

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
 Data File : VX017613.D
 Acq On : 27 Jul 2020 13:12
 Operator : JC/SP
 Sample : VX0727WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBL01

Quant Time: Jul 27 16:21:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:38:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	116321	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	617313	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	549606	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	261438	29.25	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	97.50%		
60) 4-Bromofluorobenzene	11.12	95	261703	28.12	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	93.73%		
63) Toluene-d8	8.70	98	704438	28.96	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	96.53%		

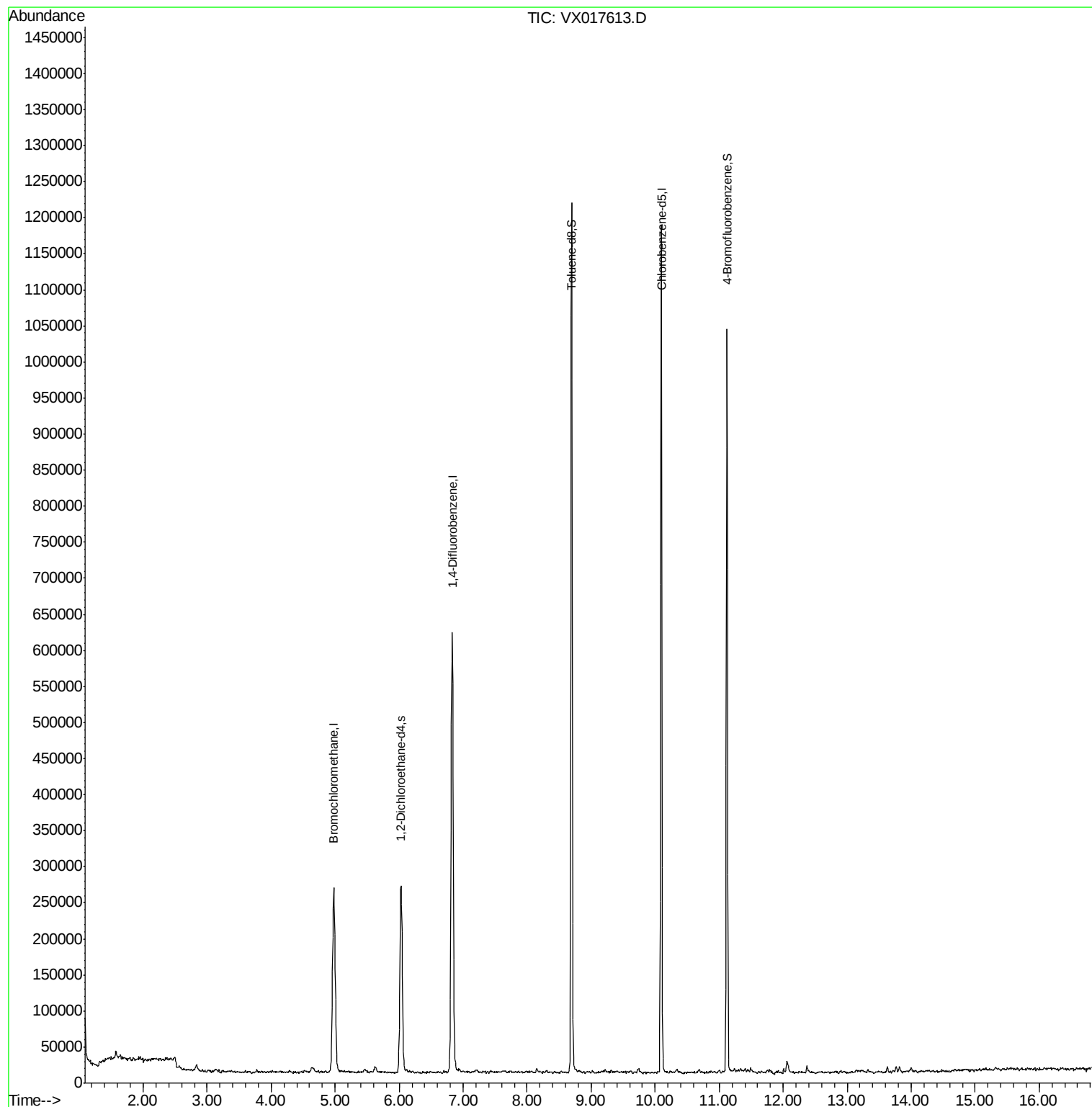
Target Compounds	Ovalue

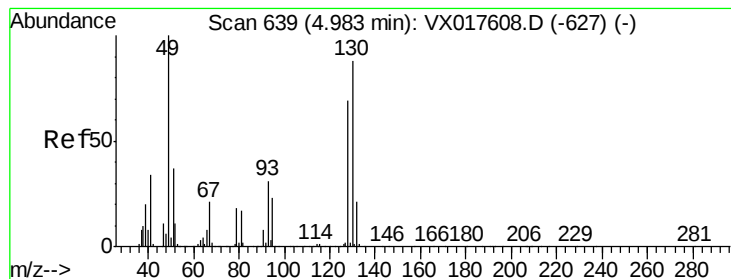
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072720\
Data File : VX017613.D
Acq On : 27 Jul 2020 13:12
Operator : JC/SP
Sample : VX0727WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBL01

Quant Time: Jul 27 16:21:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 27 11:38:31 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX017613.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBL01

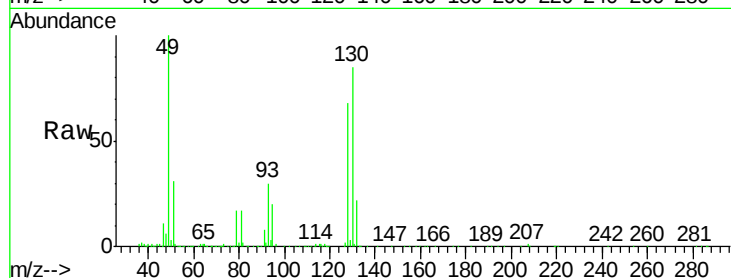
Tot Ion:128 Resp: 116321

Ion Ratio Lower Upper

128 100

49 149.0 0.0 376.0

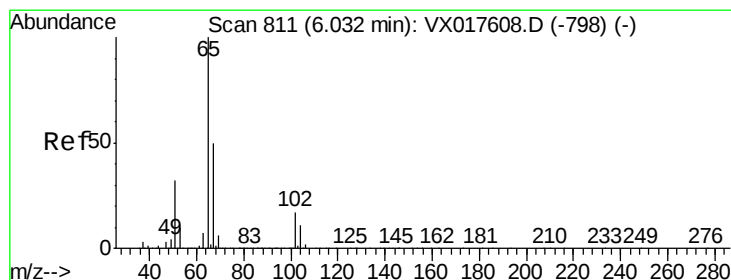
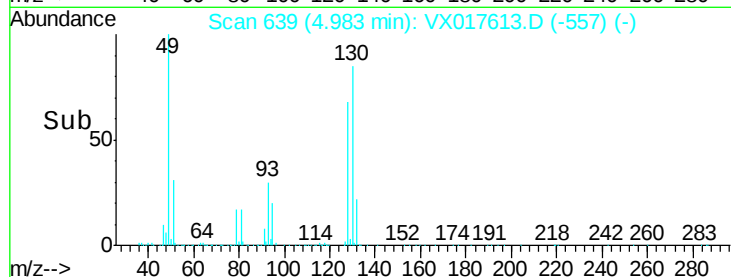
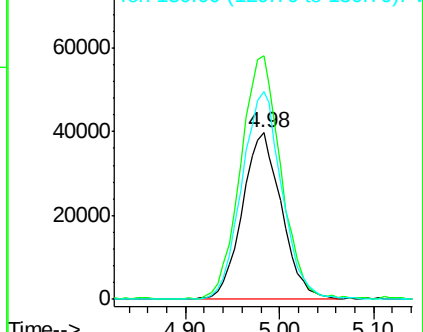
130 127.2 0.0 323.0



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: 29.248 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017613.D

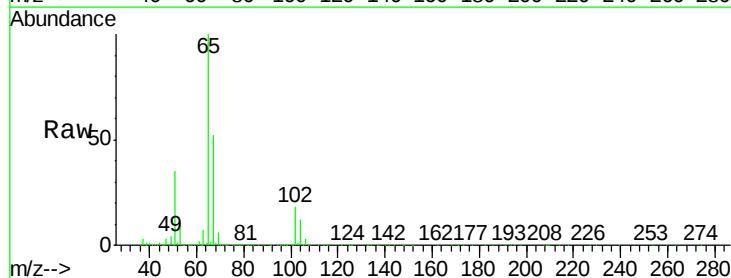
Acq: 27 Jul 2020 13:12

Tgt Ion: 65 Resp: 261438

Ion Ratio Lower Upper

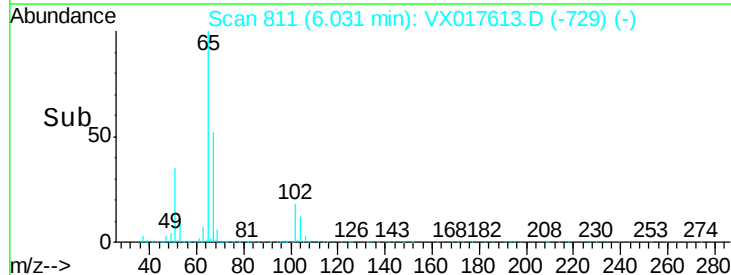
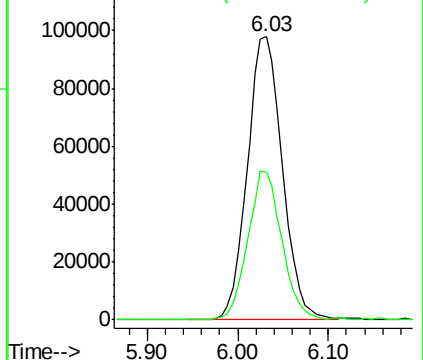
65 100

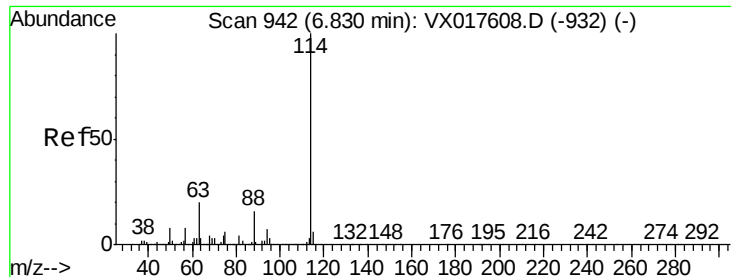
67 50.7 40.6 61.0



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017613.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBL01

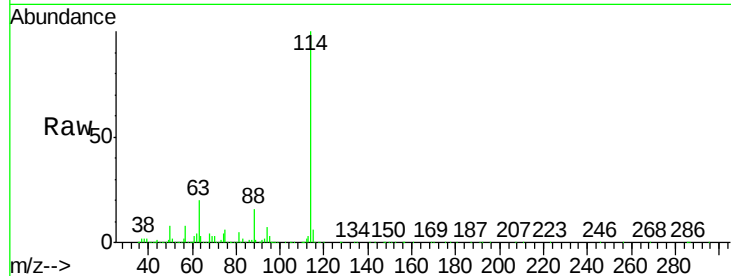
Tot Ion:114 Resp: 617313

Ion Ratio Lower Upper

114 100

63 20.6 16.3 24.5

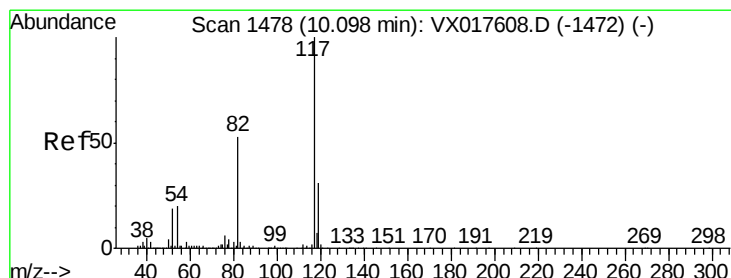
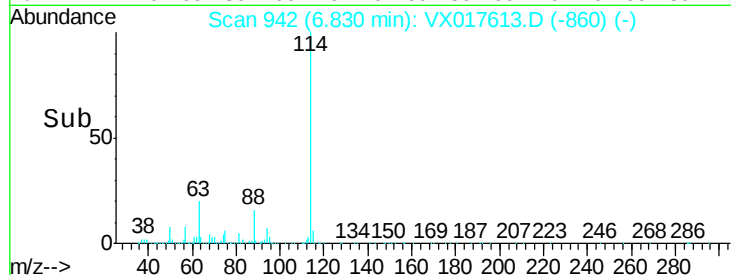
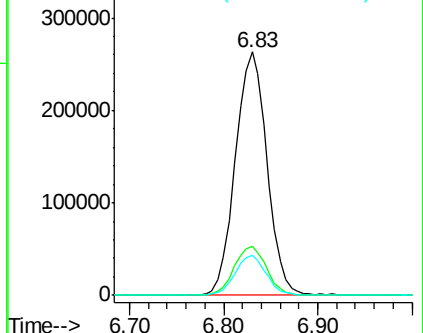
88 16.1 12.6 18.8



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: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017613.D

Acq: 27 Jul 2020 13:12

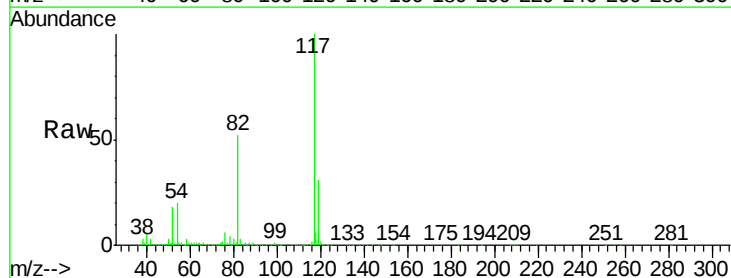
Tgt Ion:117 Resp: 549606

Ion Ratio Lower Upper

117 100

82 54.3 43.6 65.4

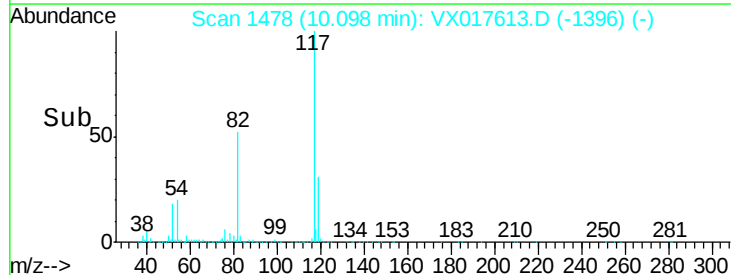
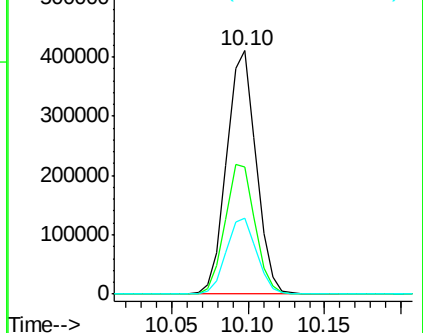
119 31.9 25.7 38.5

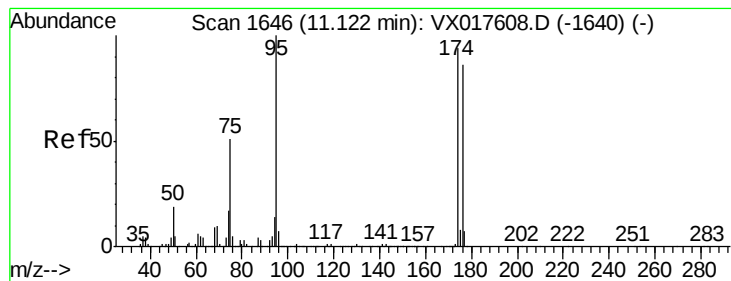


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 28.117 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017613.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBL01

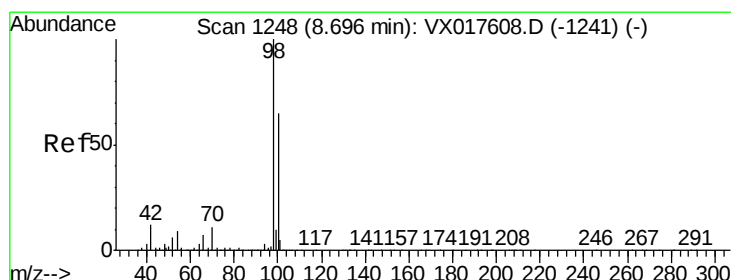
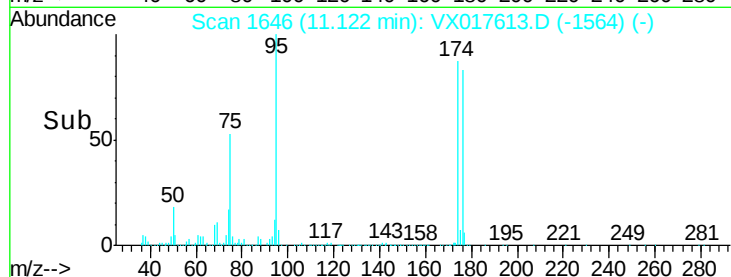
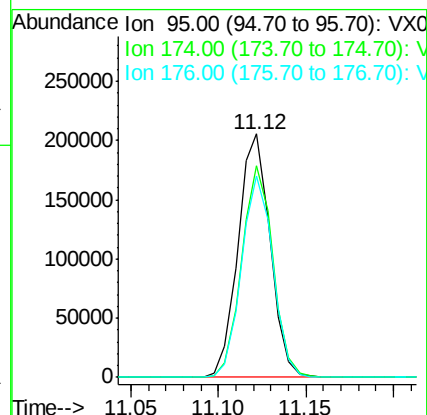
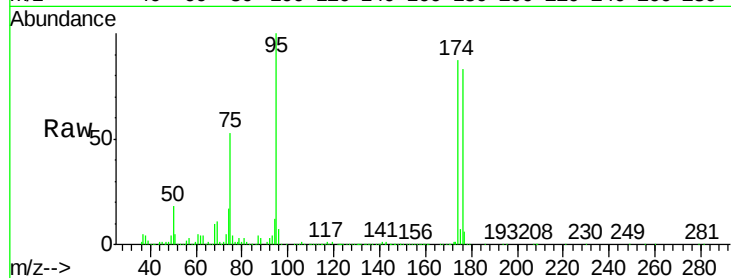
Tot Ion: 95 Resp: 261703

Ion Ratio Lower Upper

95 100

174 84.6 70.2 105.2

176 81.0 65.6 98.4



#63

Toluene-d8

Concen: 28.964 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017613.D

Acq: 27 Jul 2020 13:12

Tgt Ion: 98 Resp: 704438

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9

