

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009266.D
 Acq On : 02 May 2019 10:31
 Operator : JC/SP
 Sample : VX0502WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBL01

Quant Time: May 03 07:16:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	30677	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	177935	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	152518	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	75458	29.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.83%
60) 4-Bromofluorobenzene	11.13	95	71964	27.77	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.57%
63) Toluene-d8	8.71	98	219492	30.35	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.17%

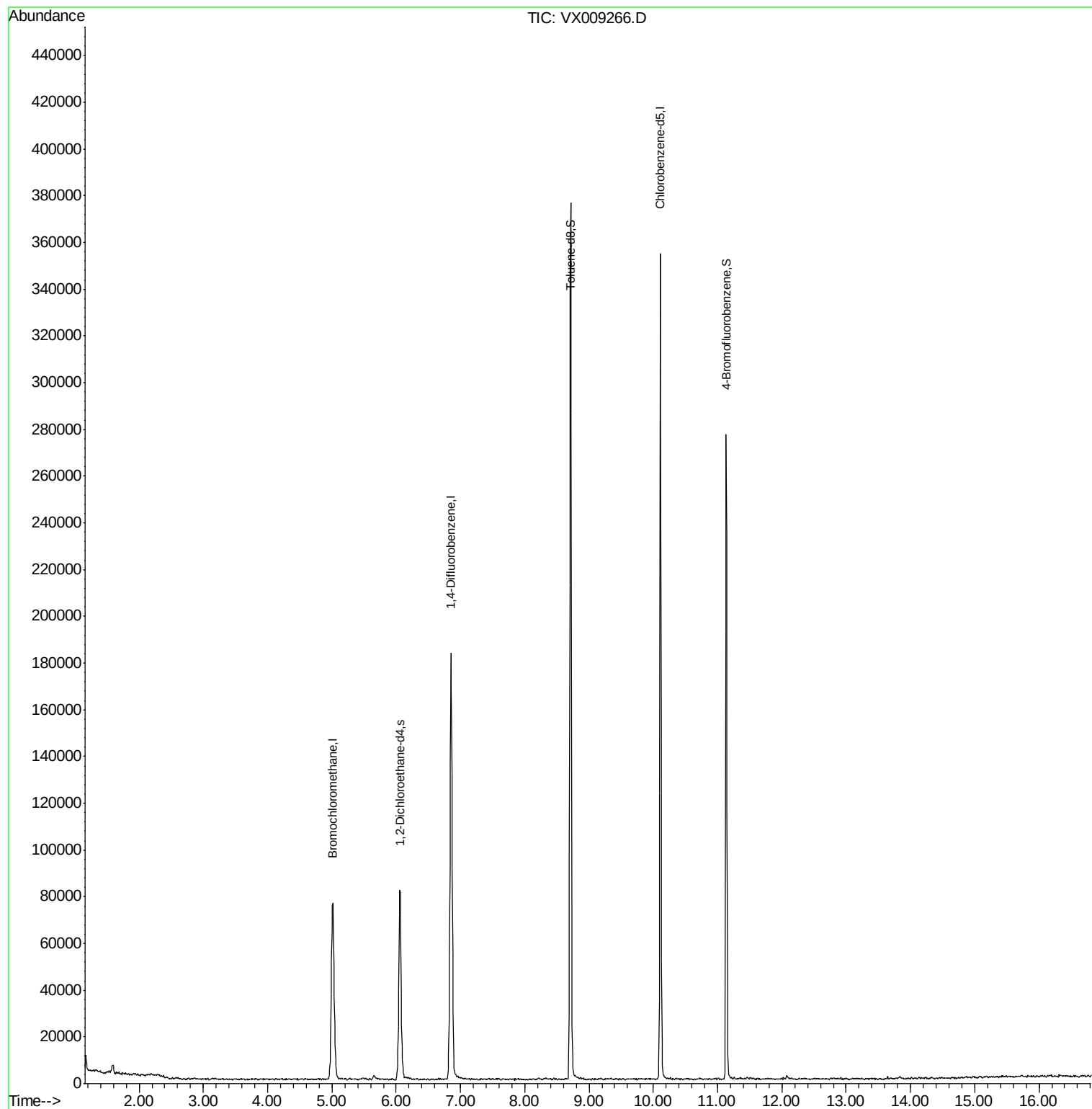
Target Compounds	Ovalue

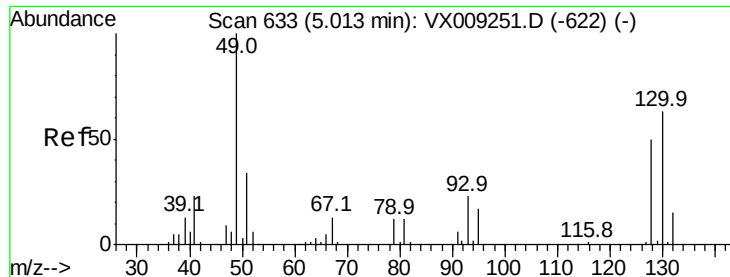
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: VX009266.D

Acq: 02 May 2019 10:31

Instrument :
MSVOA_X
ClientSampled :
VX0502WBL01

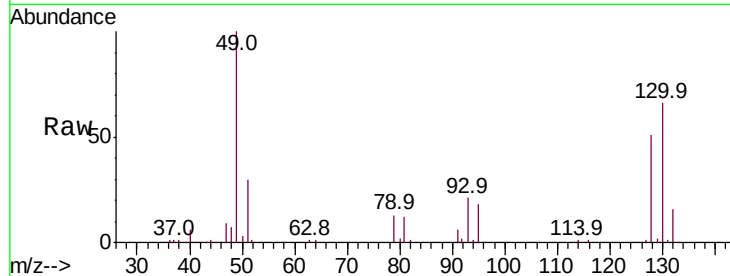
Tot Ion:128 Resp: 30677

Ion Ratio Lower Upper

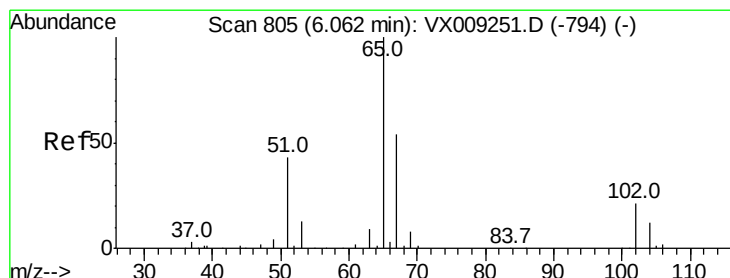
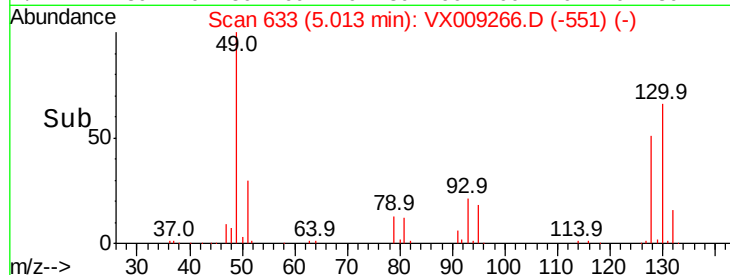
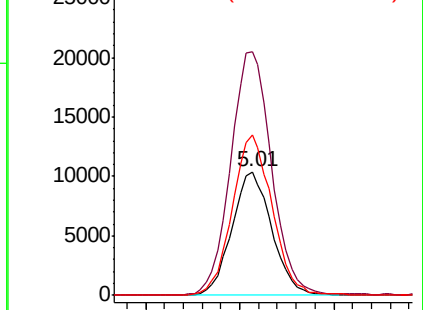
128 100

49 202.9 0.0 515.0

130 129.6 0.0 323.3



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: 29.652 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009266.D

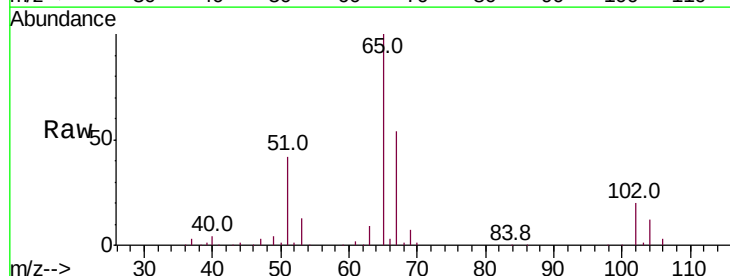
Acq: 02 May 2019 10:31

Tgt Ion: 65 Resp: 75458

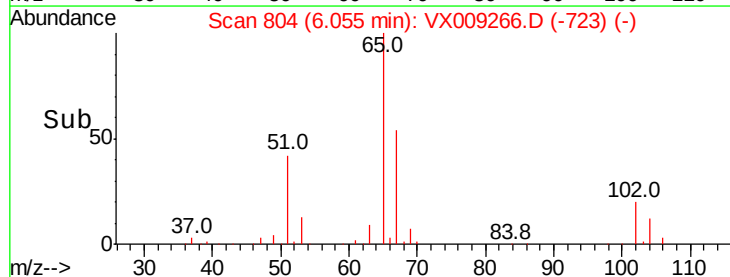
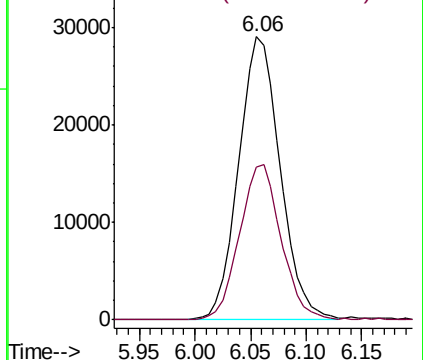
Ion Ratio Lower Upper

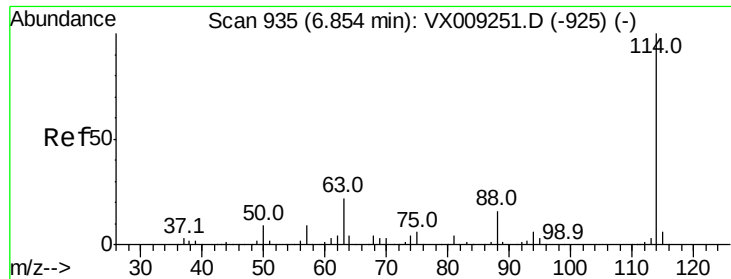
65 100

67 54.9 43.1 64.7



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. 0.00 min

Lab File: VX009266.D

Acq: 02 May 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBL01

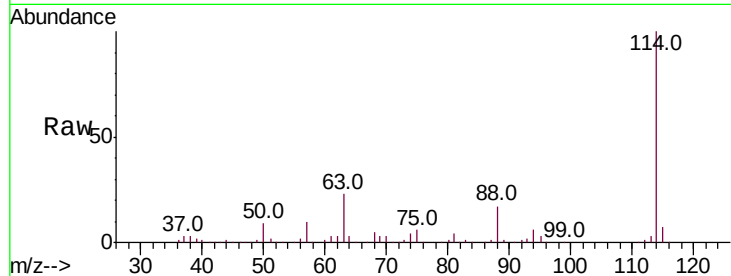
Tot Ion:114 Resp: 177935

Ion Ratio Lower Upper

114 100

63 23.0 18.0 27.0

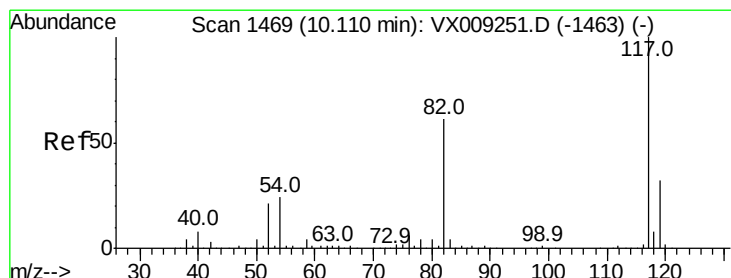
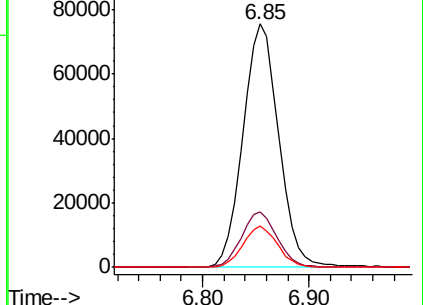
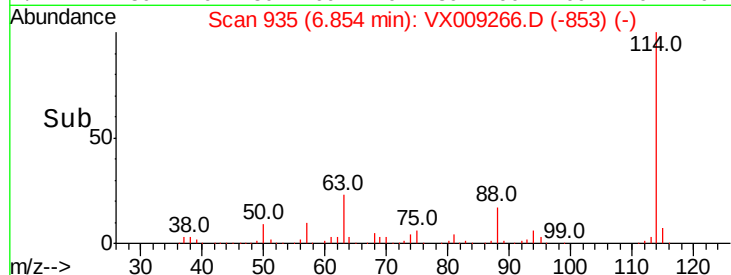
88 16.5 13.4 20.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009266.D

Acq: 02 May 2019 10:31

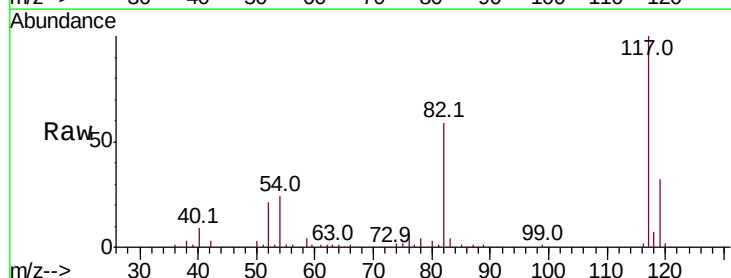
Tgt Ion:117 Resp: 152518

Ion Ratio Lower Upper

117 100

82 58.7 47.8 71.8

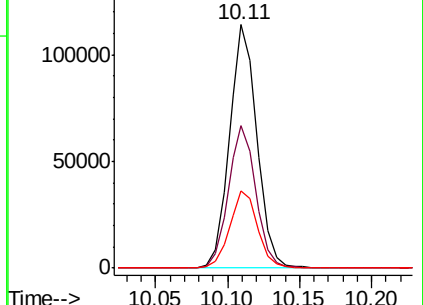
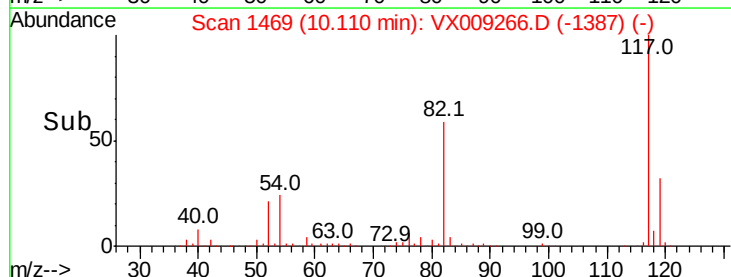
119 32.2 25.6 38.4

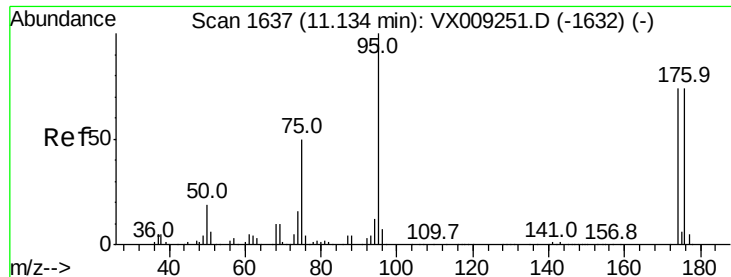


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

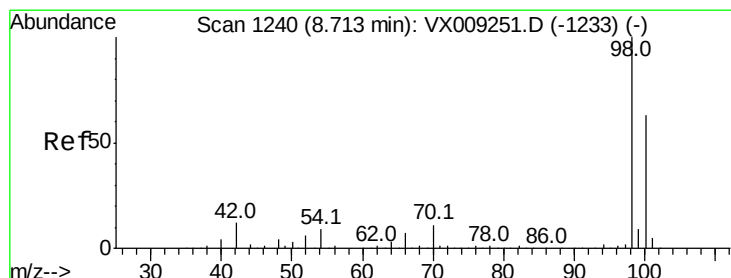
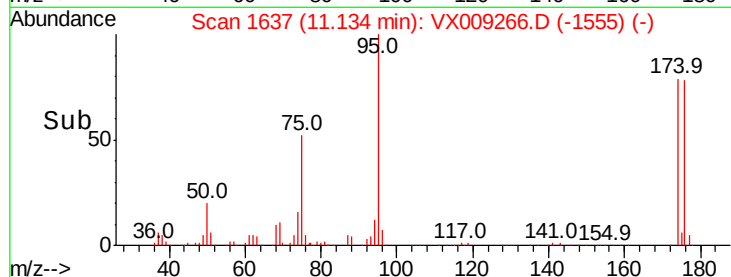
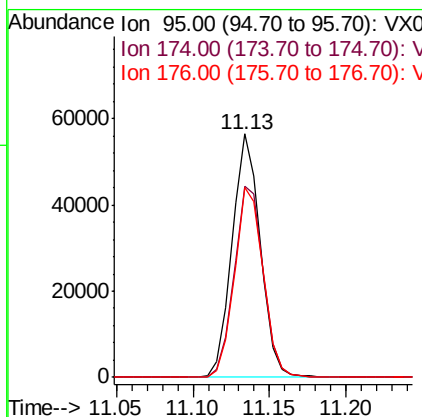
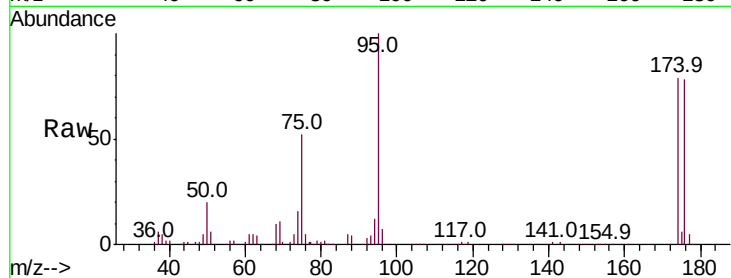




#60
 4-Bromofluorobenzene
 Concen: 27.768 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009266.D
 Acq: 02 May 2019 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBL01

Tot Ion: 95 Resp: 71964
 Ion Ratio Lower Upper
 95 100
 174 81.4 63.6 95.4
 176 79.3 62.4 93.6



#63
 Toluene-d8
 Concen: 30.354 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009266.D
 Acq: 02 May 2019 10:31

Tgt Ion: 98 Resp: 219492
 Ion Ratio Lower Upper
 98 100
 100 64.1 52.3 78.5

