

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\
 Data File : VW011804.D
 Acq On : 09 Aug 2019 11:14
 Operator : SY/VA
 Sample : K4215-05RE
 Misc : 5.43G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB6RE

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 1:09:41 PM

Quant Time: Aug 10 03:59:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 03:43:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	152525	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	93865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	21827	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	68077	31.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.80%
7) Chloroethane-d5	2.88	69	55522	35.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	143.56%
10) 1,1-Dichloroethene-d2	4.02	63	103417	21.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.00%
20) 2-Butanone-d5	7.08	46	62183	64.30	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.60%
24) Chloroform-d	7.65	84	137409	32.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	131.20%
26) 1,2-Dichloroethane-d4	8.30	65	95206	38.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	153.60%#
29) Benzene-d6	8.27	84	239010	40.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	161.96%#
33) 1,2-Dichloropropane-d6	9.27	67	93206	48.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	195.68%#
37) Toluene-d8	10.32	98	141484	27.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.04%
38) trans-1,3-Dichloropropene-	10.58	79	28745	34.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	137.68%#
39) 2-Hexanone-d5	10.93	63	38705	86.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.92%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	67394	42.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	170.36%#
61) 1,2-Dichlorobenzene-d4	13.85	152	21954	26.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.40%

Target Compounds

					Ovalue
13) Acetone	4.13	43	9013	8.702 ug/L	95
16) Methylene chloride	4.92	84	7638	3.209 ug/L	95
22) cis-1,2-Dichloroethene	7.16	96	3723m	1.572 ug/L	
47) Tetrachloroethene	10.86	164	1800	1.411 ug/L	95
54) m,p-Xylene	11.83	106	2290	0.845 ug/L	65

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

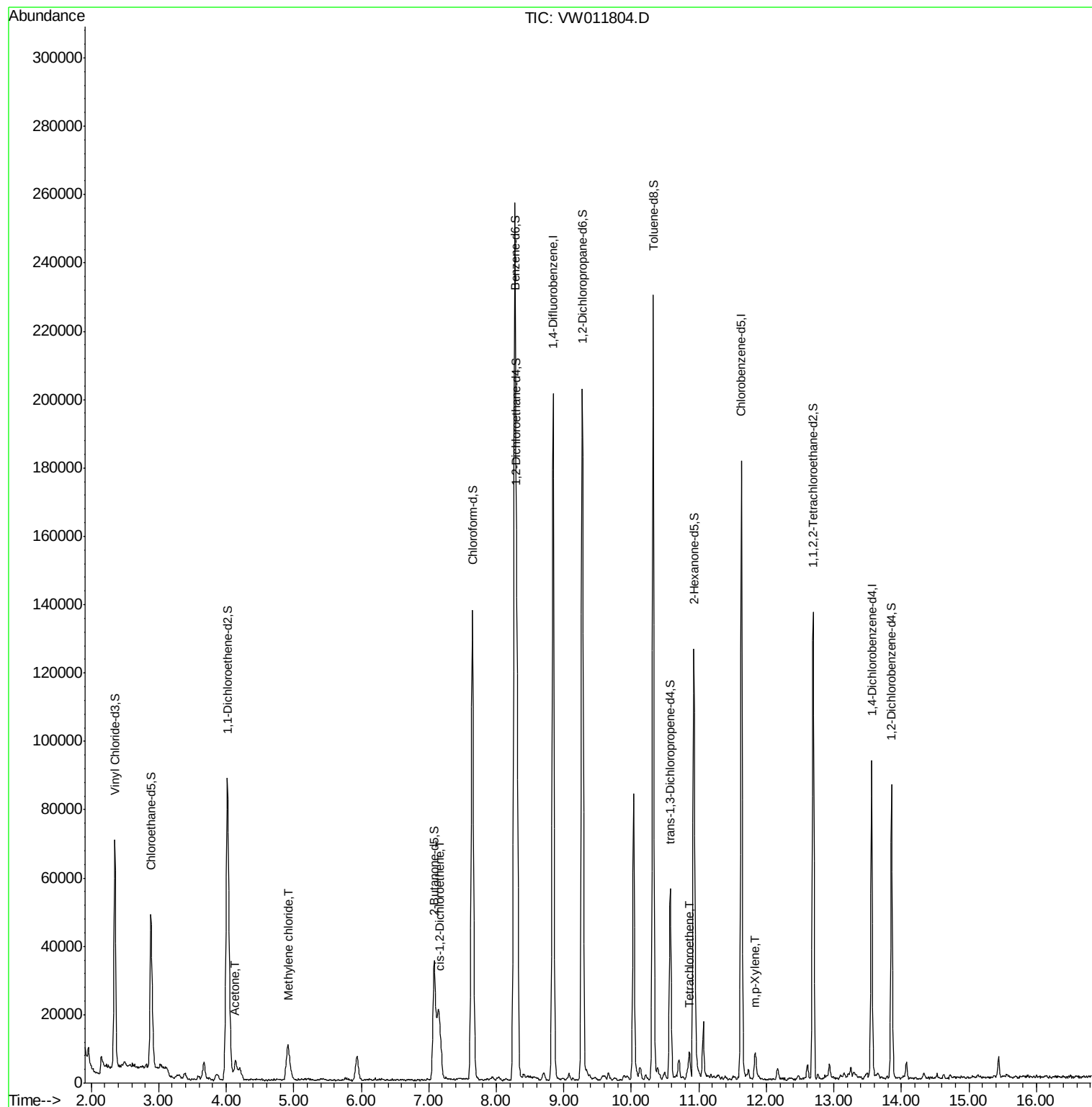
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\
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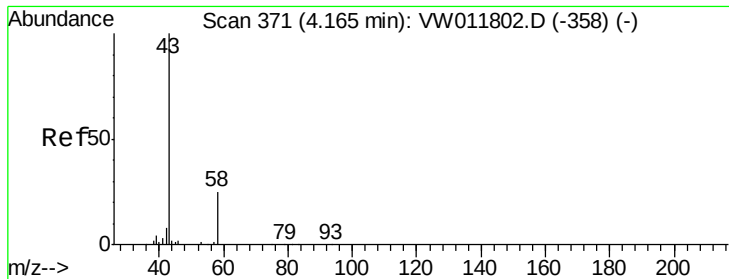
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Aug 10 03:59:08 2019
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QLast Update : Sat Aug 10 03:43:50 2019
Response via : Initial Calibration





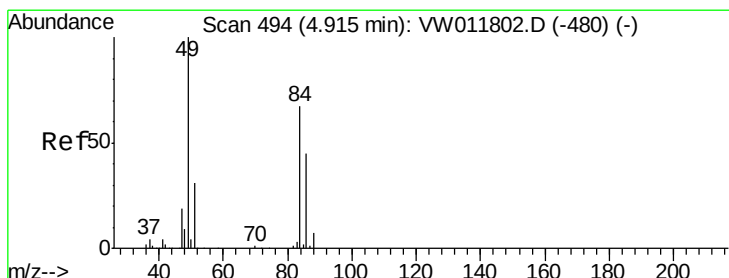
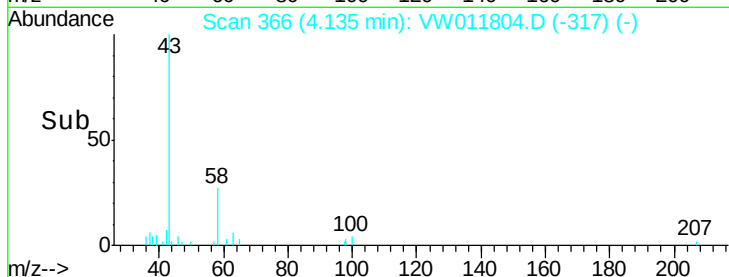
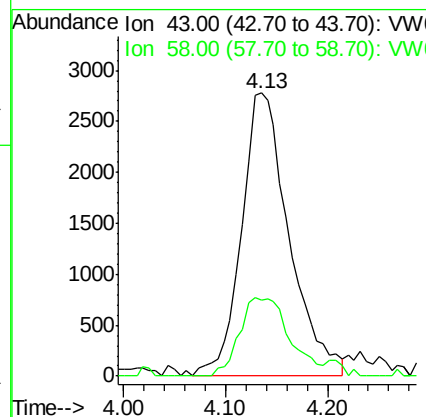
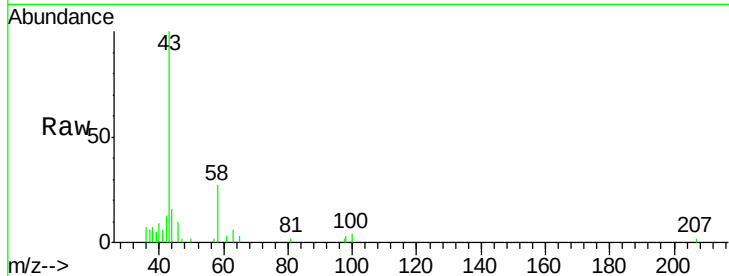
#13
Acetone
Concen: 8.702 ug/L
RT: 4.13 min Scan# 366
Delta R.T. -0.03 min
Lab File: VW011804.D
Acq: 09 Aug 2019 11:14

Instrument :
MSVOA_W
ClientSampleId :
ETOB6RE

Tot Ion: 43 Resp: 9013
Ion Ratio Lower Upper
43 100
58 29.2 0.0 53.4

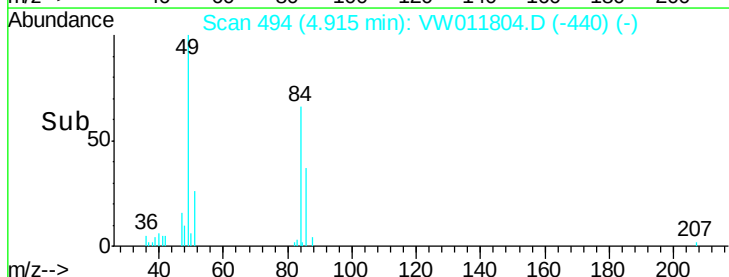
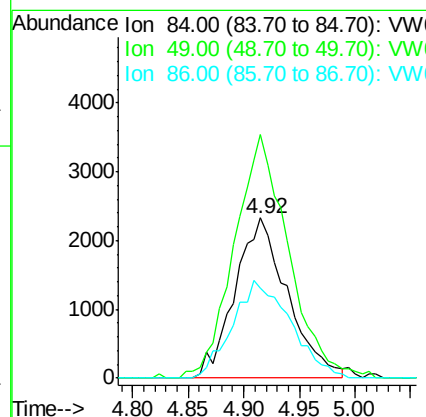
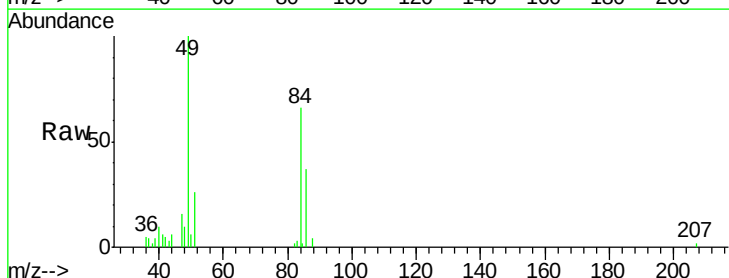
Manual Integrations
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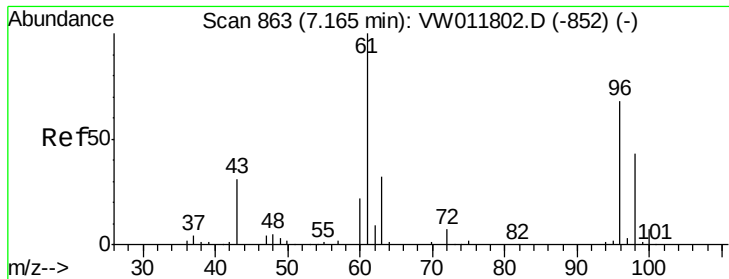
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#16
Methylene chloride
Concen: 3.209 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW011804.D
Acq: 09 Aug 2019 11:14

Tgt Ion: 84 Resp: 7638
Ion Ratio Lower Upper
84 100
49 148.1 106.8 198.4
86 54.5 42.8 79.4





#22

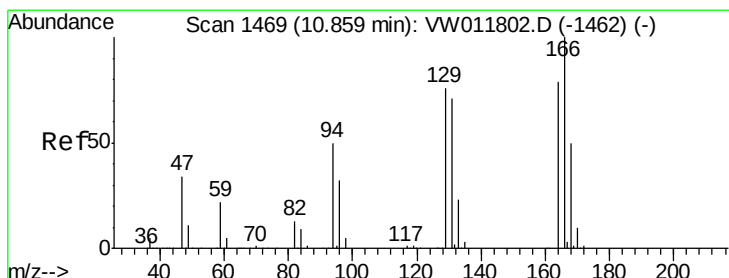
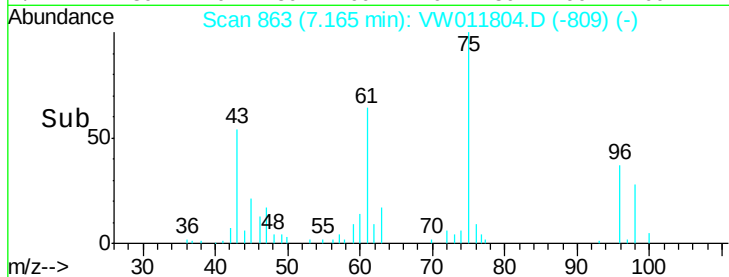
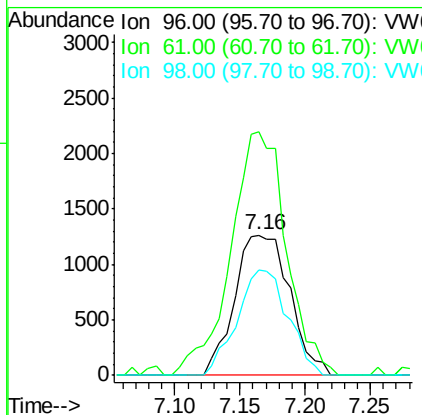
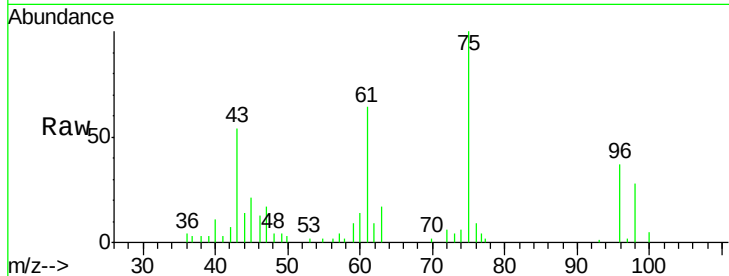
cis-1,2-Dichloroethene
Concen: 1.572 ug/L m
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011804.D
Acq: 09 Aug 2019 11:14

Instrument :
MSVOA_W
ClientSampleId :
ETOB6RE

Tot Ion	Ratio	Lower	Upper
96	100		
61	173.9	103.9	192.9
98	75.4	43.5	80.9

Manual Integrations
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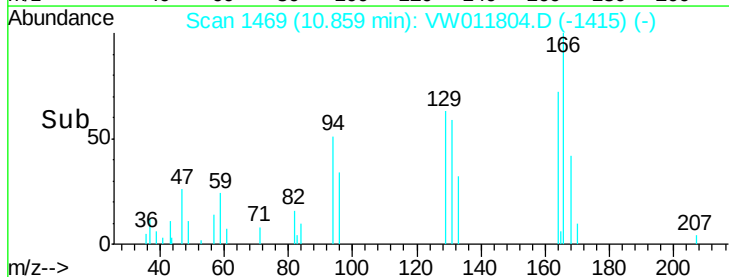
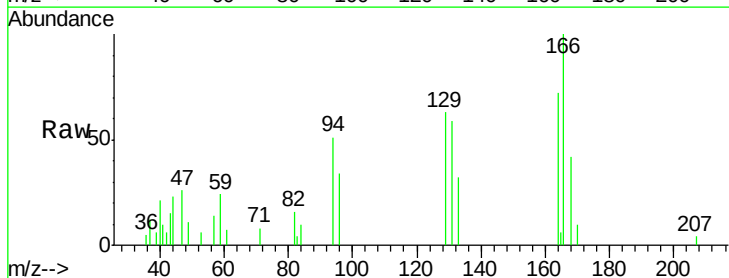
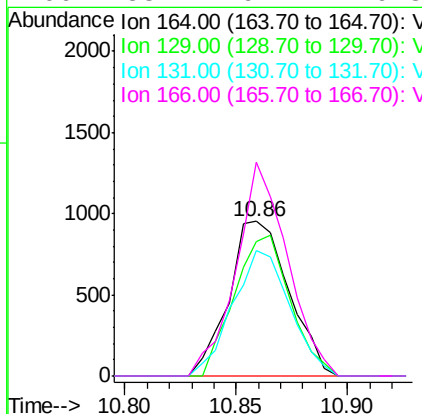
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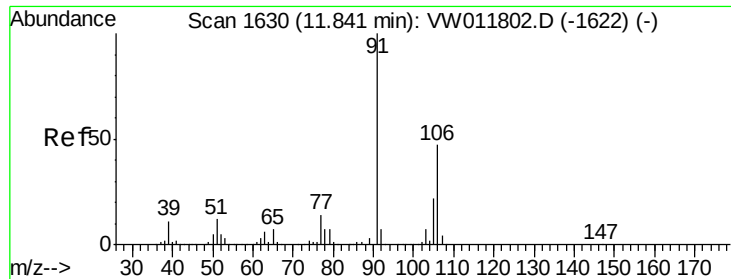


#47

Tetrachloroethene
Concen: 1.411 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011804.D
Acq: 09 Aug 2019 11:14

Tgt Ion	Ratio	Lower	Upper
164	100		
129	87.3	64.0	119.0
131	81.4	58.6	108.8
166	138.2	91.7	170.3





#54

m,p-Xylene

Concen: 0.845 ug/L

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW011804.D

Acq: 09 Aug 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

ETOB6RE

Tot Ion:106 Resp: 2290

Ion Ratio Lower Upper

106 100

91 158.4 149.6 277.8

Manual Integrations

APPROVED

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