

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080218\
 Data File : VU025809.D
 Acq On : 02 Aug 2018 21:59
 Operator : MD/SY
 Sample : J4265-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB5

Manual Integrations
 APPROVED

sam
 8/3/2018 11:19:53 AM

Quant Time: Aug 03 06:41:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 05:43:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	341408	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	306579	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	152787	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79002	40.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.06%
7) Chloroethane-d5	1.68	69	64312	40.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.27	63	129412	31.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.78%
21) 2-Butanone-d5	4.18	46	145510	96.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.70%
24) Chloroform-d	4.65	84	170281	39.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.44%
26) 1,2-Dichloroethane-d4	5.34	65	71063m	24.75	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	49.50%#
32) Benzene-d6	5.37	84	353899	45.01	ug/L	0.03
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
36) 1,2-Dichloropropane-d6	6.34	67	112344	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.68%
41) Toluene-d8	7.57	98	337906	44.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.62%
43) trans-1,3-Dichloropropene-	7.85	79	55922	43.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.42%
47) 2-Hexanone-d5	8.31	63	115781	109.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.14%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	152862	43.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	135461	43.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.50%

Target Compounds

					Ovalue
13) Acetone	2.32	43	6516	3.69	ug/L 96
33) Benzene	5.39	78	51757486m	5875.57	ug/L
42) Toluene	7.64	91	135551	14.27	ug/L 100
53) m,p-Xylene	9.38	106	6638	1.65	ug/L 100
54) o-xylene	9.78	106	5121	1.26	ug/L 90

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

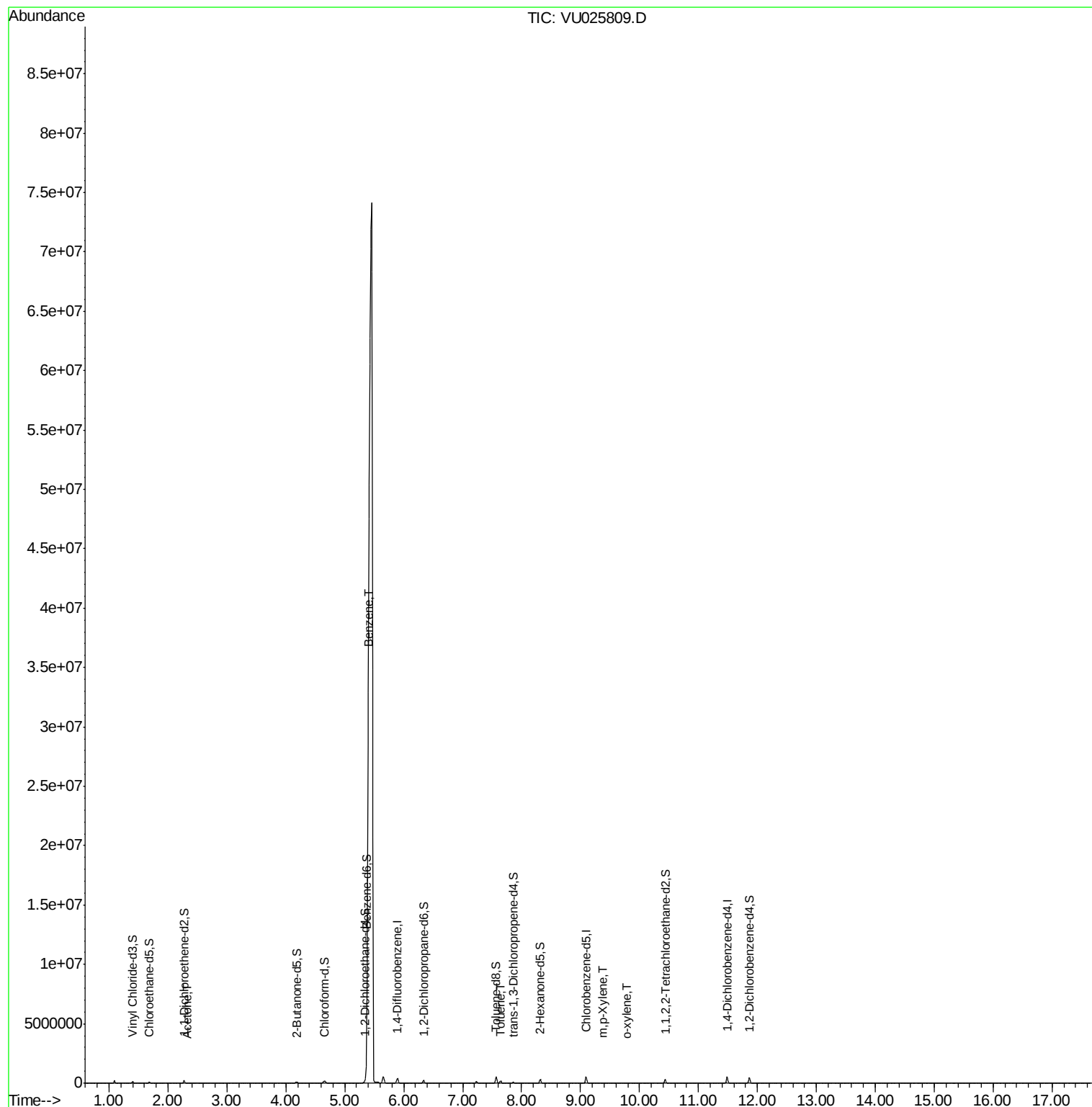
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080218\
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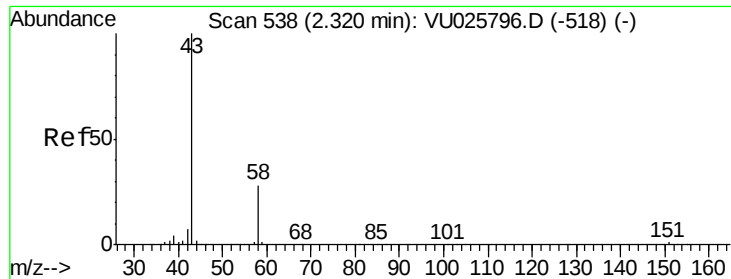
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Quant Title : VOC Analysis
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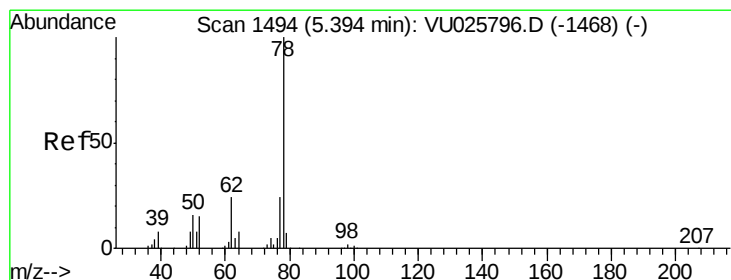
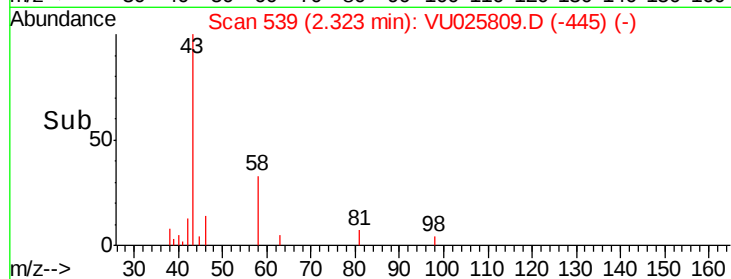
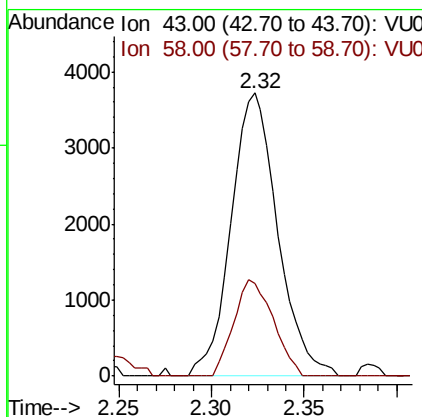
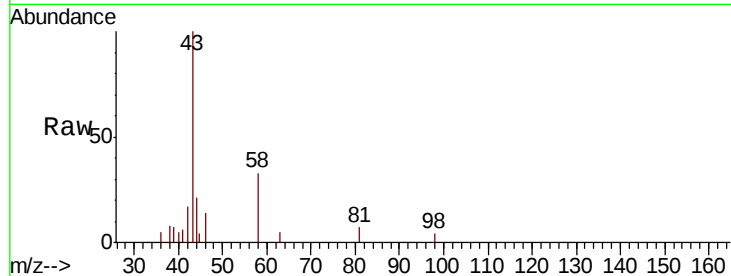
#13
Acetone
Concen: 3.69 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025809.D
Acq: 02 Aug 2018 21:59

Instrument :
MSVOA_U
ClientSampleId :
C0AB5

Tot Ion	Ratio	Lower	Upper
43	100		
58	28.7	0.0	61.2

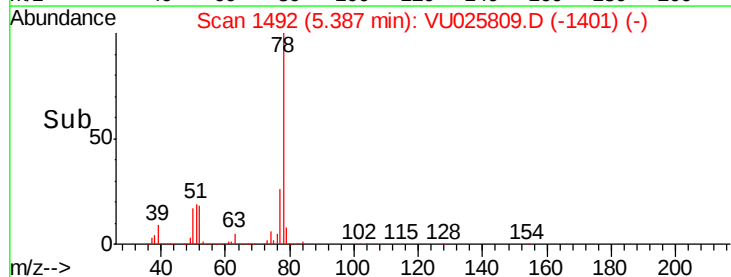
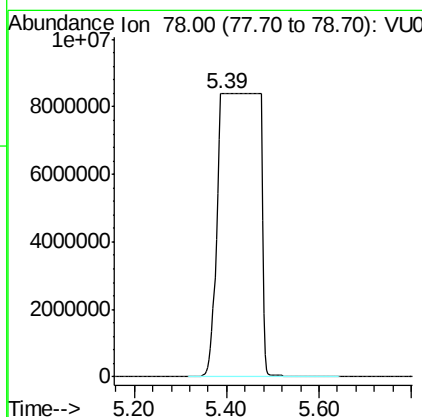
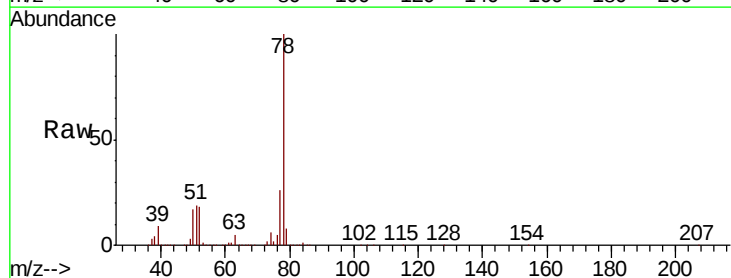
Manual Integrations
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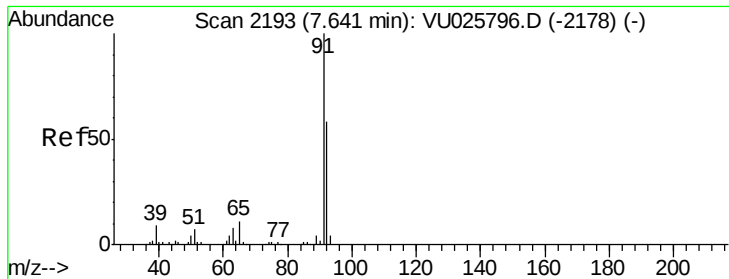
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#33
Benzene
Concen: 5875.57 ug/L m
RT: 5.39 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VU025809.D
Acq: 02 Aug 2018 21:59

Tgt Ion: 78 Resp:51757486





#42

Toluene

Concen: 14.27 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025809.D

Acq: 02 Aug 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

C0AB5

Tot Ion: 91 Resp: 13551

Ion Ratio Lower Upper

91 100

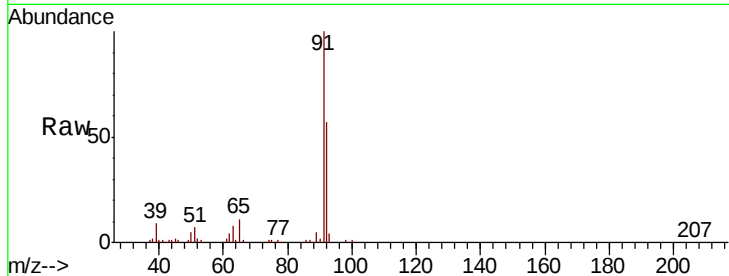
92 57.0 40.0 74.2

Manual Integrations

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sam

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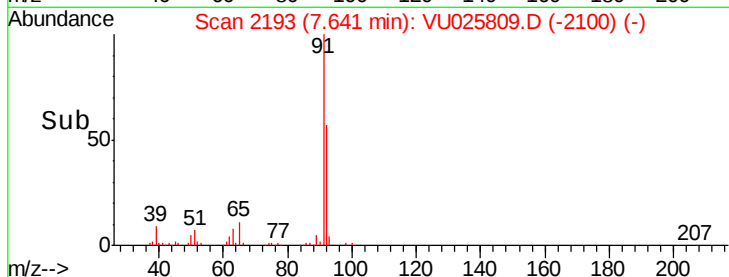


Abundance Ion 91.00 (90.70 to 91.70): VU025796.D (-2178) (-)

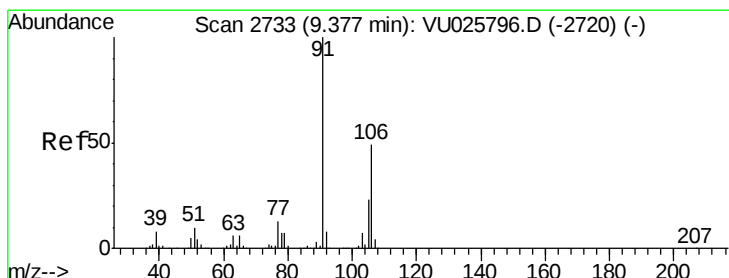
Ion 92.00 (91.70 to 92.70): VU025796.D (-2178) (-)

7.64

Time-->



Time-->



#53

m,p-Xylene

Concen: 1.65 ug/L

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU025809.D

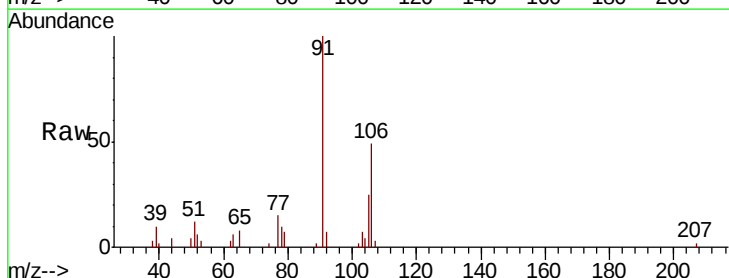
Acq: 02 Aug 2018 21:59

Tgt Ion: 106 Resp: 6638

Ion Ratio Lower Upper

106 100

91 202.3 141.7 263.3

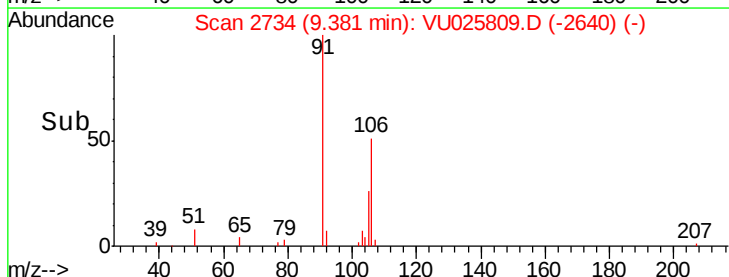


Abundance Ion 106.00 (105.70 to 106.70): VU025796.D (-2720) (-)

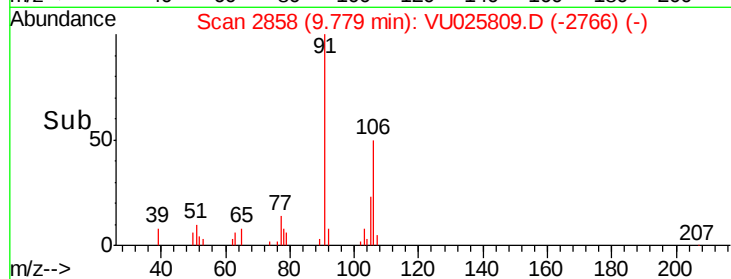
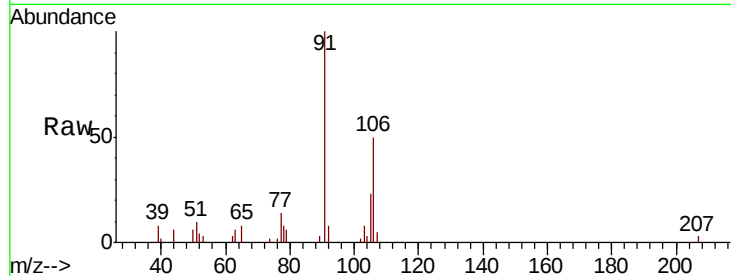
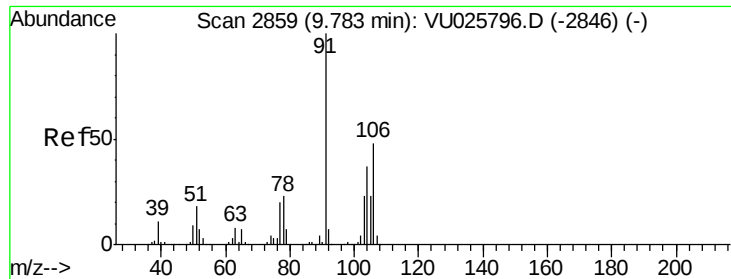
Ion 91.00 (90.70 to 91.70): VU025796.D (-2720) (-)

9.38

Time-->



Time-->



#54
o-xylene
Concen: 1.26 ug/L
RT: 9.78 min Scan# 2858
Delta R.T. -0.00 min
Lab File: VU025809.D
Acq: 02 Aug 2018 21:59

Tot Ion	Ratio	Lower	Upper
106	100		
91	198.7	150.6	279.6

Instrument :
MSVOA_U
ClientSampleId :
C0AB5

Manual Integrations
APPROVED

sam
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