

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008104.D
 Acq On : 15 Mar 2019 13:36
 Operator : JC/SP
 Sample : K1915-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: Mar 15 14:37:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	42132	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	223944	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	192980	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	79131	28.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.23%
60) 4-Bromofluorobenzene	11.13	95	83997	27.27	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.90%
63) Toluene-d8	8.71	98	257780	29.19	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.30%

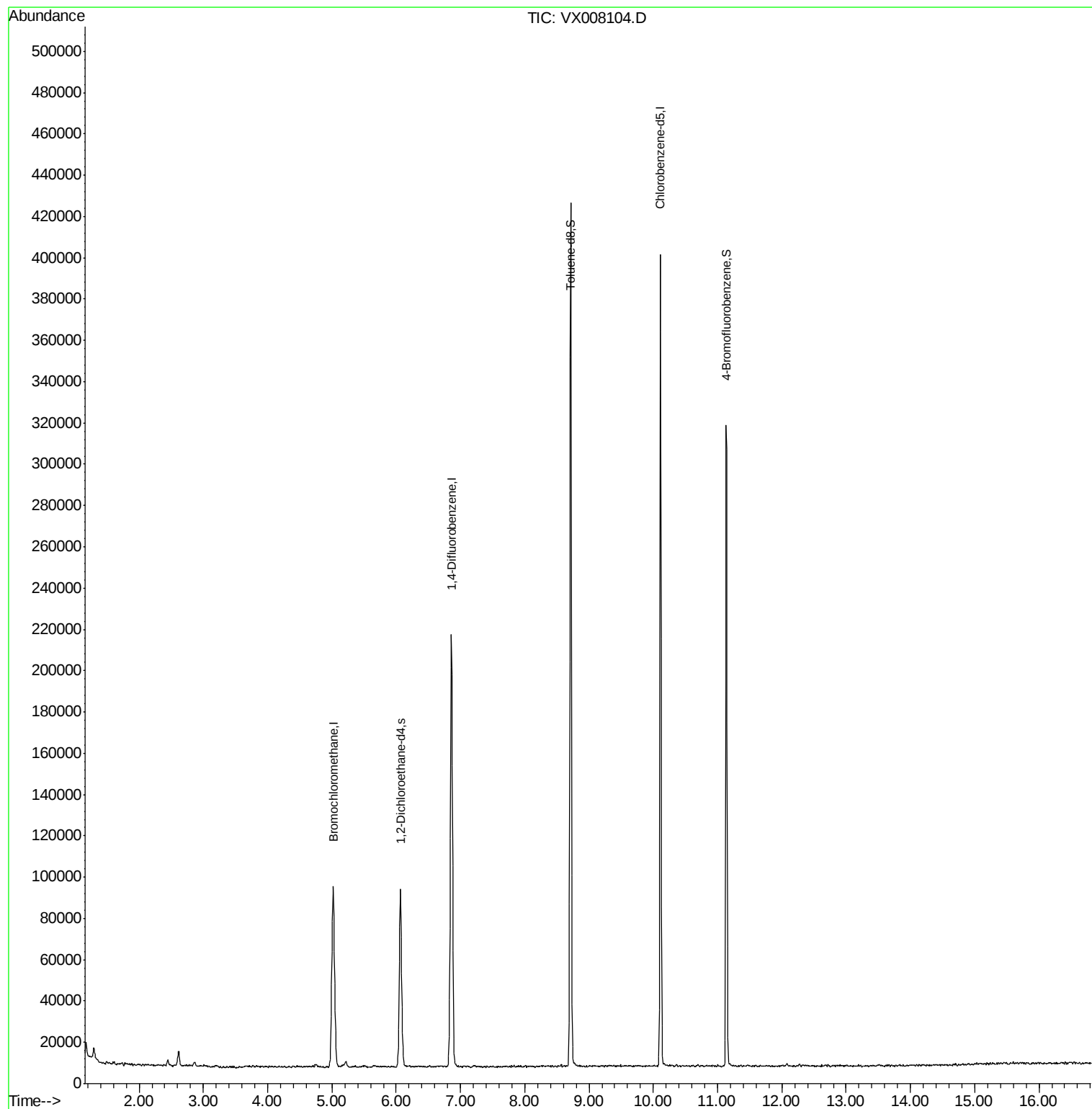
Target Compounds	Ovalue

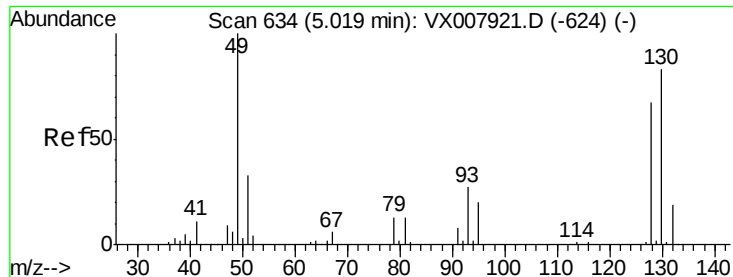
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX008104.D

Acq: 15 Mar 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

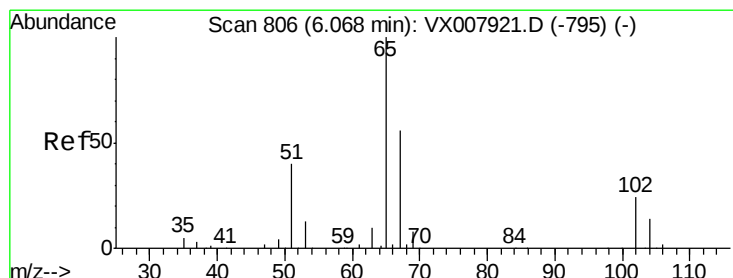
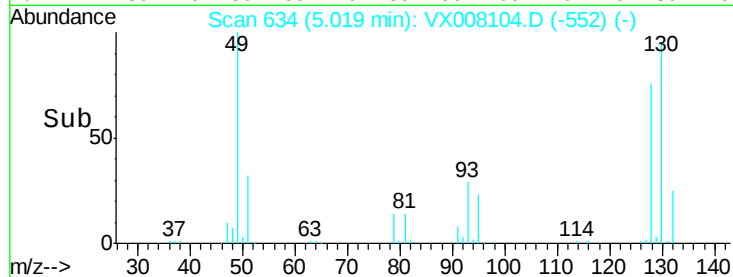
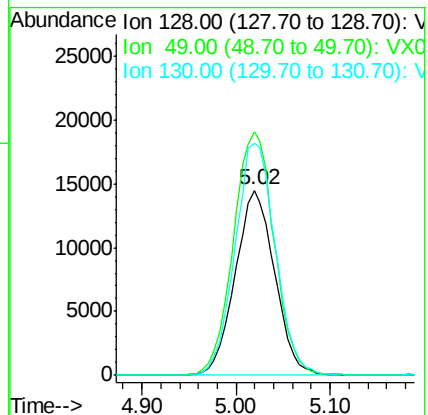
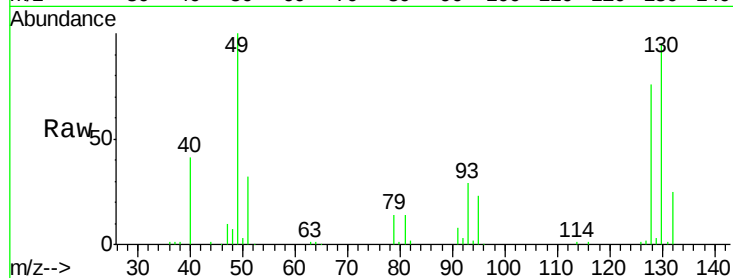
Tot Ion:128 Resp: 42132

Ion Ratio Lower Upper

128 100

49 136.5 0.0 350.8

130 129.0 0.0 325.8



#27

1,2-Dichloroethane-d4

Concen: 28.574 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008104.D

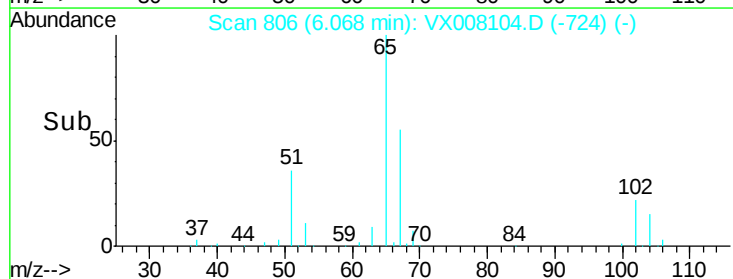
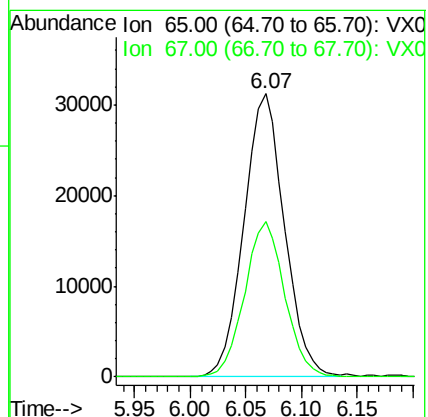
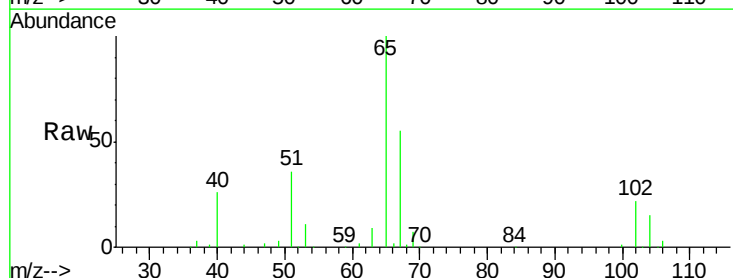
Acq: 15 Mar 2019 13:36

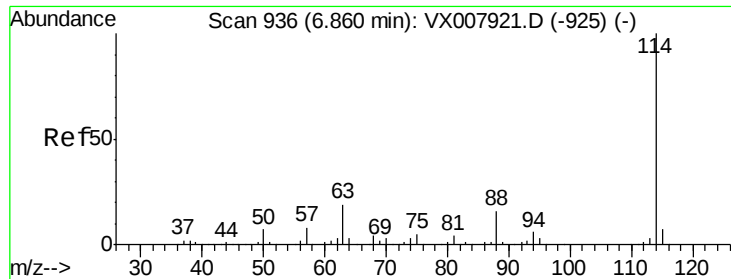
Tgt Ion: 65 Resp: 79131

Ion Ratio Lower Upper

65 100

67 54.4 42.9 64.3

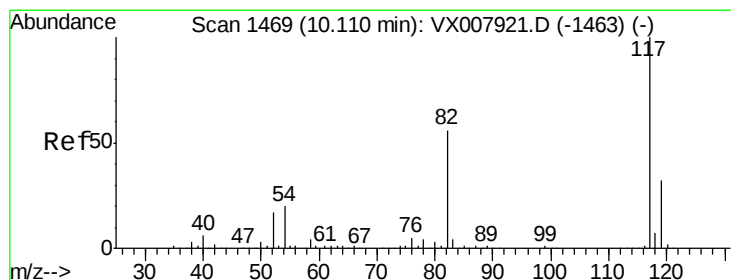
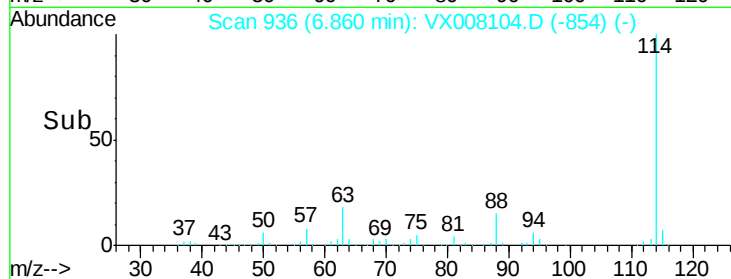
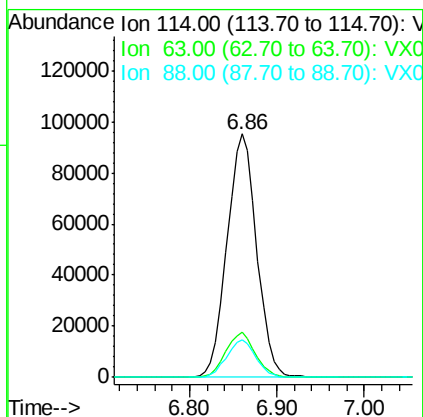
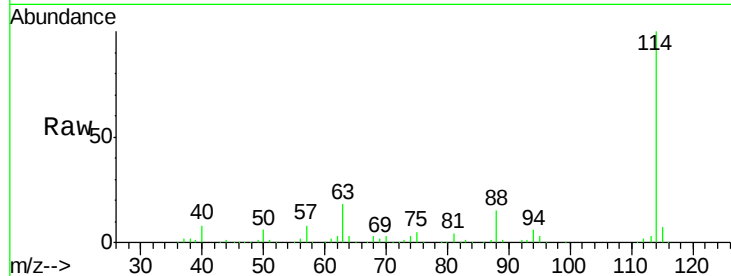




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008104.D
 Acq: 15 Mar 2019 13:36

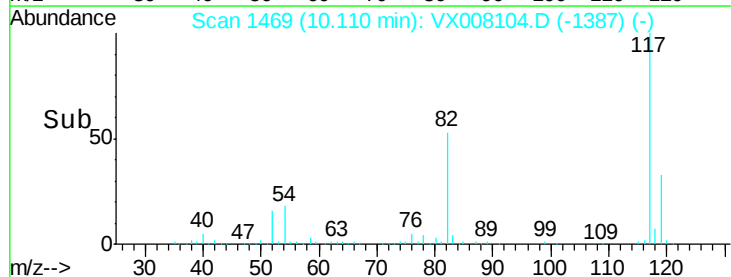
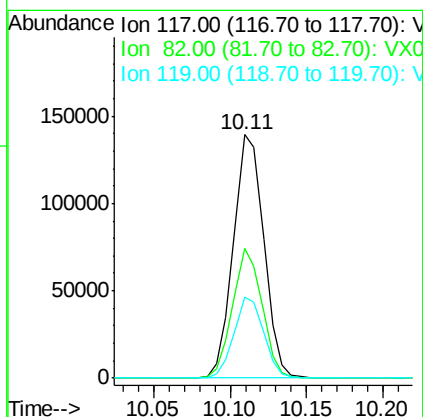
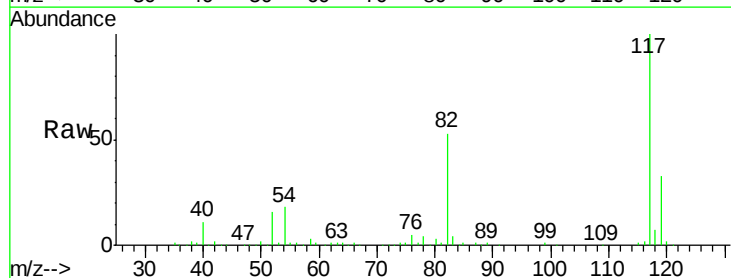
Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

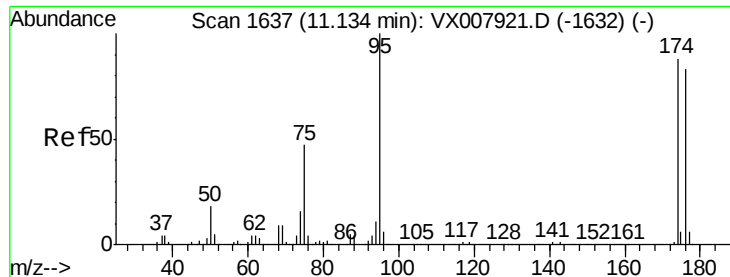
Tot Ion:114 Resp: 223944
 Ion Ratio Lower Upper
 114 100
 63 18.3 14.2 21.4
 88 15.2 11.9 17.9



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX008104.D
 Acq: 15 Mar 2019 13:36

Tgt Ion:117 Resp: 192980
 Ion Ratio Lower Upper
 117 100
 82 51.7 40.4 60.6
 119 32.5 25.8 38.6

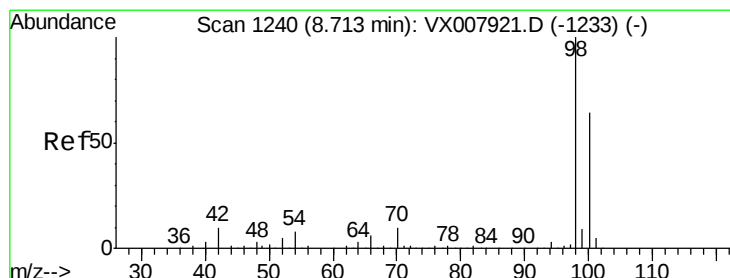
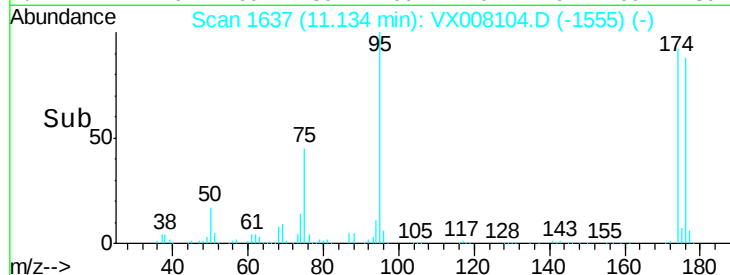
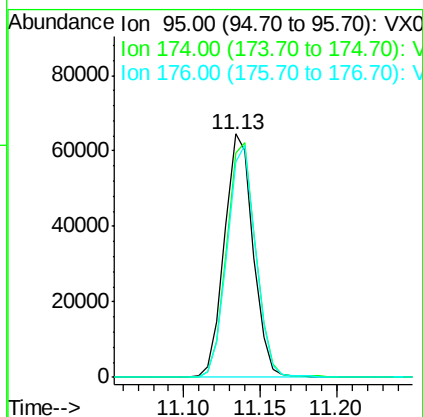
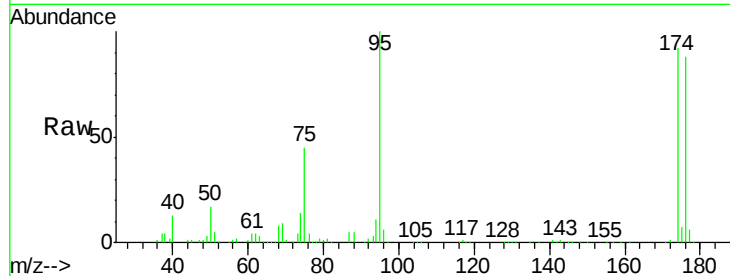




#60
4-Bromofluorobenzene
Concen: 27.270 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008104.D
Acq: 15 Mar 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

Tot Ion: 95 Resp: 83997
Ion Ratio Lower Upper
95 100
174 97.2 74.9 112.3
176 94.5 70.7 106.1



#63
Toluene-d8
Concen: 29.189 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008104.D
Acq: 15 Mar 2019 13:36

Tgt Ion: 98 Resp: 257780
Ion Ratio Lower Upper
98 100
100 65.0 50.9 76.3

