

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042319\
 Data File : VW010098.D
 Acq On : 23 Apr 2019 14:36
 Operator : SY/VA
 Sample : K2456-16
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHN6

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 9:22:08 AM

Quant Time: Apr 24 04:38:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 03:51:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	118430	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	110107	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	35698	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	23338	20.85	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.40%
7) Chloroethane-d5	2.89	69	21317m	18.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.20%
10) 1,1-Dichloroethene-d2	4.00	63	50511	16.27	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.08%
20) 2-Butanone-d5	7.08	46	29496m	48.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.44%
24) Chloroform-d	7.64	84	69701	20.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.44%
26) 1,2-Dichloroethane-d4	8.31	65	47028	22.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.56%
29) Benzene-d6	8.27	84	134100	22.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.64%
33) 1,2-Dichloropropane-d6	9.27	67	44916	23.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.20%
37) Toluene-d8	10.32	98	106770	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.36%
38) trans-1,3-Dichloropropene-	10.58	79	17999	19.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.80%
39) 2-Hexanone-d5	10.93	63	17927	41.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	36033	19.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	27690	20.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	11945	22.188	ug/L	96
16) Methylene chloride	4.91	84	9357	4.364	ug/L	85
44) Toluene	10.39	91	8356	1.214	ug/L	95
54) m,p-Xylene	11.84	106	7227	2.569	ug/L	85
55) o-xylene	12.16	106	17603	6.524	ug/L	97
56) Styrene	12.19	104	42350	8.966	ug/L	94

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

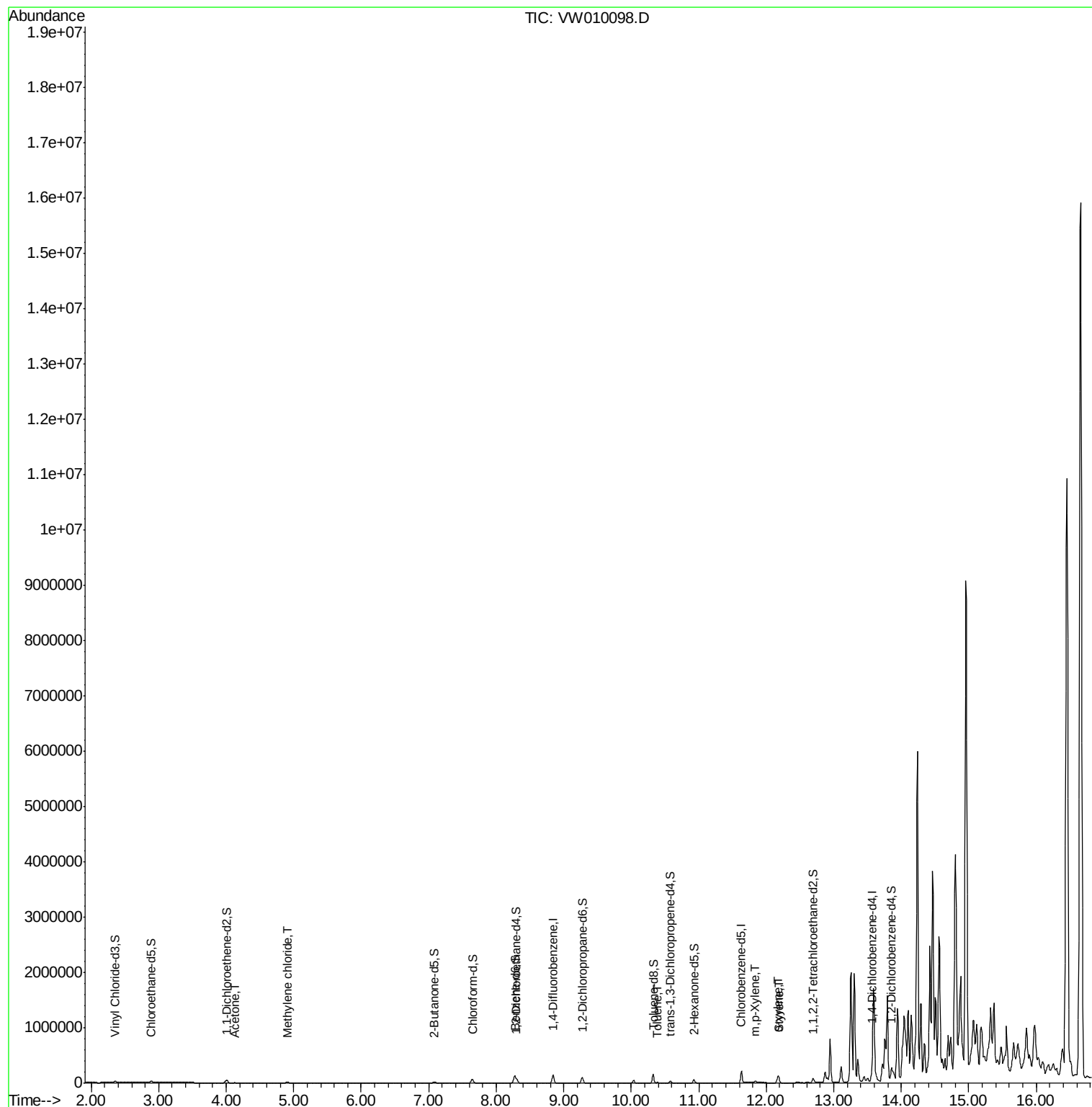
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010098.D
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ALS Vial : 1 Sample Multiplier: 1

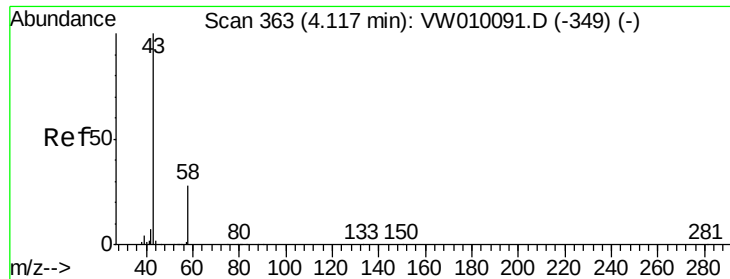
Instrument :
MSVOA_W
ClientSampleId :
GAHN6

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Quant Time: Apr 24 04:38:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 03:51:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 22.188 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010098.D

Acq: 23 Apr 2019 14:36

Instrument :

MSVOA_W

ClientSampled :

GAHN6

Tot Ion: 43 Resp: 11945

Ion Ratio Lower Upper

43 100

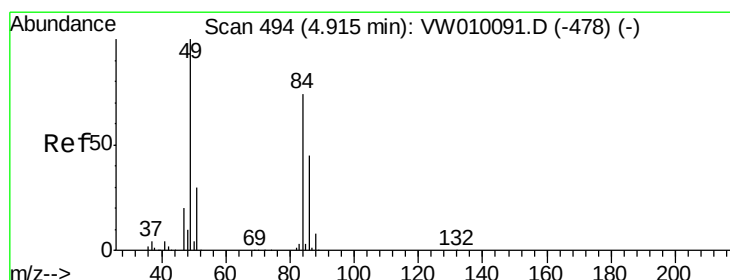
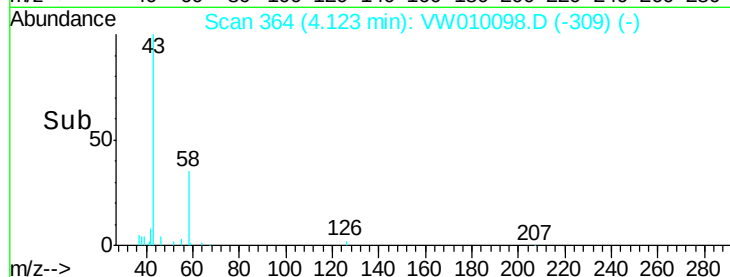
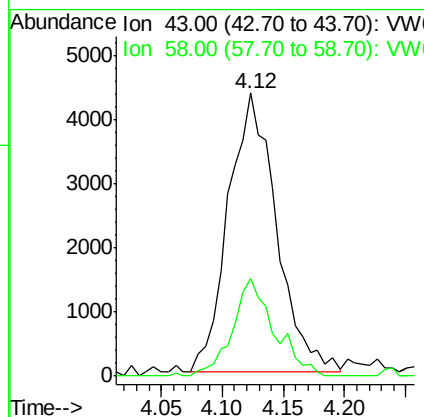
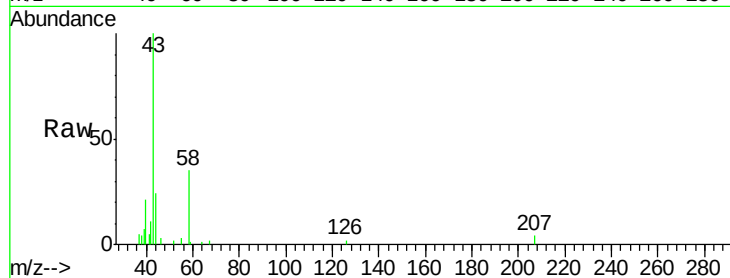
58 25.8 0.0 56.2

Manual Integrations

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#16

Methylene chloride

Concen: 4.364 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW010098.D

Acq: 23 Apr 2019 14:36

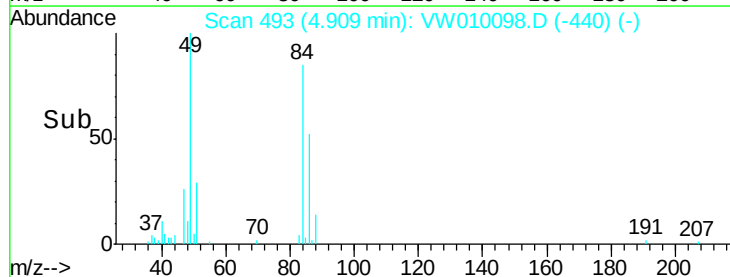
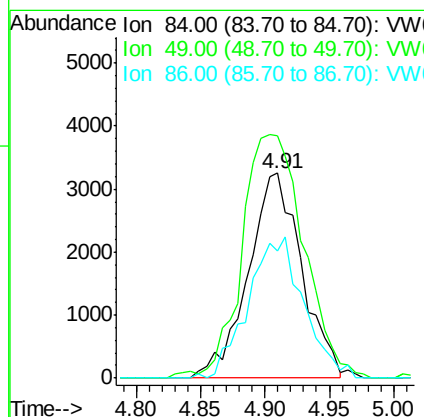
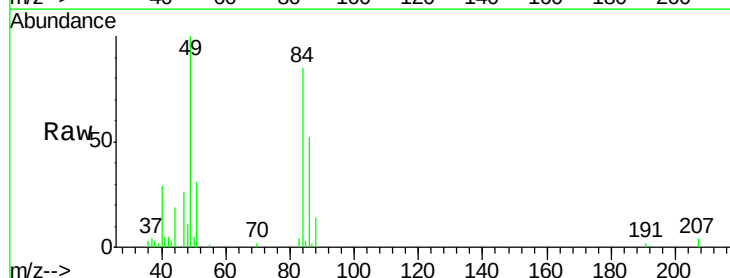
Tgt Ion: 84 Resp: 9357

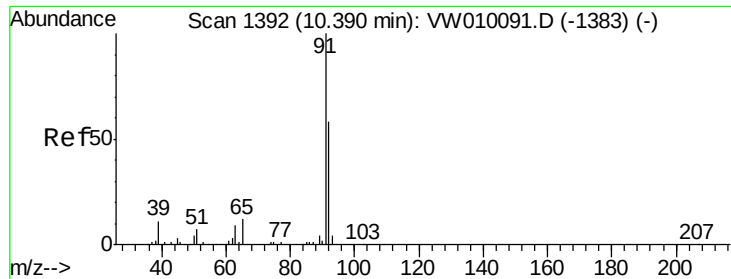
Ion Ratio Lower Upper

84 100

49 118.3 100.7 187.1

86 61.9 43.8 81.3





#44

Toluene

Concen: 1.214 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010098.D

Acq: 23 Apr 2019 14:36

Instrument :

MSVOA_W

ClientSampled :

GAHN6

Tot Ion: 91 Resp: 8356

Ion Ratio Lower Upper

91 100

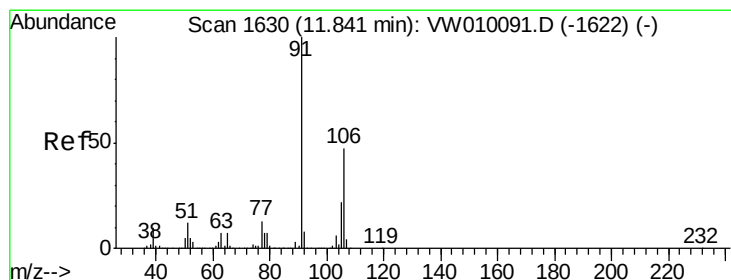
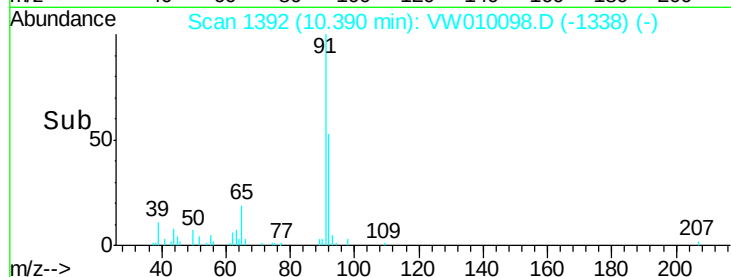
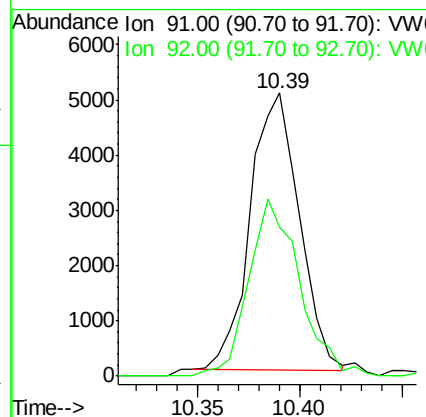
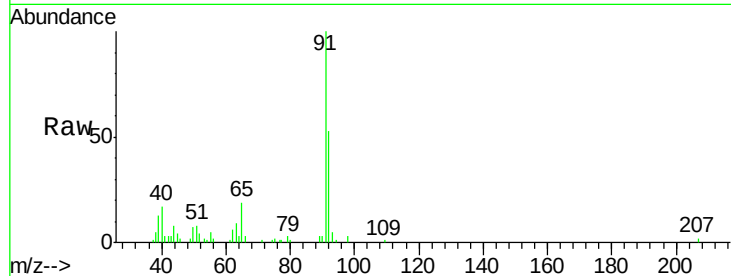
92 52.9 39.8 74.0

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#54

m,p-Xylene

Concen: 2.569 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW010098.D

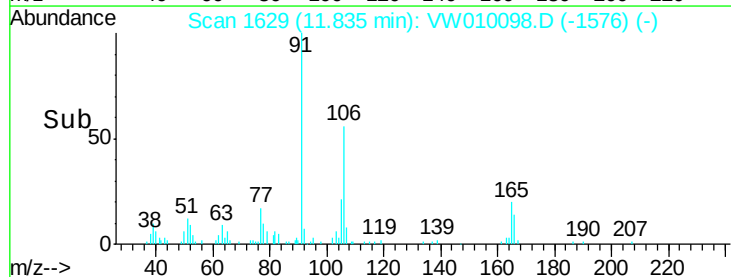
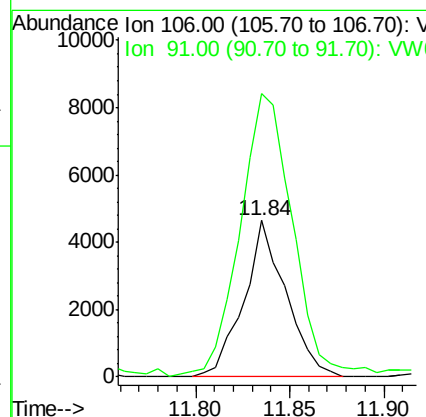
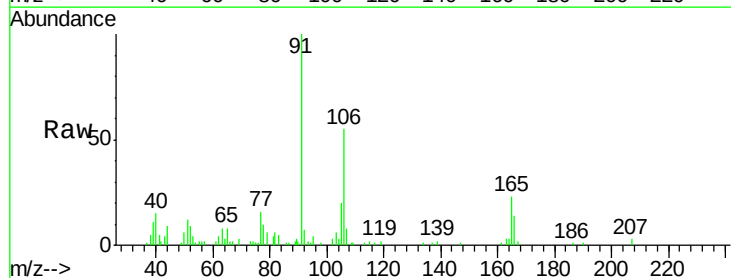
Acq: 23 Apr 2019 14:36

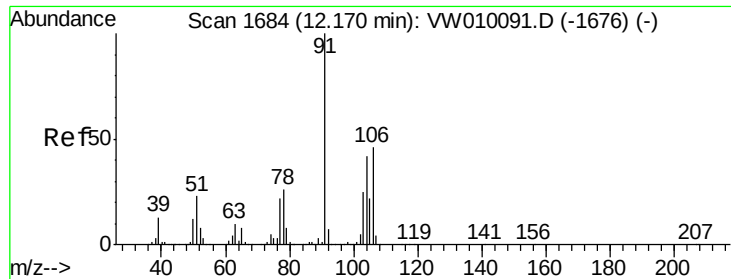
Tgt Ion: 106 Resp: 7227

Ion Ratio Lower Upper

106 100

91 181.0 143.4 266.2





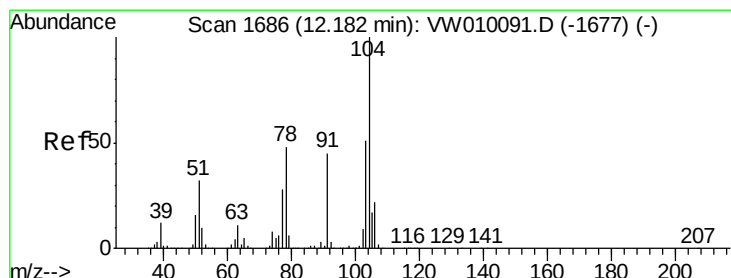
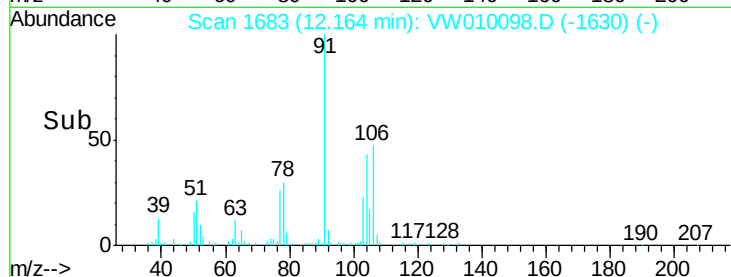
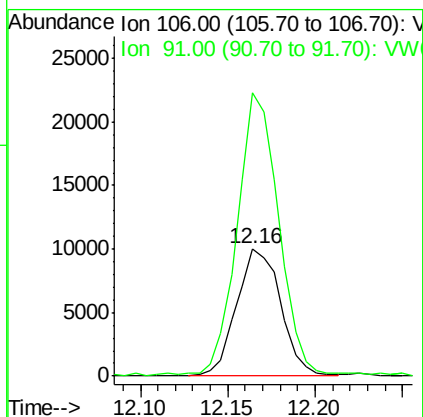
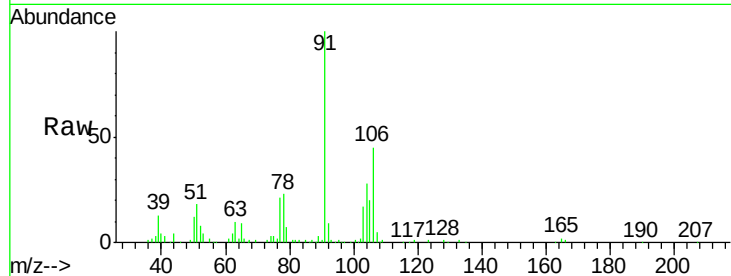
#55
o-xylene
Concen: 6.524 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010098.D
Acq: 23 Apr 2019 14:36

Instrument :
MSVOA_W
ClientSampled :
GAHN6

Tot Ion:106 Resp: 17603
Ion Ratio Lower Upper
106 100
91 222.5 152.2 282.7

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#56
Styrene
Concen: 8.966 ug/L
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW010098.D
Acq: 23 Apr 2019 14:36

Tgt Ion:104 Resp: 42350
Ion Ratio Lower Upper
104 100
78 42.4 32.7 60.7

