

Data File : VW012937.D
Acq On : 12 Sep 2019 16:48
Operator : SY/VA
Sample : K4811-03MSD
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOG2MSD

Quant Time: Sep 13 02:51:30 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	385877	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331197	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	142772	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	79250	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.68%
7) Chloroethane-d5	2.89	69	62185	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.92%
10) 1,1-Dichloroethene-d2	4.02	63	193256	20.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.28%
20) 2-Butanone-d5	7.07	46	85589	58.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.96%
24) Chloroform-d	7.65	84	188779	19.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.40%
26) 1,2-Dichloroethane-d4	8.31	65	116936	22.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.72%
29) Benzene-d6	8.27	84	344384	20.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.52%
33) 1,2-Dichloropropane-d6	9.27	67	119026	21.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.32%
37) Toluene-d8	10.32	98	323593	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.44%
38) trans-1,3-Dichloropropene-	10.58	79	53314	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.76%
39) 2-Hexanone-d5	10.92	63	59361	56.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106374	25.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	114445	21.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.20%

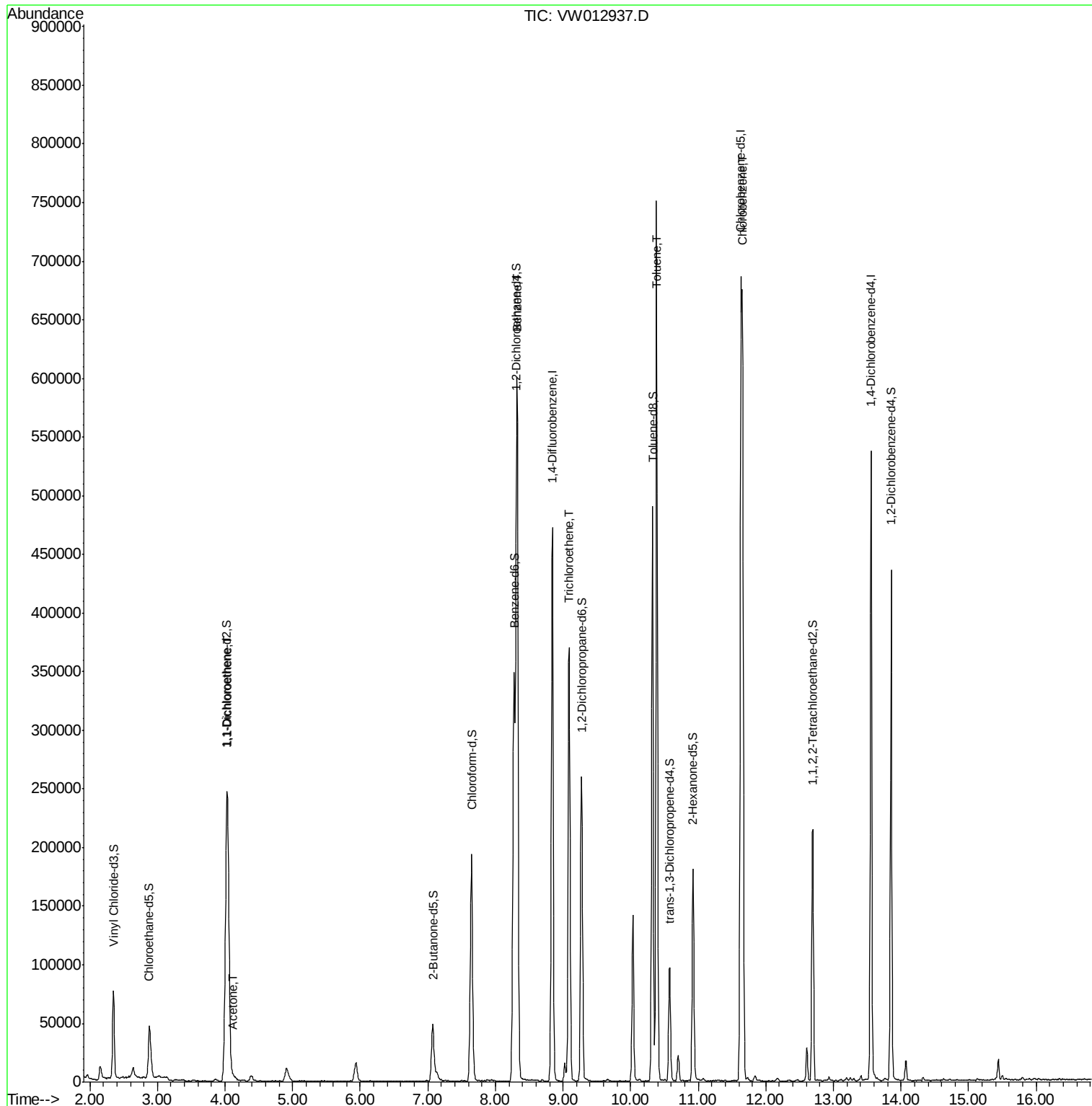
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.04	96	111976	24.334	ug/L	84
13) Acetone	4.12	43	4221	3.375	ug/L	84
34) Benzene	8.32	78	504369	25.324	ug/L	100
35) Trichloroethene	9.09	95	131231	24.967	ug/L	99
44) Toluene	10.38	91	532971	25.009	ug/L	99
52) Chlorobenzene	11.66	112	324024	24.335	ug/L	98

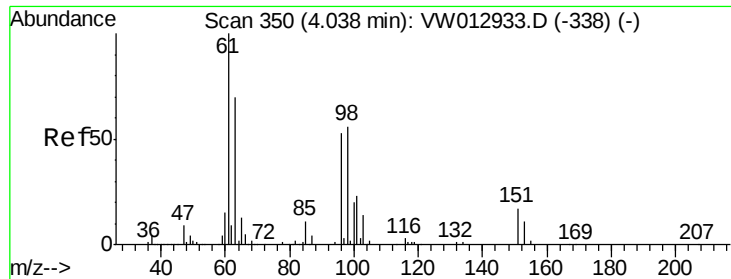
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 13 02:47:59 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 24.334 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

ETOG2MSD

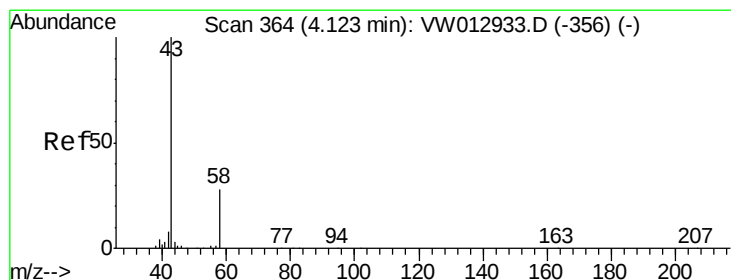
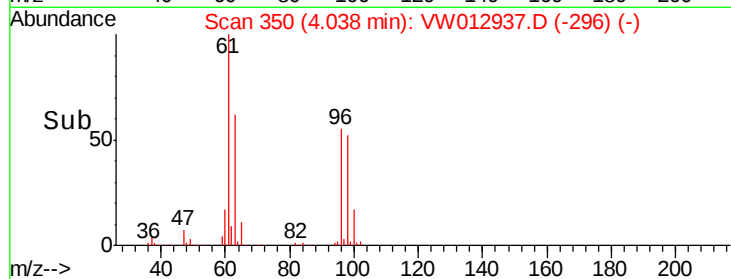
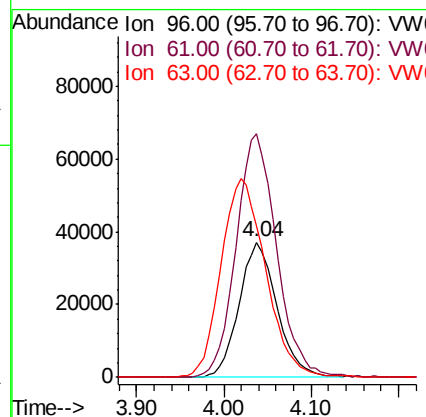
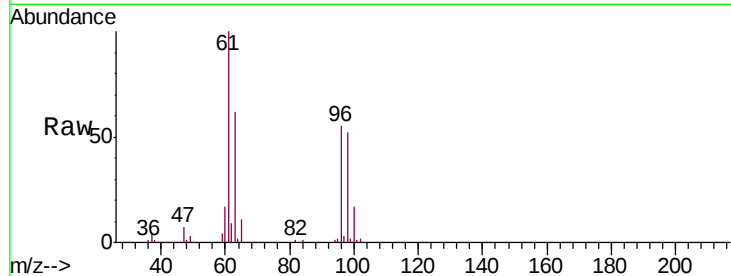
Tgt Ion: 96 Resp: 111976

Ion Ratio Lower Upper

96 100

61 180.5 135.3 251.3

63 112.4 102.0 189.4



#13

Acetone

Concen: 3.375 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012937.D

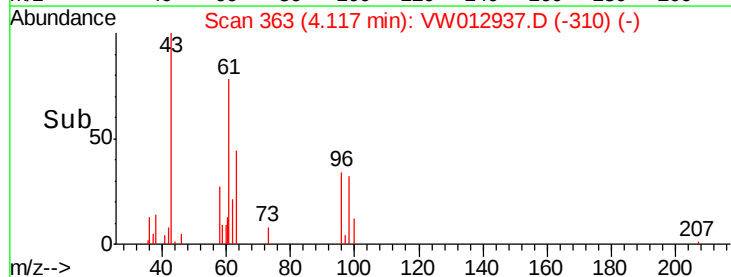
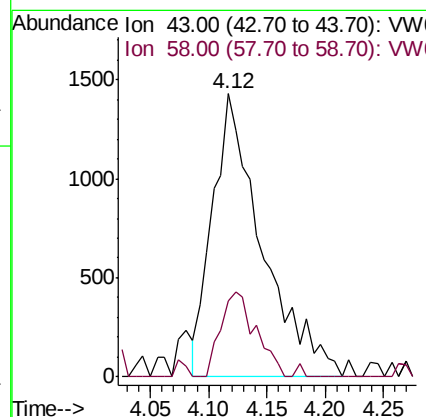
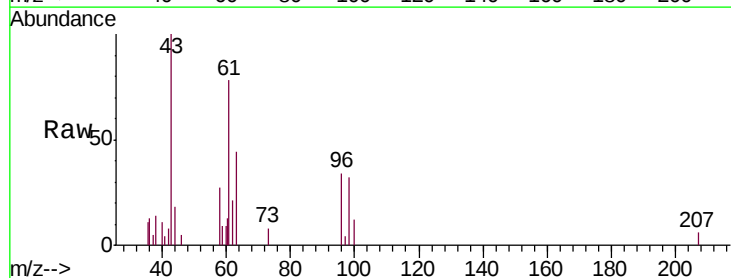
Acq: 12 Sep 2019 16:48

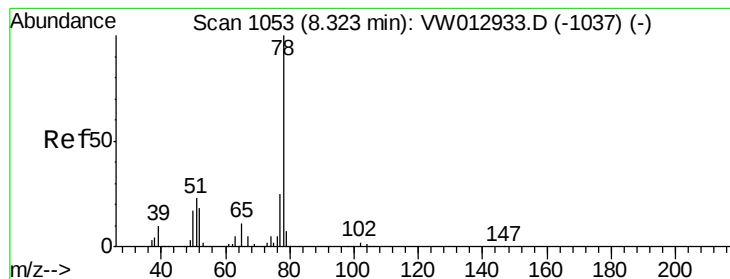
Tgt Ion: 43 Resp: 4221

Ion Ratio Lower Upper

43 100

58 21.3 0.0 59.4





#34

Benzene

Concen: 25.324 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW012937.D

Acq: 12 Sep 2019 16:48

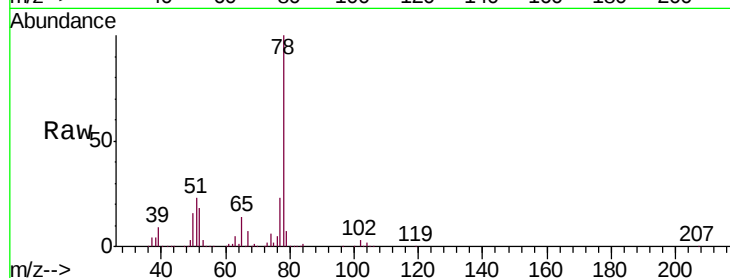
Instrument :

MSVOA_W

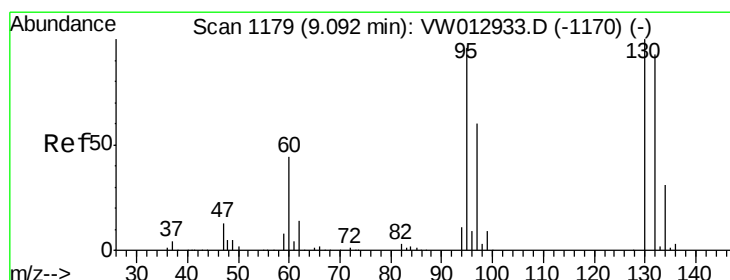
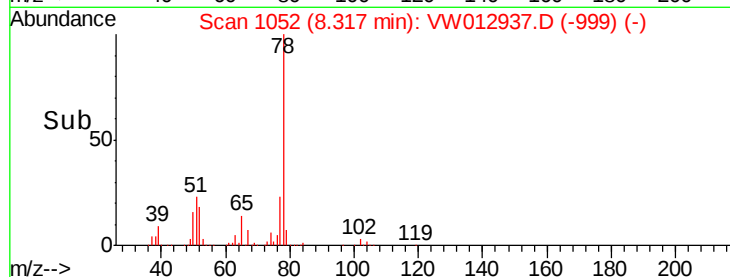
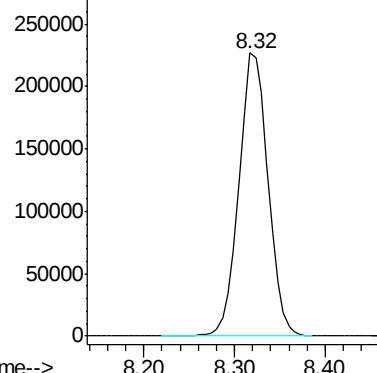
ClientSampleId :

ETOG2MSD

Tgt Ion: 78 Resp: 504369



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 24.967 ug/L

RT: 9.09 min Scan# 1179

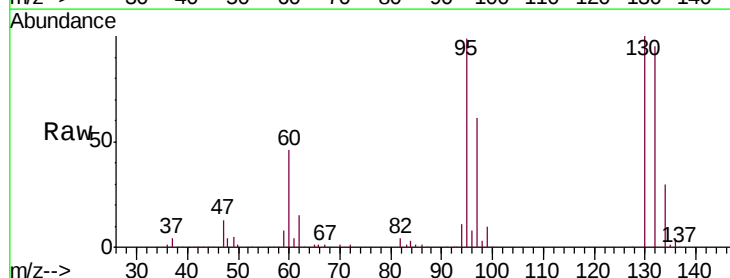
Delta R.T. 0.00 min

Lab File: VW012937.D

Acq: 12 Sep 2019 16:48

Tgt Ion: 95 Resp: 131231

Ion	Ratio	Lower	Upper
95	100		
97	62.4	44.6	82.8
132	97.3	67.8	125.8
130	101.9	72.2	134.2

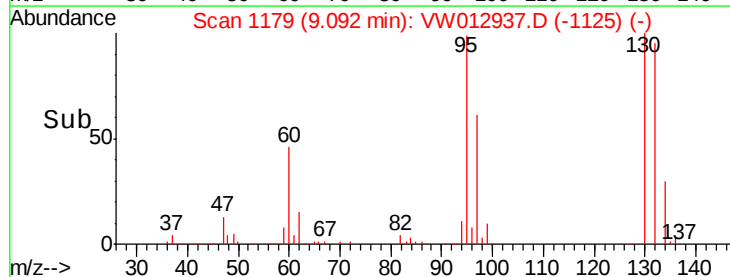
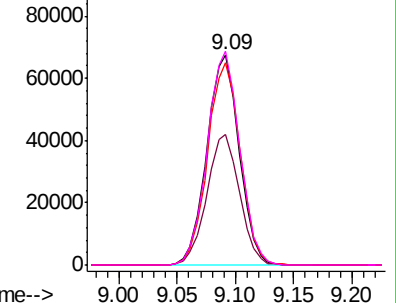


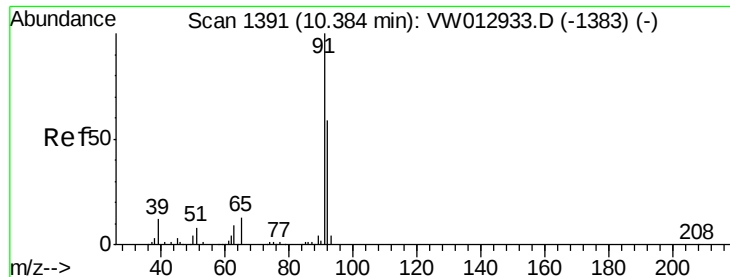
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 25.009 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW012937.D

Acq: 12 Sep 2019 16:48

Instrument :

MSVOA_W

ClientSampleId :

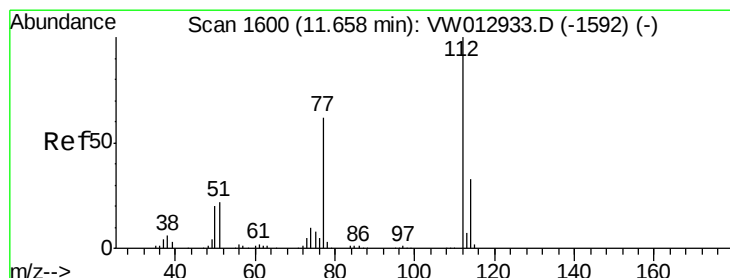
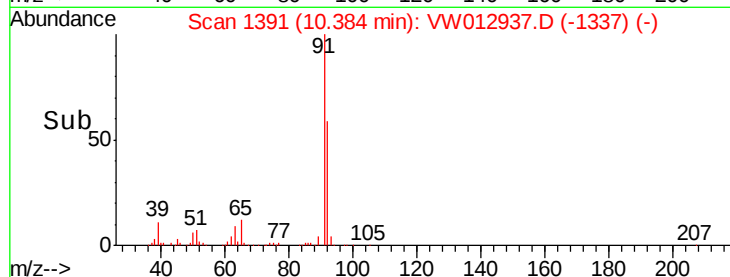
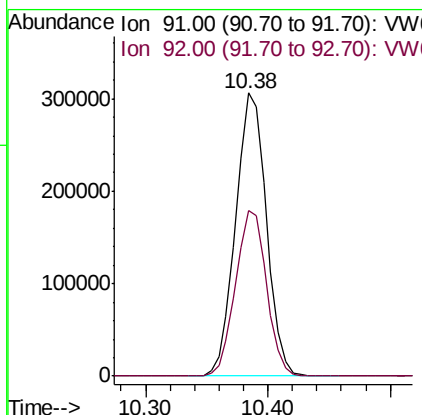
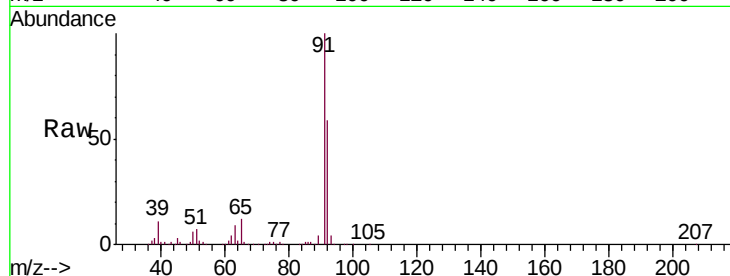
ETOG2MSD

Tgt Ion: 91 Resp: 532971

Ion Ratio Lower Upper

91 100

92 58.6 40.7 75.5



#52

Chlorobenzene

Concen: 24.335 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW012937.D

Acq: 12 Sep 2019 16:48

Tgt Ion: 112 Resp: 324024

Ion Ratio Lower Upper

112 100

77 58.5 47.7 71.5

114 31.8 21.6 40.0

