

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100318\
 Data File : VW005808.D
 Acq On : 03 Oct 2018 12:28
 Operator : SY/AP
 Sample : J5182-17
 Misc : 5.37G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 05:17:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 04 05:16:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	239978	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	225769	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	97542	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	41273	13.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.96%
7) Chloroethane-d5	2.90	69	37002	15.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.00%
10) 1,1-Dichloroethene-d2	4.01	63	75726	11.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.36%
20) 2-Butanone-d5	7.09	46	35216	35.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.72%
24) Chloroform-d	7.65	84	131302	21.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	8.31	65	80301	21.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.04%
29) Benzene-d6	8.27	84	217901	19.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.00%
33) 1,2-Dichloropropane-d6	9.27	67	67089	20.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.08%
37) Toluene-d8	10.33	98	190755	17.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.16%
38) trans-1,3-Dichloropropene-	10.58	79	30513	17.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.96%
39) 2-Hexanone-d5	10.93	63	26081	34.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	64306	20.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.96%
61) 1,2-Dichlorobenzene-d4	13.87	152	72463	21.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.00%

Target Compounds

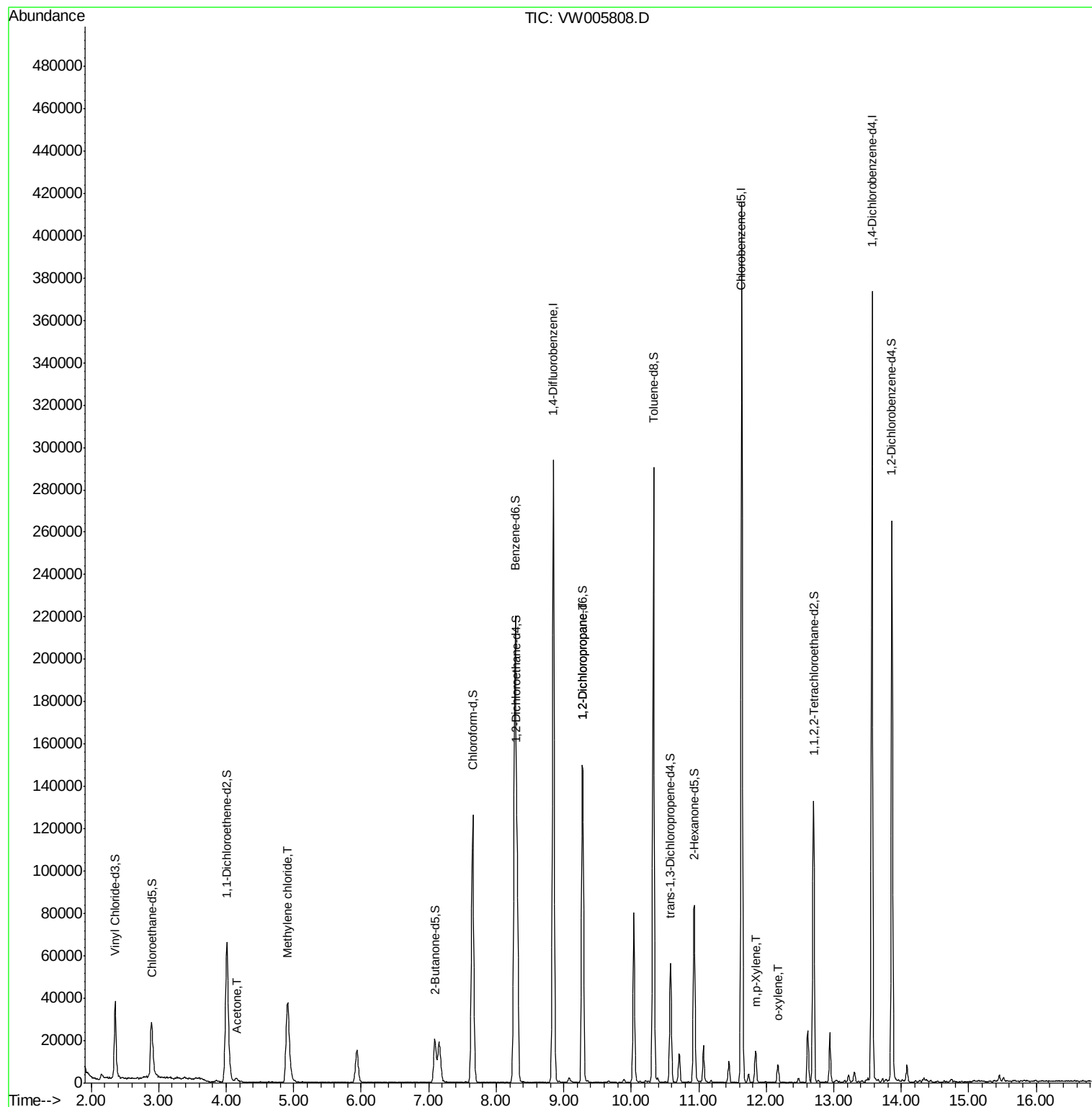
					Ovalue
13) Acetone	4.15	43	2412	2.358 ug/L	81
16) Methylene chloride	4.91	84	32520	8.219 ug/L	97
40) 1,2-Dichloropropane	9.28	63	8384	2.697 ug/L #	87
54) m,p-Xylene	11.84	106	4300	0.699 ug/L	100
55) o-xylene	12.17	106	2144	0.370 ug/L	86

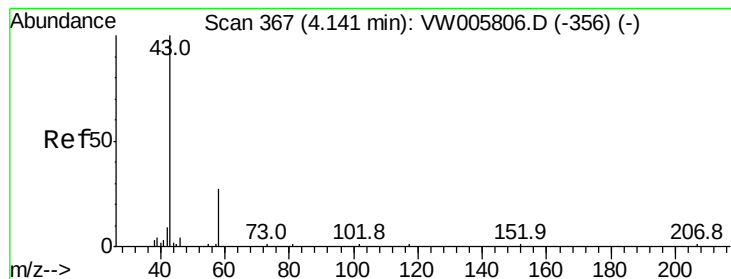
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.358 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW005808.D

Acq: 03 Oct 2018 12:28

Instrument :

MSVOA_W

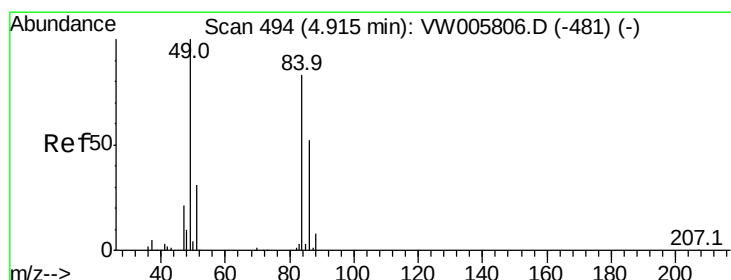
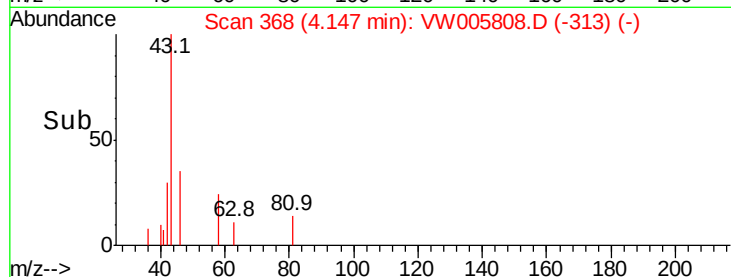
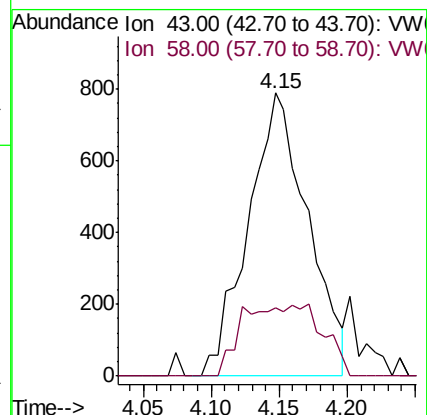
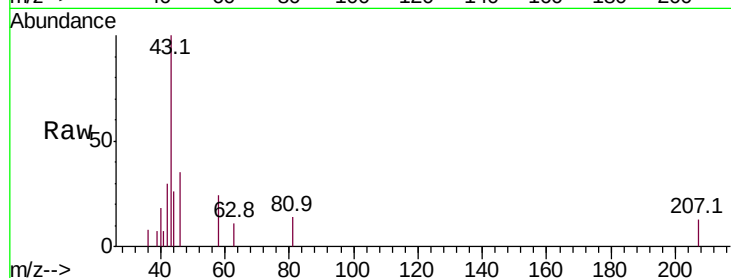
ClientSampleId :

Tot Ion: 43 Resp: 2412

Ion Ratio Lower Upper

43 100

58 7.7 0.0 31.8



#16

Methylene chloride

Concen: 8.219 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005808.D

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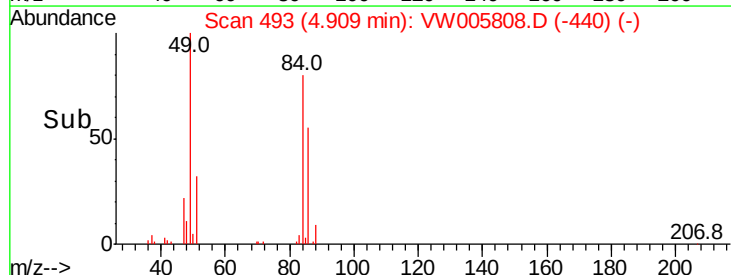
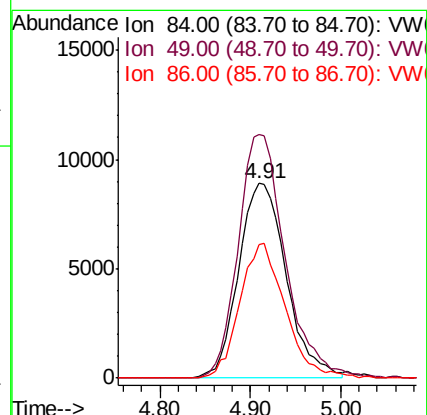
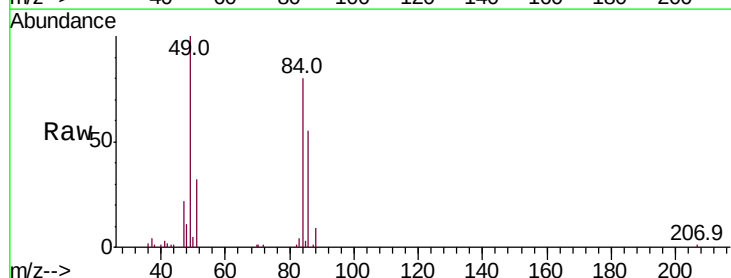
Tgt Ion: 84 Resp: 32520

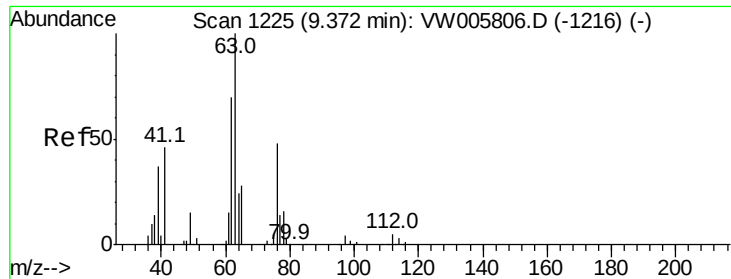
Ion Ratio Lower Upper

84 100

49 124.9 87.2 162.0

86 68.7 43.2 80.2

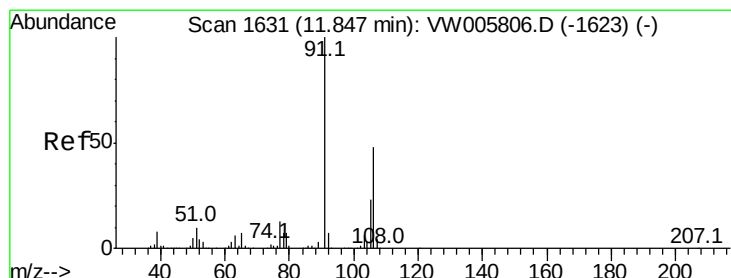
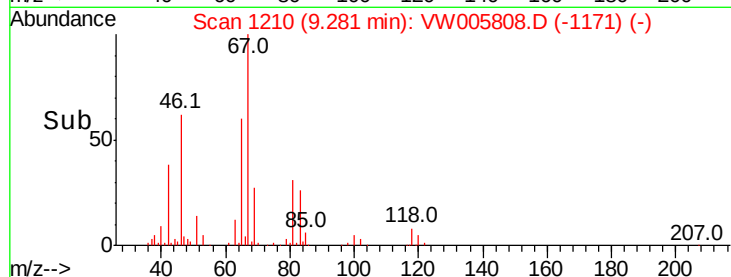
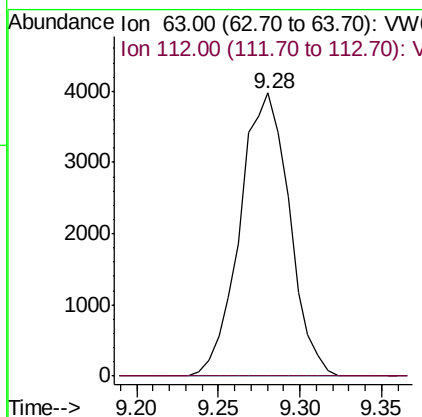
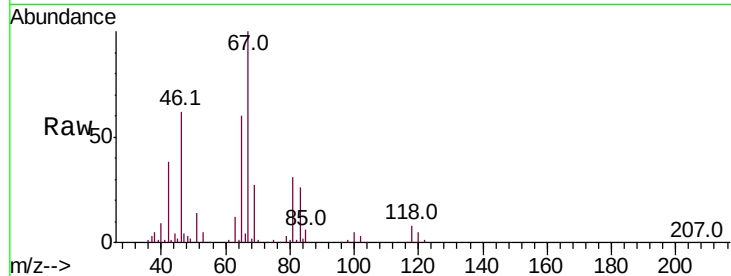




#40
 1,2-Dichloropropane
 Concen: 2.697 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW005808.D
 Acq: 03 Oct 2018 12:28

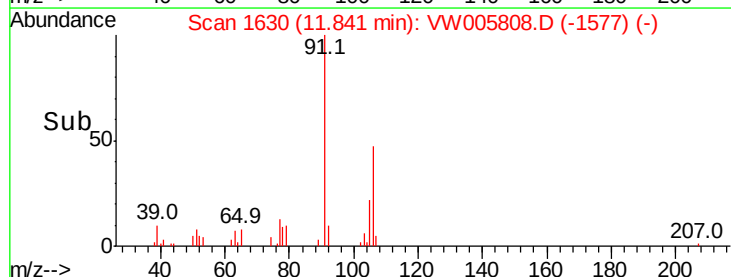
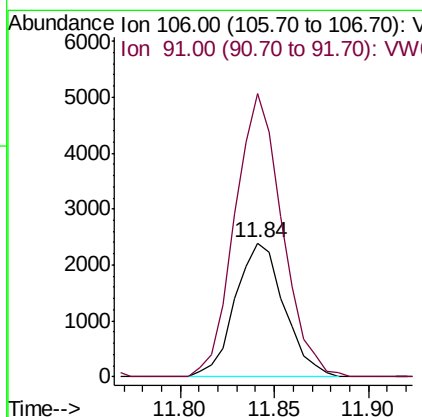
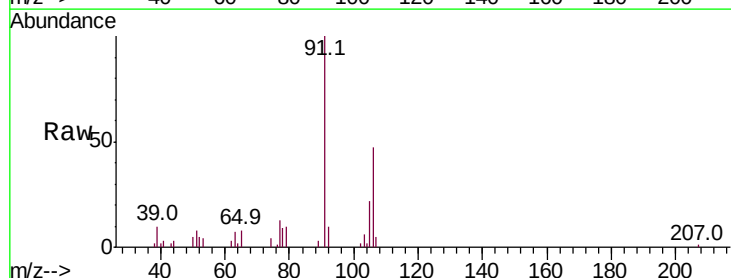
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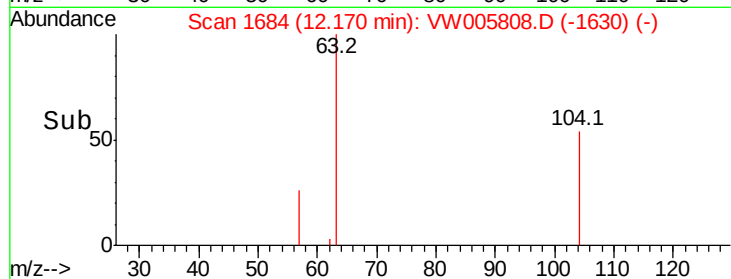
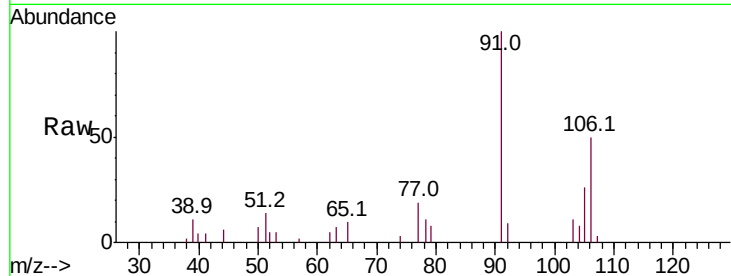
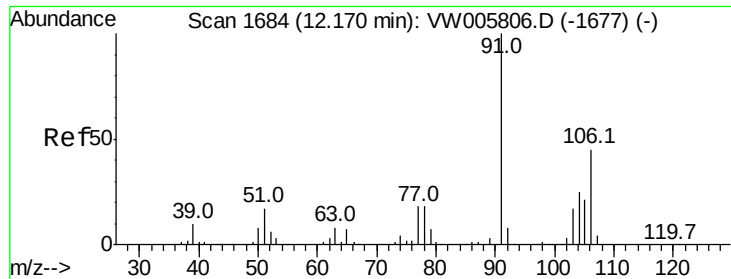
Tot Ion: 63 Resp: 8384
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#54
 m,p-Xylene
 Concen: 0.699 ug/L
 RT: 11.84 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: VW005808.D
 Acq: 03 Oct 2018 12:28

Tgt Ion: 106 Resp: 4300
 Ion Ratio Lower Upper
 106 100
 91 211.7 147.7 274.3





#55
o-xylene
Concen: 0.370 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005808.D
Acq: 03 Oct 2018 12:28

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:106 Resp: 2144
Ion Ratio Lower Upper
106 100
91 201.1 156.5 290.7

