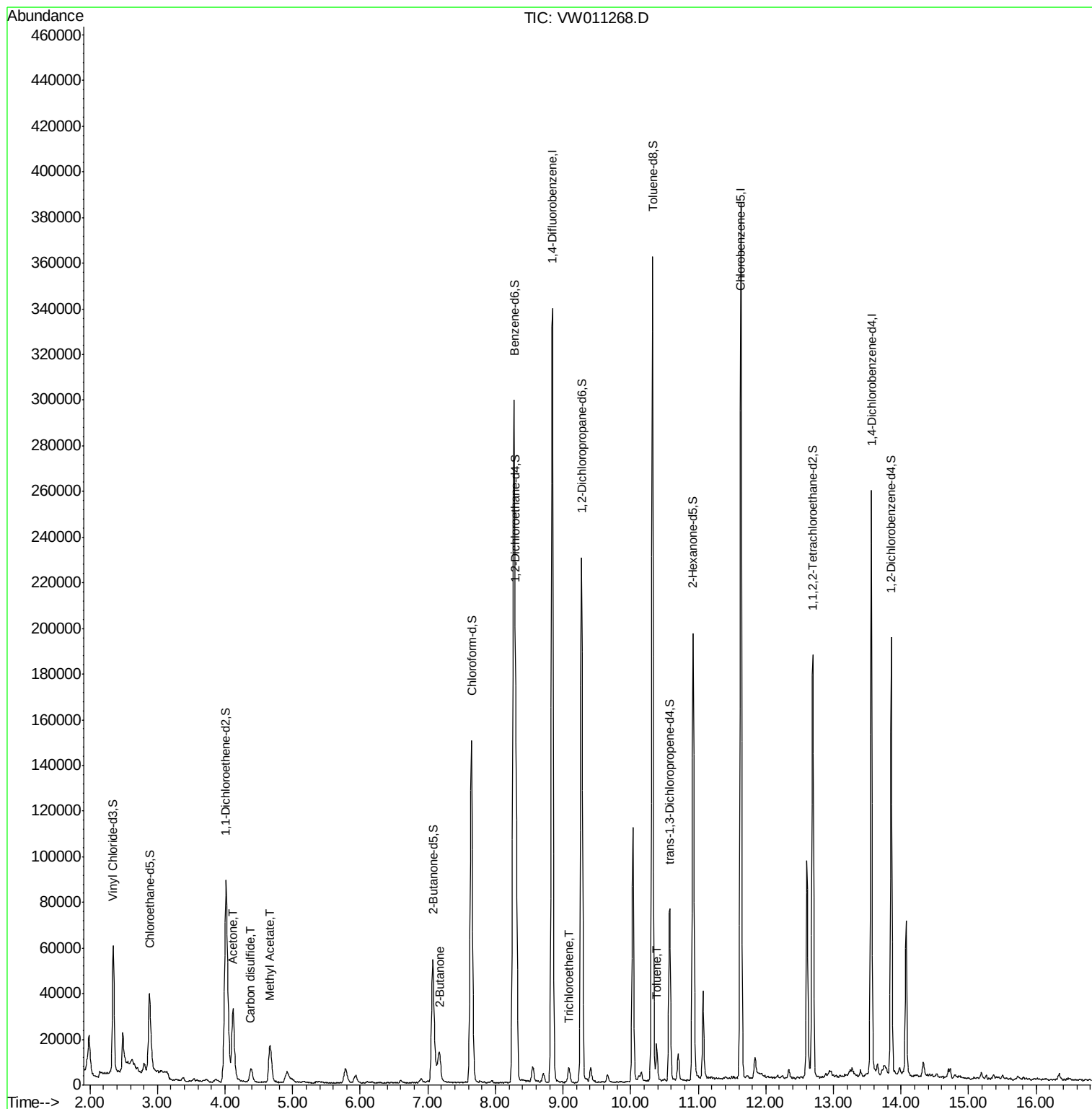
						Qvalue
13) Acetone	4.12	43	56408	35.879	ug/L	98
14) Carbon disulfide	4.38	76	9042	0.899	ug/L	95
15) Methyl Acetate	4.67	43	33392	13.053	ug/L	100
21) 2-Butanone	7.17	43	14722	7.254	ug/L	97
35) Trichloroethene	9.09	95	2050	0.642	ug/L	90
44) Toluene	10.38	91	11462	0.876	ug/L	99

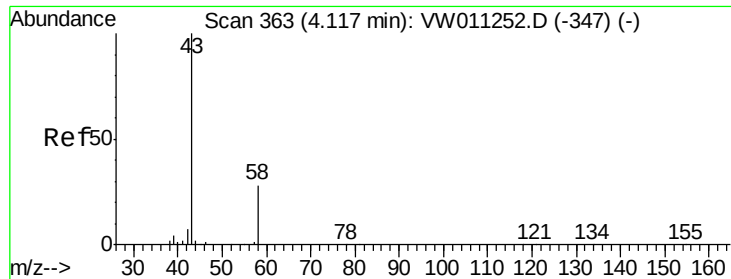
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 35.879 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Acq: 15 Jul 2019 18:24

Instrument :

MSVOA_W

ClientSampleId :

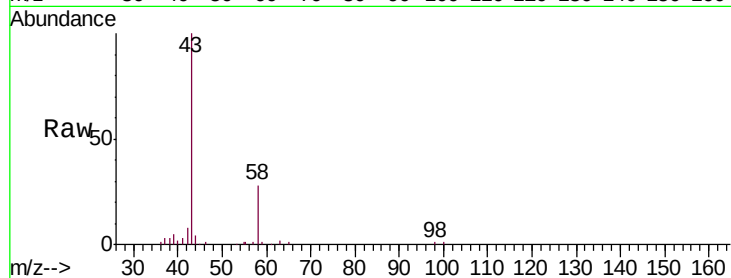
A52G9

Tgt Ion: 43 Resp: 56408

Ion Ratio Lower Upper

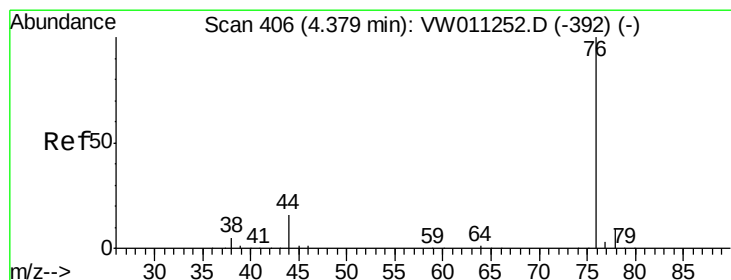
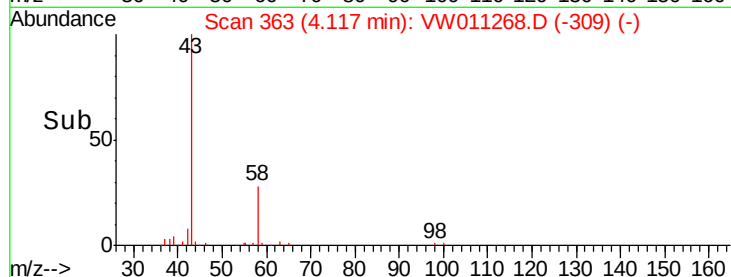
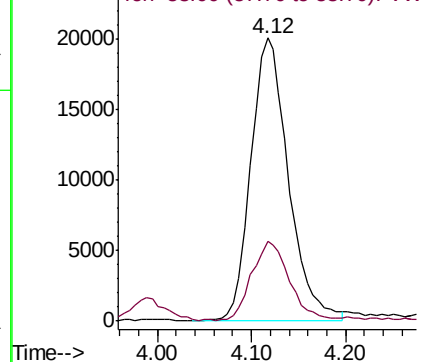
43 100

58 28.7 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.899 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

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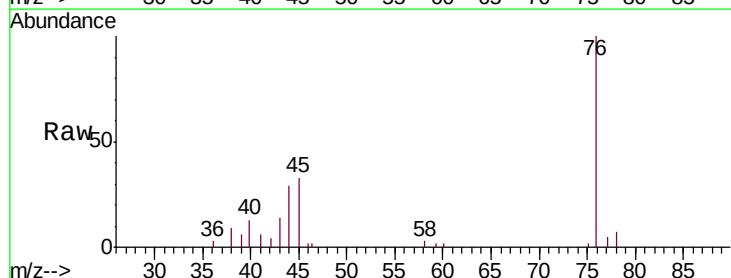
Acq: 15 Jul 2019 18:24

Tgt Ion: 76 Resp: 9042

Ion Ratio Lower Upper

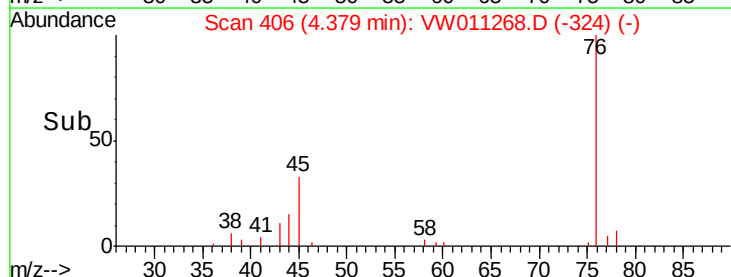
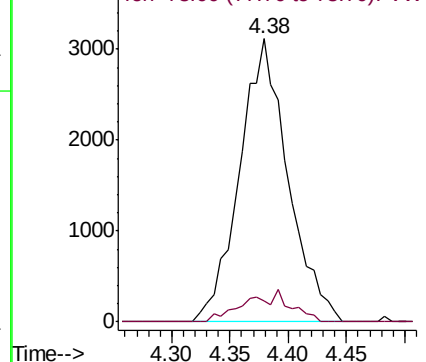
76 100

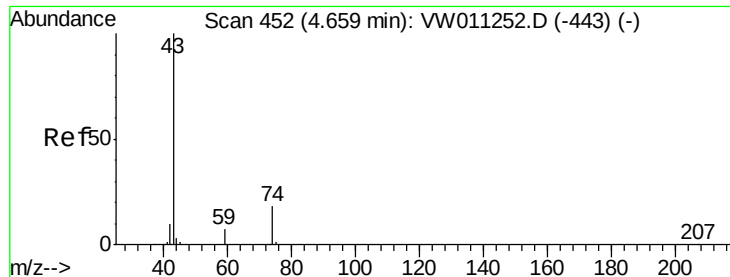
78 7.4 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#15

Methyl Acetate

Concen: 13.053 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

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Acq: 15 Jul 2019 18:24

Instrument :

MSVOA_W

ClientSampled :

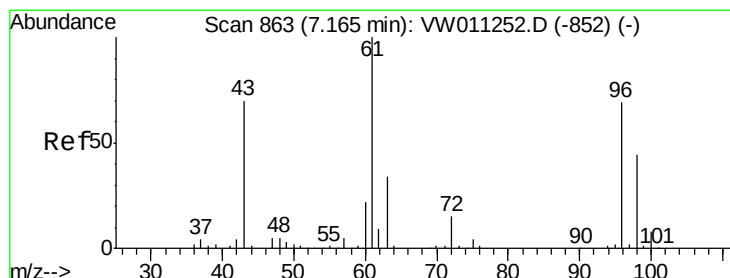
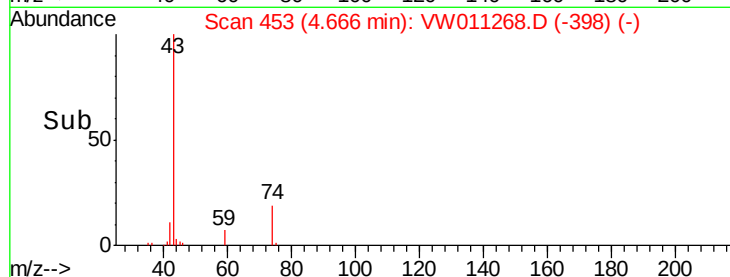
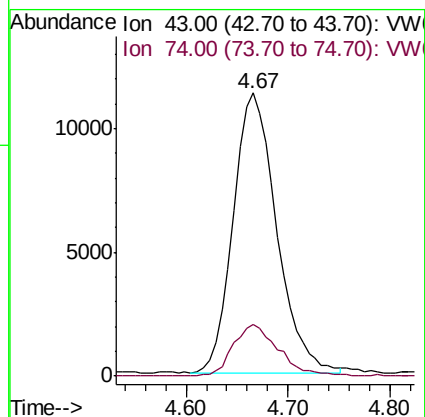
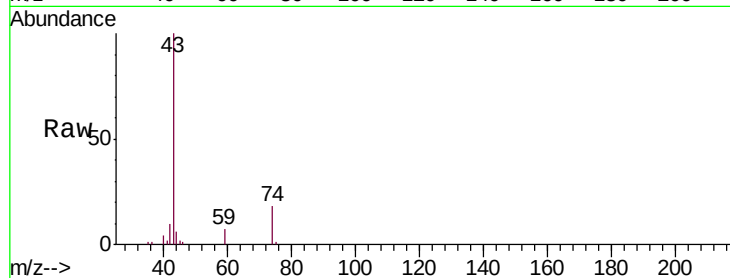
A52G9

Tgt Ion: 43 Resp: 33392

Ion Ratio Lower Upper

43 100

74 19.0 15.1 22.7



#21

2-Butanone

Concen: 7.254 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW011268.D

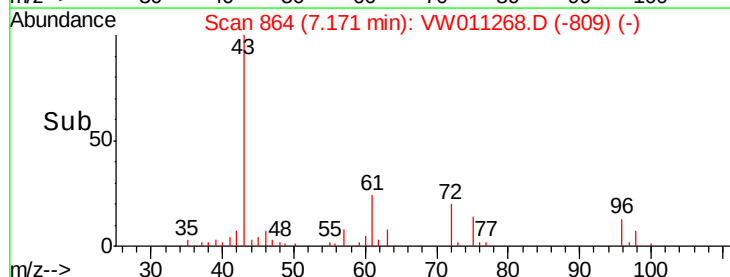
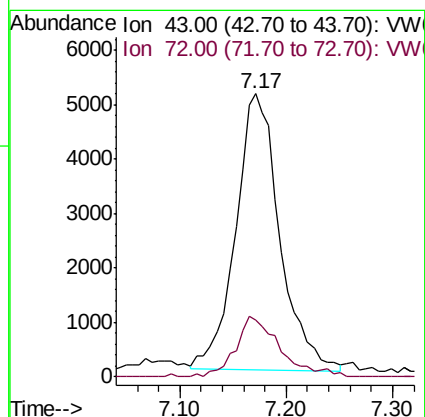
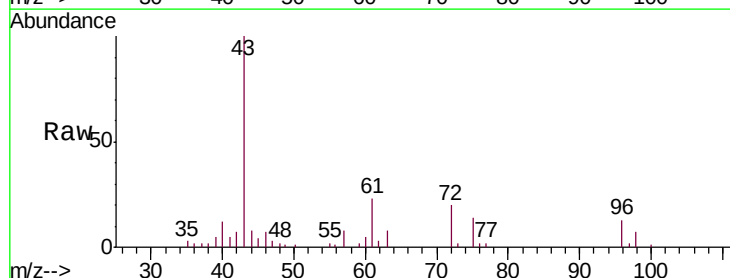
Acq: 15 Jul 2019 18:24

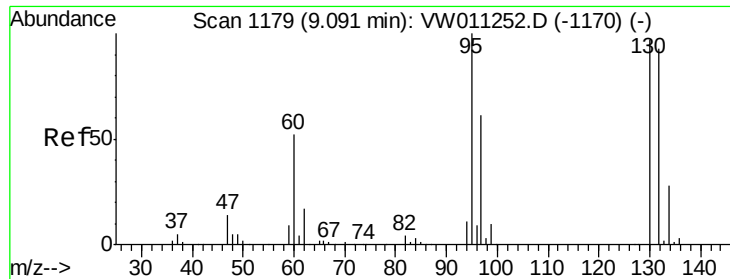
Tgt Ion: 43 Resp: 14722

Ion Ratio Lower Upper

43 100

72 20.8 11.2 33.6





#35

Trichloroethene

Concen: 0.642 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW011268.D

Acq: 15 Jul 2019 18:24

Instrument :

MSVOA_W

ClientSampleId :

A52G9

Tgt Ion: 95 Resp: 2050

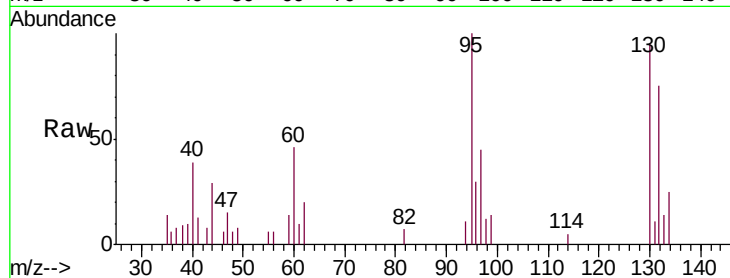
Ion Ratio Lower Upper

95 100

97 53.7 45.4 84.2

132 80.4 65.0 120.8

130 92.4 67.8 126.0



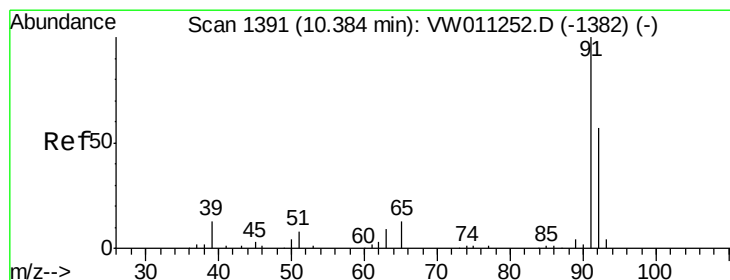
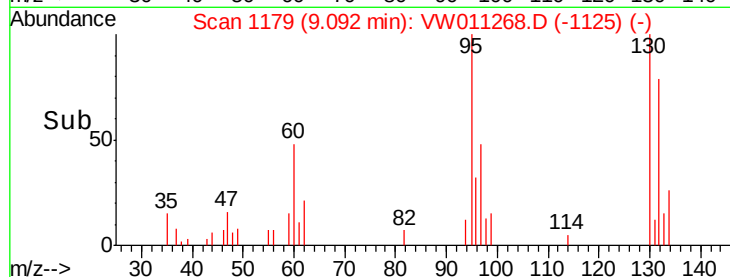
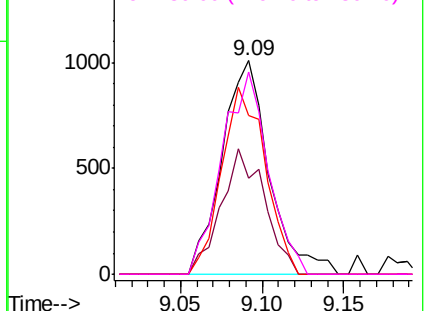
Abundance

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



#44

Toluene

Concen: 0.876 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011268.D

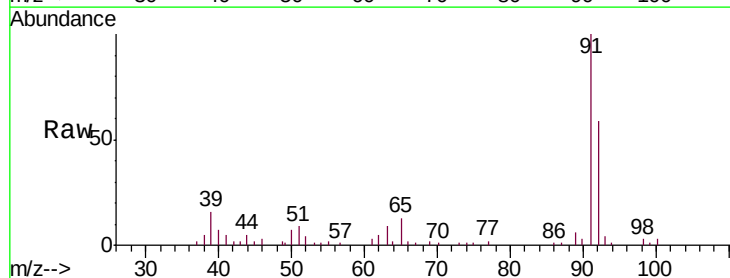
Acq: 15 Jul 2019 18:24

Tgt Ion: 91 Resp: 11462

Ion Ratio Lower Upper

91 100

92 59.3 40.8 75.8



Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

