

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005732.D
 Acq On : 01 Oct 2018 13:53
 Operator : SY/AP
 Sample : J5180-01
 Misc : 5.89G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 05:44:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 05:44:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	259238	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	220738	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	78453	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	50619	15.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.28%
7) Chloroethane-d5	2.90	69	43842	17.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.00%
10) 1,1-Dichloroethene-d2	4.01	63	88266	12.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.92%
20) 2-Butanone-d5	7.23	46	68	0.06	ug/L	0.14
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.12%#
24) Chloroform-d	7.65	84	139620	20.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.84%
26) 1,2-Dichloroethane-d4	8.31	65	85944	21.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.24%
29) Benzene-d6	8.27	84	242744	22.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.84%
33) 1,2-Dichloropropane-d6	9.28	67	75420	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.52%
37) Toluene-d8	10.33	98	211317	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.36%
38) trans-1,3-Dichloropropene-	10.59	79	34321	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.76%
39) 2-Hexanone-d5	10.93	63	28092	37.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.96%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	60496	19.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	57155	20.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.36%

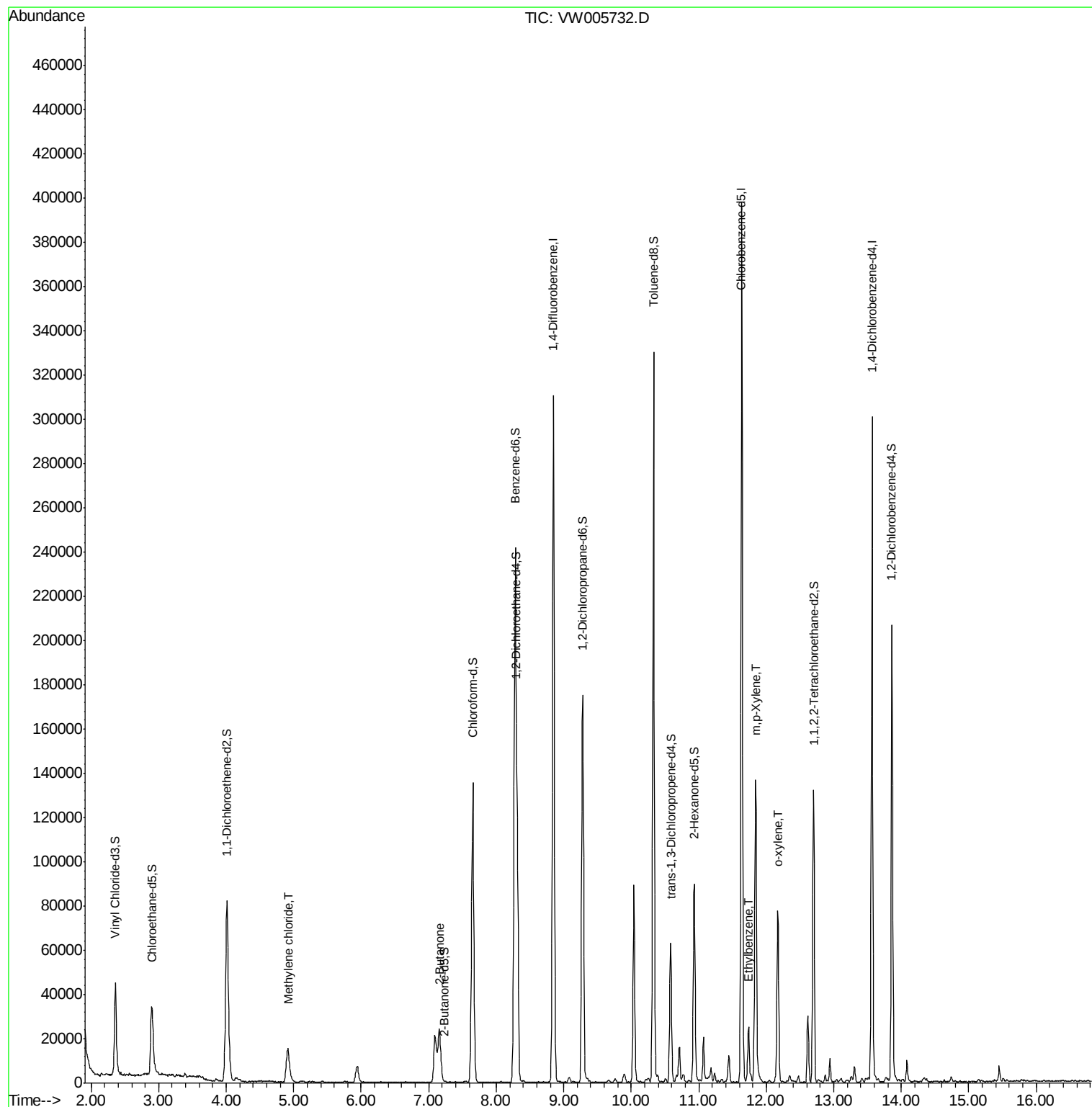
Target Compounds					Ovalue
16) Methylene chloride	4.91	84	12513	2.927 ug/L	95
21) 2-Butanone	7.15	43	4646	3.511 ug/L #	52
53) Ethylbenzene	11.74	91	15782	0.989 ug/L	90
54) m,p-Xylene	11.84	106	41490	6.901 ug/L	99
55) o-xylene	12.17	106	19875	3.507 ug/L	90

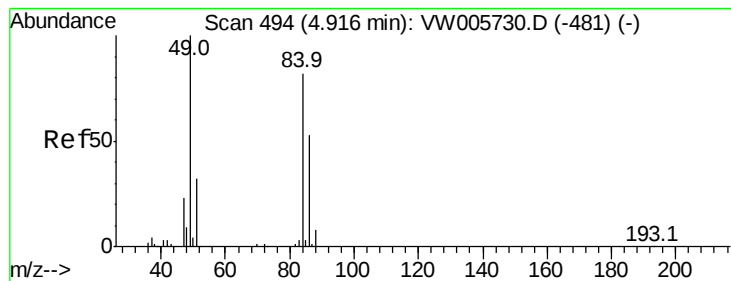
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 02 05:44:23 2018
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.927 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005732.D

Acq: 01 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampled :

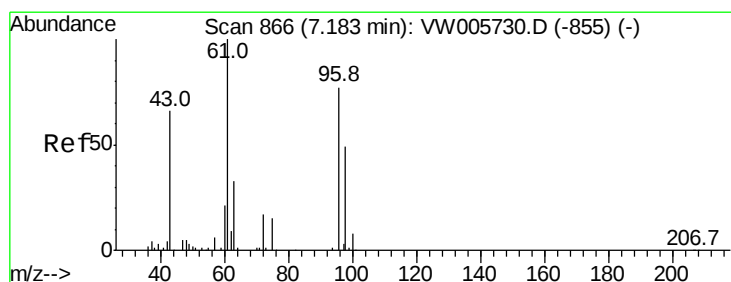
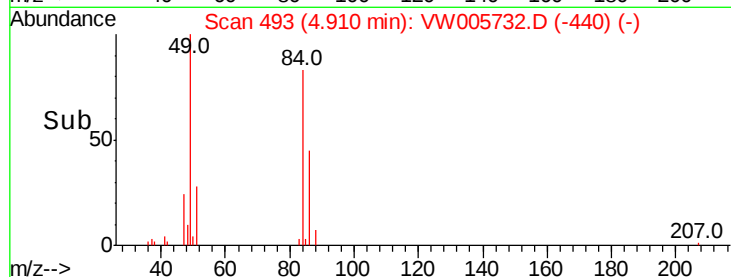
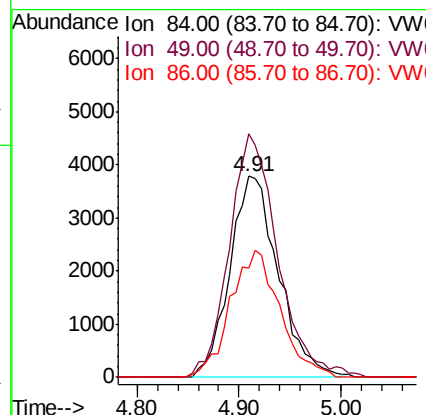
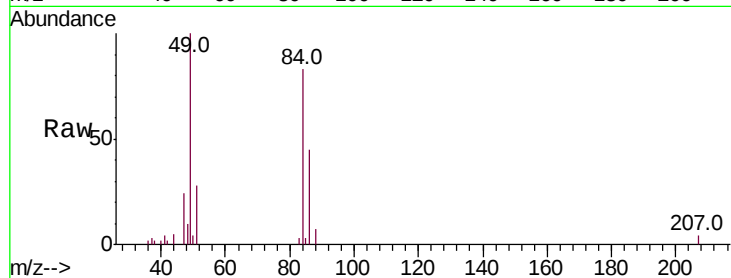
Tot Ion: 84 Resp: 12513

Ion Ratio Lower Upper

84 100

49 121.1 87.2 162.0

86 54.4 43.2 80.2



#21

2-Butanone

Concen: 3.511 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW005732.D

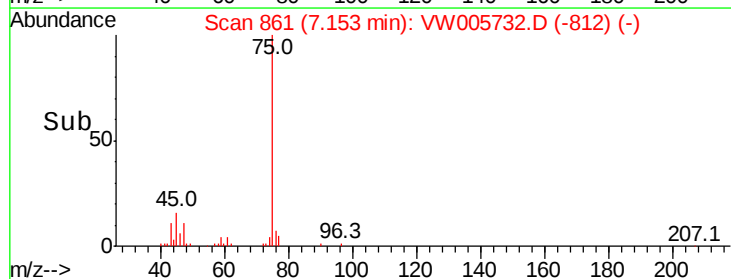
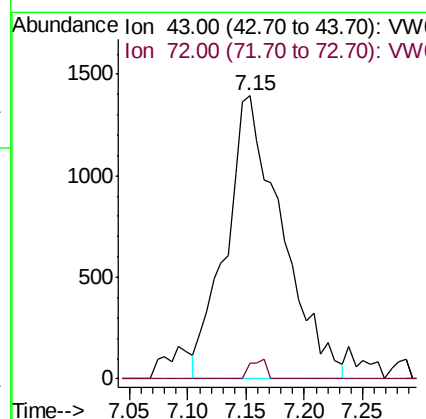
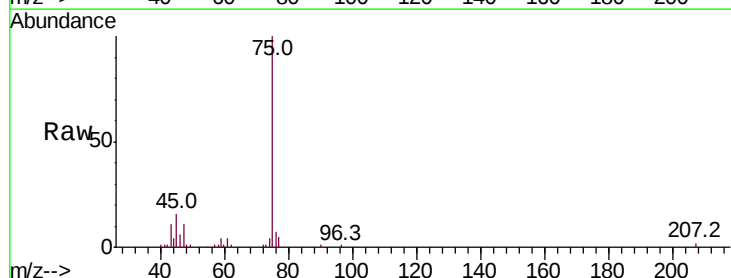
Acq: 01 Oct 2018 13:53

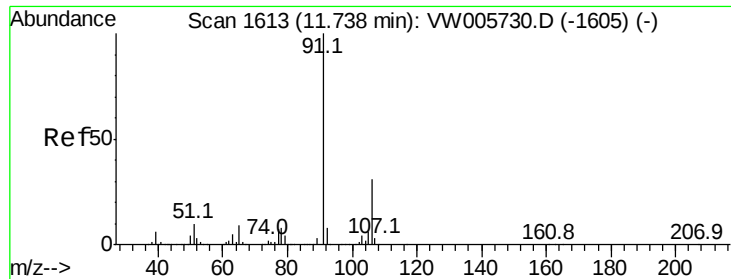
Tgt Ion: 43 Resp: 4646

Ion Ratio Lower Upper

43 100

72 2.0 13.2 39.6#

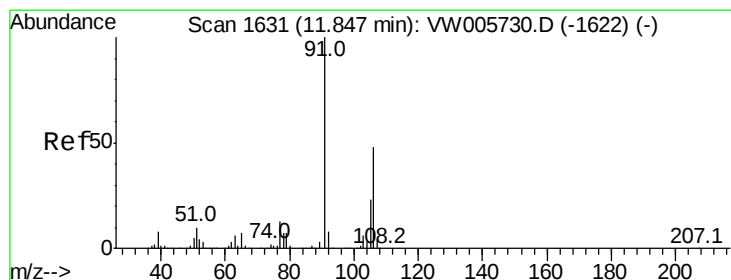
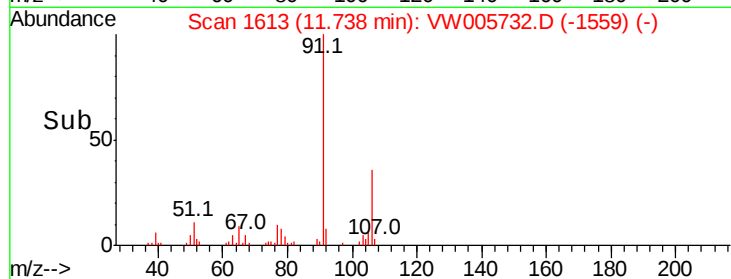
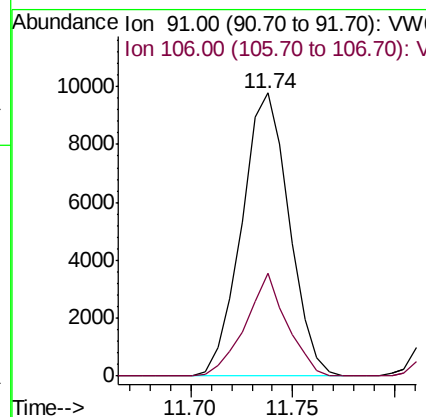
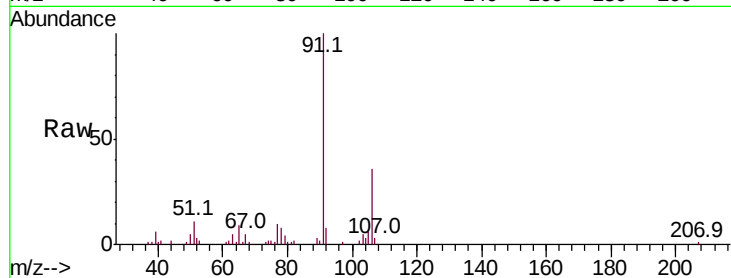




#53
Ethylbenzene
Concen: 0.989 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005732.D
Acq: 01 Oct 2018 13:53

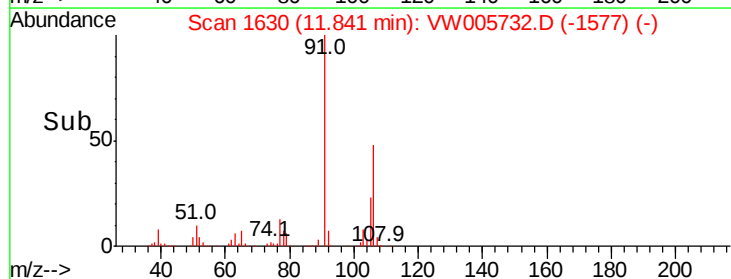
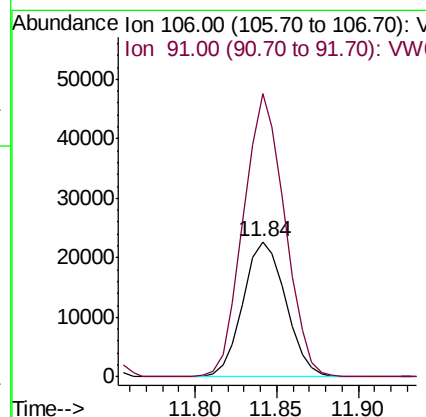
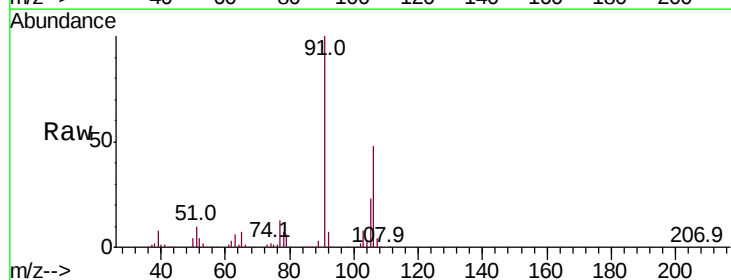
Instrument :
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ClientSampled :

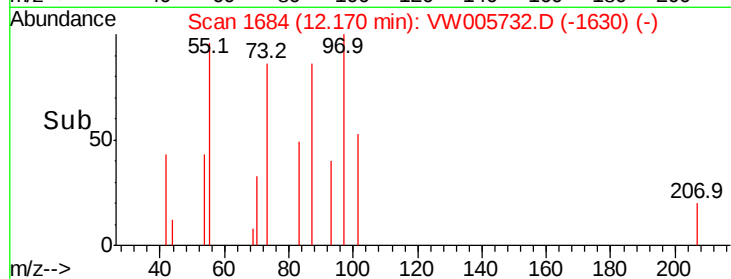
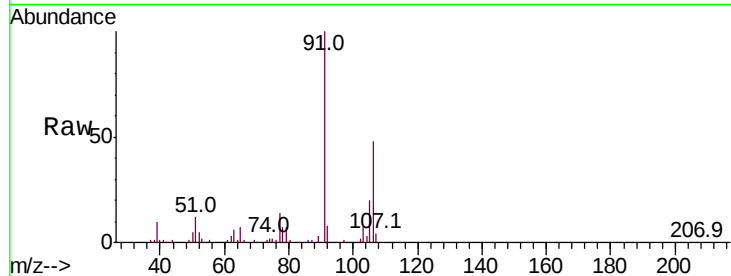
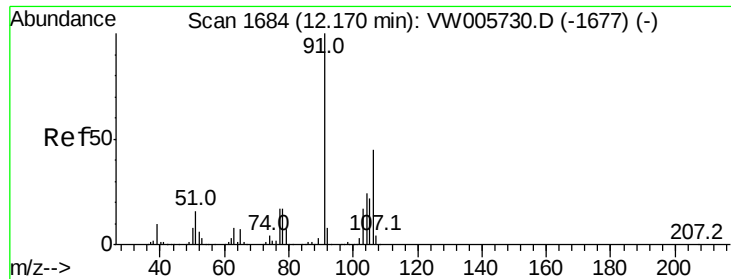
Tot Ion: 91 Resp: 15782
Ion Ratio Lower Upper
91 100
106 36.1 21.5 39.9



#54
m,p-Xylene
Concen: 6.901 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005732.D
Acq: 01 Oct 2018 13:53

Tgt Ion: 106 Resp: 41490
Ion Ratio Lower Upper
106 100
91 209.7 147.7 274.3





#55
o-xylene
Concen: 3.507 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005732.D
Acq: 01 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:106 Resp: 19875
Ion Ratio Lower Upper
106 100
91 207.0 156.5 290.7

