

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
 Data File : VW014884.D
 Acq On : 05 Feb 2020 23:18
 Operator : SY/VA
 Sample : L1324-18
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT73

Quant Time: Feb 06 04:01:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 06 02:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1026647	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	848842	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	255734	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	348487	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.00%
7) Chloroethane-d5	2.89	69	335046	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.48%
10) 1,1-Dichloroethene-d2	4.01	63	522082	16.81	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.24%
20) 2-Butanone-d5	7.07	46	265742	55.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.42%
24) Chloroform-d	7.65	84	766549	26.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	8.31	65	450528	27.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.72%
29) Benzene-d6	8.27	84	1556348	28.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.04%
33) 1,2-Dichloropropane-d6	9.27	67	536701	30.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.68%#
37) Toluene-d8	10.32	98	1259816	26.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.88%
38) trans-1,3-Dichloropropene-	10.57	79	171605	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.72%
39) 2-Hexanone-d5	10.92	63	197768	60.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	373079	27.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	268497	27.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.28%

Target Compounds

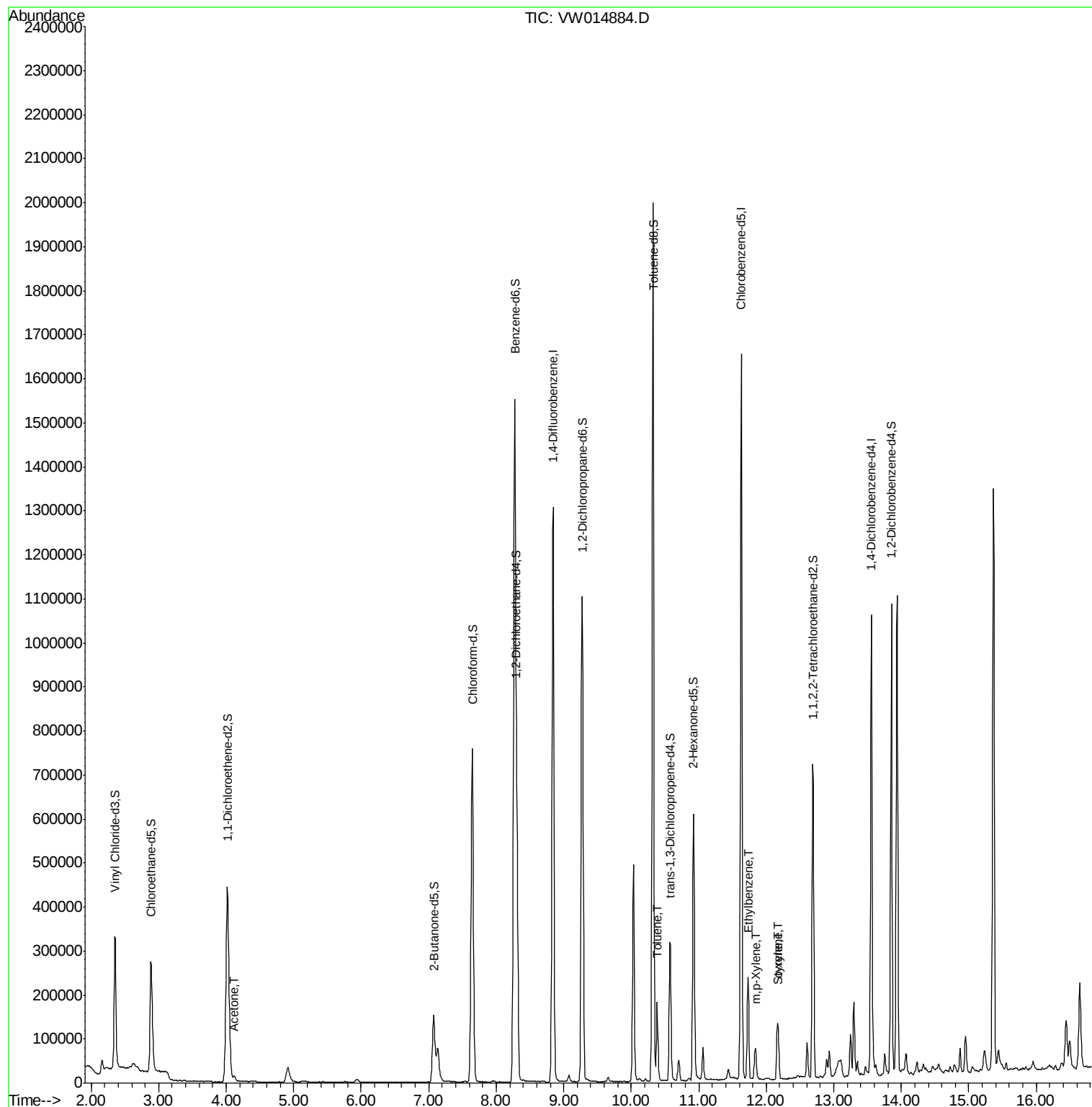
					Ovalue
13) Acetone	4.12	43	18138	3.684	ug/L 100
44) Toluene	10.38	91	126693	2.138	ug/L 98
53) Ethylbenzene	11.73	91	161124	2.485	ug/L 98
54) m,p-Xylene	11.84	106	22478	0.949	ug/L 95
55) o-xylene	12.16	106	24677	1.095	ug/L 92
56) Styrene	12.18	104	35168	0.923	ug/L 99

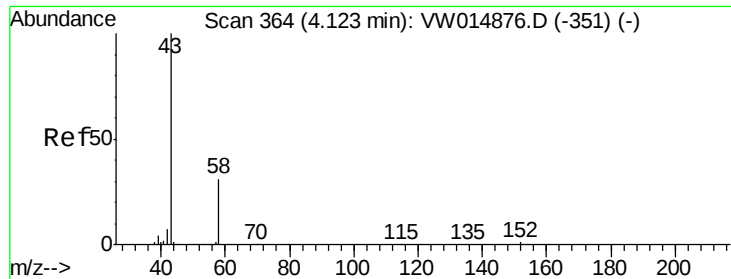
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Feb 06 02:59:09 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.684 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW014884.D

Acq: 05 Feb 2020 23:18

Instrument :

MSVOA_W

ClientSampled :

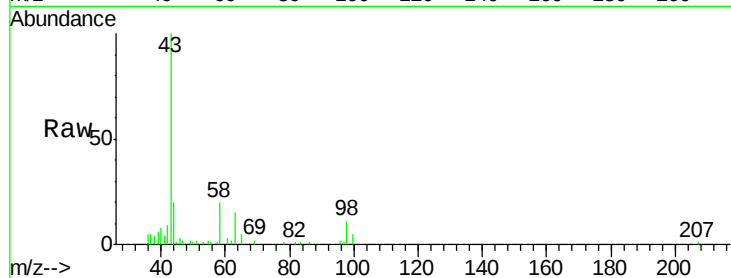
GAT73

Tot Ion: 43 Resp: 18138

Ion Ratio Lower Upper

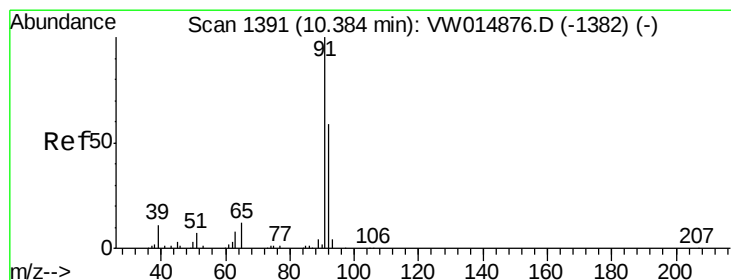
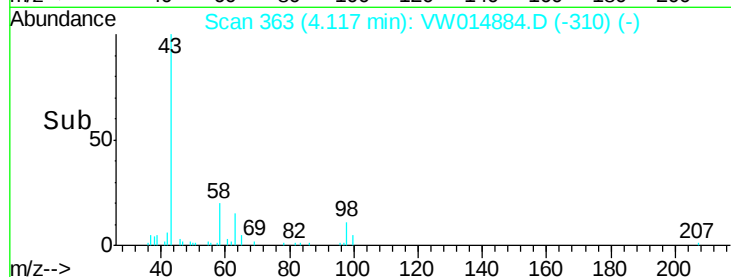
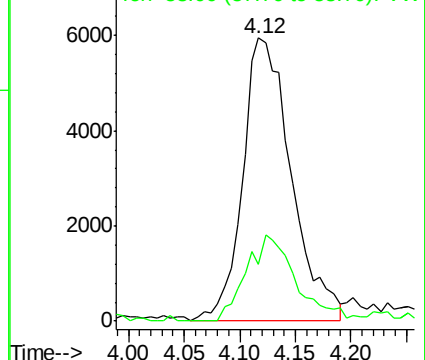
43 100

58 30.1 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#44

Toluene

Concen: 2.138 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014884.D

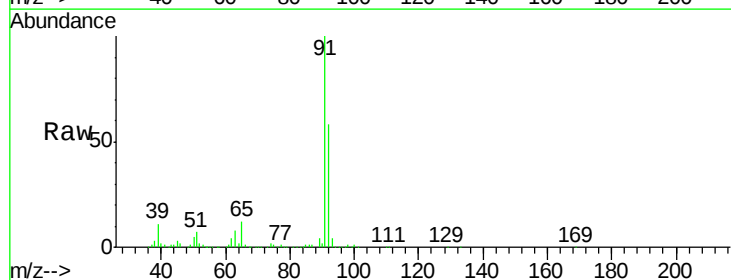
Acq: 05 Feb 2020 23:18

Tgt Ion: 91 Resp: 126693

Ion Ratio Lower Upper

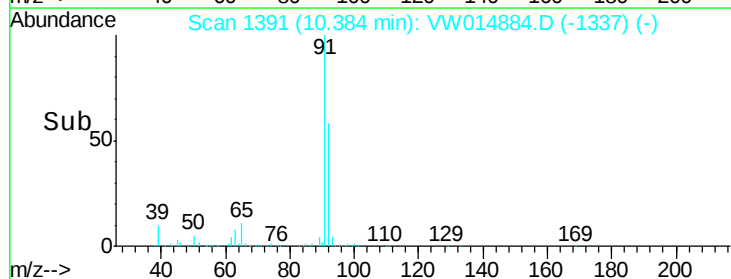
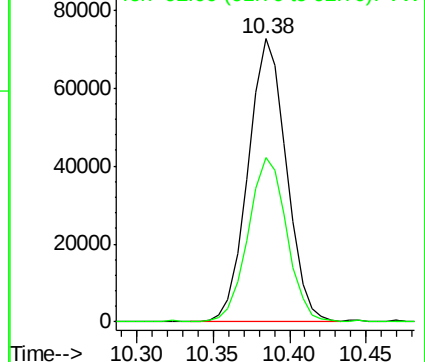
91 100

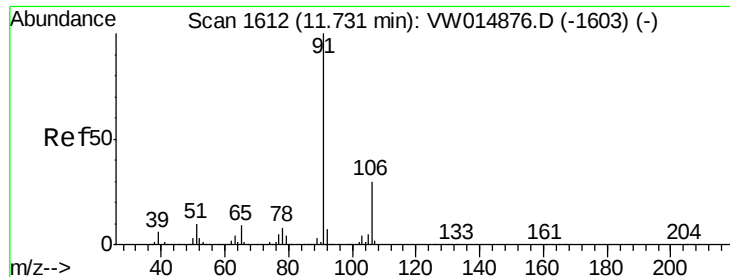
92 58.0 41.4 77.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#53

Ethylbenzene

Concen: 2.485 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW014884.D

Acq: 05 Feb 2020 23:18

Instrument :

MSVOA_W

ClientSampleId :

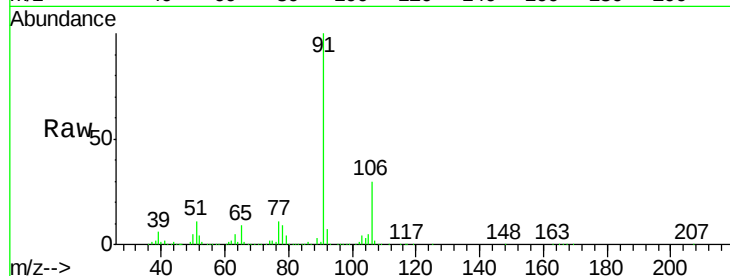
GAT73

Tot Ion: 91 Resp: 161124

Ion Ratio Lower Upper

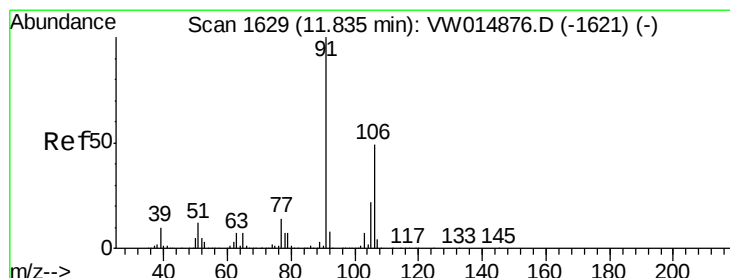
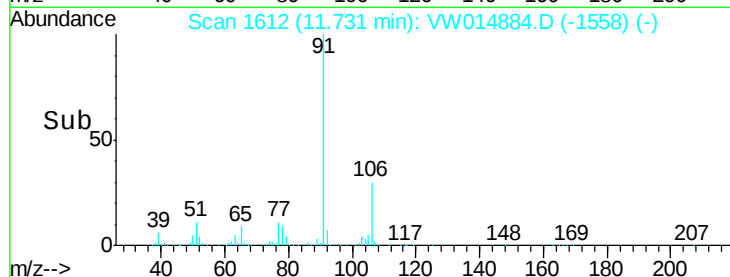
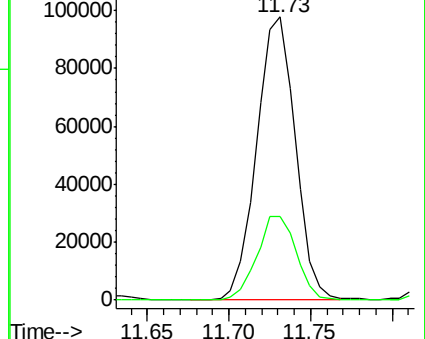
91 100

106 29.8 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#54

m,p-Xylene

Concen: 0.949 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW014884.D

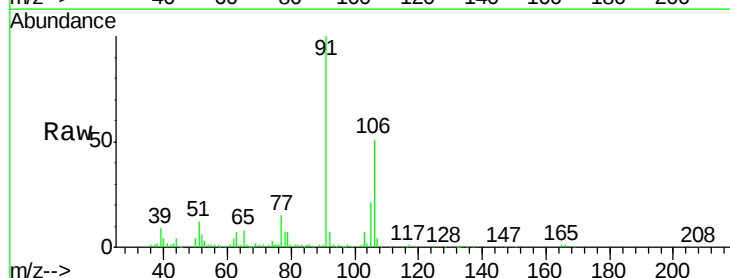
Acq: 05 Feb 2020 23:18

Tgt Ion: 106 Resp: 22478

Ion Ratio Lower Upper

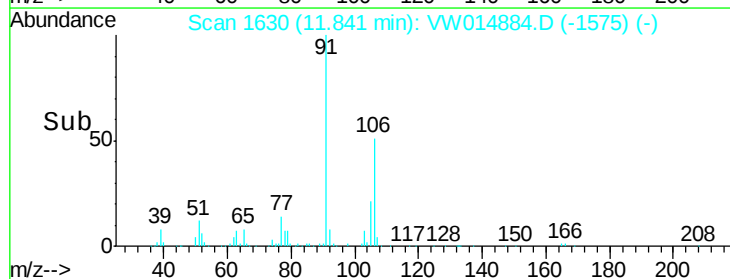
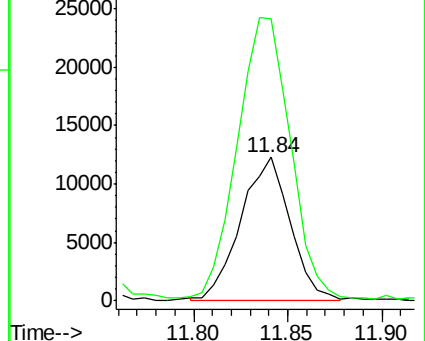
106 100

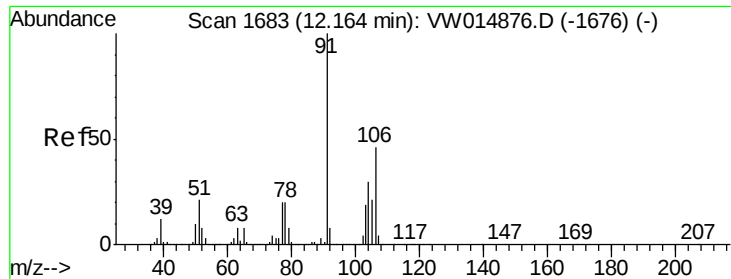
91 197.1 143.4 266.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

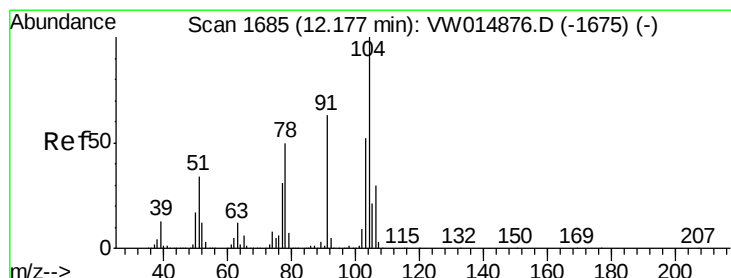
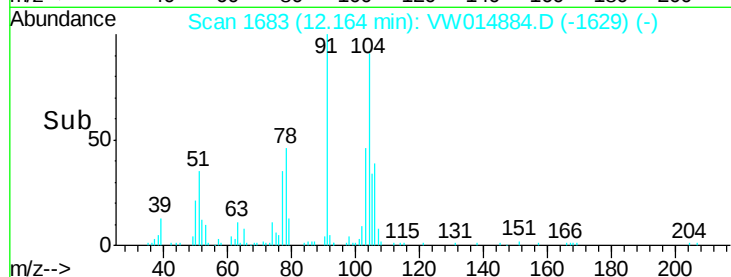
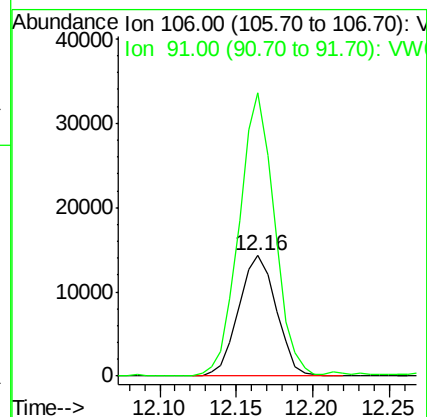
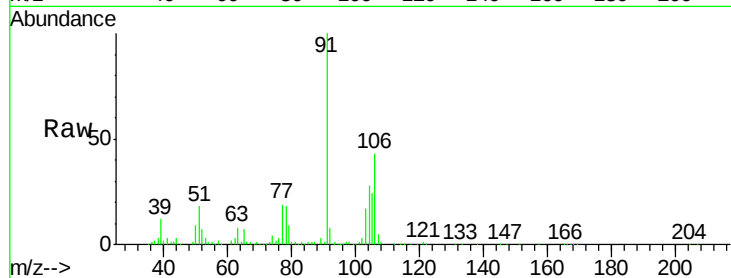




#55
o-xylene
Concen: 1.095 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014884.D
Acq: 05 Feb 2020 23:18

Instrument :
MSVOA_W
ClientSampleId :
GAT73

Tot Ion:106 Resp: 24677
Ion Ratio Lower Upper
106 100
91 234.8 155.0 287.9



#56
Styrene
Concen: 0.923 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW014884.D
Acq: 05 Feb 2020 23:18

Tgt Ion:104 Resp: 35168
Ion Ratio Lower Upper
104 100
78 47.7 33.8 62.8

