

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011662.D
 Acq On : 20 Aug 2019 03:50
 Operator : JC/SP
 Sample : K4385-35
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T8-C-(2)

Quant Time: Aug 20 13:56:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

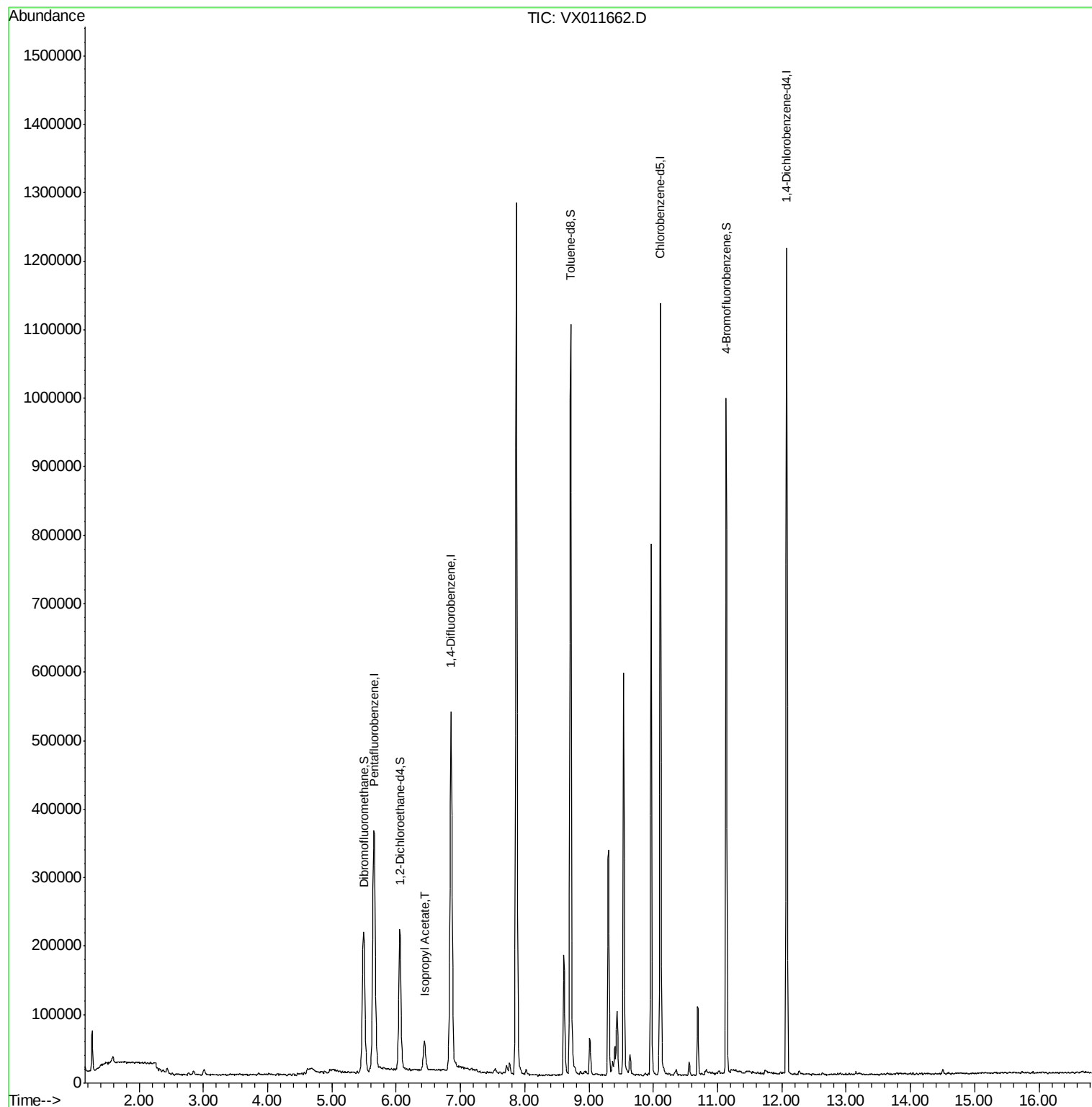
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	362567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	546671	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	541857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	269177	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	198348	58.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.98%	
35) Dibromofluoromethane	5.49	113	175324	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	8.71	98	686038	61.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.16%	
62) 4-Bromofluorobenzene	11.13	95	243219	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
Target Compounds						
43) Isopropyl Acetate	6.44	43	59723	7.119	ug/l	Qvalue 96

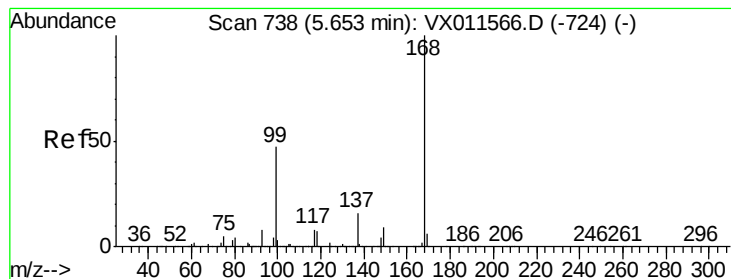
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011662.D

Acq: 20 Aug 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

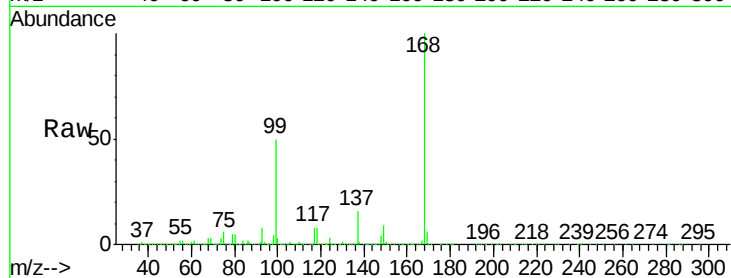
T8-C-(2)

Tot Ion:168 Resp: 362567

Ion Ratio Lower Upper

168 100

99 49.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

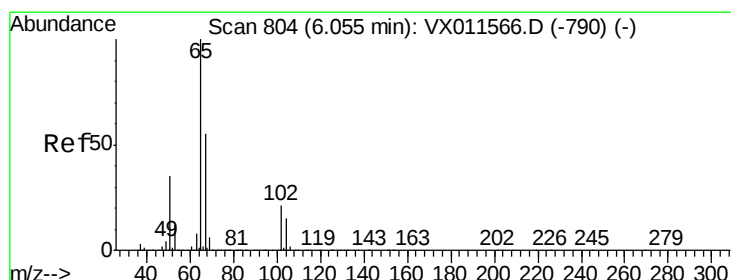
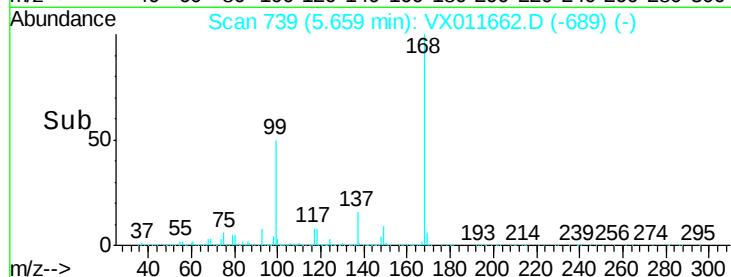
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.992 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011662.D

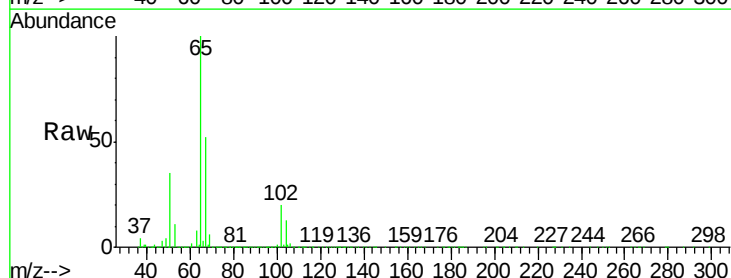
Acq: 20 Aug 2019 03:50

Tgt Ion: 65 Resp: 198348

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

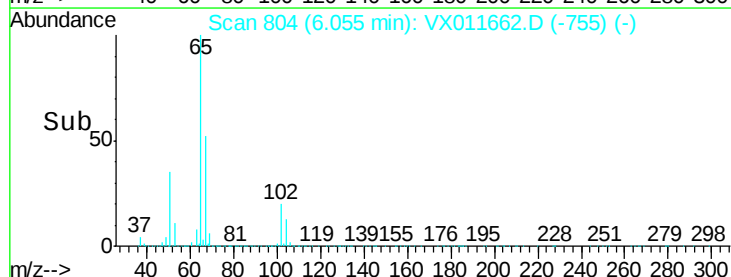
60000

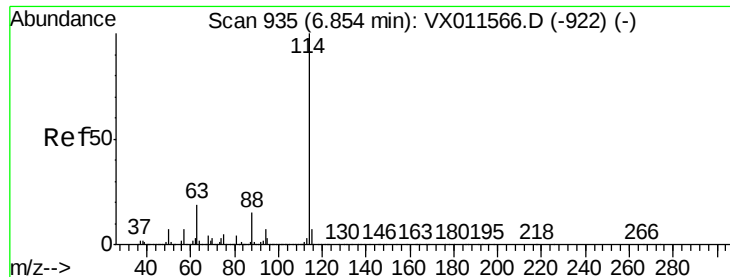
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011662.D

Acq: 20 Aug 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

T8-C-(2)

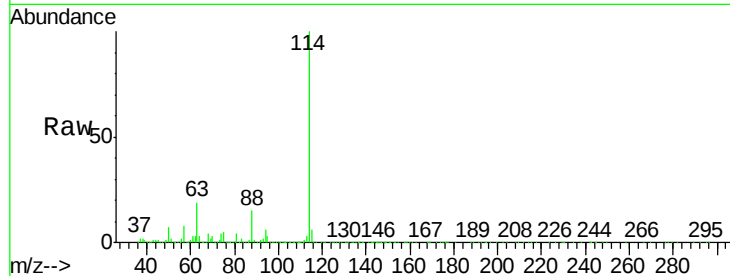
Tot Ion:114 Resp: 546671

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.8

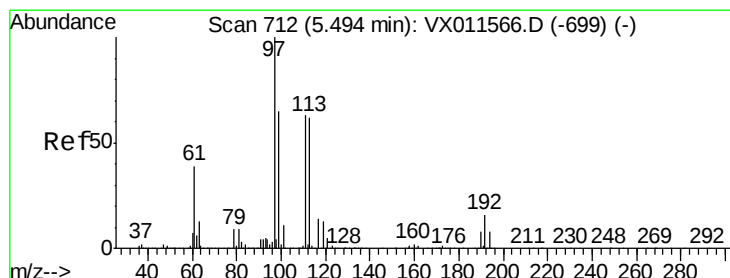
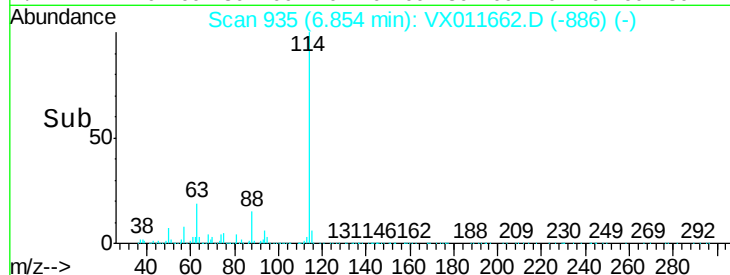
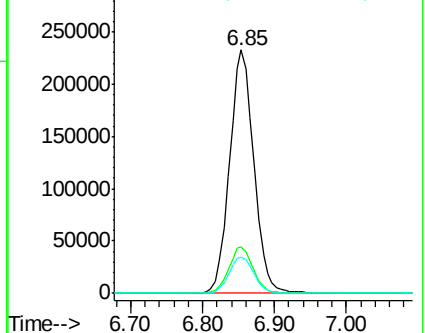
88 15.1 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.034 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011662.D

Acq: 20 Aug 2019 03:50

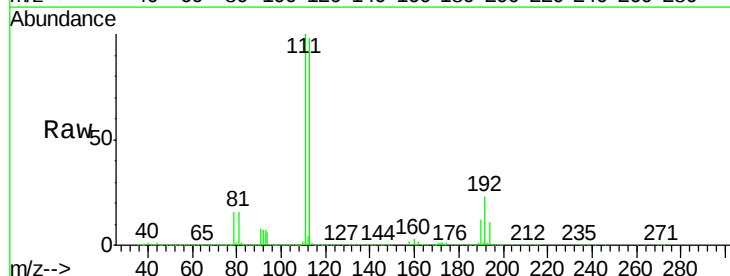
Tgt Ion:113 Resp: 175324

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

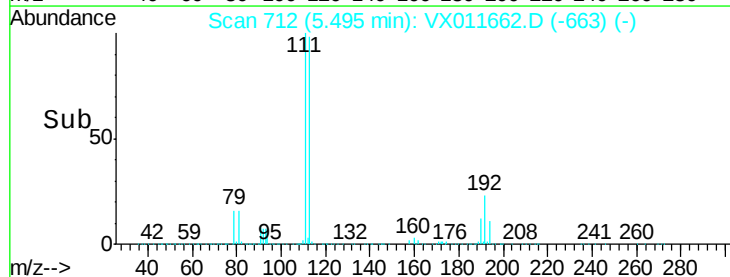
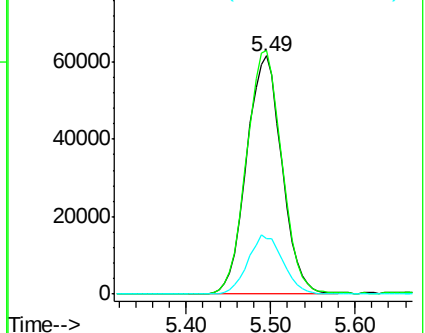
192 24.8 20.8 31.2

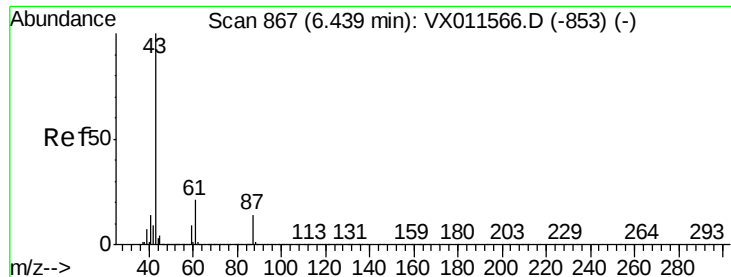


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.119 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011662.D

Acq: 20 Aug 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

T8-C-(2)

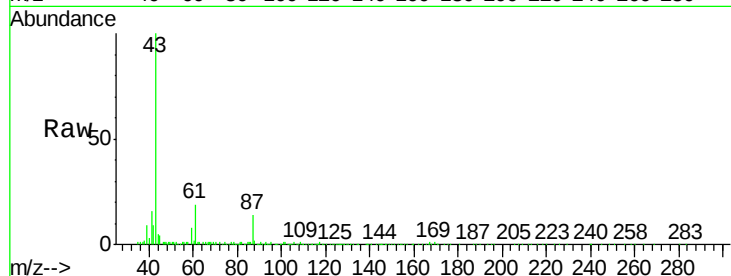
Tot Ion: 43 Resp: 59723

Ion Ratio Lower Upper

43 100

61 18.7 16.6 24.8

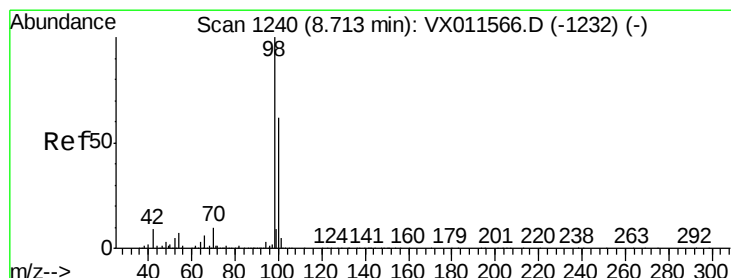
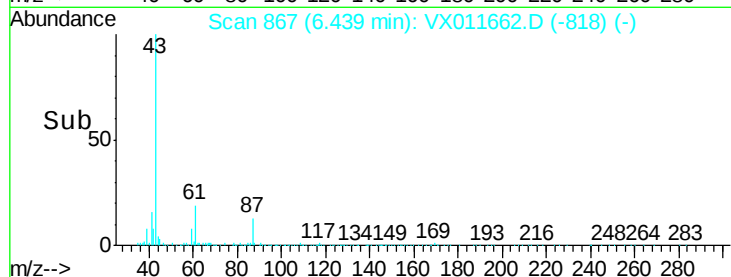
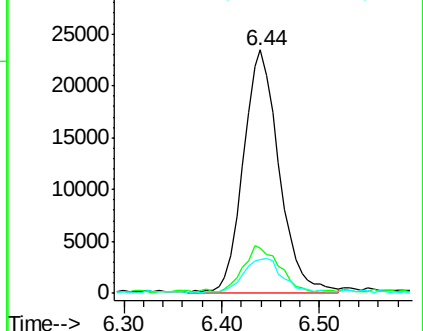
87 15.5 11.4 17.2



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: 61.578 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011662.D

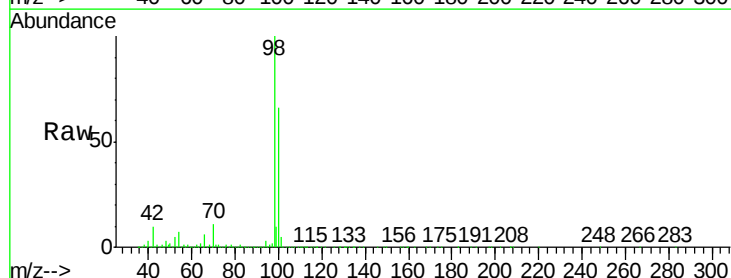
Acq: 20 Aug 2019 03:50

Tgt Ion: 98 Resp: 686038

Ion Ratio Lower Upper

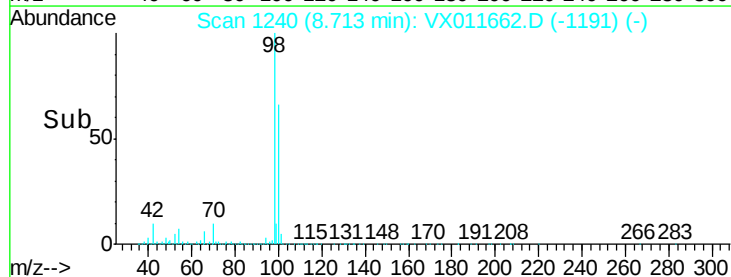
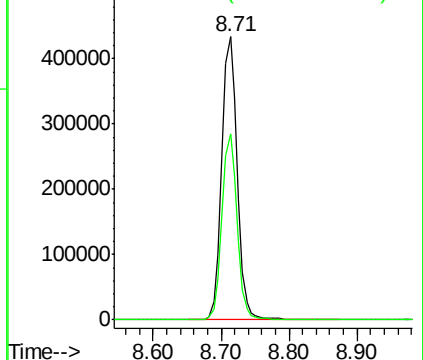
98 100

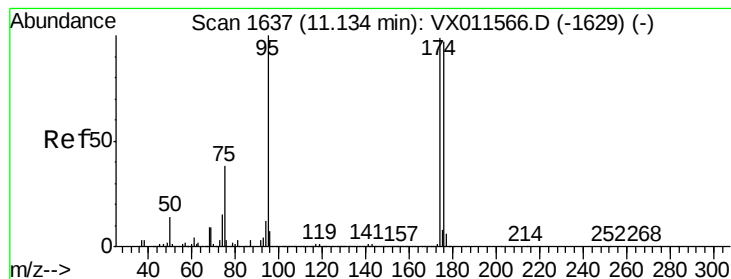
100 64.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 51.722 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011662.D

Acq: 20 Aug 2019 03:50

Instrument :

MSVOA_X

ClientSampled :

T8-C-(2)

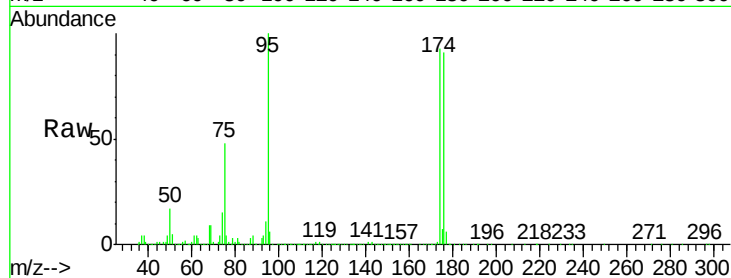
Tot Ion: 95 Resp: 243219

Ion Ratio Lower Upper

95 100

174 94.9 0.0 200.6

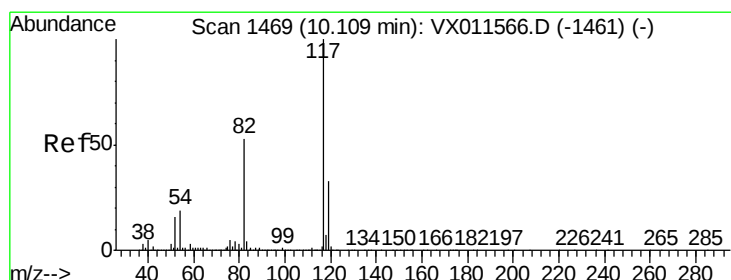
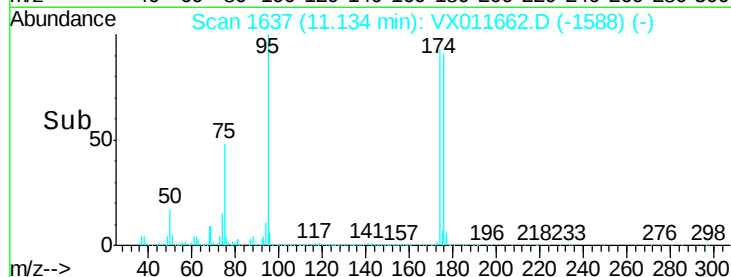
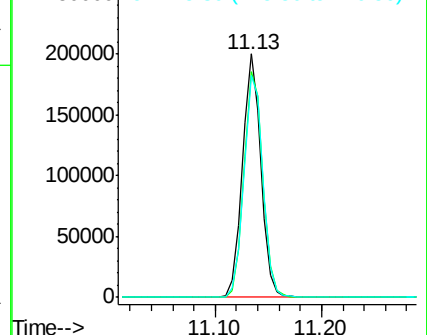
176 94.0 0.0 196.6



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: VX011662.D

Acq: 20 Aug 2019 03:50

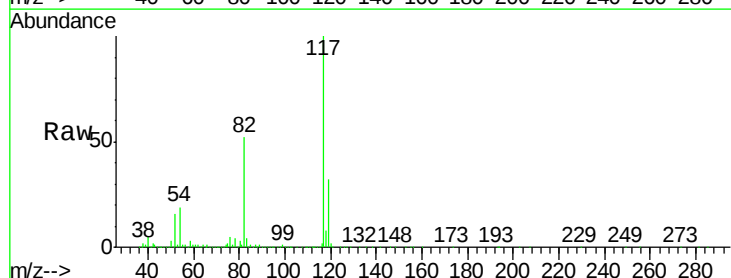
Tgt Ion: 117 Resp: 541857

Ion Ratio Lower Upper

117 100

82 52.3 42.0 63.0

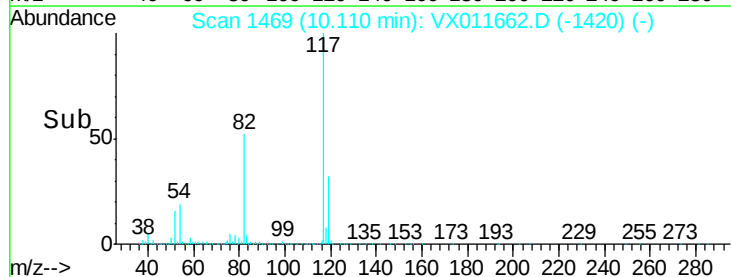
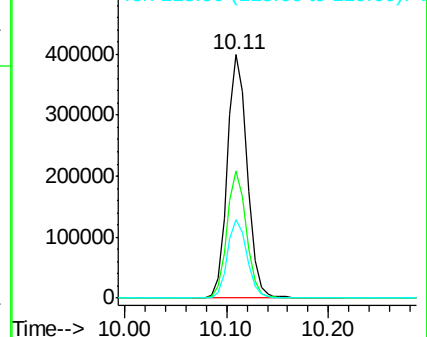
119 32.4 26.5 39.7

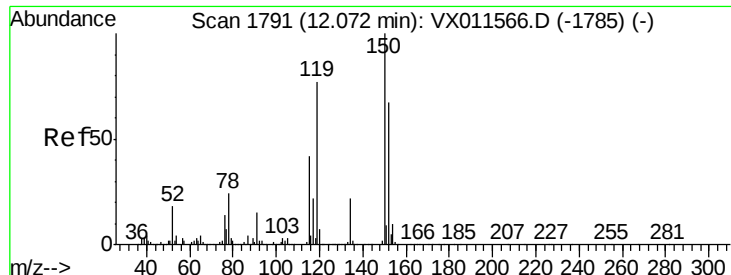


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX011662.D

Acq: 20 Aug 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

T8-C-(2)

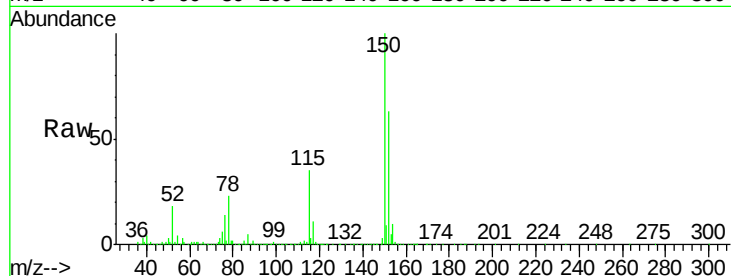
Tot Ion:152 Resp: 269177

Ion Ratio Lower Upper

152 100

115 52.7 37.3 111.9

150 156.5 0.0 346.2



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

