

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032919\
 Data File : VX008539.D
 Acq On : 29 Mar 2019 13:20
 Operator : JC/SP
 Sample : K2159-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: Mar 29 14:46:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	33989	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	198997	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	173075	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	88271	31.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.47%
60) 4-Bromofluorobenzene	11.13	95	85289	28.28	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.27%
63) Toluene-d8	8.71	98	248852	30.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.97%

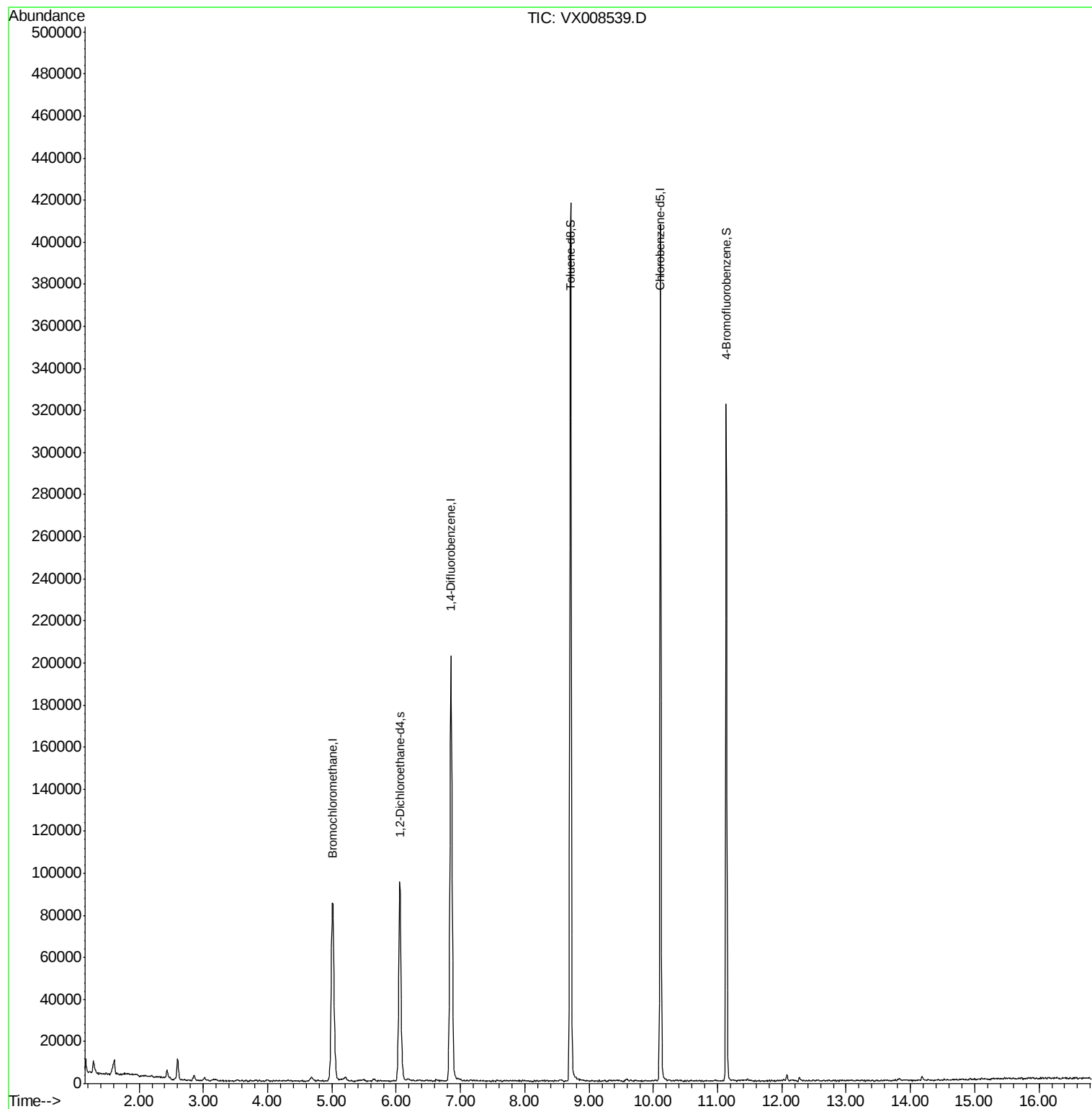
Target Compounds	Ovalue

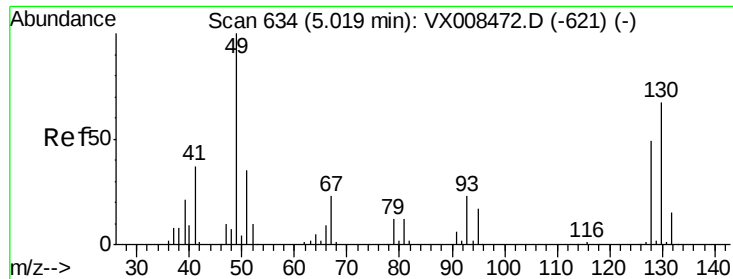
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008539.D

Acq: 29 Mar 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

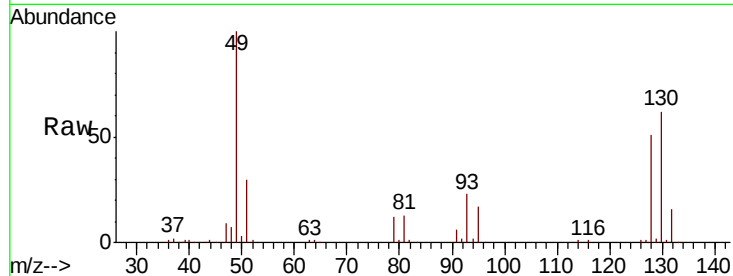
Tot Ion:128 Resp: 33989

Ion Ratio Lower Upper

128 100

49 207.7 0.0 350.8

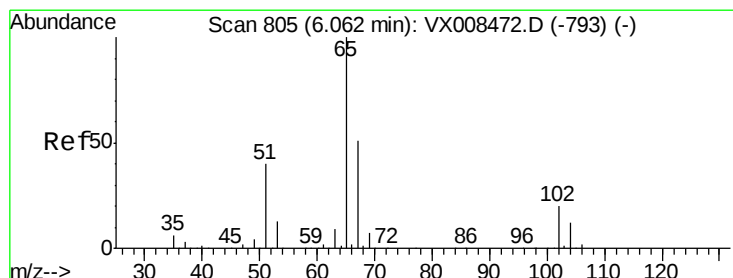
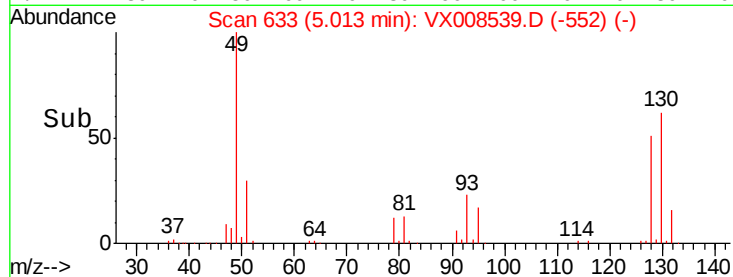
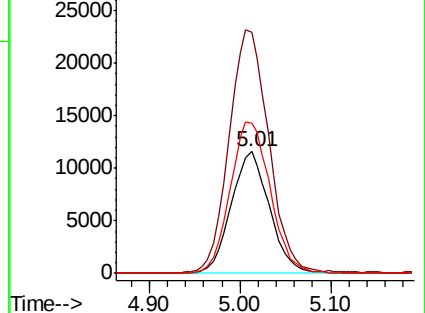
130 129.9 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 31.045 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008539.D

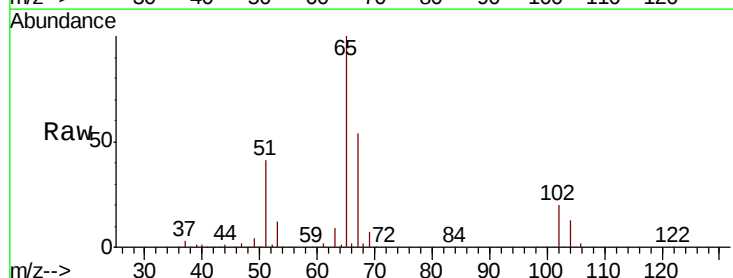
Acq: 29 Mar 2019 13:20

Tgt Ion: 65 Resp: 88271

Ion Ratio Lower Upper

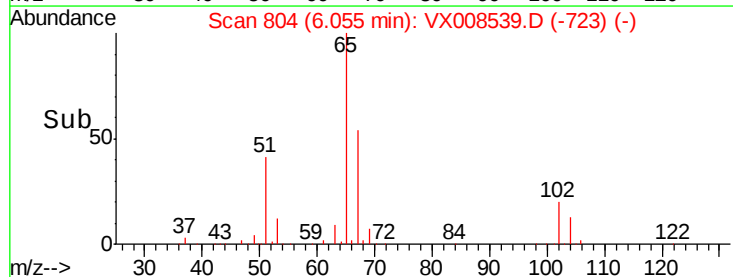
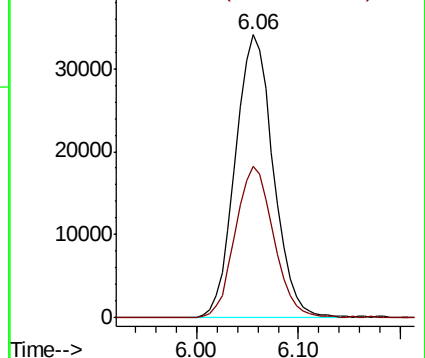
65 100

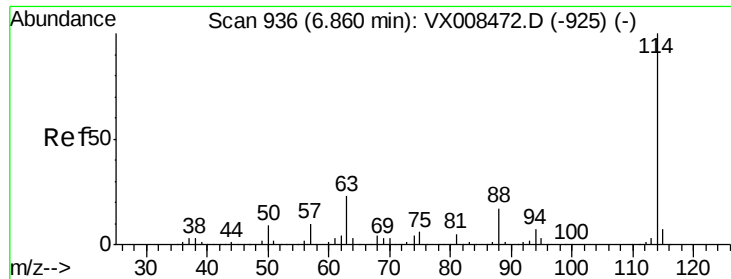
67 54.0 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

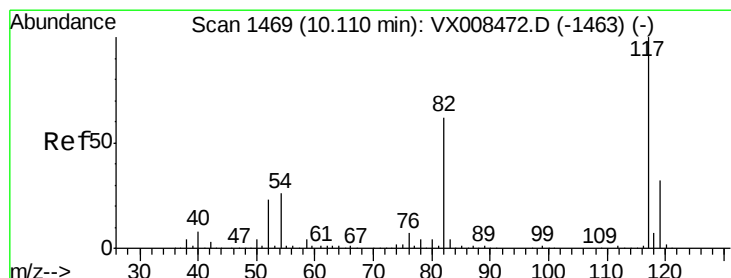
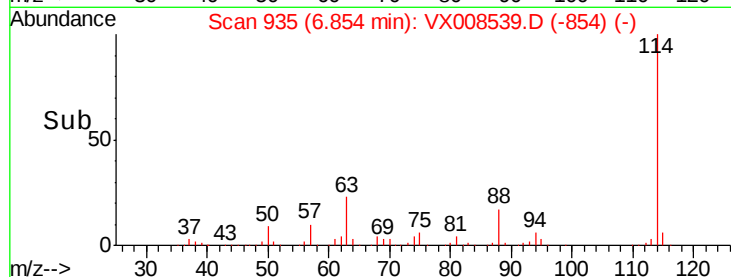
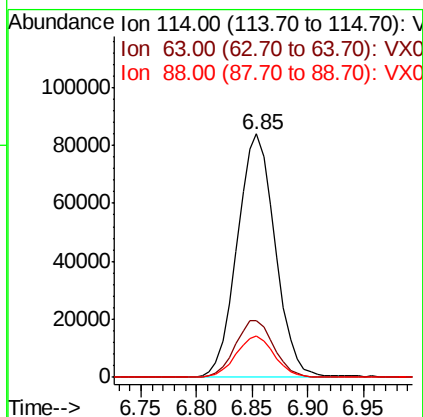
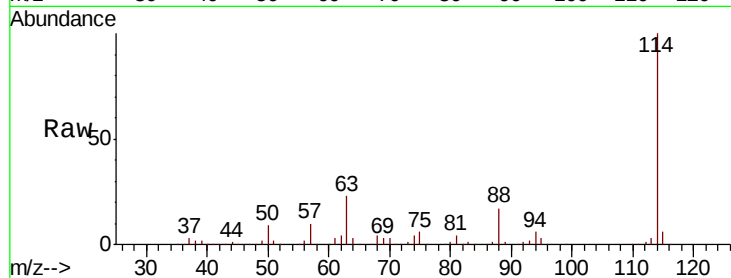




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008539.D
 Acq: 29 Mar 2019 13:20

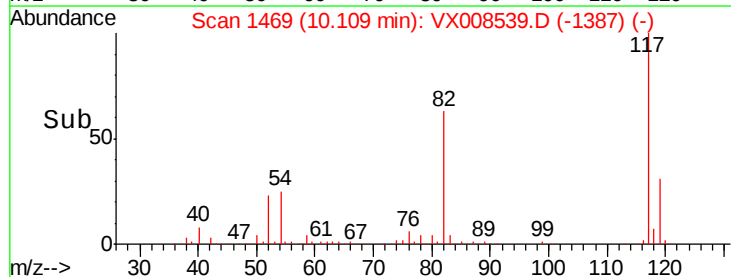
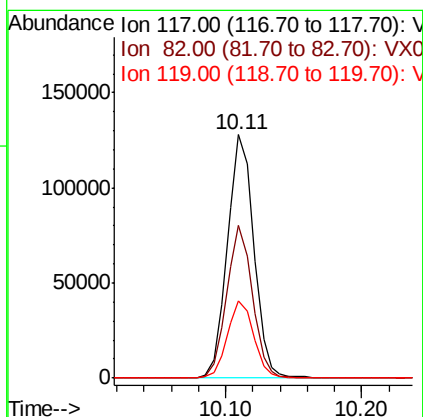
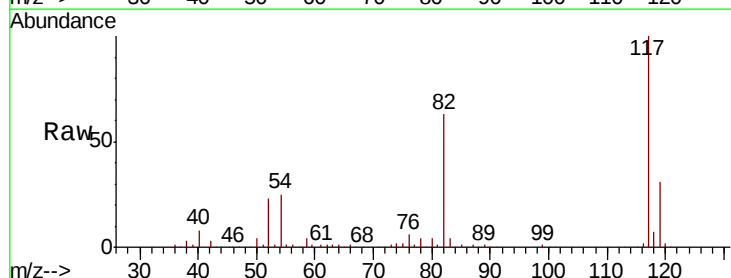
Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

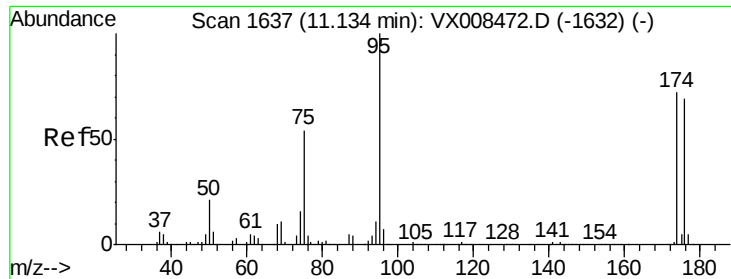
Tot Ion:114 Resp: 198997
 Ion Ratio Lower Upper
 114 100
 63 23.9 14.2 21.4#
 88 17.1 11.9 17.9



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX008539.D
 Acq: 29 Mar 2019 13:20

Tgt Ion:117 Resp: 173075
 Ion Ratio Lower Upper
 117 100
 82 61.1 40.4 60.6#
 119 31.9 25.8 38.6

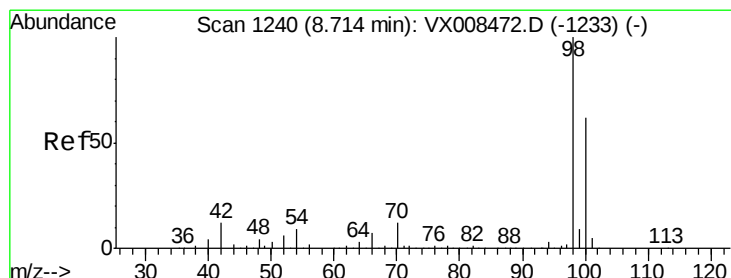
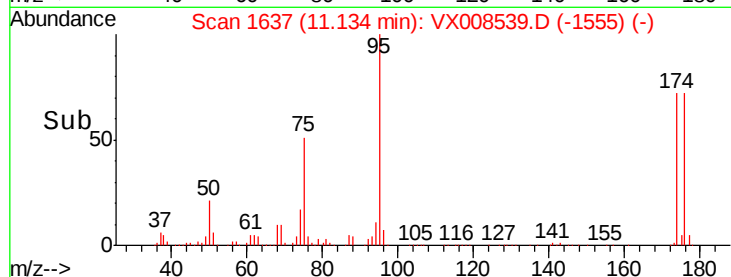
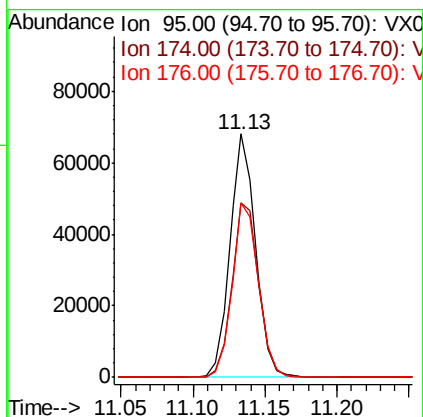
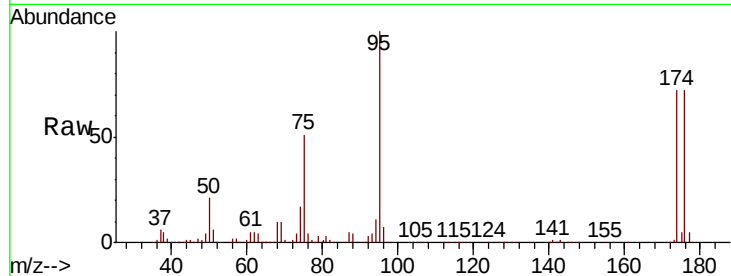




#60
4-Bromofluorobenzene
Concen: 28.283 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008539.D
Acq: 29 Mar 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

Tot Ion: 95 Resp: 85289
Ion Ratio Lower Upper
95 100
174 74.2 74.9 112.3#
176 73.0 70.7 106.1



#63
Toluene-d8
Concen: 30.291 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008539.D
Acq: 29 Mar 2019 13:20

Tgt Ion: 98 Resp: 248852
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

