

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011782.D
 Acq On : 22 Aug 2019 23:11
 Operator : JC/SP
 Sample : K4403-27
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-H3-(2.5)

Quant Time: Aug 23 03:52:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

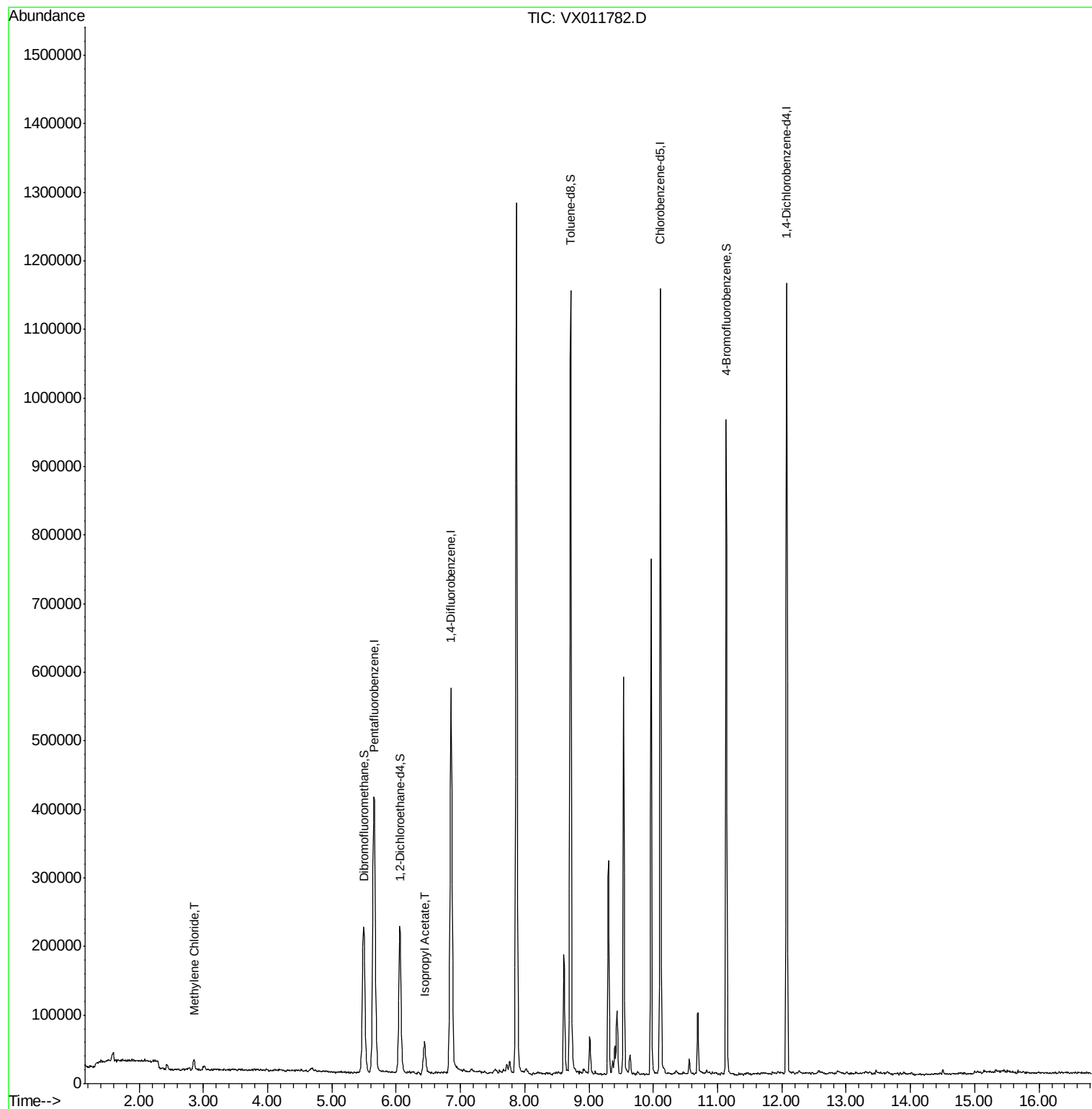
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	449556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	610279	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	552002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	268457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	204787	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
35) Dibromofluoromethane	5.49	113	183011	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
50) Toluene-d8	8.71	98	694863	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	237286	43.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.22%	
Target Compounds						
20) Methylene Chloride	2.85	84	8533	2.125	ug/l	91
43) Isopropyl Acetate	6.44	43	63167	7.706	ug/l	96

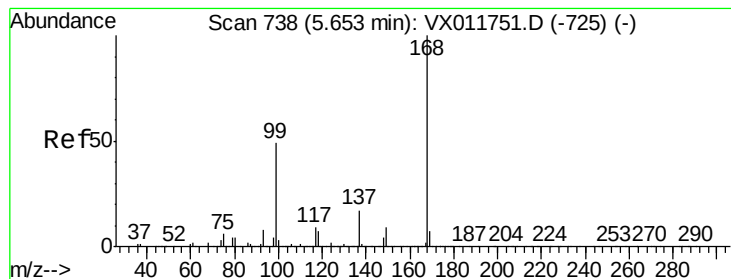
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011782.D

Acq: 22 Aug 2019 23:11

Instrument :

MSVOA_X

ClientSampleId :

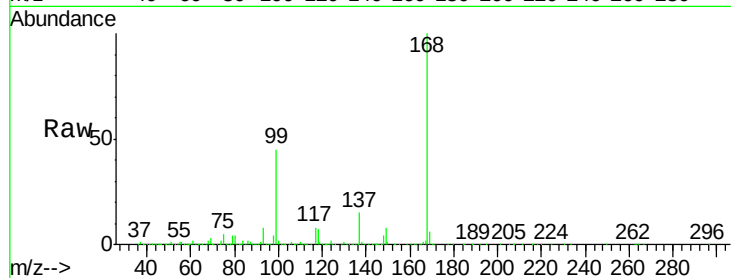
T1-H3-(2.5)

Tot Ion:168 Resp: 449556

Ion Ratio Lower Upper

168 100

99 44.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

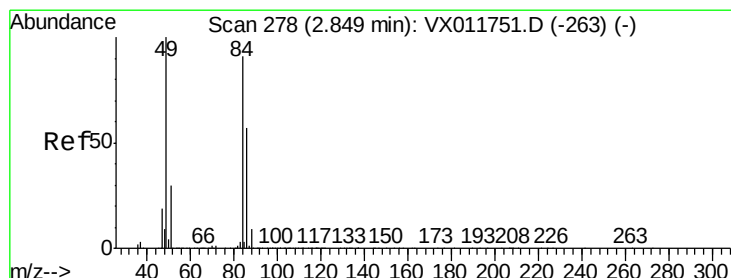
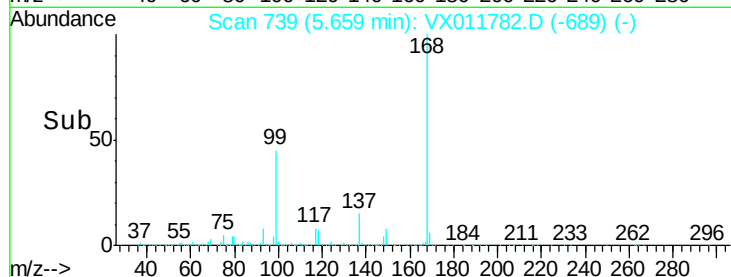
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.125 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011782.D

Acq: 22 Aug 2019 23:11

Tgt Ion: 84 Resp: 8533

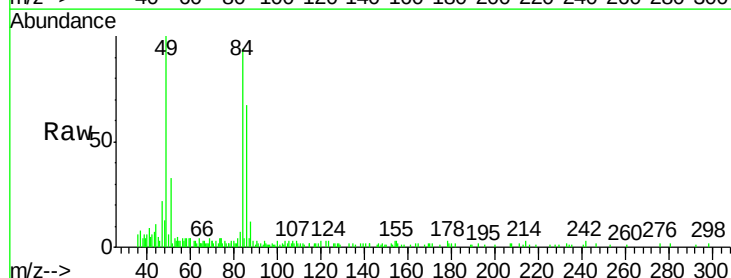
Ion Ratio Lower Upper

84 100

49 98.6 88.3 132.5

51 29.1 26.2 39.2

86 68.5 50.6 76.0



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

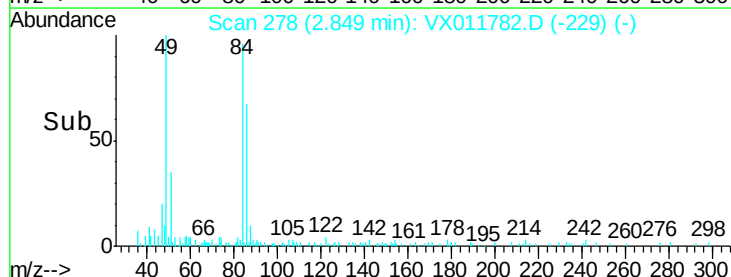
6000

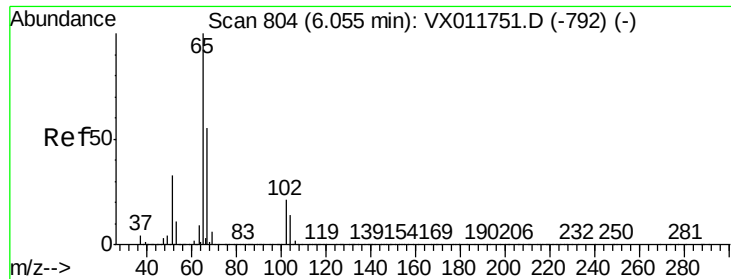
4000

2000

0

Time-->

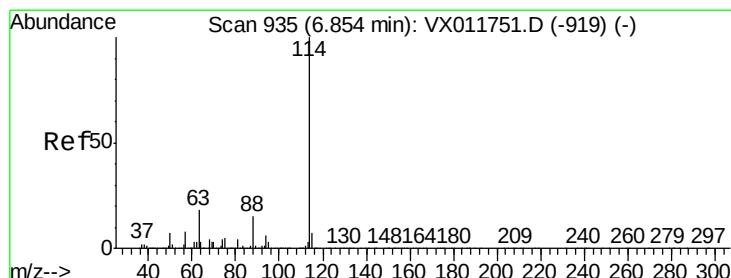
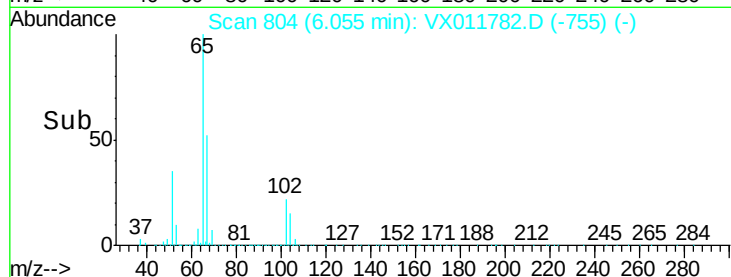
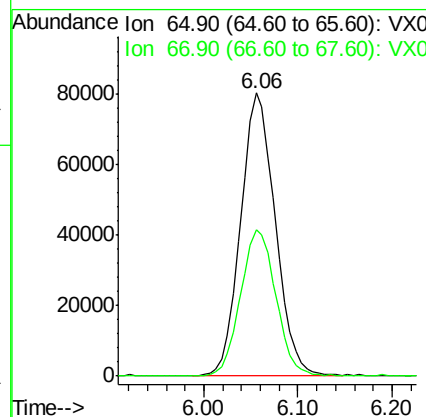
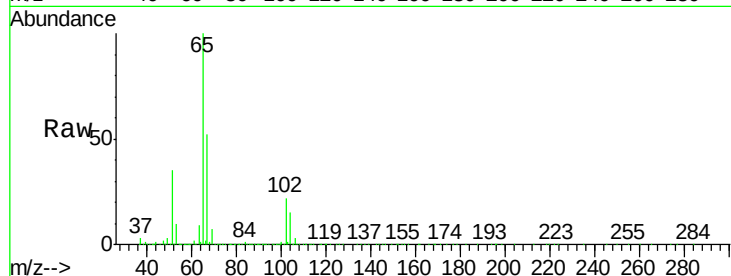




#33
 1,2-Dichloroethane-d4
 Concen: 45.346 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011782.D
 Acq: 22 Aug 2019 23:11

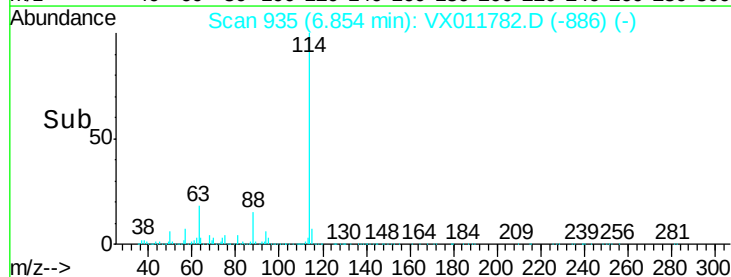
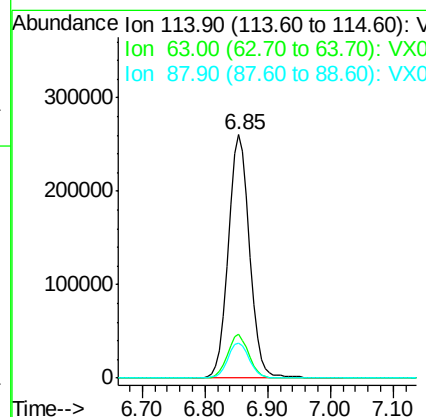
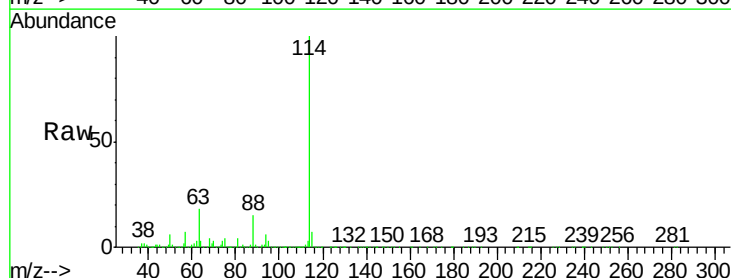
Instrument :
 MSVOA_X
 ClientSampleId :
 T1-H3-(2.5)

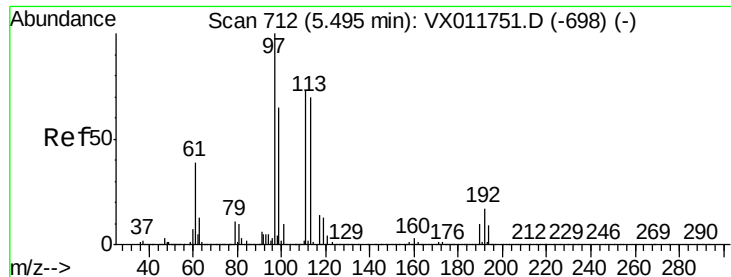
Tot Ion: 65 Resp: 204787
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011782.D
 Acq: 22 Aug 2019 23:11

Tgt Ion: 114 Resp: 610279
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.8
 88 14.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 46.375 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011782.D

Acq: 22 Aug 2019 23:11

Instrument :

MSVOA_X

ClientSampleId :

T1-H3-(2.5)

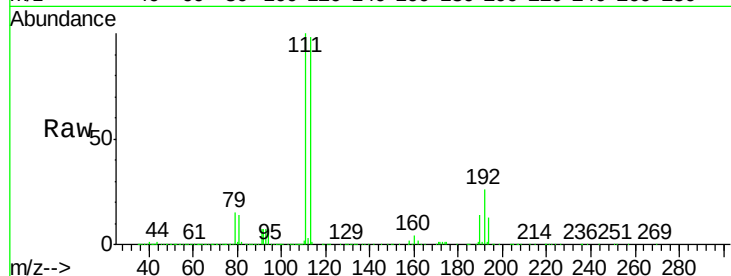
Tot Ion:113 Resp: 183011

Ion Ratio Lower Upper

113 100

111 102.6 81.0 121.4

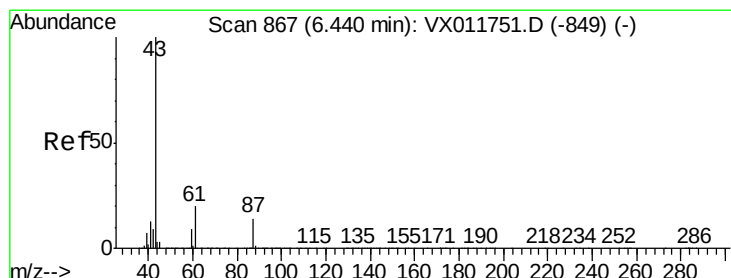
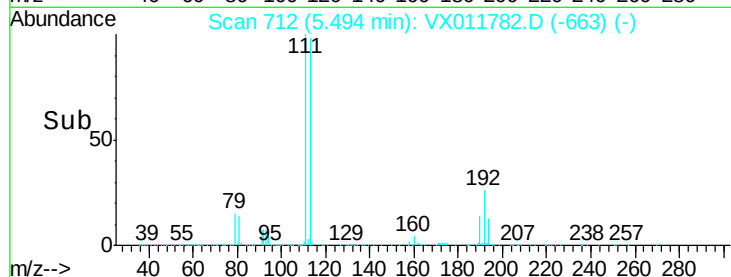
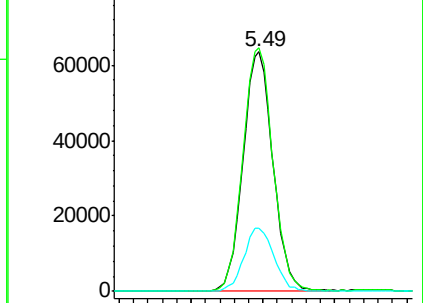
192 26.7 19.9 29.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43

Isopropyl Acetate

Concen: 7.706 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011782.D

Acq: 22 Aug 2019 23:11

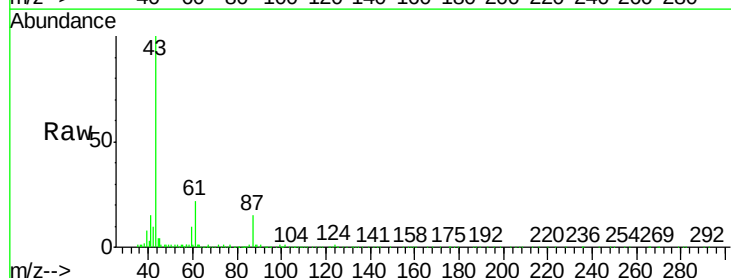
Tgt Ion: 43 Resp: 63167

Ion Ratio Lower Upper

43 100

61 22.1 16.2 24.2

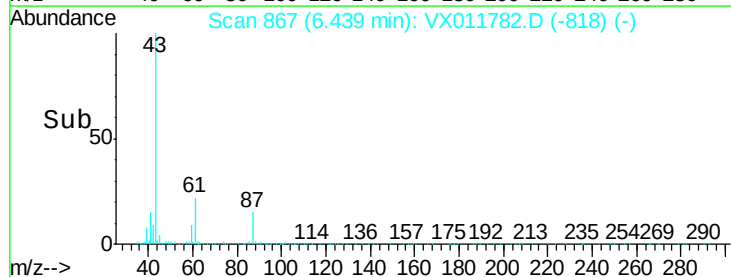
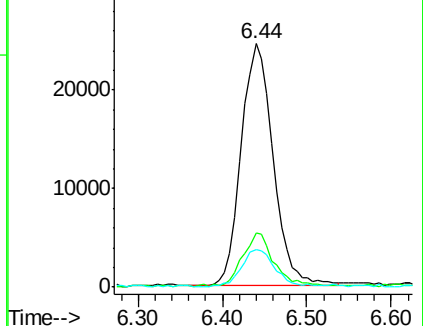
87 16.4 11.6 17.4

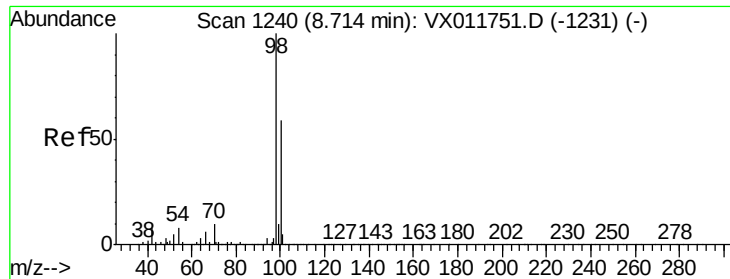


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.481 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011782.D

Acq: 22 Aug 2019 23:11

Instrument :

MSVOA_X

ClientSampled :

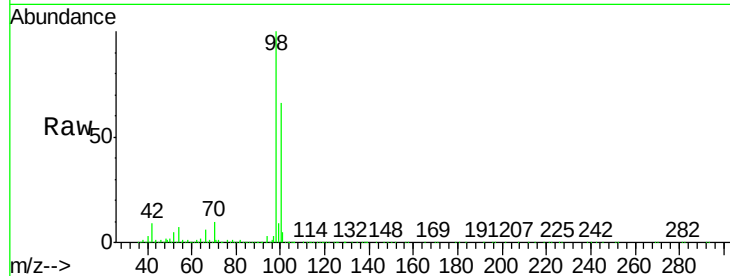
T1-H3-(2.5)

Tot Ion: 98 Resp: 694863

Ion Ratio Lower Upper

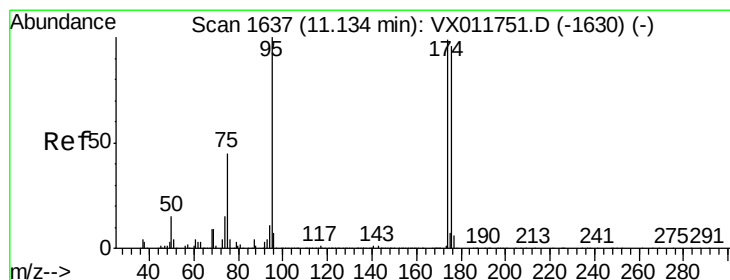
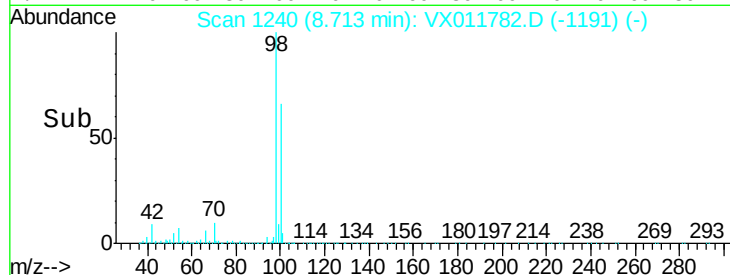
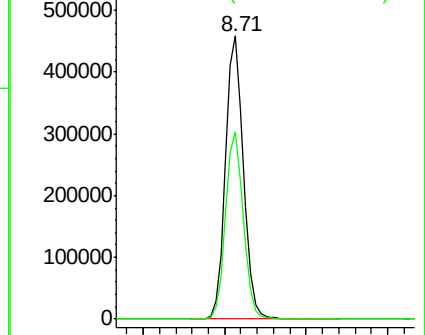
98 100

100 65.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.613 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011782.D

Acq: 22 Aug 2019 23:11

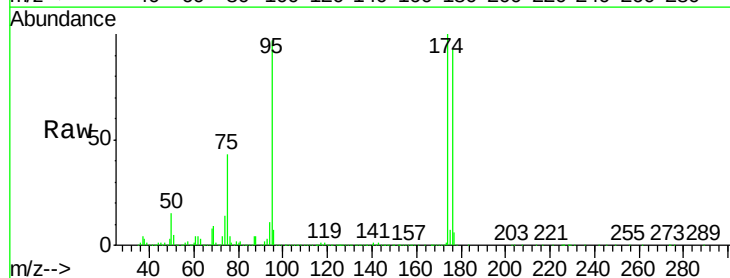
Tgt Ion: 95 Resp: 237286

Ion Ratio Lower Upper

95 100

174 105.2 0.0 197.4

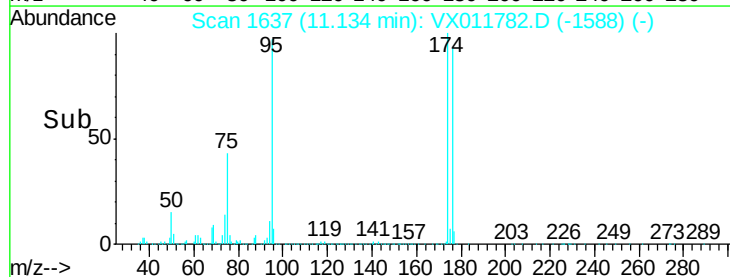
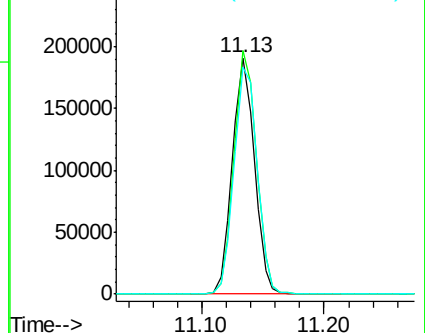
176 100.9 0.0 194.4

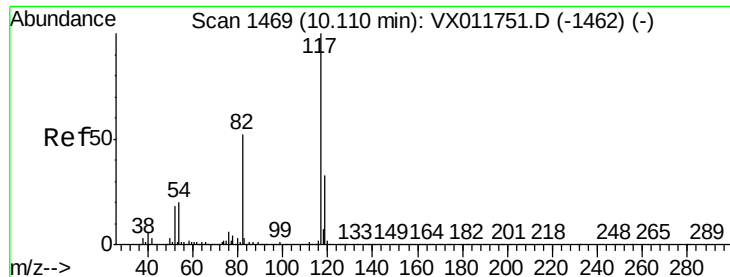


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011782.D

Acq: 22 Aug 2019 23:11

Instrument :

MSVOA_X

ClientSampled :

T1-H3-(2.5)

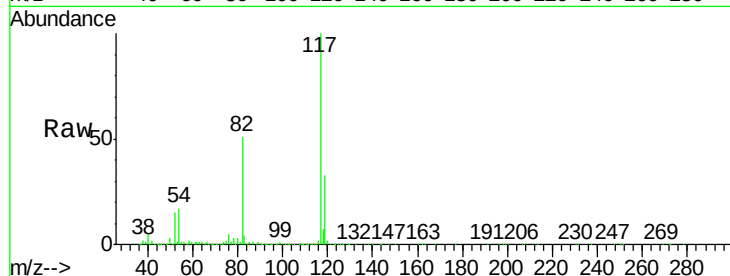
Tot Ion:117 Resp: 552002

Ion Ratio Lower Upper

117 100

82 50.9 41.7 62.5

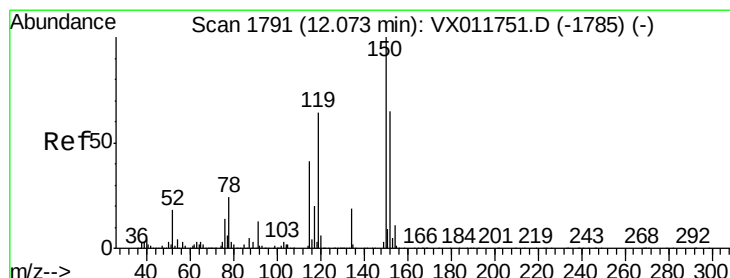
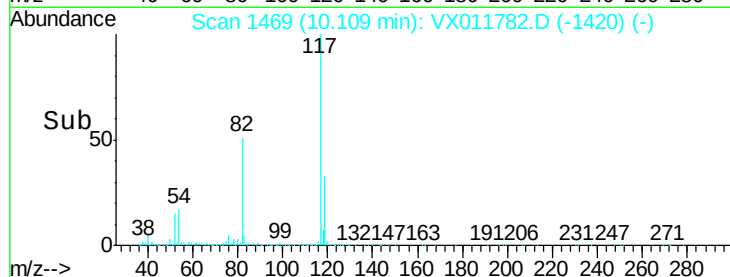
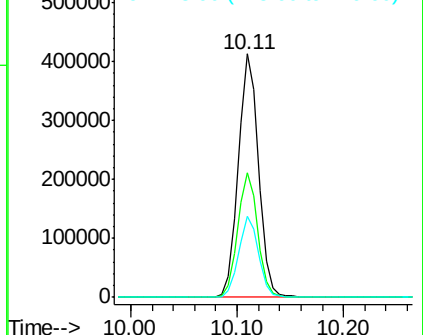
119 33.2 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011782.D

Acq: 22 Aug 2019 23:11

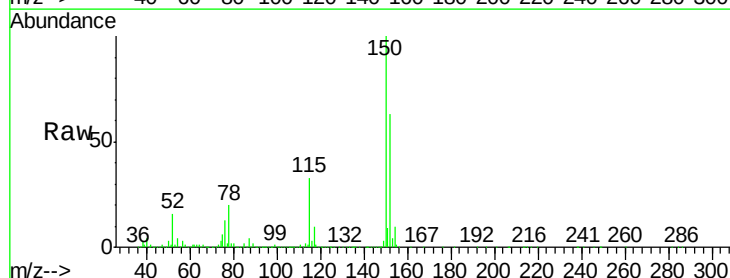
Tgt Ion:152 Resp: 268457

Ion Ratio Lower Upper

152 100

115 51.9 37.3 111.8

150 156.8 0.0 343.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

