

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020620\
 Data File : VW014893.D
 Acq On : 06 Feb 2020 12:44
 Operator : SY/VA
 Sample : L1324-18
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT73

Quant Time: Feb 07 06:17:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 07 05:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	965359	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	866060	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	327423	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	311786	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
7) Chloroethane-d5	2.89	69	304448	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.16%
10) 1,1-Dichloroethene-d2	4.02	63	478691	16.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.56%
20) 2-Butanone-d5	7.07	46	162647	36.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.52%
24) Chloroform-d	7.65	84	679084	24.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.12%
26) 1,2-Dichloroethane-d4	8.30	65	354901	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.60%
29) Benzene-d6	8.27	84	1358560	24.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.56%
33) 1,2-Dichloropropane-d6	9.27	67	456478	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.60%
37) Toluene-d8	10.32	98	1156258	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.36%
38) trans-1,3-Dichloropropene-	10.58	79	139777	19.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.00%
39) 2-Hexanone-d5	10.92	63	113942	34.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.88%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	272099	19.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	312410	24.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.44%

Target Compounds

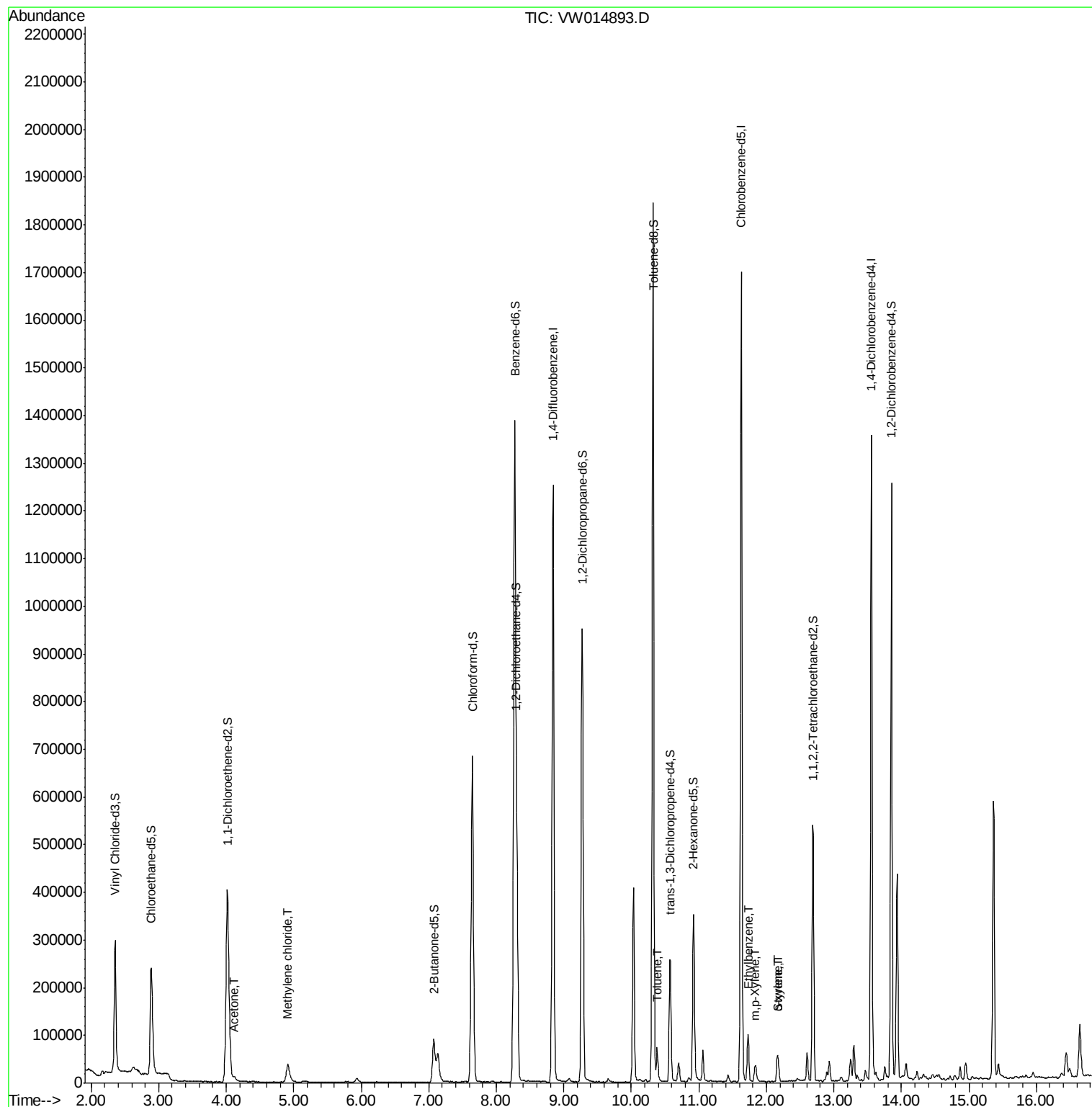
					Ovalue
13) Acetone	4.12	43	15018	3.244 ug/L	91
16) Methylene chloride	4.91	84	28578	1.625 ug/L	96
44) Toluene	10.38	91	48298	0.799 ug/L	96
53) Ethylbenzene	11.73	91	66638	1.008 ug/L	97
54) m,p-Xylene	11.83	106	10600	0.439 ug/L	94
55) o-xylene	12.16	106	10621	0.462 ug/L	89
56) Styrene	12.18	104	13598	0.350 ug/L	93

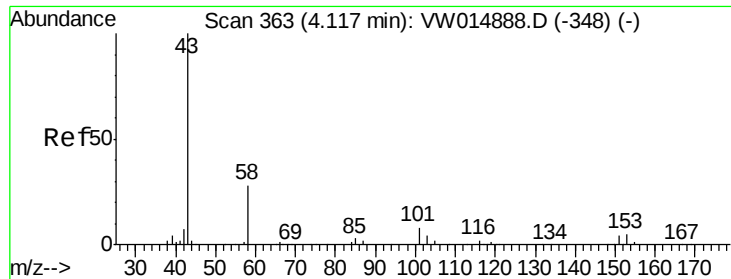
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.244 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014893.D

Acq: 06 Feb 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

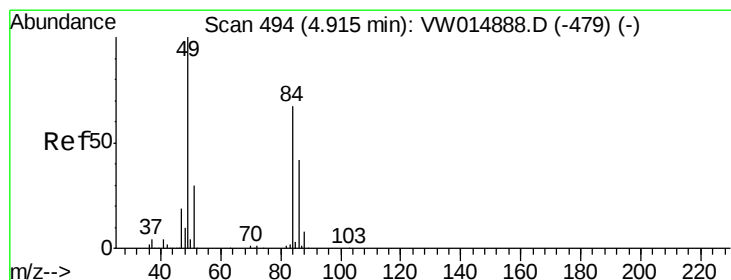
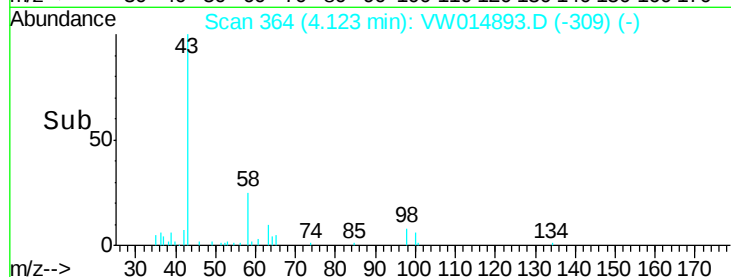
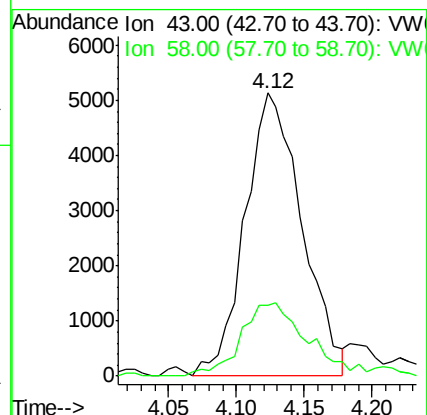
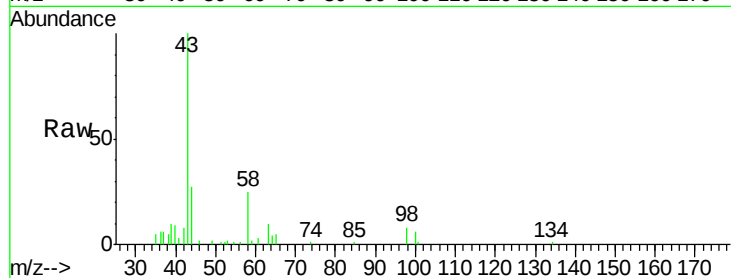
GAT73

Tot Ion: 43 Resp: 15018

Ion Ratio Lower Upper

43 100

58 25.4 0.0 60.4



#16

Methylene chloride

Concen: 1.625 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW014893.D

Acq: 06 Feb 2020 12:44

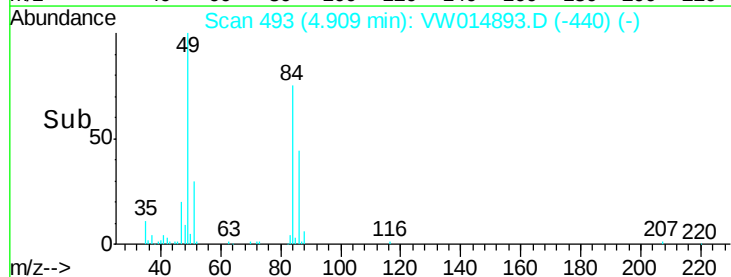
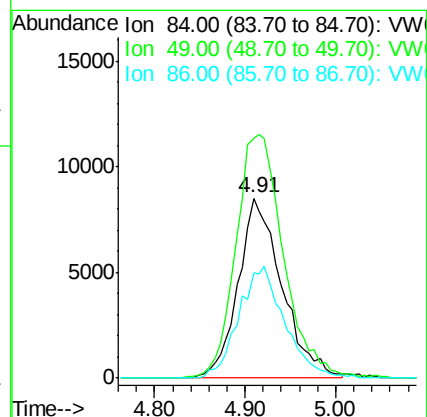
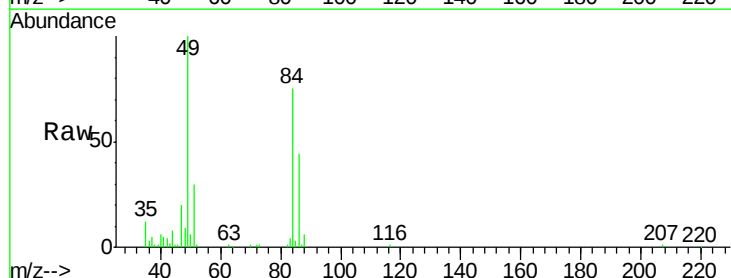
Tgt Ion: 84 Resp: 28578

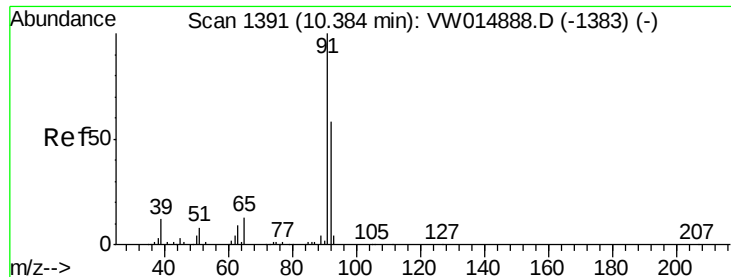
Ion Ratio Lower Upper

84 100

49 133.3 95.8 177.8

86 58.2 44.2 82.2





#44

Toluene

Concen: 0.799 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014893.D

Acq: 06 Feb 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

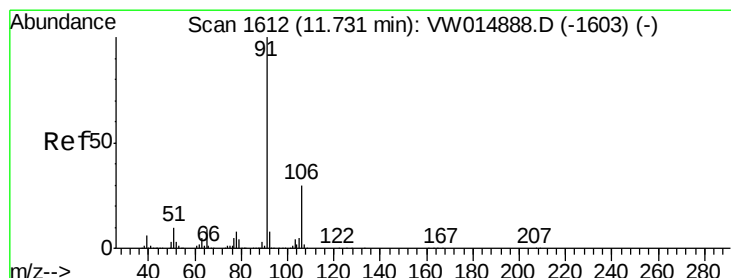
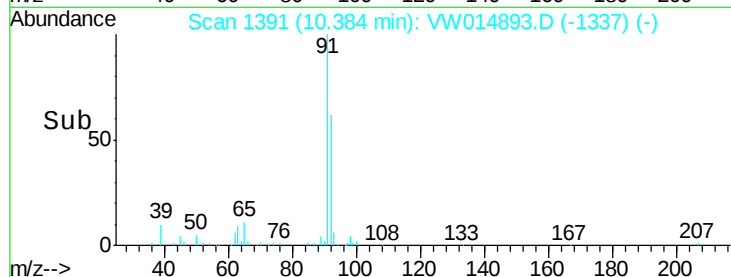
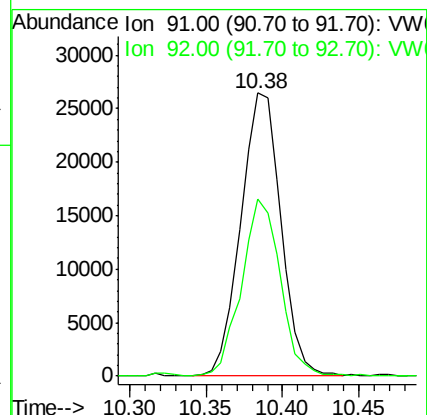
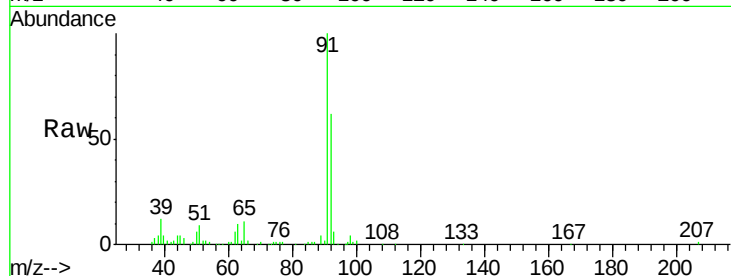
GAT73

Tot Ion: 91 Resp: 48298

Ion Ratio Lower Upper

91 100

92 62.5 41.4 77.0



#53

Ethylbenzene

Concen: 1.008 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW014893.D

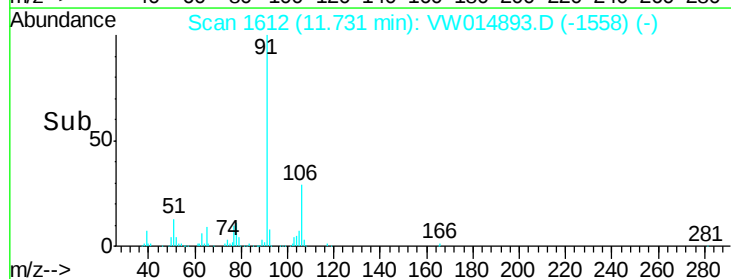
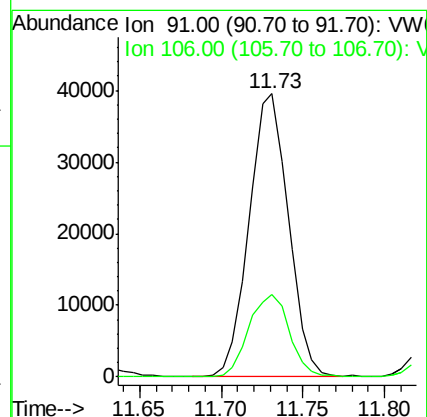
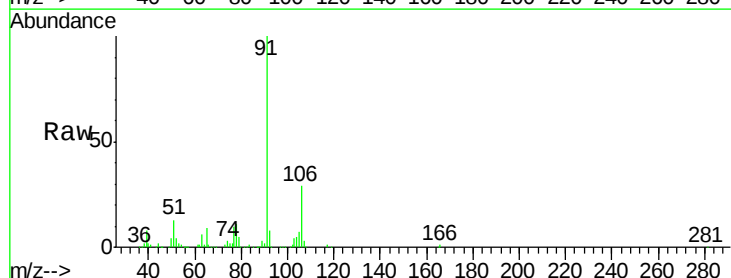
Acq: 06 Feb 2020 12:44

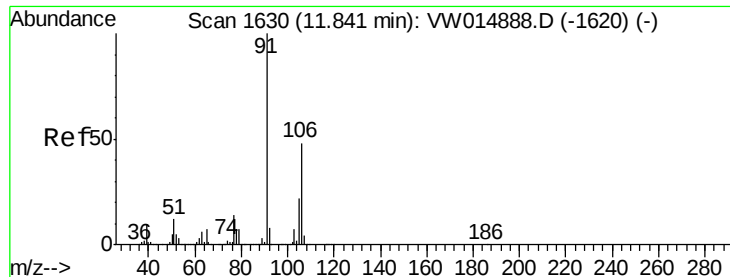
Tgt Ion: 91 Resp: 66638

Ion Ratio Lower Upper

91 100

106 29.0 21.5 39.9





#54

m,p-Xylene

Concen: 0.439 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW014893.D

Acq: 06 Feb 2020 12:44

Instrument :

MSVOA_W

ClientSampled :

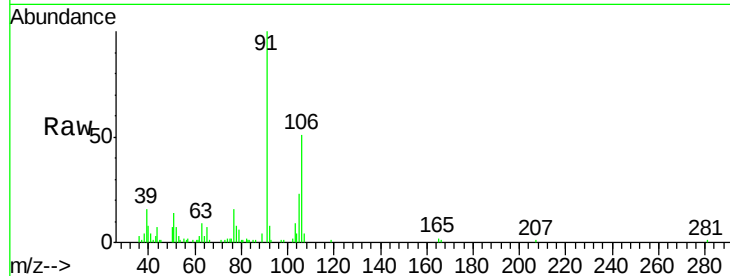
GAT73

Tot Ion:106 Resp: 10600

Ion Ratio Lower Upper

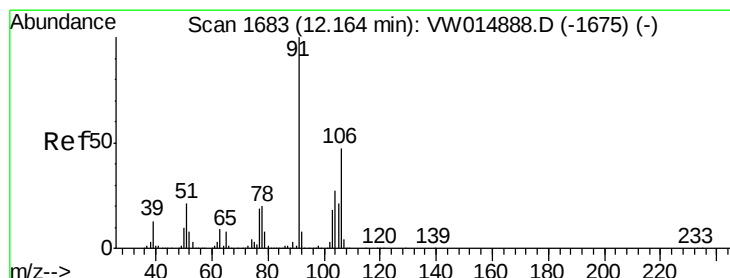
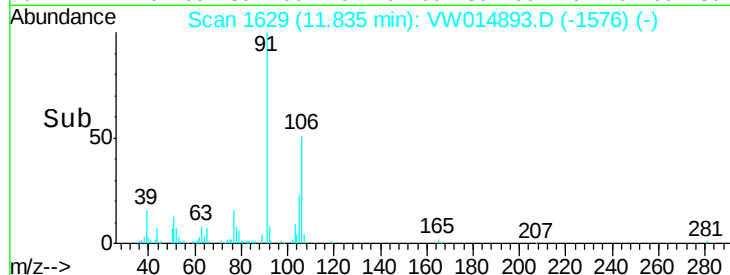
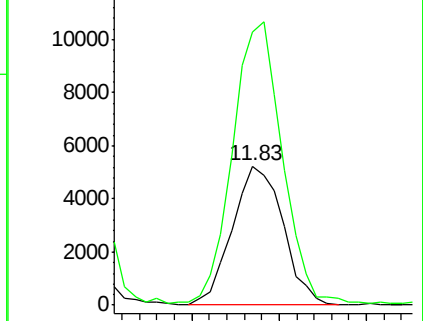
106 100

91 196.3 143.4 266.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.462 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW014893.D

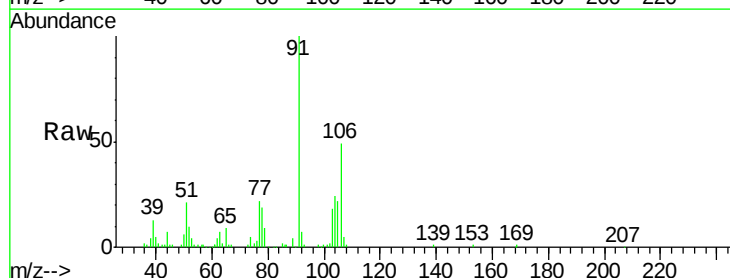
Acq: 06 Feb 2020 12:44

Tgt Ion:106 Resp: 10621

Ion Ratio Lower Upper

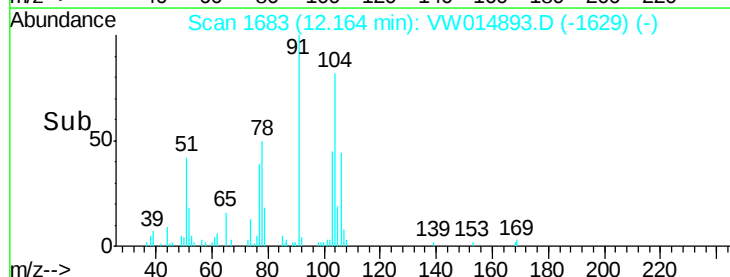
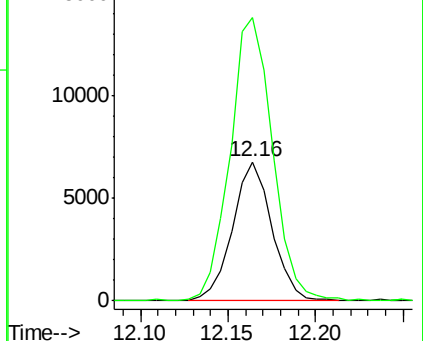
106 100

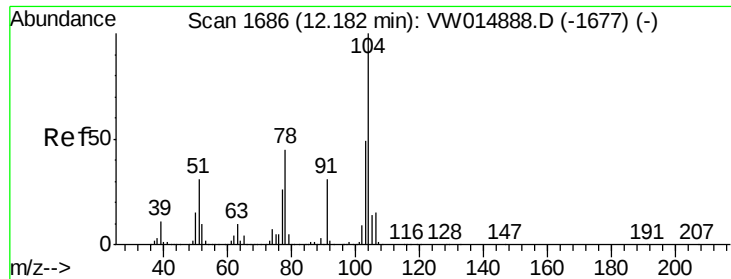
91 203.9 155.0 287.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56

Stvrene

Concen: 0.350 ug/L

RT: 12.18 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VW014893.D

Acq: 06 Feb 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

GAT73

Tot Ion:104 Resp: 13598

Ion Ratio Lower Upper

104 100

78 43.7 33.8 62.8

