

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032219\
 Data File : VX008341.D
 Acq On : 22 Mar 2019 16:13
 Operator : JC/SP
 Sample : K2039-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 55-ST-5

Quant Time: Mar 23 09:37:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 22 15:33:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	29932	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	154226	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	134239	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	62146	30.38	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.27%
60) 4-Bromofluorobenzene	11.13	95	59619	27.28	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.93%
63) Toluene-d8	8.71	98	177808	29.40	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.00%

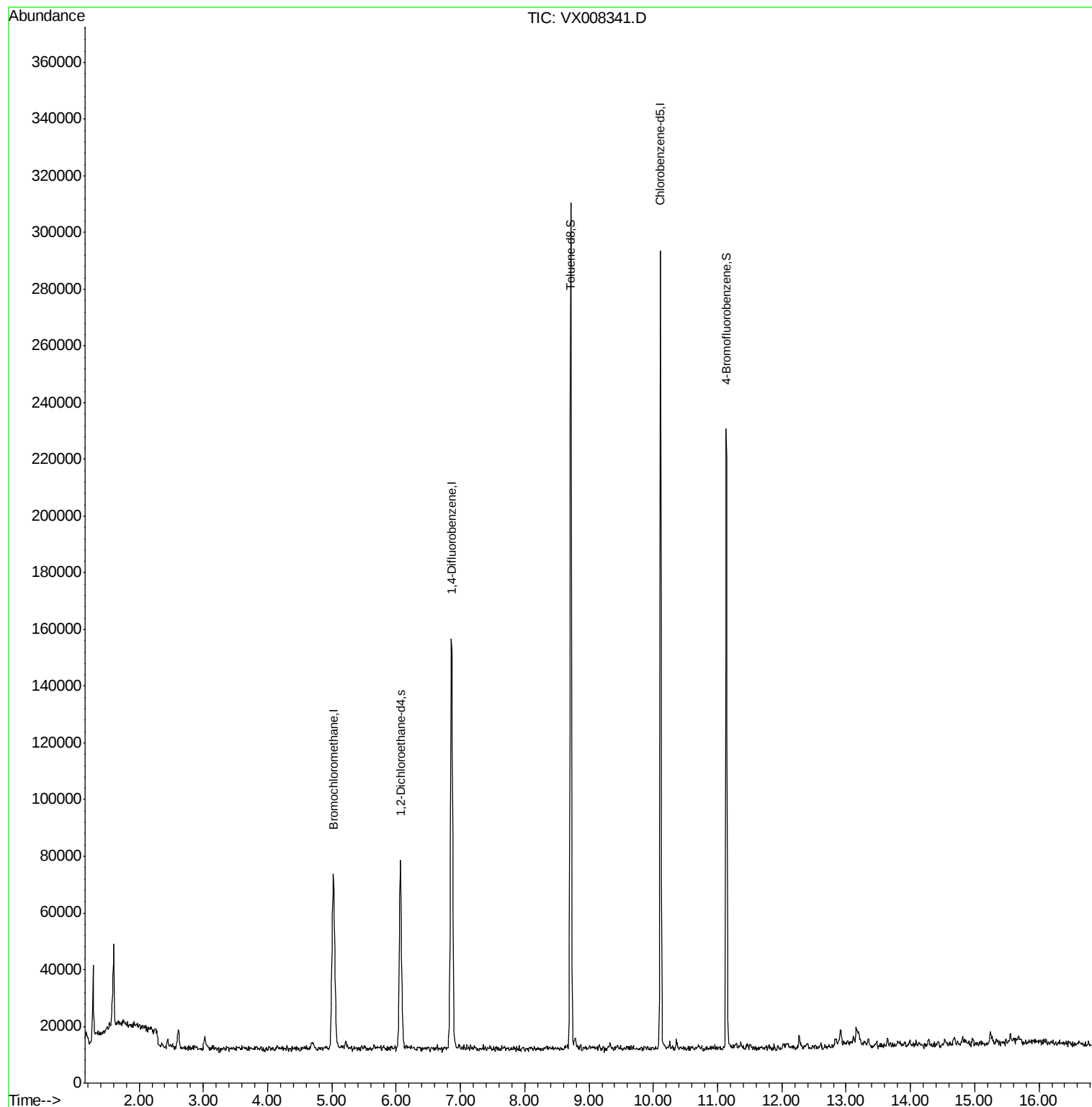
Target Compounds	Ovalue

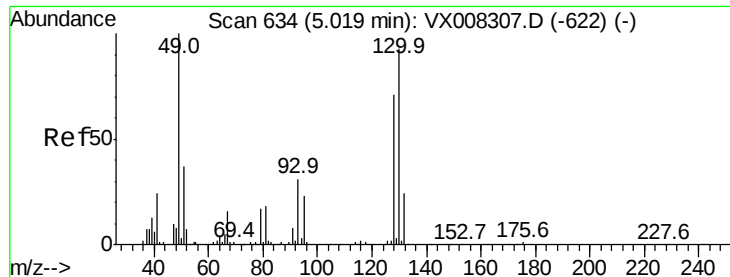
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032219\
Data File : VX008341.D
Acq On : 22 Mar 2019 16:13
Operator : JC/SP
Sample : K2039-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
55-ST-5

Quant Time: Mar 23 09:37:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X032219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 22 15:33:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX008341.D

Acq: 22 Mar 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

55-ST-5

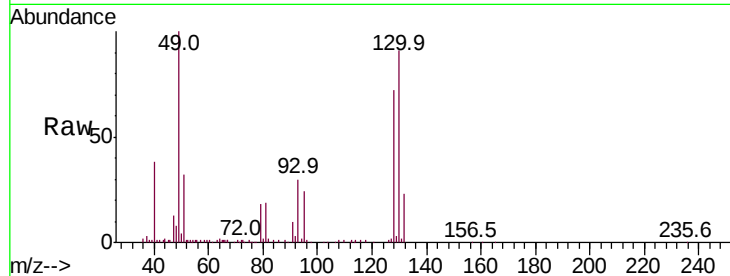
Tot Ion:128 Resp: 29932

Ion Ratio Lower Upper

128 100

49 136.3 0.0 350.8

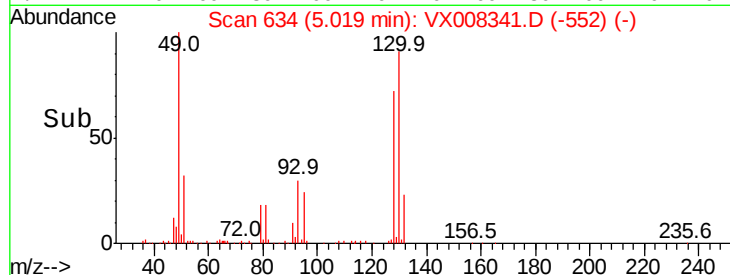
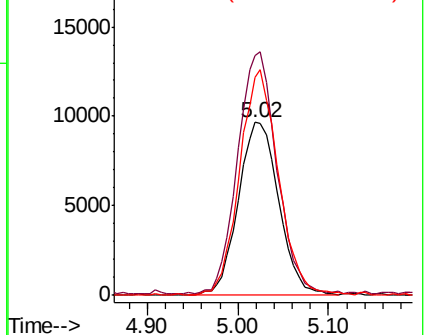
130 125.0 0.0 325.8



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: 30.384 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008341.D

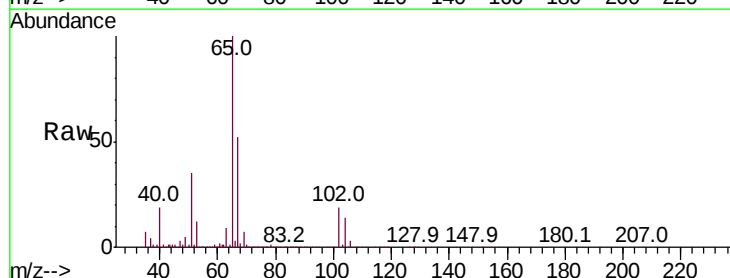
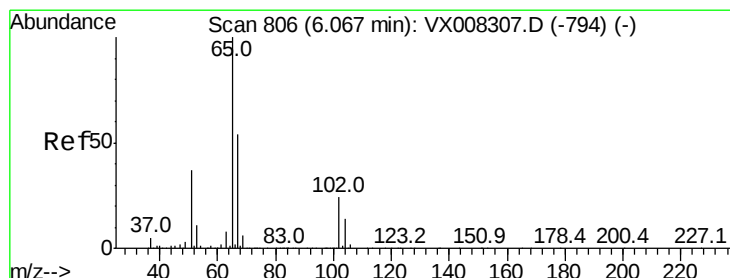
Acq: 22 Mar 2019 16:13

Tgt Ion: 65 Resp: 62146

Ion Ratio Lower Upper

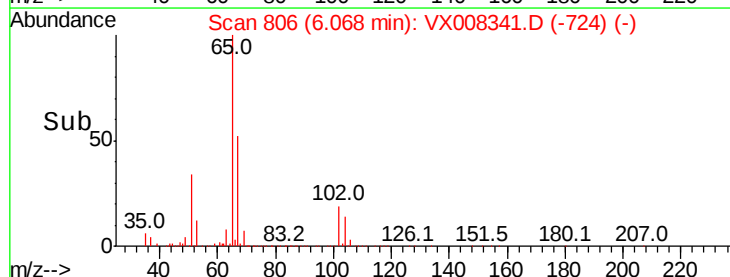
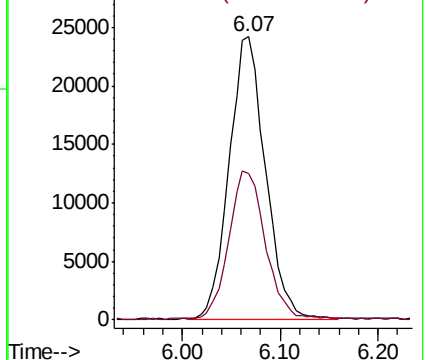
65 100

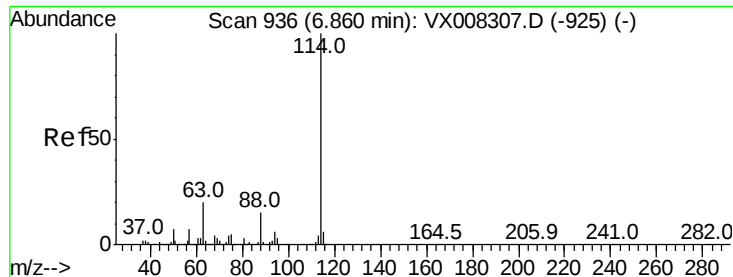
67 52.2 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

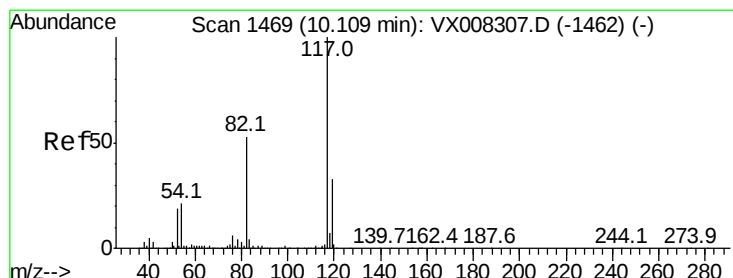
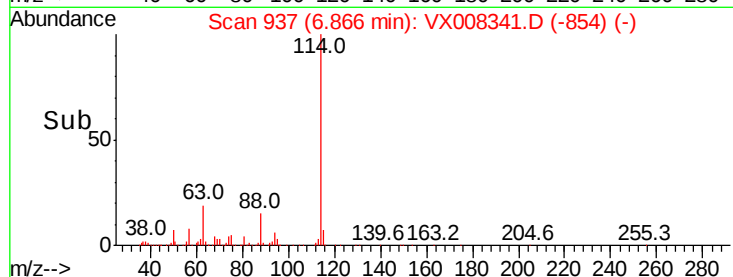
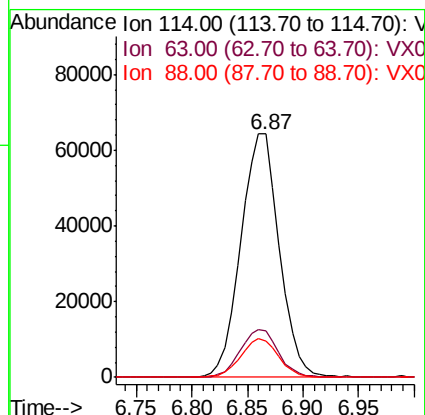
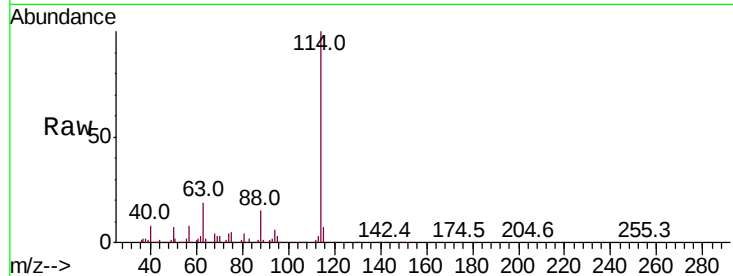




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX008341.D
Acq: 22 Mar 2019 16:13

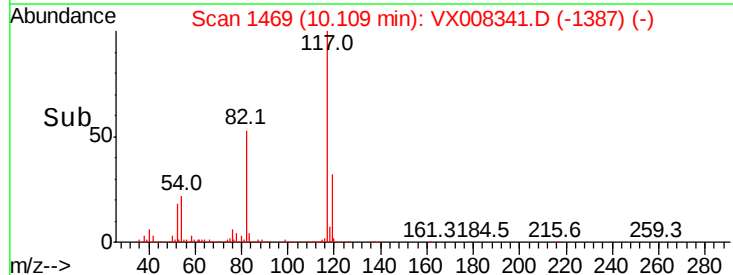
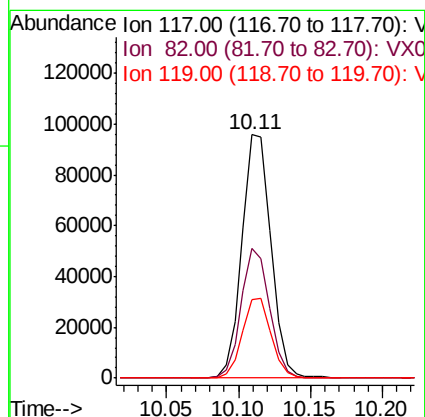
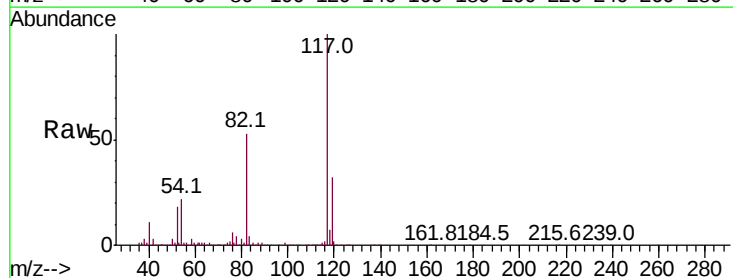
Instrument :
MSVOA_X
ClientSampleId :
55-ST-5

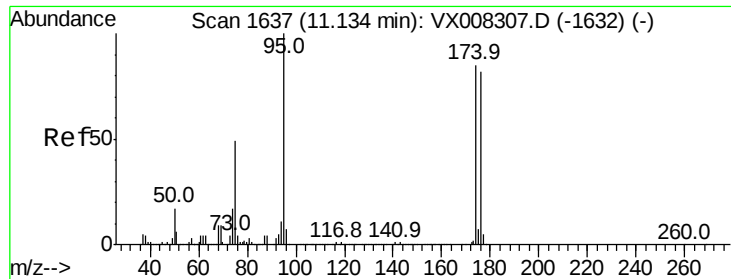
Tot Ion:114 Resp: 154226
Ion Ratio Lower Upper
114 100
63 19.6 14.2 21.4
88 15.5 11.9 17.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008341.D
Acq: 22 Mar 2019 16:13

Tgt Ion:117 Resp: 134239
Ion Ratio Lower Upper
117 100
82 52.0 40.4 60.6
119 32.7 25.8 38.6

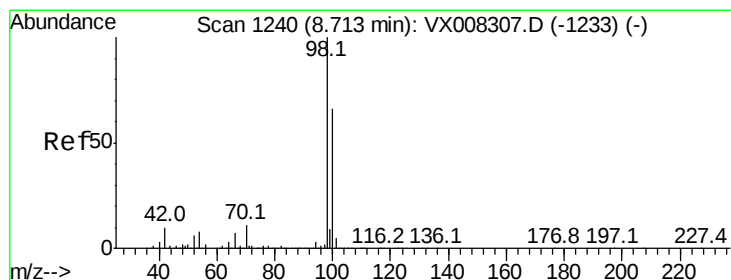
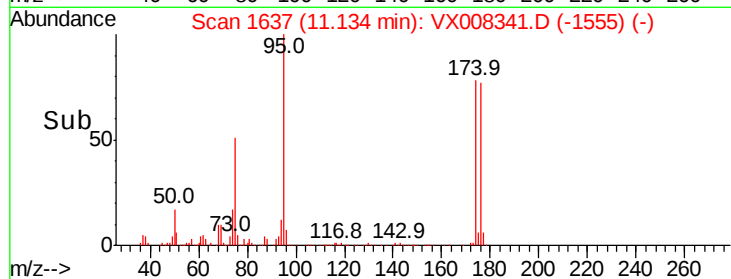
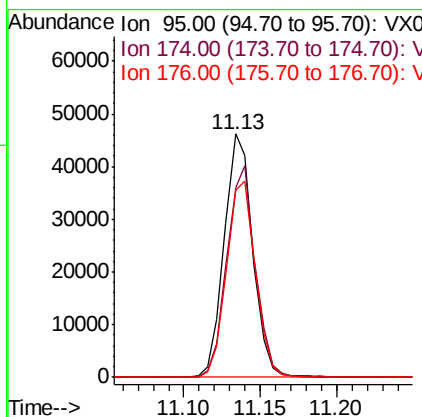
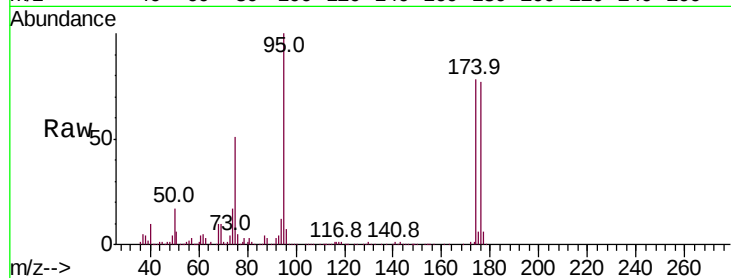




#60
4-Bromofluorobenzene
Concen: 27.285 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008341.D
Acq: 22 Mar 2019 16:13

Instrument :
MSVOA_X
ClientSampleId :
55-ST-5

Tot Ion: 95 Resp: 59619
Ion Ratio Lower Upper
95 100
174 86.5 74.9 112.3
176 81.4 70.7 106.1



#63
Toluene-d8
Concen: 29.399 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008341.D
Acq: 22 Mar 2019 16:13

Tgt Ion: 98 Resp: 177808
Ion Ratio Lower Upper
98 100
100 67.3 50.9 76.3

