

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010116.D
 Acq On : 24 Apr 2019 17:44
 Operator : SY/VA
 Sample : K2481-07RE
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHW2RE

Manual Integrations
 APPROVED

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 4/26/2019 12:51:26 PM

Quant Time: Apr 25 02:15:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:36:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	510805	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	407536	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	101176	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	60606	12.41	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.64%
7) Chloroethane-d5	2.89	69	65620	16.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.04%
10) 1,1-Dichloroethene-d2	4.00	63	119910	8.37	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	33.48%#
20) 2-Butanone-d5	7.10	46	147697	64.05	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.10%
24) Chloroform-d	7.64	84	315822	23.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	8.31	65	211715	26.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.48%
29) Benzene-d6	8.27	84	554905	24.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.16%
33) 1,2-Dichloropropane-d6	9.27	67	196491	27.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.24%
37) Toluene-d8	10.32	98	420217	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.16%
38) trans-1,3-Dichloropropene-	10.58	79	75167	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.68%
39) 2-Hexanone-d5	10.93	63	101919	67.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130538	21.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	78638	20.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.90	84	17672m	2.468	ug/L	
44) Toluene	10.38	91	382873	14.591	ug/L	99
54) m,p-Xylene	11.84	106	183030	16.801	ug/L	97
55) o-xylene	12.16	106	62875	6.086	ug/L	90
56) Styrene	12.18	104	55469	3.157	ug/L	97
57) Isopropylbenzene	12.46	105	40672	1.447	ug/L	98

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

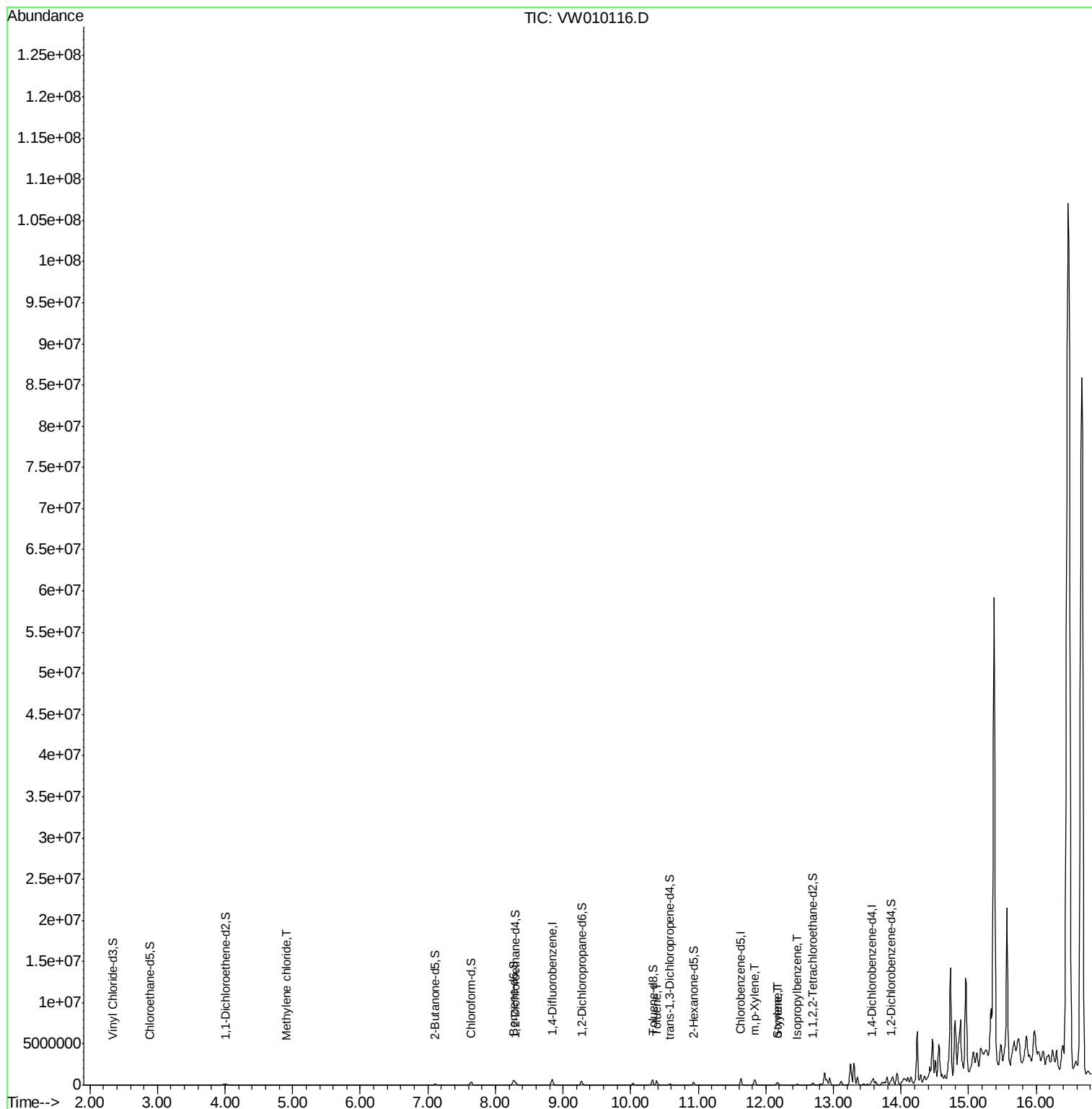
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
Data File : VW010116.D
Acq On : 24 Apr 2019 17:44
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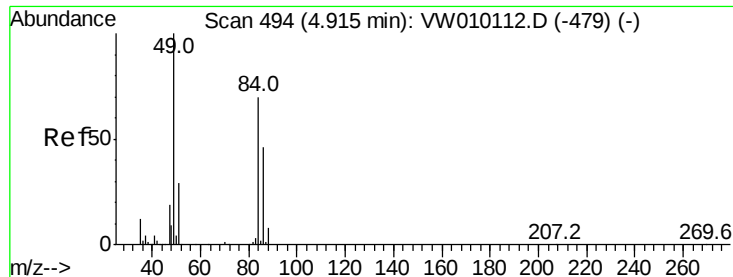
Instrument :
MSVOA_W
ClientSampleId :
GAHW2RE

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Quant Time: Apr 25 02:15:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 25 01:36:45 2019
Response via : Initial Calibration





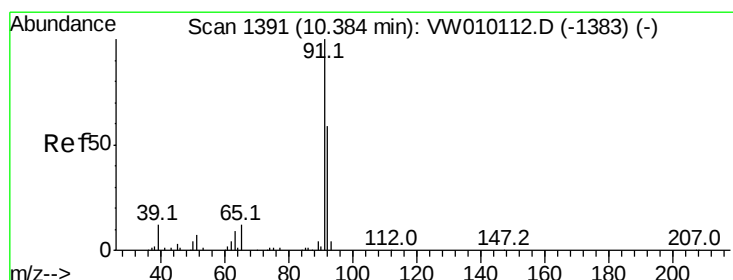
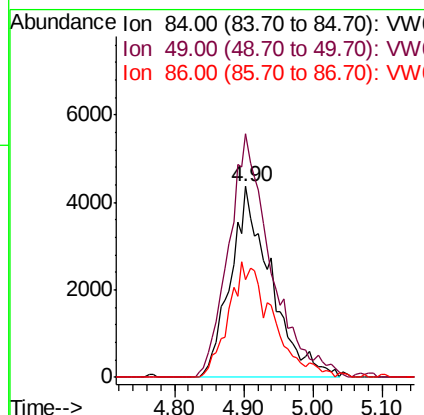
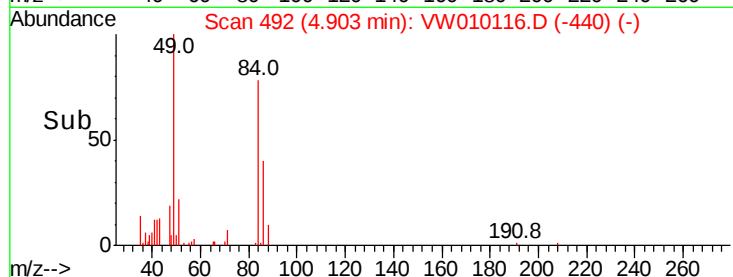
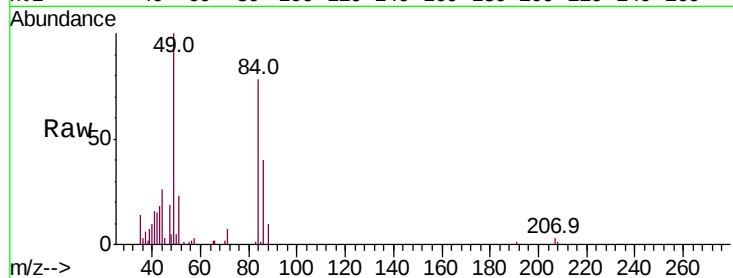
#16
Methvlene chloride
Concen: 2.468 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW010116.D
Acq: 24 Apr 2019 17:44

Instrument :
MSVOA_W
ClientSampleId :
GAHW2RE

Tot Ion	Ratio	Lower	Upper
84	100		
49	127.7	93.5	173.7
86	51.1	44.9	83.5

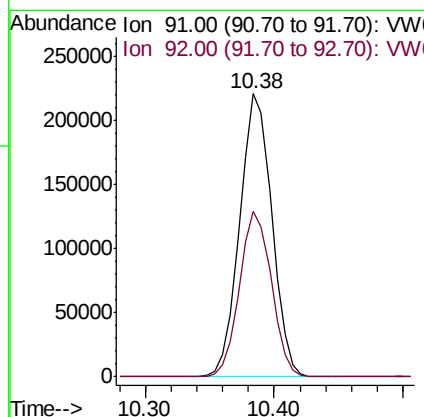
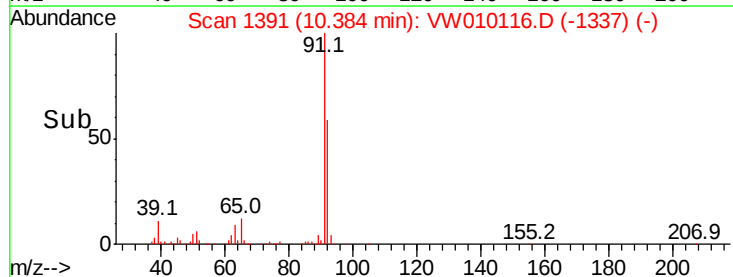
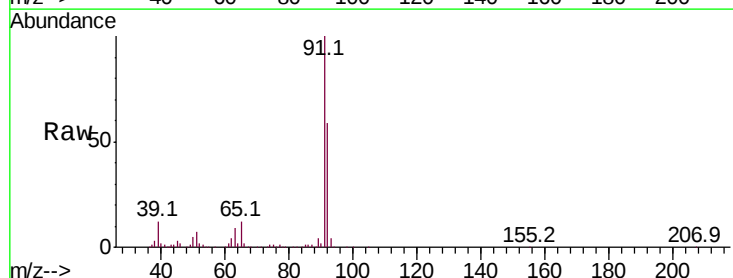
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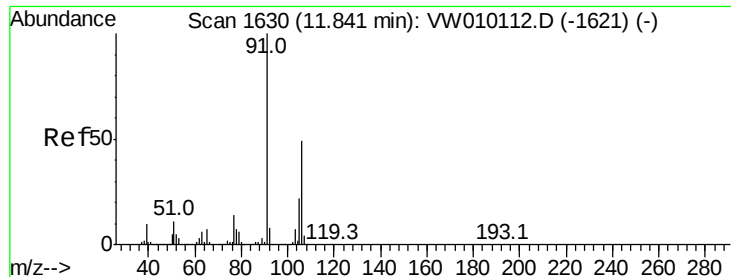
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#44
Toluene
Concen: 14.591 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW010116.D
Acq: 24 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.6	40.3	74.9





#54

m,p-Xylene

Concen: 16.801 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW010116.D

Acq: 24 Apr 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

GAHW2RE

Tot Ion:106 Resp: 183030

Ion Ratio Lower Upper

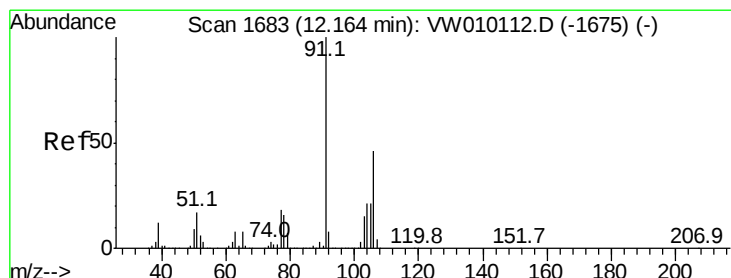
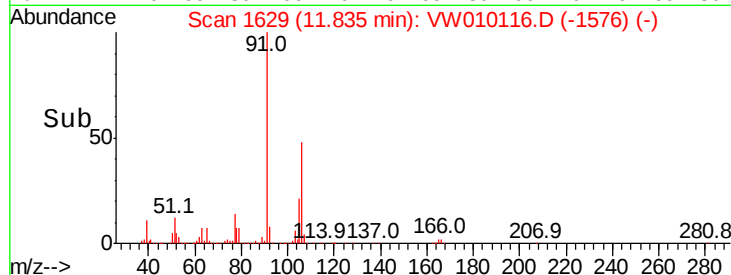
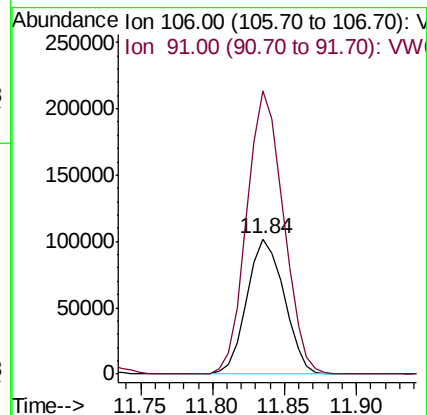
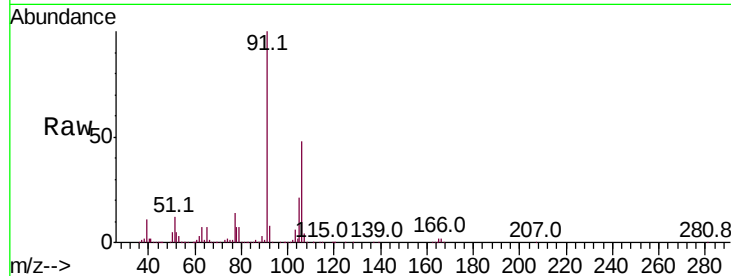
106 100

91 209.0 143.4 266.4

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#55

o-xylene

Concen: 6.086 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW010116.D

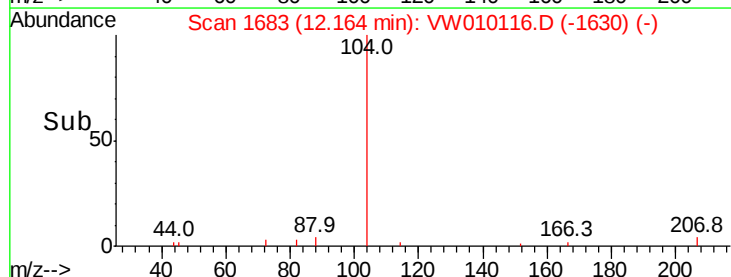
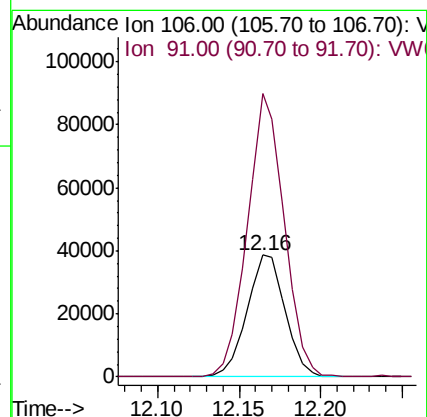
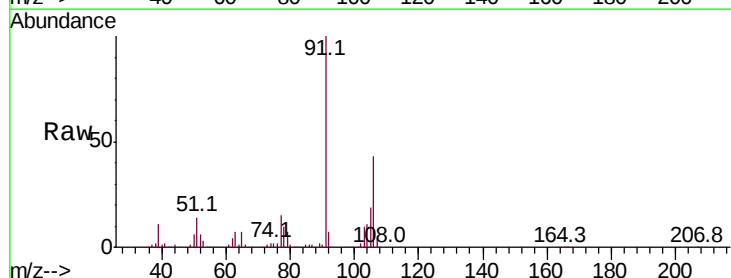
Acq: 24 Apr 2019 17:44

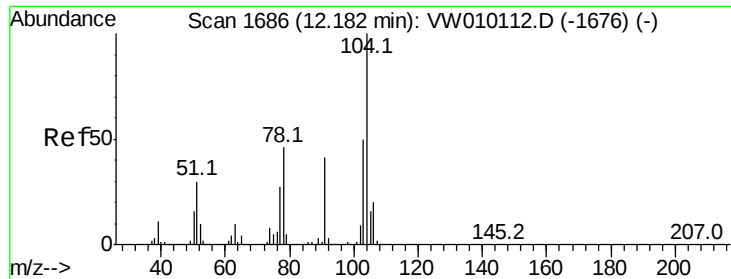
Tgt Ion:106 Resp: 62875

Ion Ratio Lower Upper

106 100

91 232.2 151.4 281.2





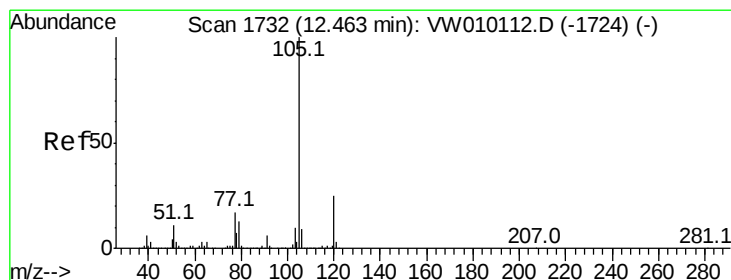
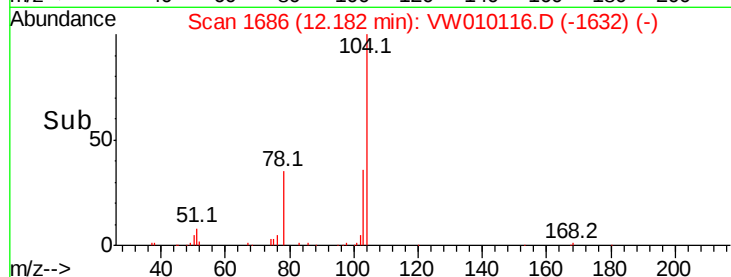
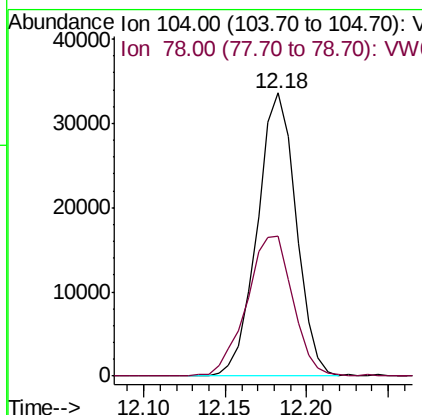
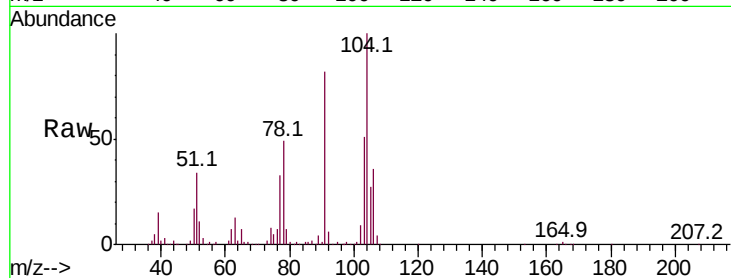
#56
Stvrene
Concen: 3.157 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010116.D
Acq: 24 Apr 2019 17:44

Instrument :
MSVOA_W
ClientSampleId :
GAHW2RE

Tot Ion:104 Resp: 55469
Ion Ratio Lower Upper
104 100
78 49.4 33.4 62.0

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#57
Isopropylbenzene
Concen: 1.447 ug/L
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW010116.D
Acq: 24 Apr 2019 17:44

Tgt Ion:105 Resp: 40672
Ion Ratio Lower Upper
105 100
120 27.6 20.8 31.2
77 17.2 13.3 19.9

