

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013799.D
 Acq On : 29 Oct 2019 17:46
 Operator : SY/VA
 Sample : K5535-11
 Misc : 6.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEK33

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 11:11:58 AM

Quant Time: Oct 30 07:04:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 06:58:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	325960	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	281601	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	104007	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108659	27.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.68%
7) Chloroethane-d5	2.89	69	87006	23.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.24%
10) 1,1-Dichloroethene-d2	4.02	63	156970	17.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.08%
20) 2-Butanone-d5	7.07	46	69363	48.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.98%
24) Chloroform-d	7.65	84	219988	24.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.48%
26) 1,2-Dichloroethane-d4	8.30	65	120795	25.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.32%
29) Benzene-d6	8.27	84	464524	27.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.84%
33) 1,2-Dichloropropane-d6	9.27	67	139430	27.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.36%
37) Toluene-d8	10.32	98	405733	26.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.00%
38) trans-1,3-Dichloropropene-	10.58	79	56010	24.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.28%
39) 2-Hexanone-d5	10.93	63	53329	55.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106008	25.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	88002	23.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.76%

Target Compounds

					Ovalue
13) Acetone	4.12	43	17187	10.826 ug/L	96
16) Methylene chloride	4.92	84	11053m	1.771 ug/L	
44) Toluene	10.39	91	10522	0.485 ug/L	95
53) Ethylbenzene	11.73	91	46816	1.952 ug/L	95
54) m,p-Xylene	11.83	106	96648	10.427 ug/L	99
55) o-xylene	12.16	106	32597	3.706 ug/L	97

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

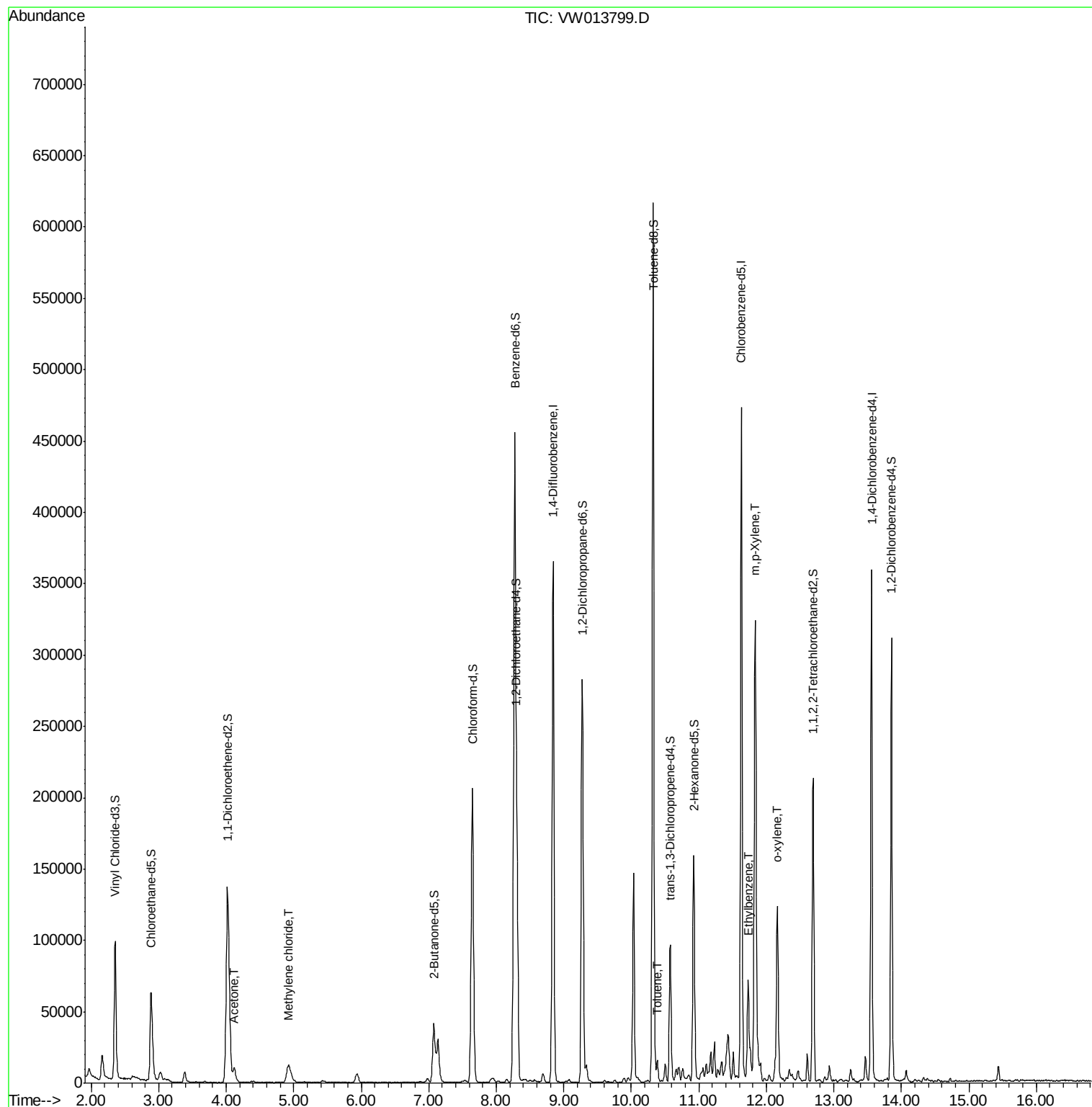
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102919\
Data File : VW013799.D
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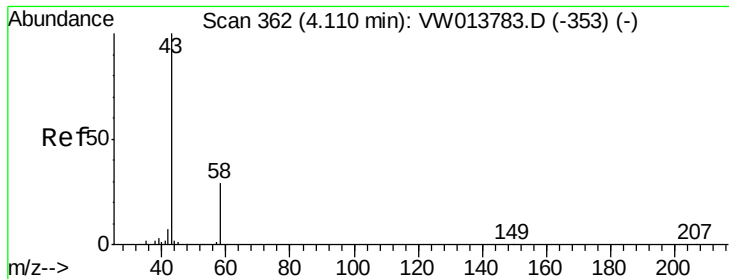
Instrument :
MSVOA_W
ClientSampleId :
BEK33

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Quant Time: Oct 30 07:04:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration





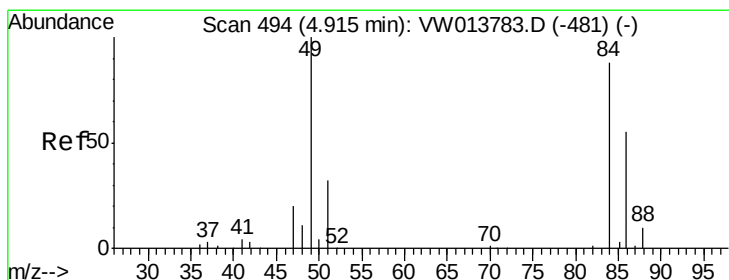
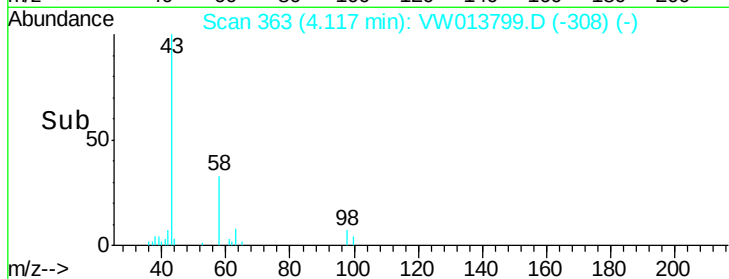
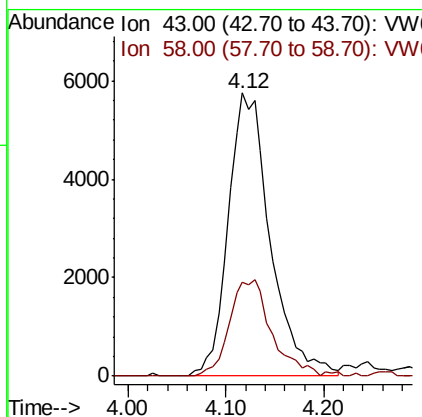
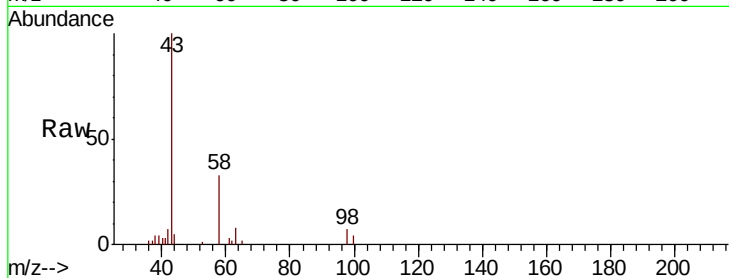
#13
Acetone
Concen: 10.826 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.01 min
Lab File: VW013799.D
Acq: 29 Oct 2019 17:46

Instrument :
MSVOA_W
ClientSampleId :
BEK33

Tot Ion: 43 Resp: 17187
Ion Ratio Lower Upper
43 100
58 32.9 0.0 70.4

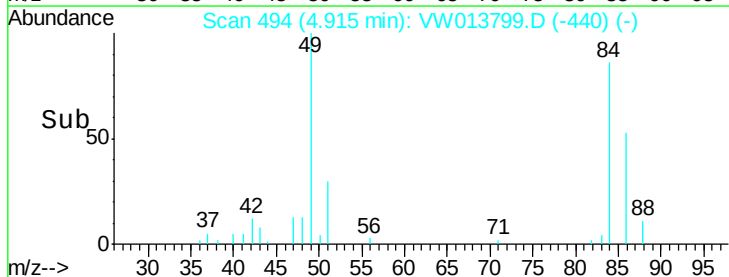
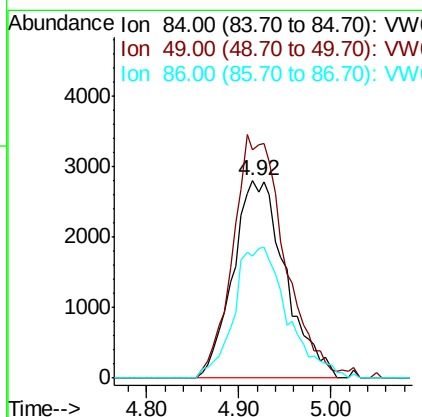
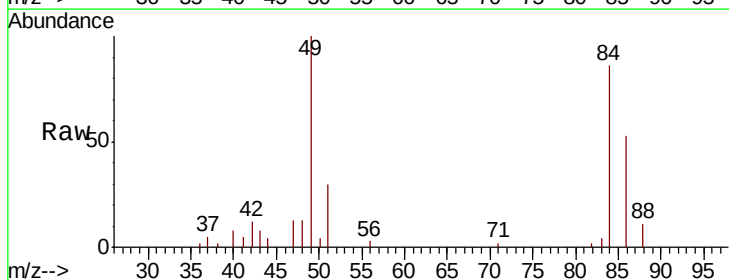
Manual Integrations
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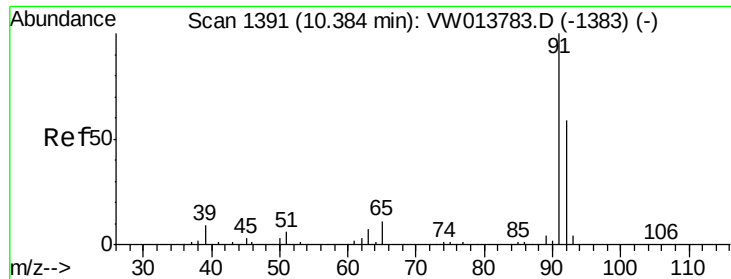
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#16
Methylene chloride
Concen: 1.771 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013799.D
Acq: 29 Oct 2019 17:46

Tgt Ion: 84 Resp: 11053
Ion Ratio Lower Upper
84 100
49 115.7 80.2 148.9
86 61.6 42.7 79.3





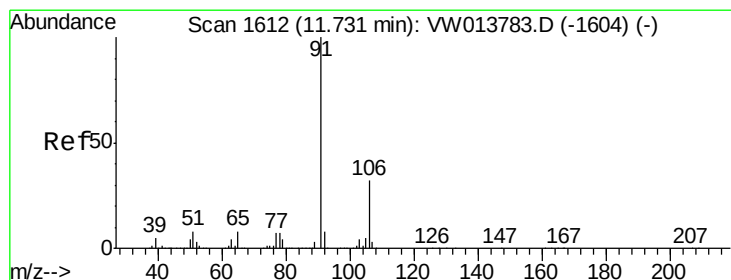
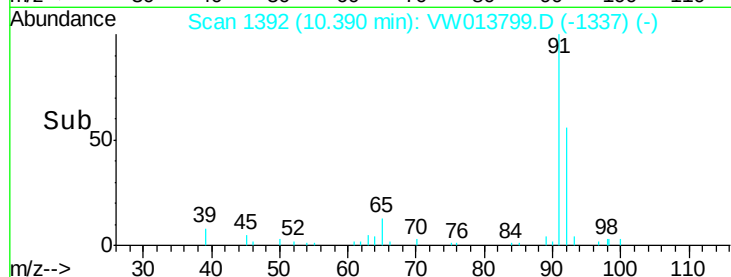
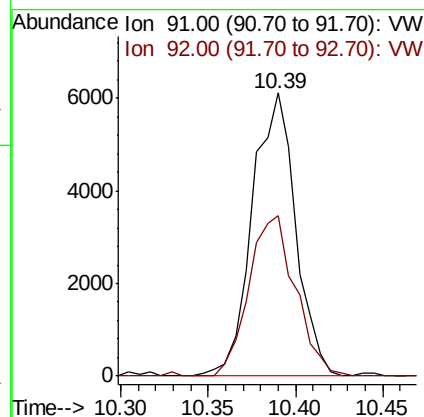
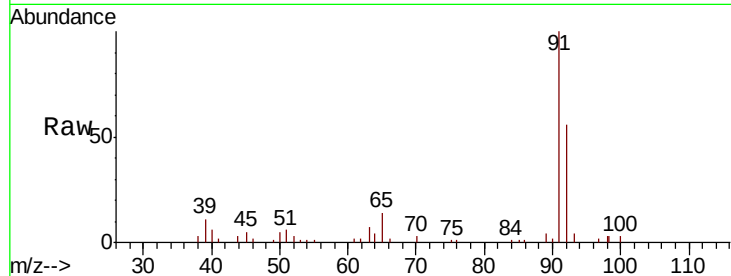
#44
Toluene
Concen: 0.485 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW013799.D
Acq: 29 Oct 2019 17:46

Instrument :
MSVOA_W
ClientSampleId :
BEK33

Tot Ion: 91 Resp: 10522
Ion Ratio Lower Upper
91 100
92 56.5 42.0 78.0

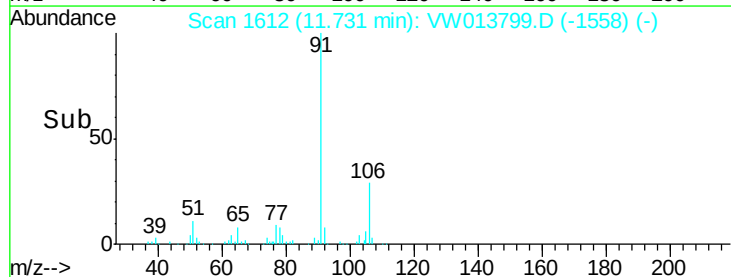
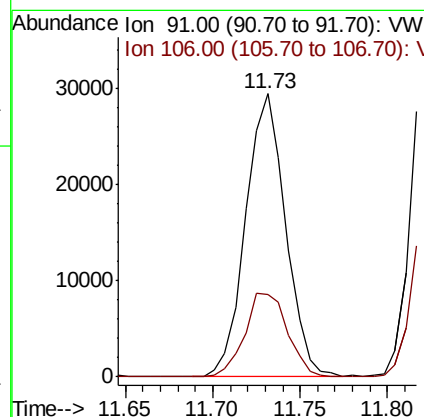
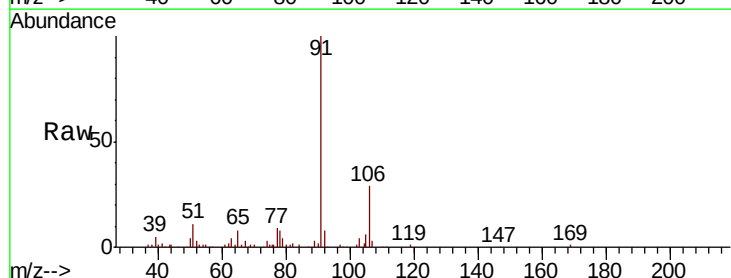
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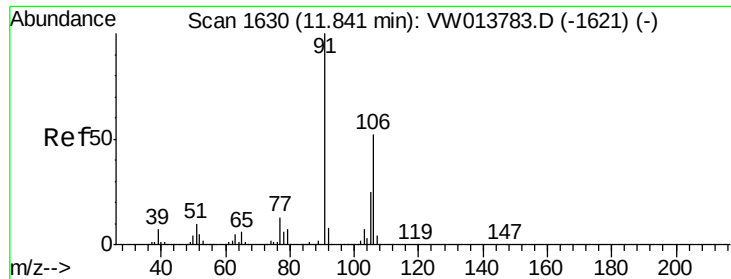
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#53
Ethylbenzene
Concen: 1.952 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013799.D
Acq: 29 Oct 2019 17:46

Tgt Ion: 91 Resp: 46816
Ion Ratio Lower Upper
91 100
106 29.0 22.3 41.3





#54

m,p-Xylene

Concen: 10.427 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW013799.D

Acq: 29 Oct 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

BEK33

Tot Ion:106 Resp: 96648

Ion Ratio Lower Upper

106 100

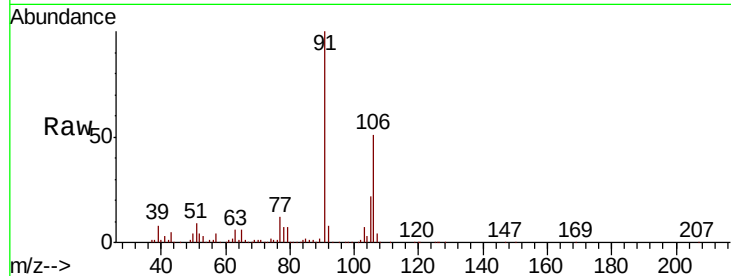
91 195.3 137.7 255.7

Manual Integrations

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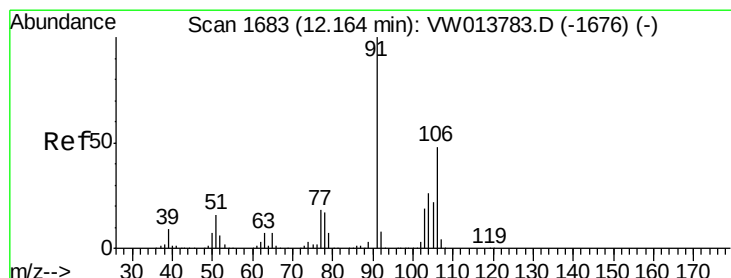
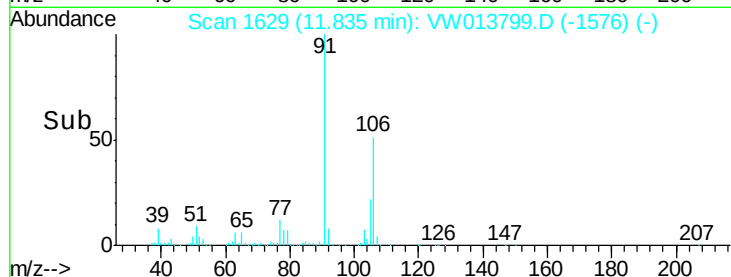
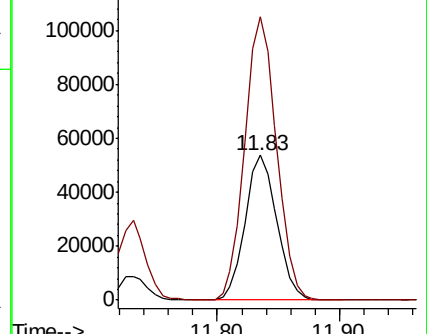
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10/30/2019 11:11:58 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 3.706 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW013799.D

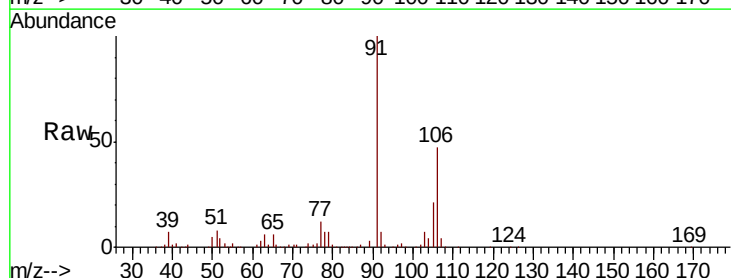
Acq: 29 Oct 2019 17:46

Tgt Ion:106 Resp: 32597

Ion Ratio Lower Upper

106 100

91 211.9 144.8 269.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

