

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111819\
 Data File : VW014056.D
 Acq On : 18 Nov 2019 12:08
 Operator : SY/VA
 Sample : K5855-01
 Misc : 7.93G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQF3

Quant Time: Nov 19 07:43:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 07:22:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	346132	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298172	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	112723	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112753	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.68%
7) Chloroethane-d5	2.89	69	103220	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.20%
10) 1,1-Dichloroethene-d2	4.01	63	184461	16.28	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.12%
20) 2-Butanone-d5	7.07	46	100695	62.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.52%
24) Chloroform-d	7.64	84	270826	25.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	8.30	65	153425	28.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.68%
29) Benzene-d6	8.27	84	570107	26.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.80%
33) 1,2-Dichloropropane-d6	9.27	67	174765	28.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.80%
37) Toluene-d8	10.32	98	490357	24.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.76%
38) trans-1,3-Dichloropropene-	10.57	79	73837	27.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.28%
39) 2-Hexanone-d5	10.92	63	84015	71.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.98%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	130678	27.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	107477	23.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.92%

Target Compounds

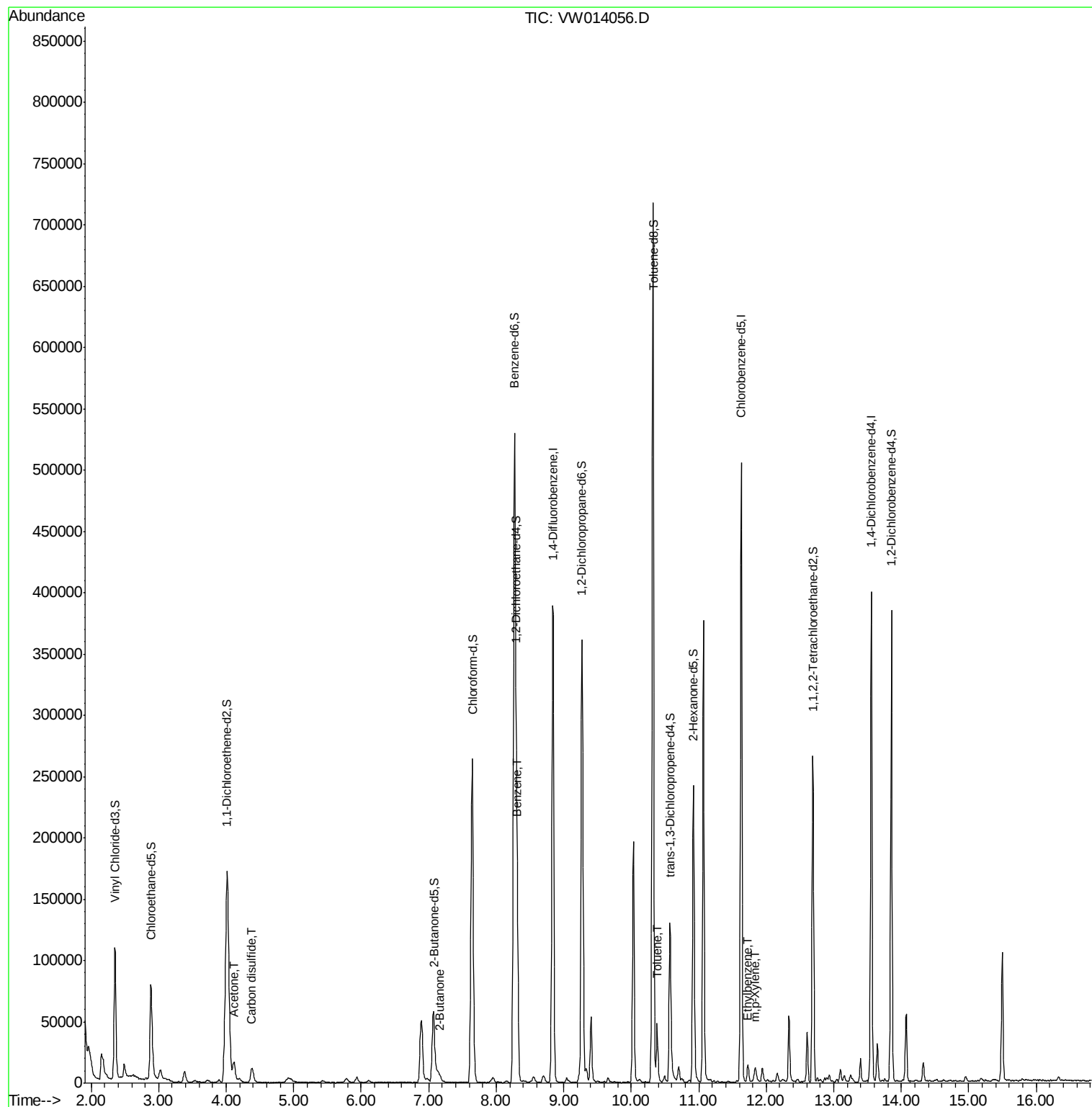
					Ovalue
13) Acetone	4.12	43	25995	15.923	ug/L 97
14) Carbon disulfide	4.37	76	21186	1.274	ug/L 97
21) 2-Butanone	7.17	43	5858	2.793	ug/L 95
34) Benzene	8.32	78	22223	1.016	ug/L 100
44) Toluene	10.38	91	34209	1.435	ug/L 94
53) Ethylbenzene	11.73	91	9603	0.367	ug/L 90
54) m,p-Xylene	11.84	106	3537	0.348	ug/L 93

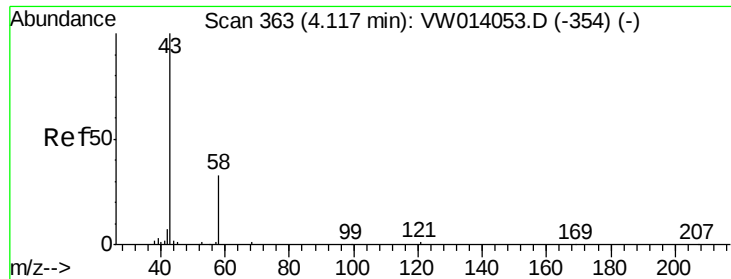
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 15.923 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014056.D

Acq: 18 Nov 2019 12:08

Instrument :

MSVOA_W

ClientSampled :

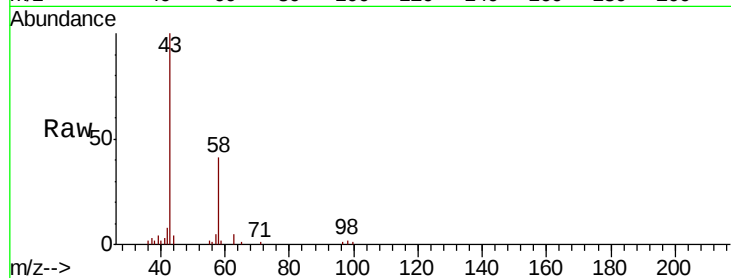
GAQF3

Tot Ion: 43 Resp: 25995

Ion Ratio Lower Upper

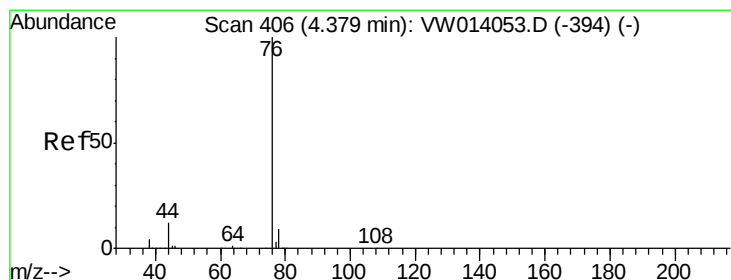
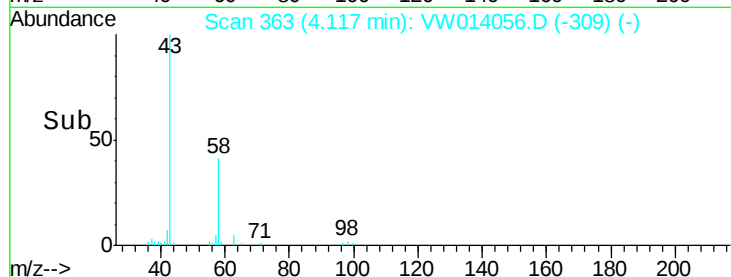
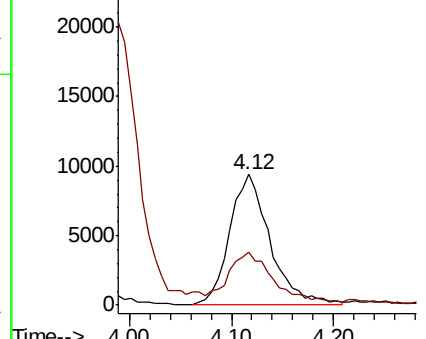
43 100

58 31.0 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 1.274 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW014056.D

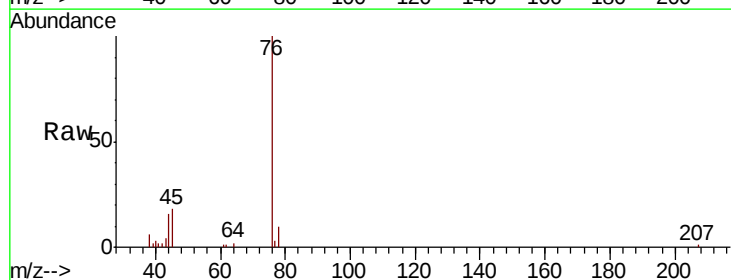
Acq: 18 Nov 2019 12:08

Tgt Ion: 76 Resp: 21186

Ion Ratio Lower Upper

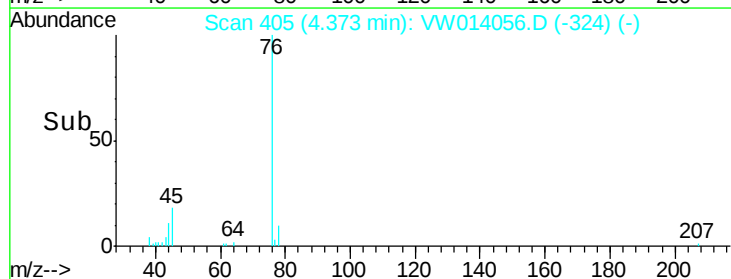
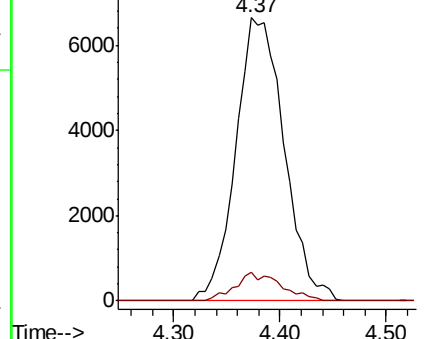
76 100

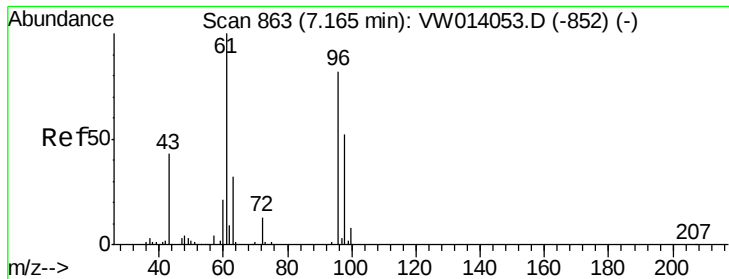
78 10.1 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#21

2-Butanone

Concen: 2.793 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014056.D

Acq: 18 Nov 2019 12:08

Instrument :

MSVOA_W

ClientSampled :

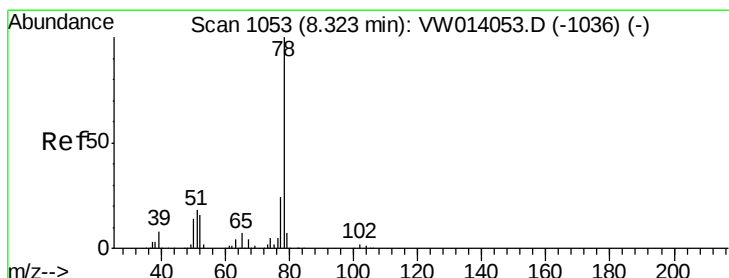
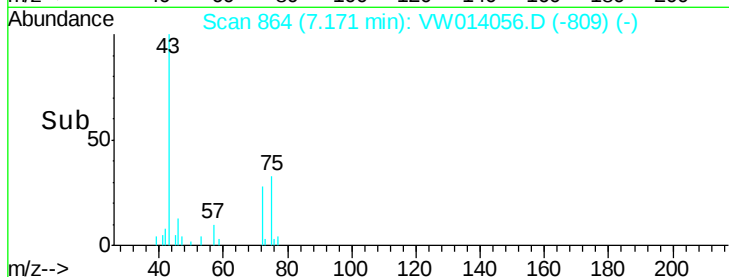
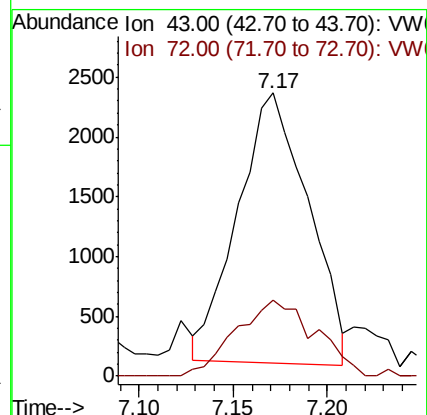
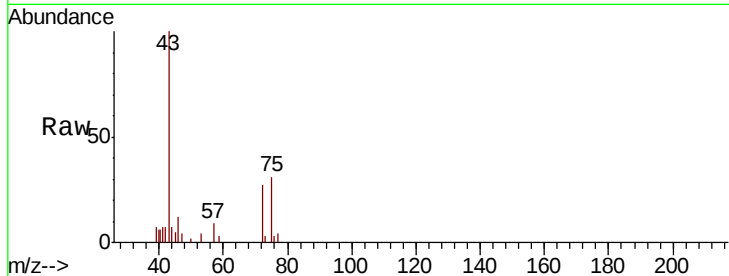
GAQF3

Tot Ion: 43 Resp: 5858

Ion Ratio Lower Upper

43 100

72 25.7 14.1 42.2



#34

Benzene

Concen: 1.016 ug/L

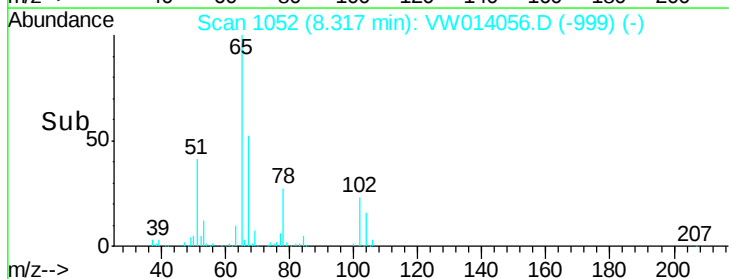
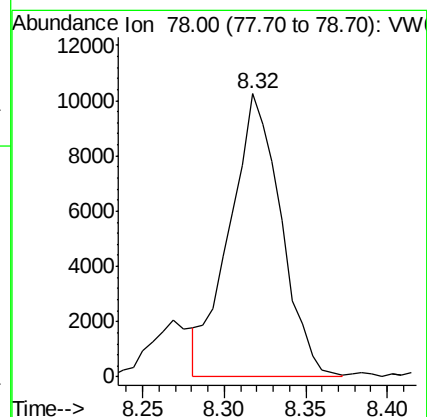
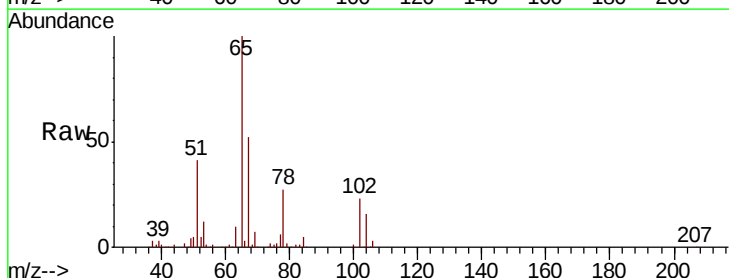
RT: 8.32 min Scan# 1052

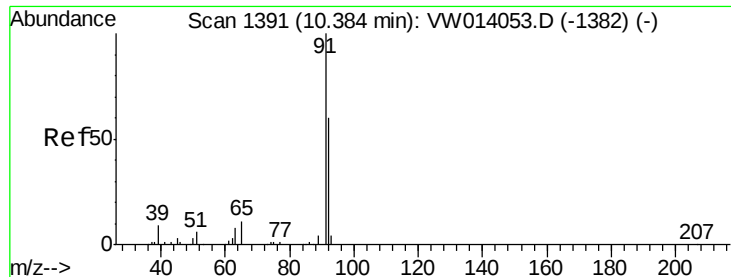
Delta R.T. -0.01 min

Lab File: VW014056.D

Acq: 18 Nov 2019 12:08

Tgt Ion: 78 Resp: 22223





#44

Toluene

Concen: 1.435 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014056.D

Acq: 18 Nov 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

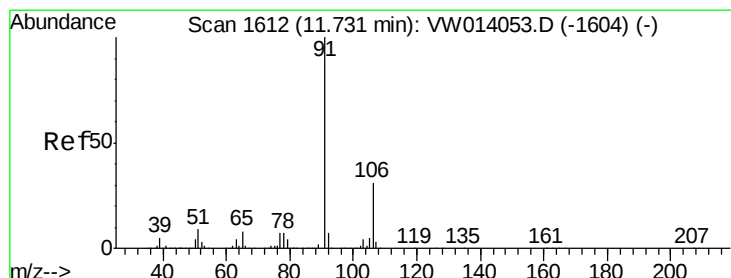
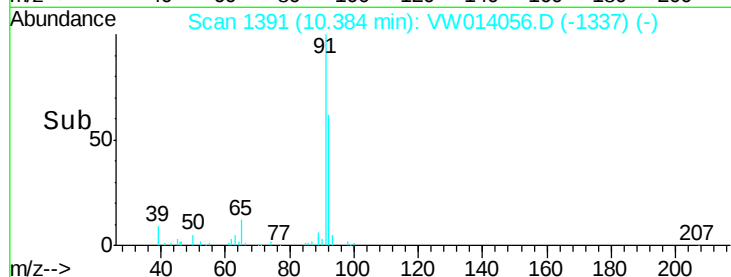
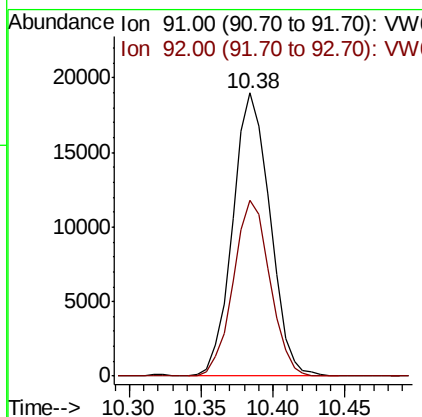
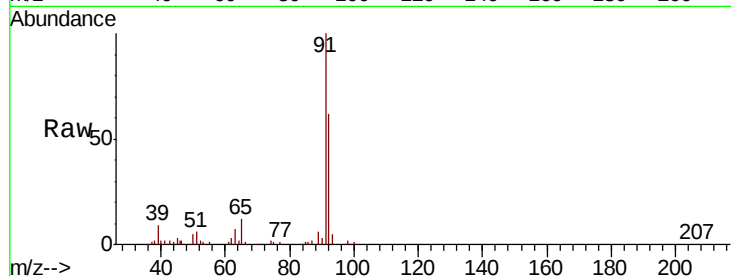
GAQF3

Tot Ion: 91 Resp: 34209

Ion Ratio Lower Upper

91 100

92 62.3 40.7 75.7



#53

Ethylbenzene

Concen: 0.367 ug/L

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW014056.D

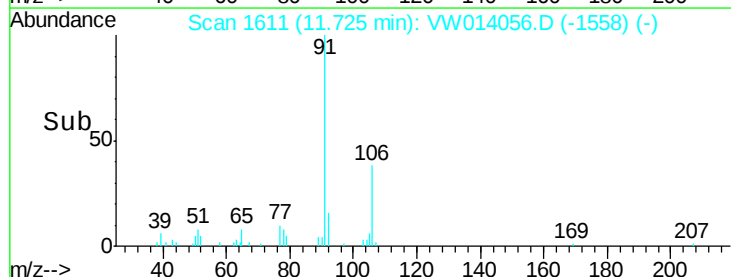
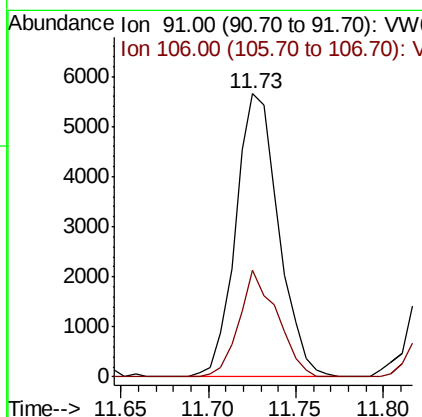
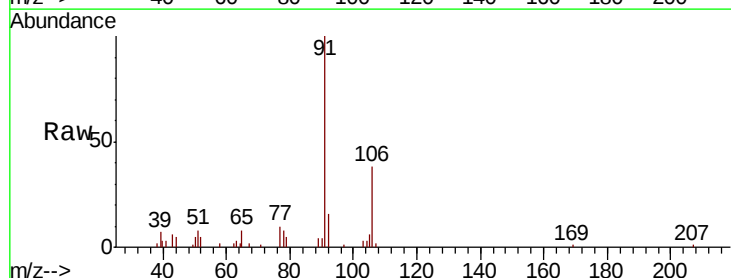
Acq: 18 Nov 2019 12:08

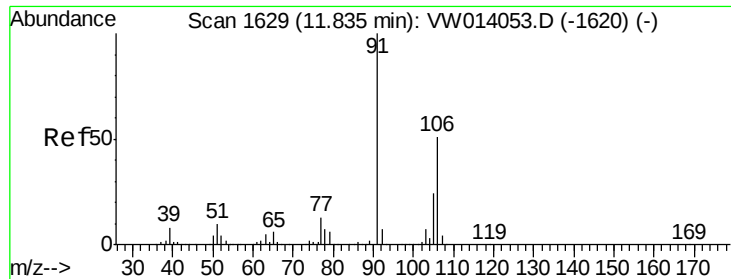
Tgt Ion: 91 Resp: 9603

Ion Ratio Lower Upper

91 100

106 37.5 22.3 41.5





#54

m,p-Xylene

Concen: 0.348 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014056.D

Acq: 18 Nov 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

GAQF3

Tot Ion:106 Resp: 3537

Ion Ratio Lower Upper

106 100

91 187.3 138.7 257.5

