

Data File : VW012936.D
Acq On : 12 Sep 2019 16:22
Operator : SY/VA
Sample : K4811-02MS
Misc : 4.85G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOG2MS

Quant Time: Sep 13 02:51:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091219S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 13 02:47:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	428279	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	374675	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	168469	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	85448	19.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.36%
7) Chloroethane-d5	2.86	69	69320	19.56	ug/L	-0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.24%
10) 1,1-Dichloroethene-d2	4.01	63	214707	20.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.40%
20) 2-Butanone-d5	7.07	46	90604	56.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.52%
24) Chloroform-d	7.64	84	209378	19.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.32%
26) 1,2-Dichloroethane-d4	8.31	65	126283	21.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.32%
29) Benzene-d6	8.27	84	380546	19.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.64%
33) 1,2-Dichloropropane-d6	9.27	67	130638	20.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.80%
37) Toluene-d8	10.32	98	358928	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.88%
38) trans-1,3-Dichloropropene-	10.58	79	57640	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.92%
39) 2-Hexanone-d5	10.92	63	63873	53.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114329	24.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	137557	21.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.76%

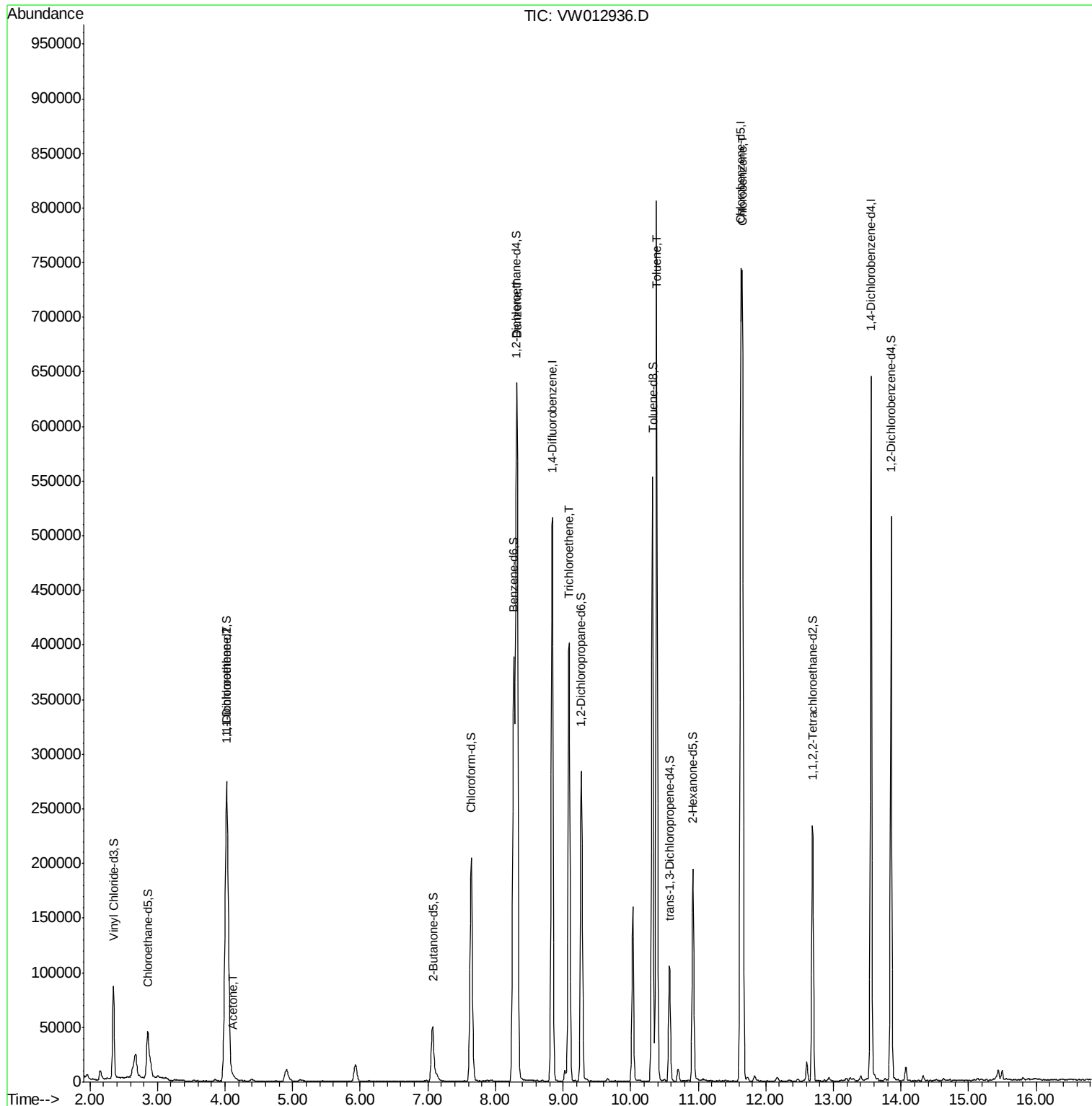
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.03	96	119210	23.342	ug/L	93
13) Acetone	4.12	43	3194	2.301	ug/L	71
34) Benzene	8.32	78	545956	24.232	ug/L	100
35) Trichloroethene	9.09	95	139404	23.444	ug/L	99
44) Toluene	10.38	91	573300	23.780	ug/L	100
52) Chlorobenzene	11.65	112	350770	23.287	ug/L	97

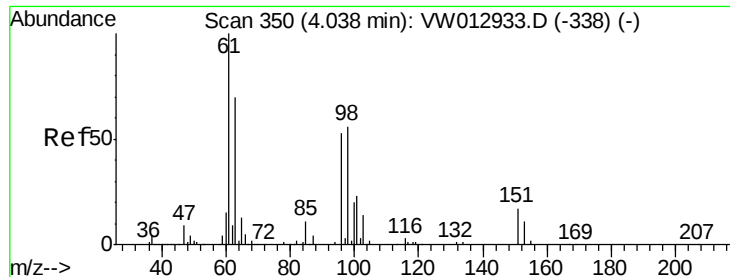
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 23.342 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

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Acq: 12 Sep 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

ETOG2MS

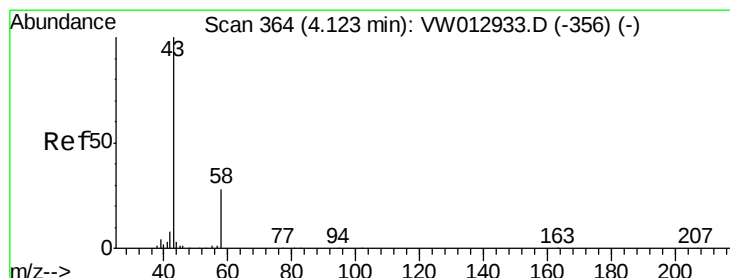
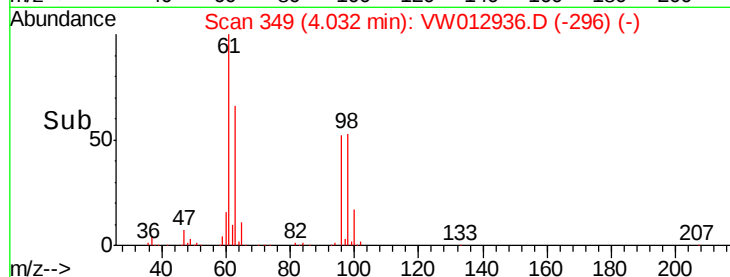
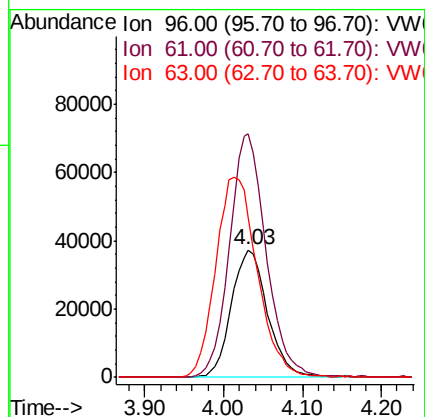
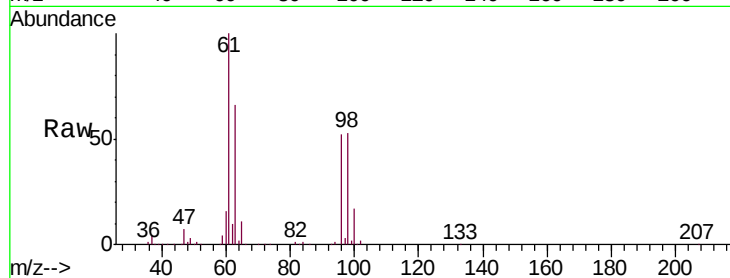
Tgt Ion: 96 Resp: 119210

Ion Ratio Lower Upper

96 100

61 191.4 135.3 251.3

63 126.3 102.0 189.4



#13

Acetone

Concen: 2.301 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012936.D

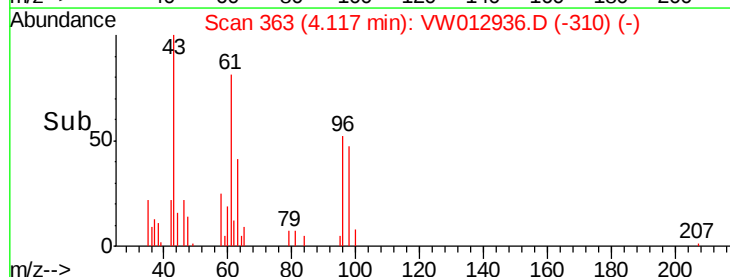
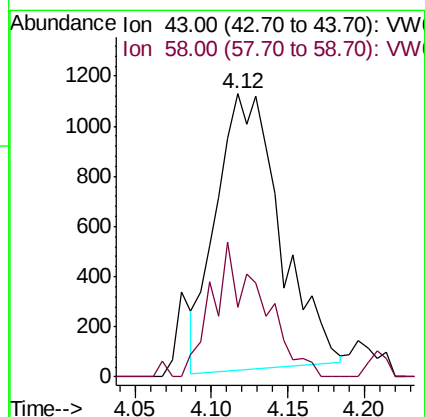
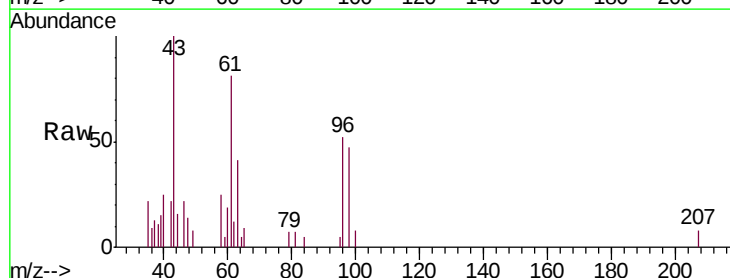
Acq: 12 Sep 2019 16:22

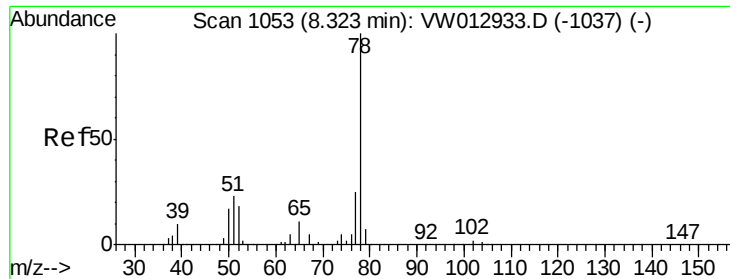
Tgt Ion: 43 Resp: 3194

Ion Ratio Lower Upper

43 100

58 14.0 0.0 59.4





#34

Benzene

Concen: 24.232 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW012936.D

Acq: 12 Sep 2019 16:22

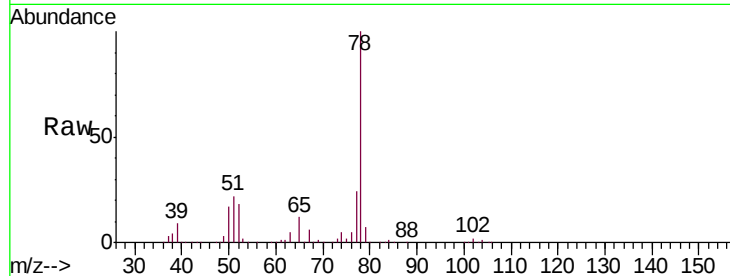
Instrument :

MSVOA_W

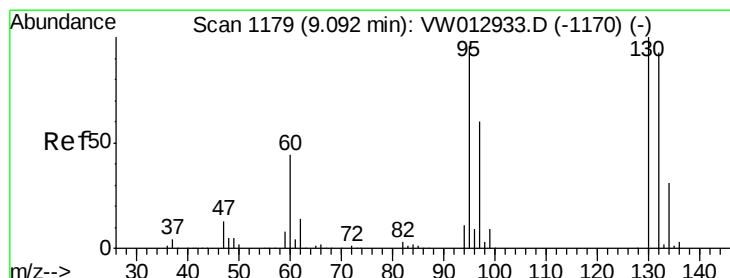
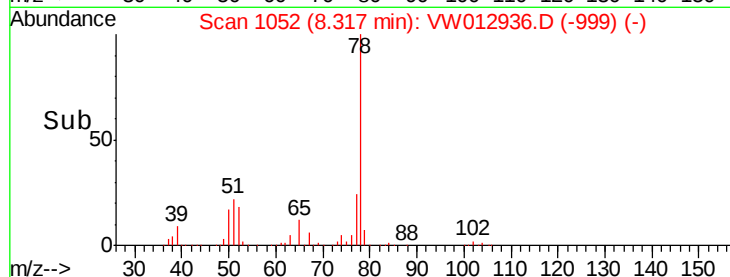
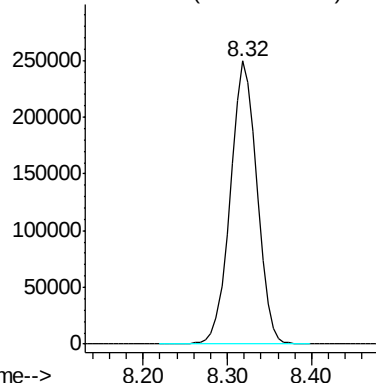
ClientSampleId :

ETOG2MS

Tgt Ion: 78 Resp: 545956



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 23.444 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW012936.D

Acq: 12 Sep 2019 16:22

Tgt Ion: 95 Resp: 139404

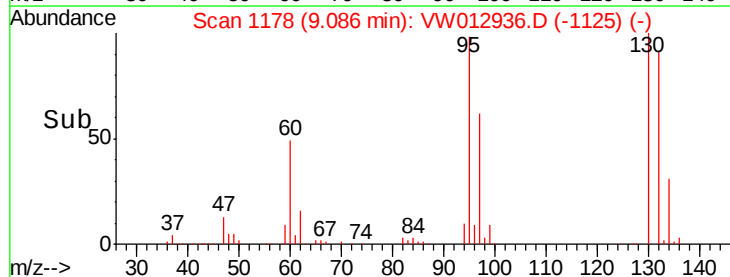
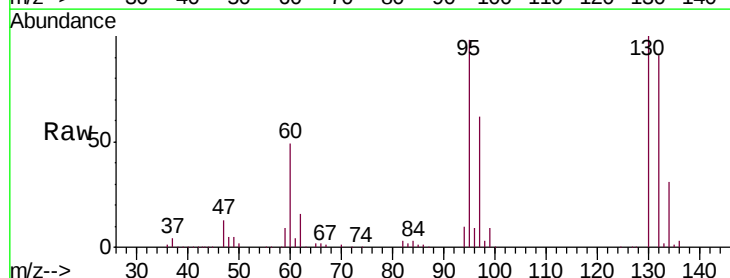
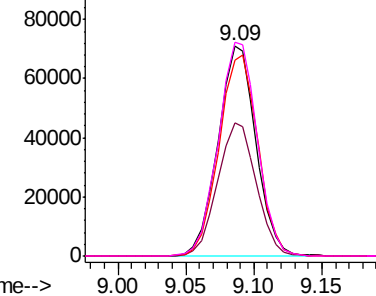
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.6	82.8
132	97.7	67.8	125.8
130	103.9	72.2	134.2

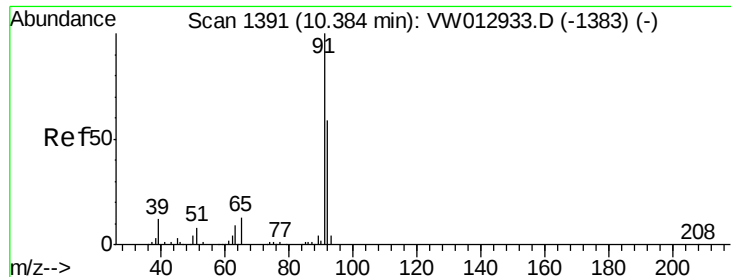
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 23.780 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW012936.D

Acq: 12 Sep 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

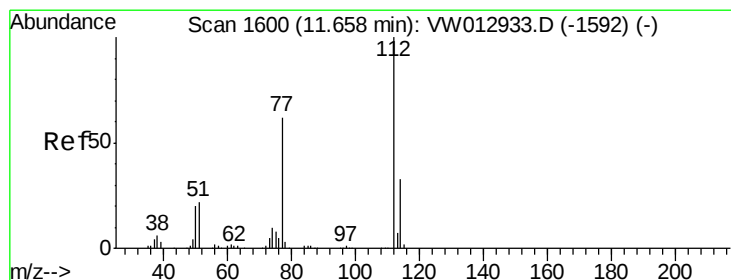
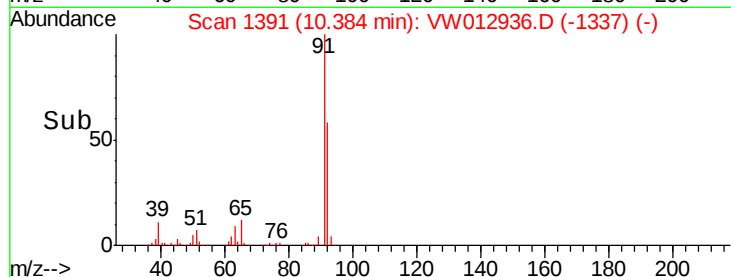
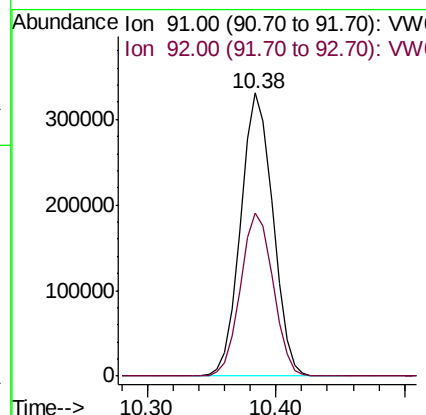
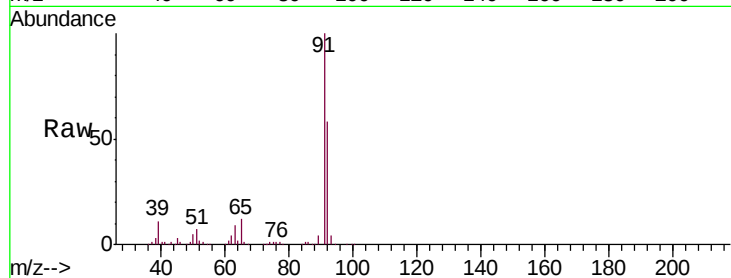
ETOG2MS

Tgt Ion: 91 Resp: 573300

Ion Ratio Lower Upper

91 100

92 57.7 40.7 75.5



#52

Chlorobenzene

Concen: 23.287 ug/L

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW012936.D

Acq: 12 Sep 2019 16:22

Tgt Ion: 112 Resp: 350770

Ion Ratio Lower Upper

112 100

77 62.5 47.7 71.5

114 31.9 21.6 40.0

