

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
 Data File : VX007479.D
 Acq On : 11 Feb 2019 20:12
 Operator : JC/SP
 Sample : K1449-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-11-OW

Quant Time: Feb 12 12:36:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

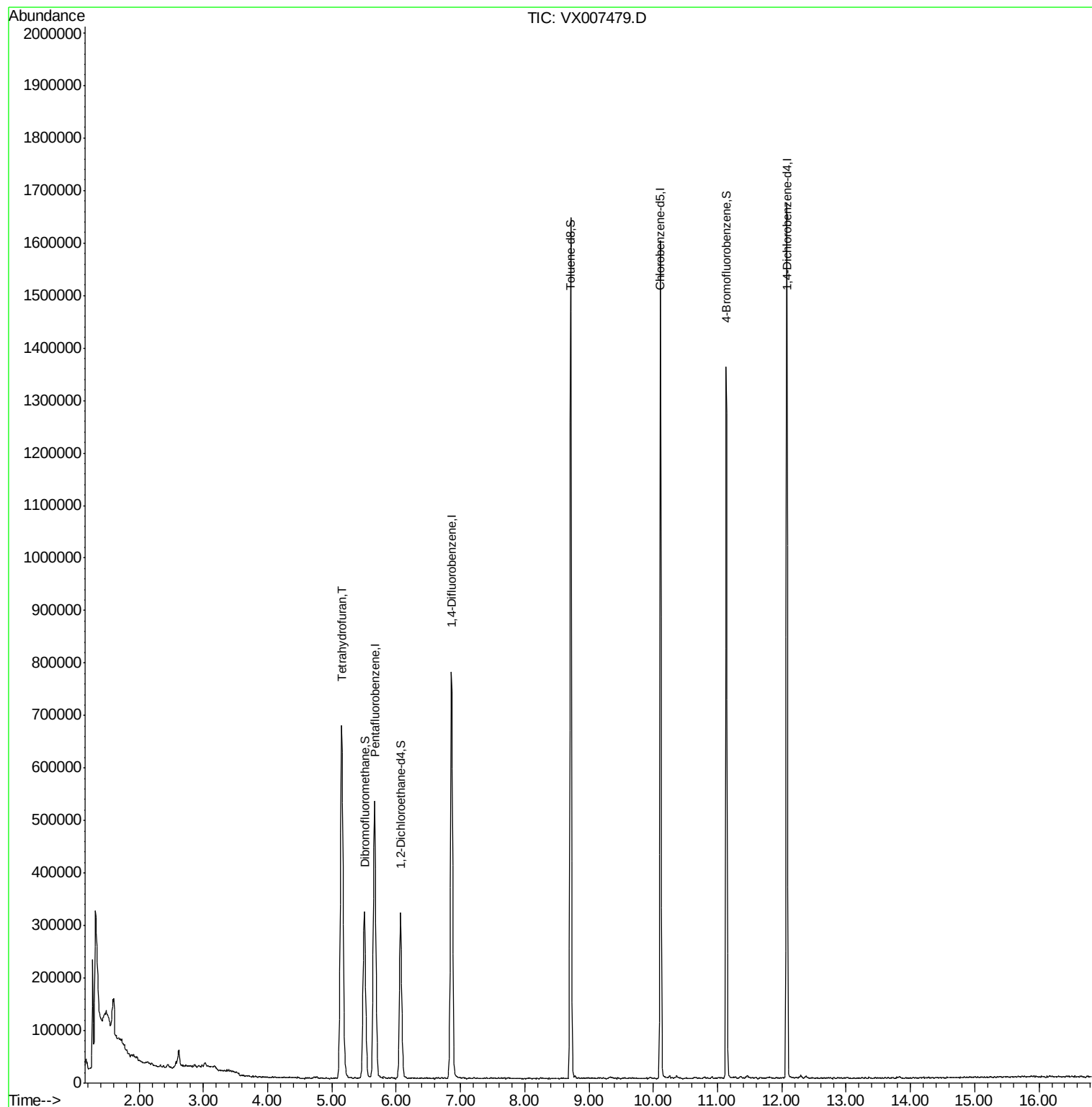
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	549461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	828972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	775628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	374623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	284510	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
35) Dibromofluoromethane	5.50	113	270331	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	8.71	98	981470	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	11.13	95	350212	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
Target Compounds						
29) Tetrahydrofuran	5.15	42	623656	260.820	ug/l	Qvalue 99

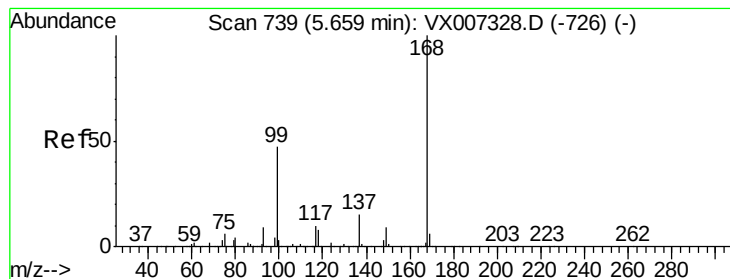
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007479.D

Acq: 11 Feb 2019 20:12

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MSVOA_X

ClientSampleId :

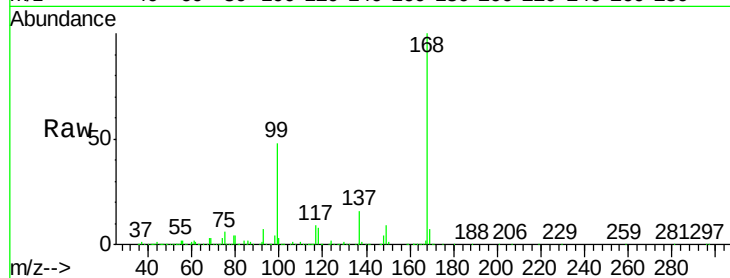
B-11-OW

Tot Ion:168 Resp: 549461

Ion Ratio Lower Upper

168 100

99 48.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

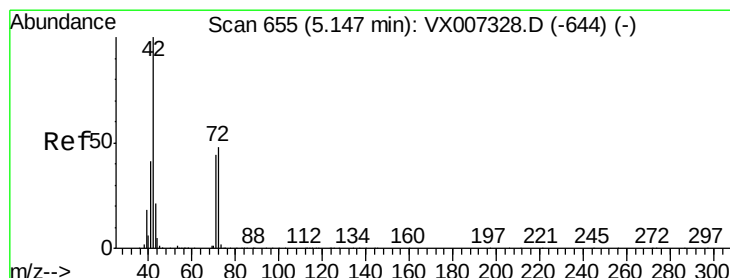
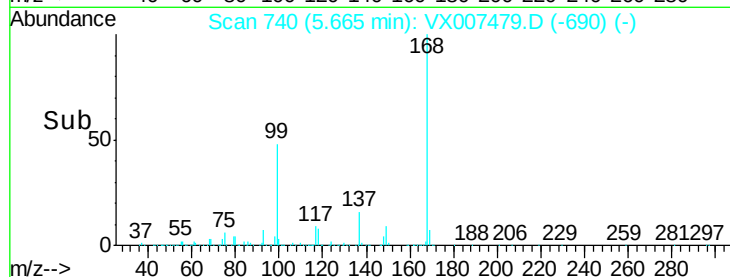
150000

100000

50000

0

Time-->



#29

Tetrahydrofuran

Concen: 260.820 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX007479.D

Acq: 11 Feb 2019 20:12

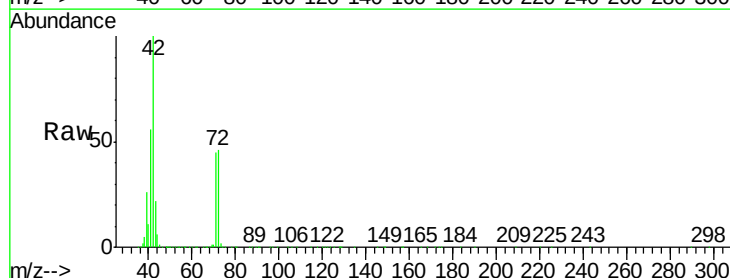
Tgt Ion: 42 Resp: 623656

Ion Ratio Lower Upper

42 100

72 46.3 37.6 56.4

71 43.7 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

250000

200000

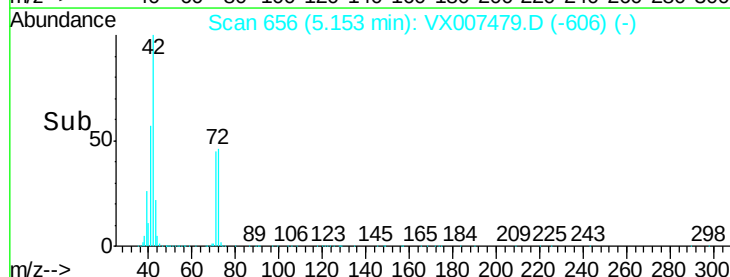
150000

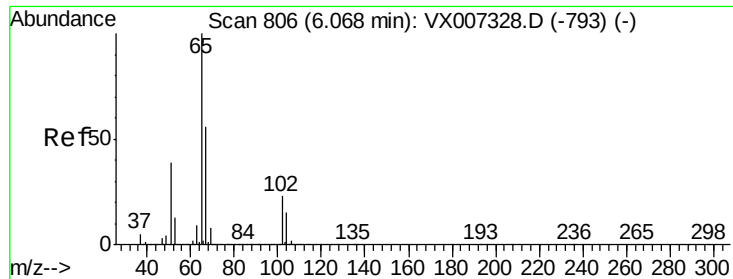
100000

50000

0

Time-->

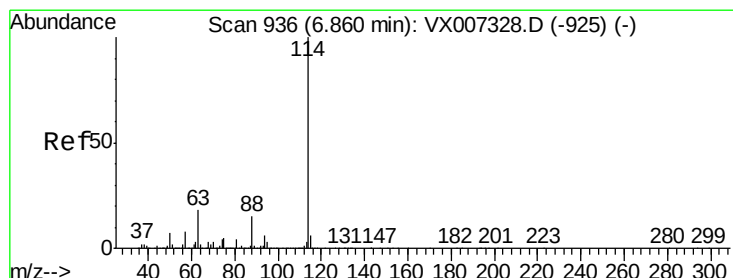
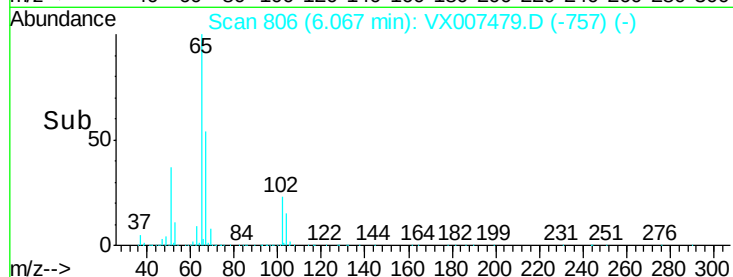
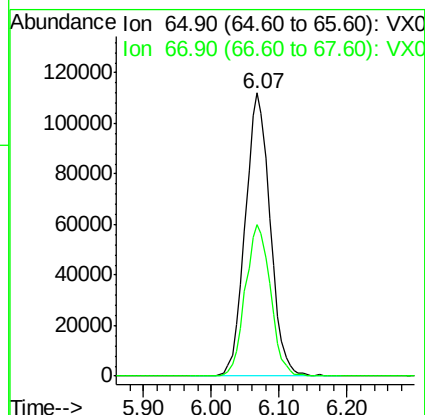
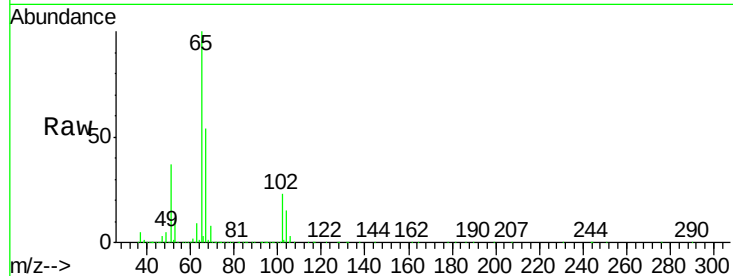




#33
 1,2-Dichloroethane-d4
 Concen: 48.784 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007479.D
 Acq: 11 Feb 2019 20:12

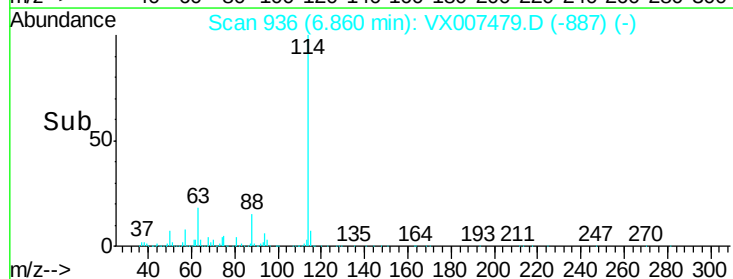
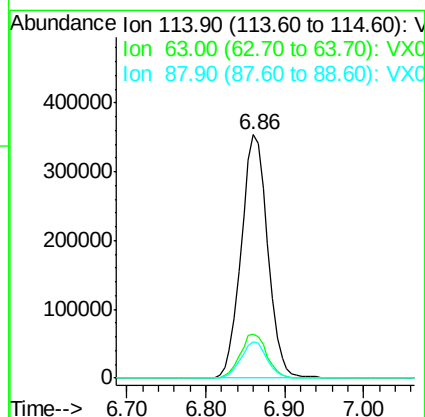
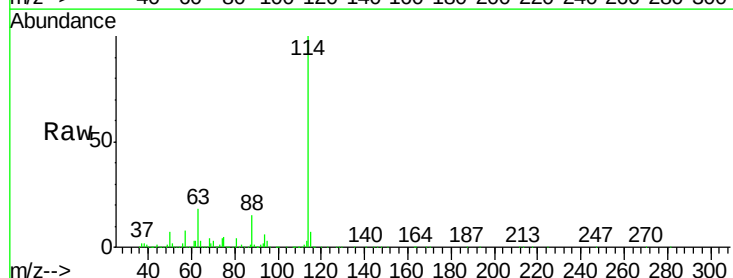
Instrument :
 MSVOA_X
 ClientSampleId :
 B-11-OW

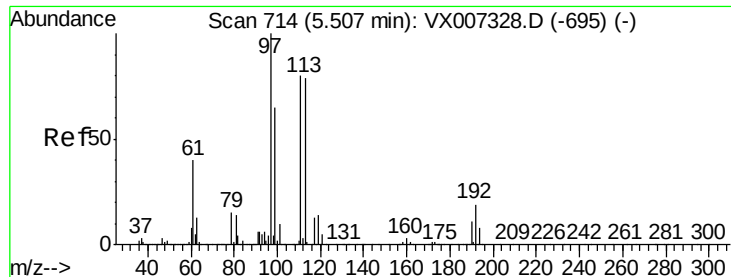
Tot Ion: 65 Resp: 284510
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007479.D
 Acq: 11 Feb 2019 20:12

Tgt Ion: 114 Resp: 828972
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.6
 88 14.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.119 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007479.D

Acq: 11 Feb 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

B-11-OW

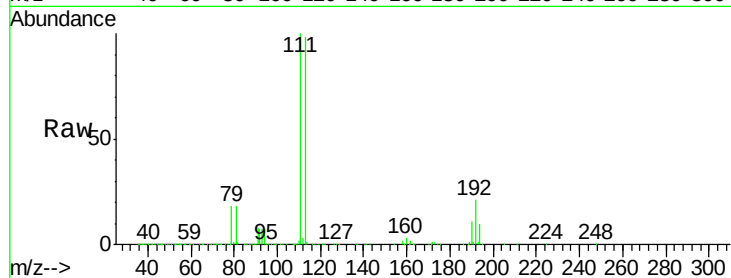
Tot Ion:113 Resp: 270331

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

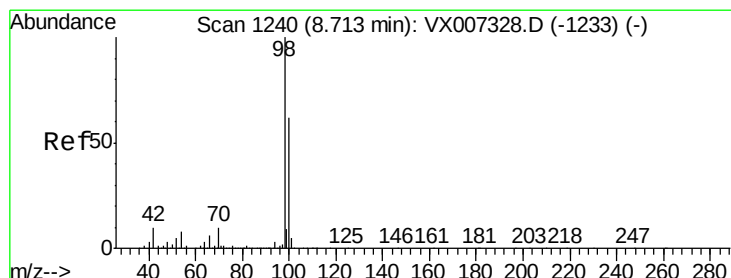
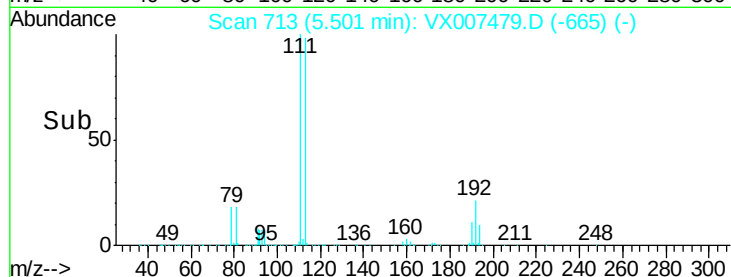
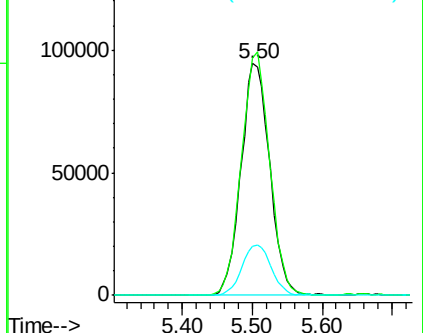
192 22.3 18.5 27.7



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



#50

Toluene-d8

Concen: 49.044 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007479.D

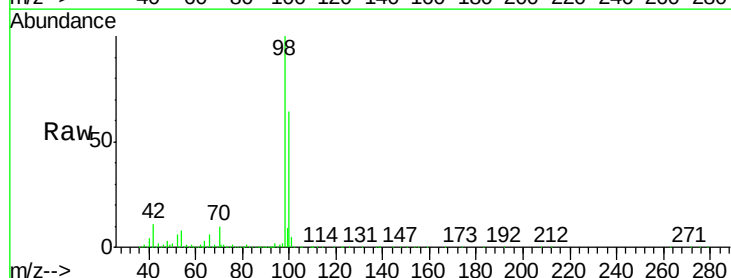
Acq: 11 Feb 2019 20:12

Tgt Ion: 98 Resp: 981470

Ion Ratio Lower Upper

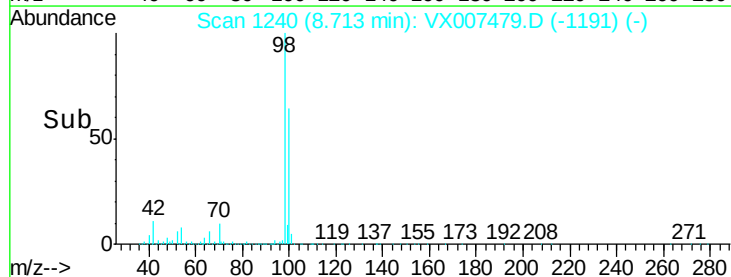
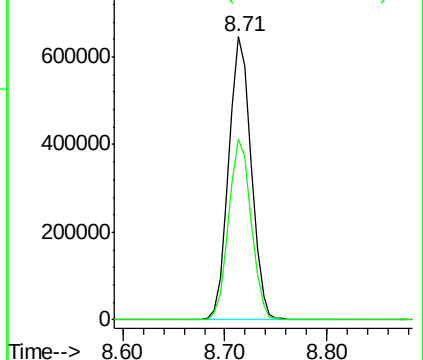
98 100

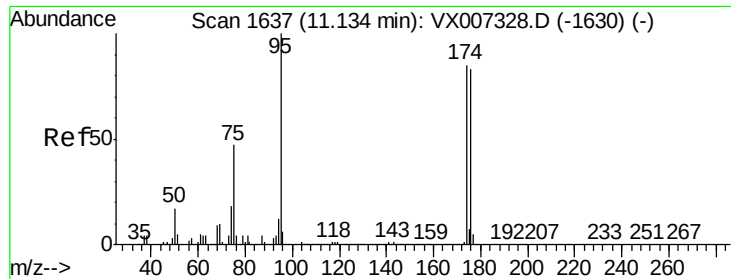
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.932 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007479.D

Acq: 11 Feb 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

B-11-OW

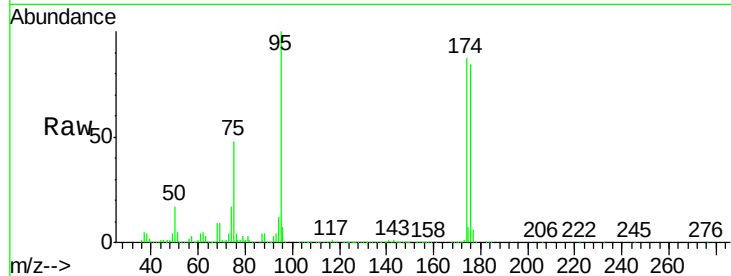
Tot Ion: 95 Resp: 350212

Ion Ratio Lower Upper

95 100

174 93.6 0.0 189.2

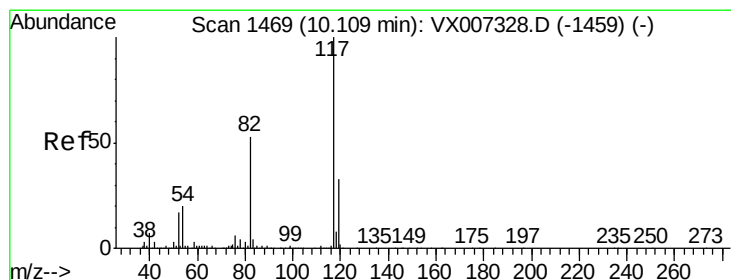
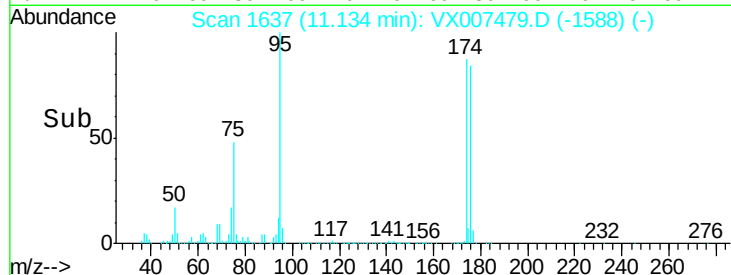
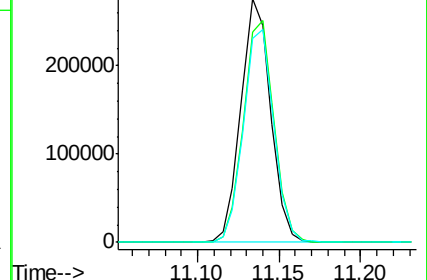
176 89.9 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007328.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007328.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007328.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007479.D

Acq: 11 Feb 2019 20:12

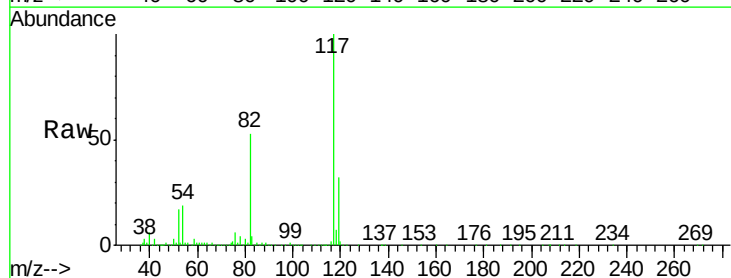
Tgt Ion: 117 Resp: 775628

Ion Ratio Lower Upper

117 100

82 52.5 42.1 63.1

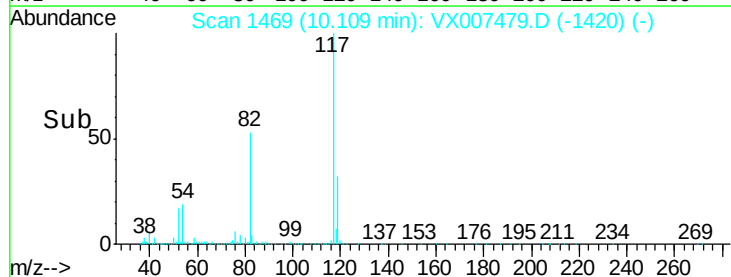
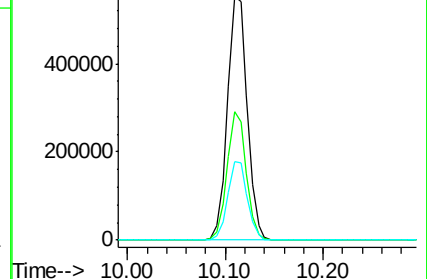
119 32.2 26.5 39.7

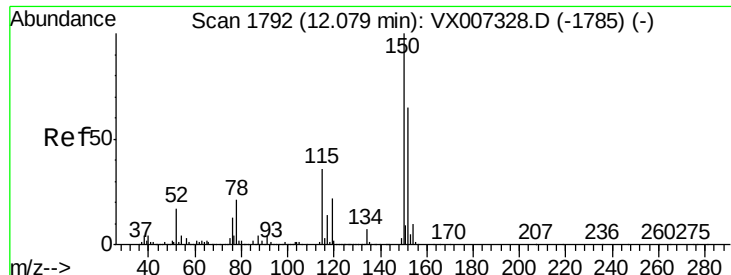


Abundance Ion 116.90 (116.60 to 117.60): VX007328.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007328.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007328.D (-1459) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007479.D

Acq: 11 Feb 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

B-11-OW

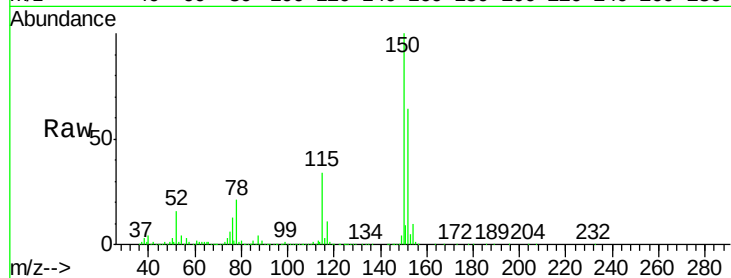
Tot Ion:152 Resp: 374623

Ion Ratio Lower Upper

152 100

115 54.7 38.0 114.0

150 156.1 0.0 346.4



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

