

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
 Data File : VW015922.D
 Acq On : 23 Jul 2020 15:29
 Operator : SY/VA
 Sample : L3395-01
 Misc : 5.92G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY13

Quant Time: Jul 24 07:33:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 06:59:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	481755	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	370258	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	96645	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	148730	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
7) Chloroethane-d5	2.89	69	116883	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.68%
10) 1,1-Dichloroethene-d2	4.01	63	220881	16.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.28%
20) 2-Butanone-d5	7.10	46	85144	47.68	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.36%
24) Chloroform-d	7.65	84	275713	20.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.52%
26) 1,2-Dichloroethane-d4	8.31	65	158737	21.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.48%
29) Benzene-d6	8.27	84	549663	24.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.56%
33) 1,2-Dichloropropane-d6	9.28	67	168942	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.00%
37) Toluene-d8	10.33	98	462217	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.56%
38) trans-1,3-Dichloropropene-	10.59	79	65094	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.40%
39) 2-Hexanone-d5	10.93	63	61675	54.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120288	23.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	78306	20.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.12%

Target Compounds

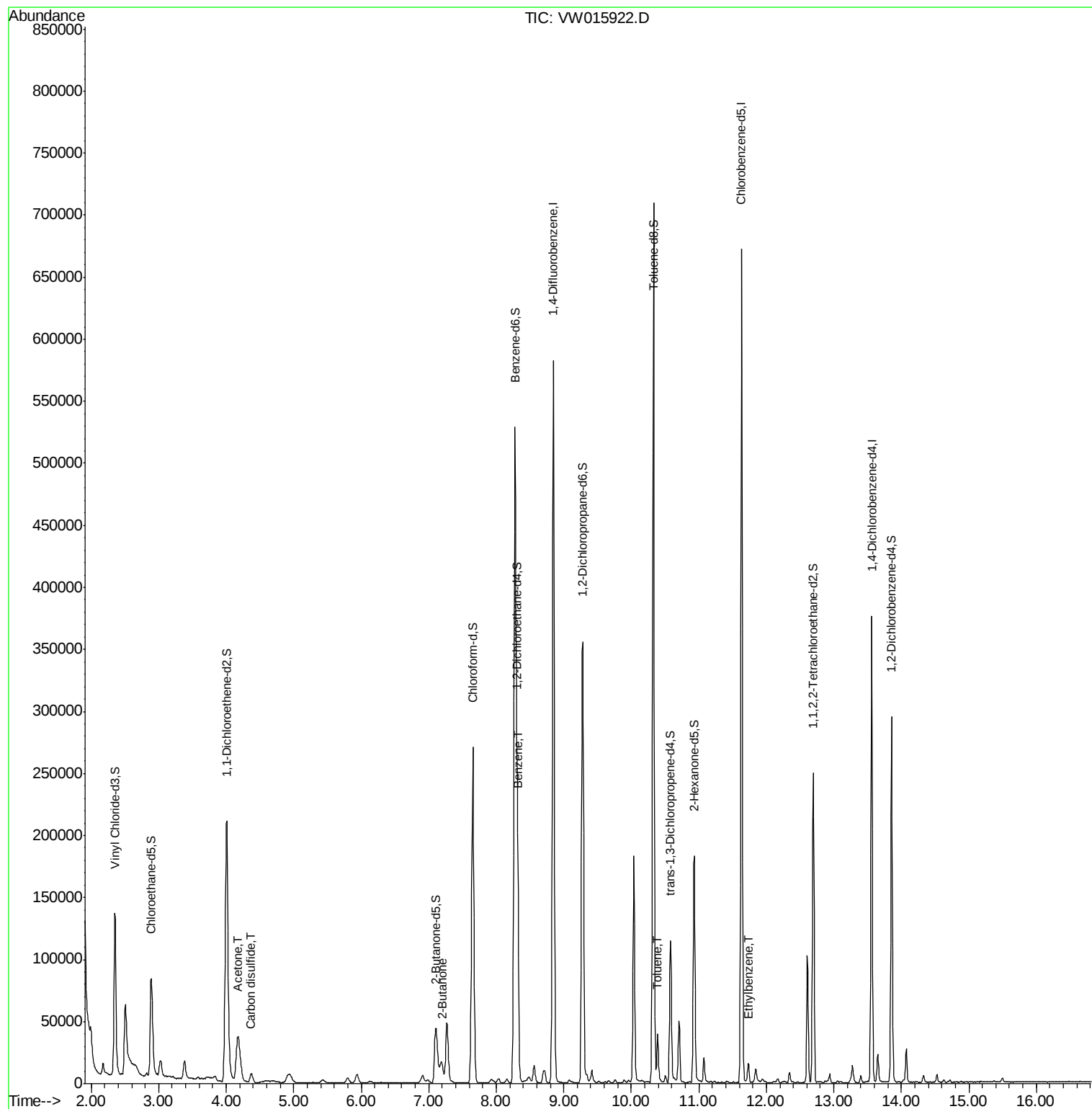
					Qvalue
13) Acetone	4.18	43	103265	68.862 ug/L	97
14) Carbon disulfide	4.37	76	16489	0.843 ug/L	97
21) 2-Butanone	7.20	43	13897	7.494 ug/L	96
34) Benzene	8.32	78	16718	0.743 ug/L	100
44) Toluene	10.39	91	27248	1.155 ug/L	98
53) Ethylbenzene	11.73	91	10063	0.379 ug/L	99

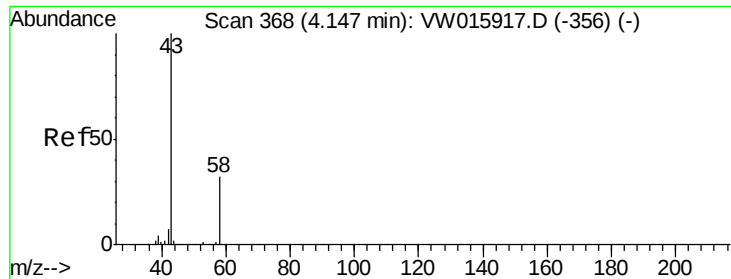
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 24 06:59:55 2020
Response via : Initial Calibration

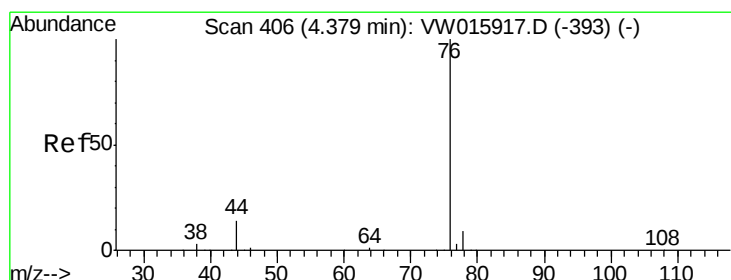
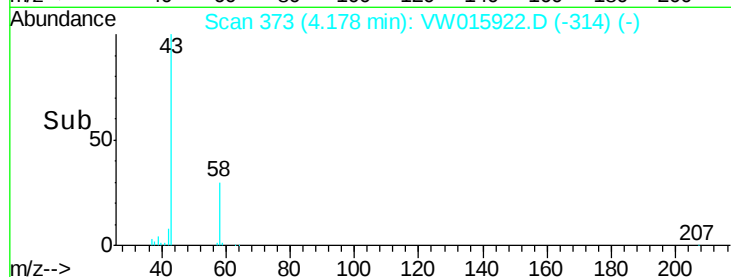
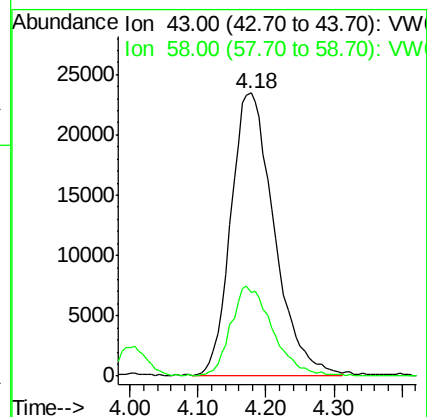
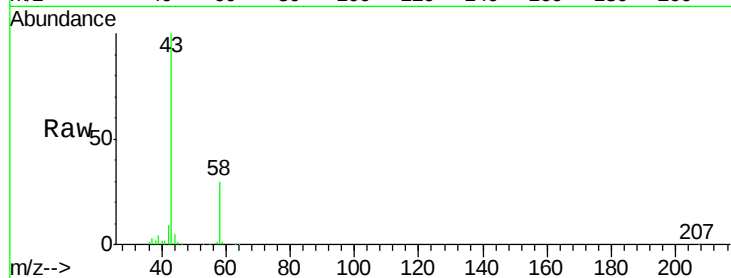




#13
Acetone
Concen: 68.862 ug/L
RT: 4.18 min Scan# 373
Delta R.T. 0.03 min
Lab File: VW015922.D
Acq: 23 Jul 2020 15:29

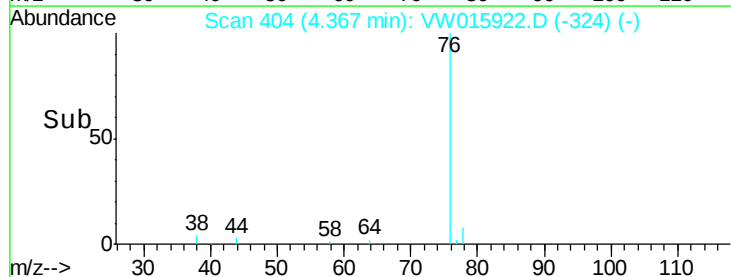
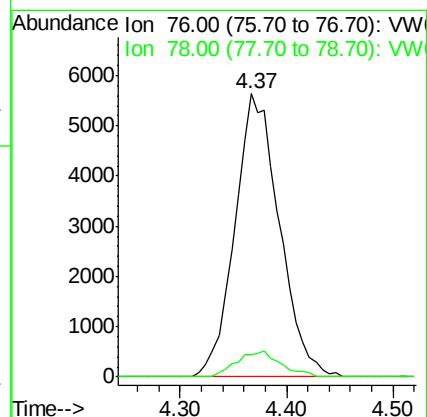
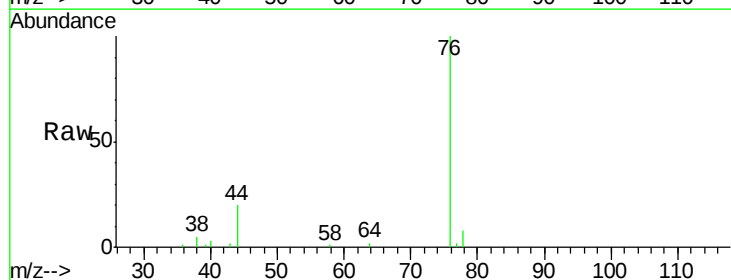
Instrument :
MSVOA_W
ClientSampled :
GAY13

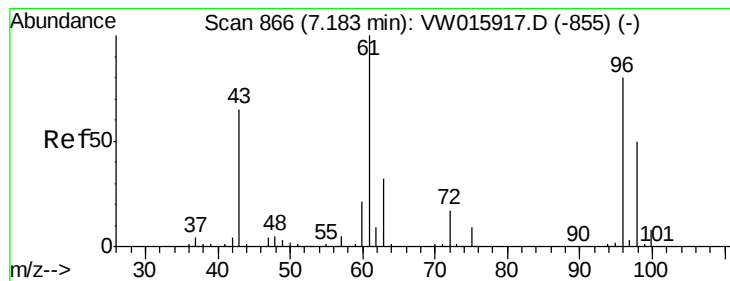
Tgt Ion: 43 Resp: 103265
Ion Ratio Lower Upper
43 100
58 30.9 0.0 58.2



#14
Carbon disulfide
Concen: 0.843 ug/L
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW015922.D
Acq: 23 Jul 2020 15:29

Tgt Ion: 76 Resp: 16489
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8





#21

2-Butanone

Concen: 7.494 ug/L

RT: 7.20 min Scan# 869

Delta R.T. 0.02 min

Lab File: VW015922.D

Acq: 23 Jul 2020 15:29

Instrument :

MSVOA_W

ClientSampleId :

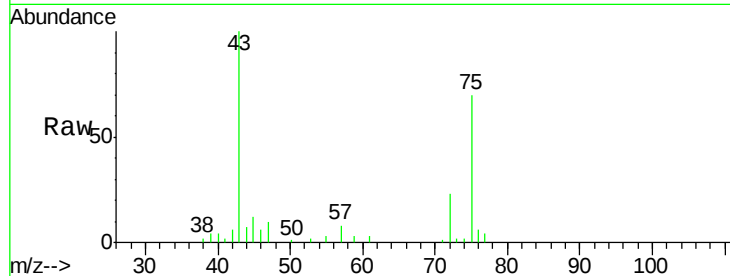
GAY13

Tgt Ion: 43 Resp: 13897

Ion Ratio Lower Upper

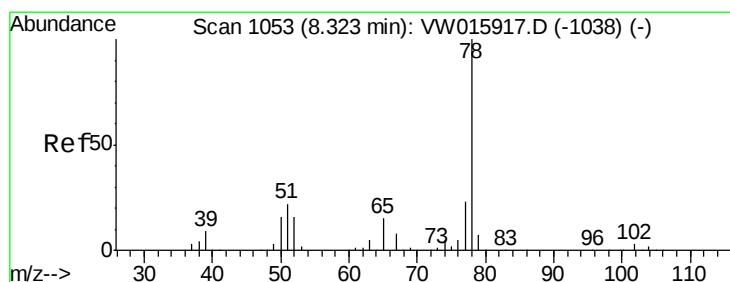
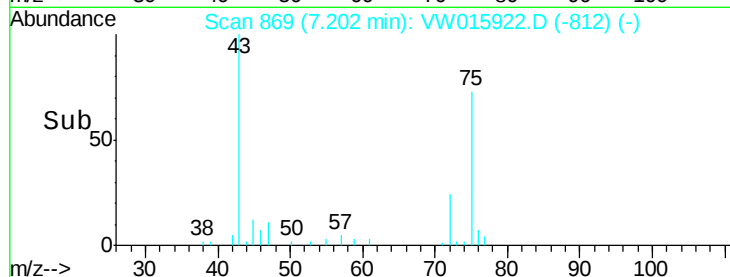
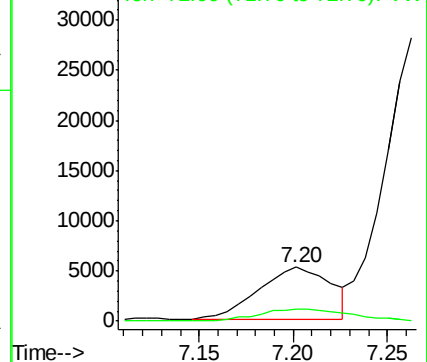
43 100

72 30.2 13.9 41.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#34

Benzene

Concen: 0.743 ug/L

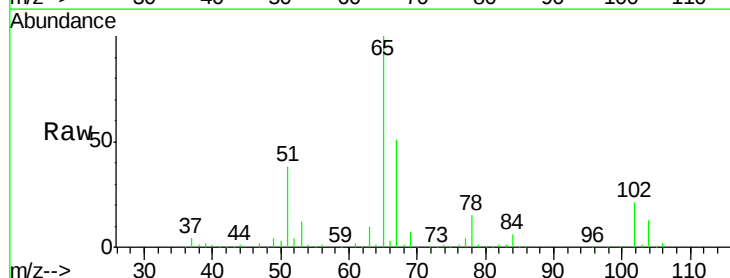
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

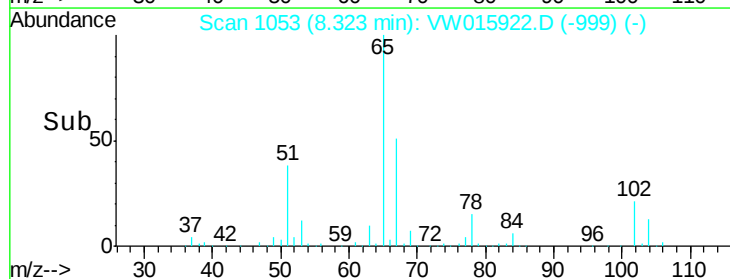
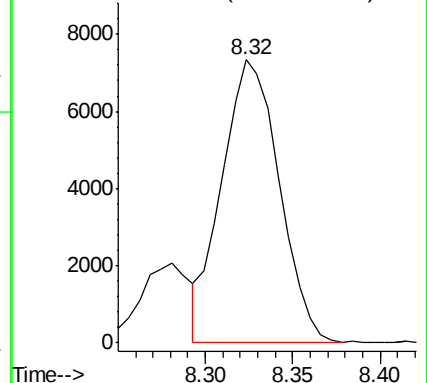
Lab File: VW015922.D

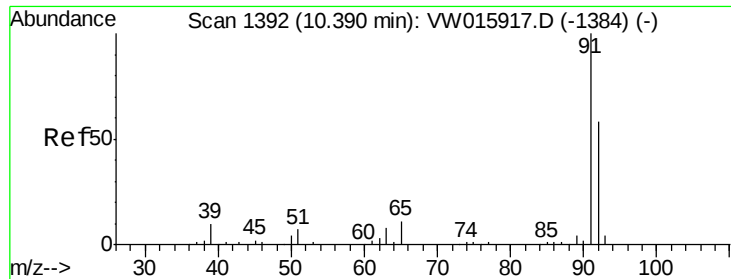
Acq: 23 Jul 2020 15:29

Tgt Ion: 78 Resp: 16718



Abundance Ion 78.00 (77.70 to 78.70): VW





#44

Toluene

Concen: 1.155 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015922.D

Acq: 23 Jul 2020 15:29

Instrument :

MSVOA_W

ClientSampled :

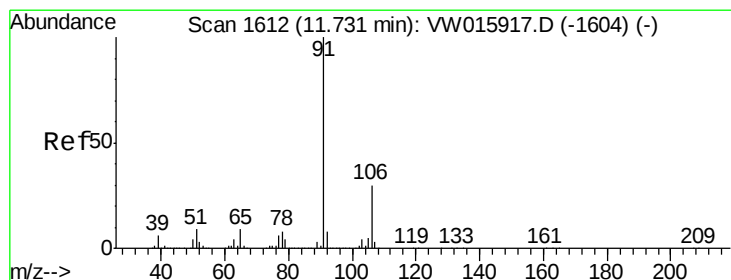
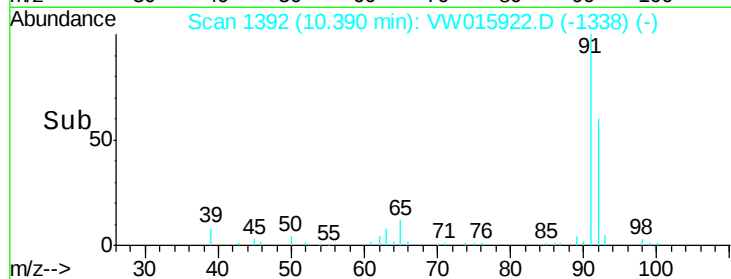
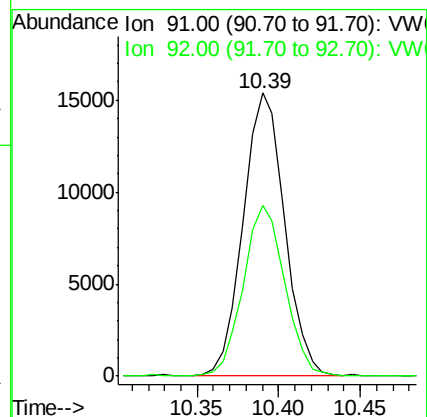
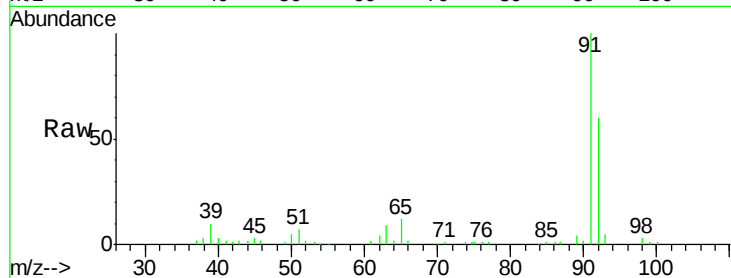
GAY13

Tgt Ion: 91 Resp: 27248

Ion Ratio Lower Upper

91 100

92 60.4 41.2 76.4



#53

Ethylbenzene

Concen: 0.379 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW015922.D

Acq: 23 Jul 2020 15:29

Tgt Ion: 91 Resp: 10063

Ion Ratio Lower Upper

91 100

106 32.5 22.4 41.6

