

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031319\
 Data File : VX008047.D
 Acq On : 13 Mar 2019 14:25
 Operator : JC/SP
 Sample : K1793-16DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20190306DL

Quant Time: Mar 14 04:31:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

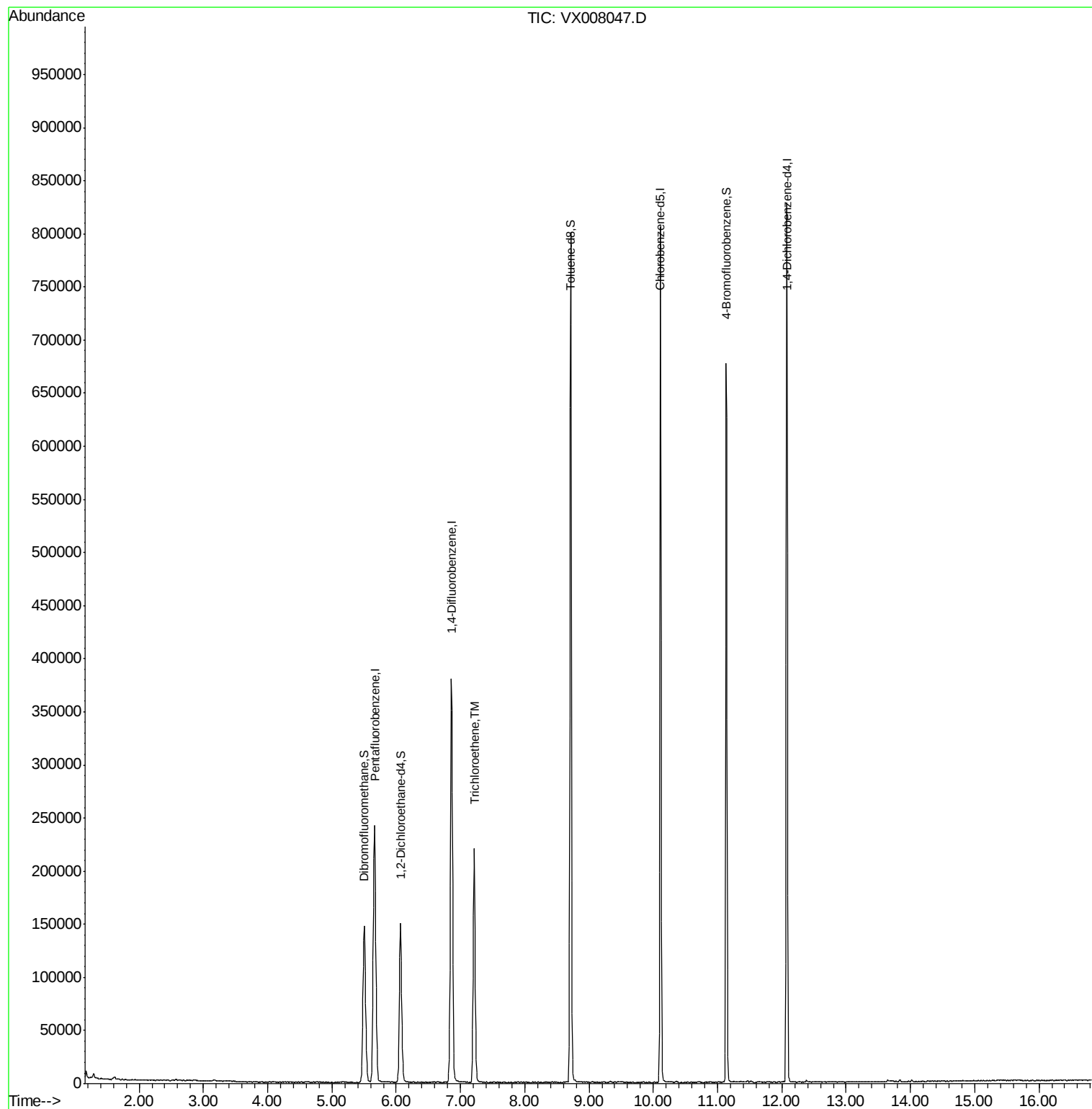
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400289	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	380473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	136981	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
35) Dibromofluoromethane	5.50	113	129254	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
50) Toluene-d8	8.71	98	485998	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.13	95	180535	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
Target Compounds						
44) Trichloroethene	7.21	130	90567	30.457	ug/l	Qvalue 99

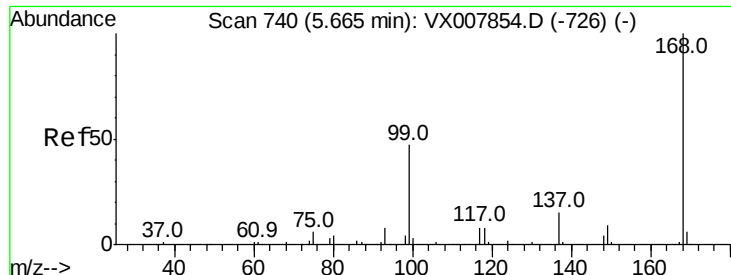
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008047.D

Acq: 13 Mar 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

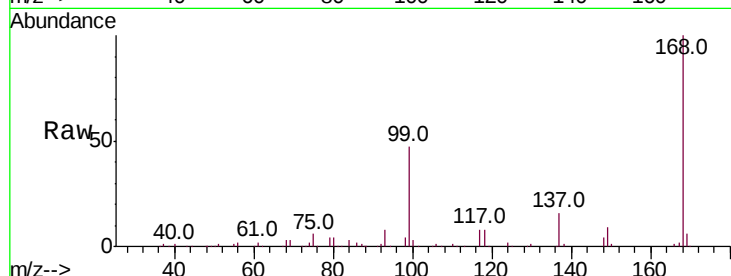
RE108D2-20190306DL

Tot Ion:168 Resp: 259392

Ion Ratio Lower Upper

168 100

99 47.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

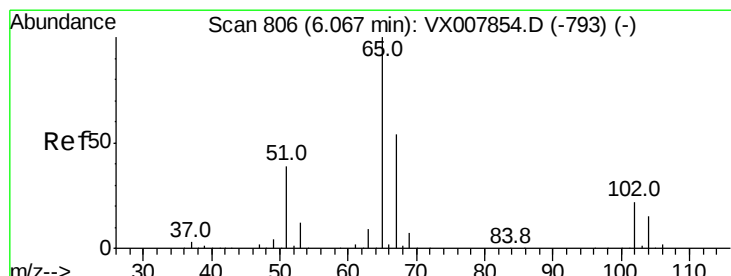
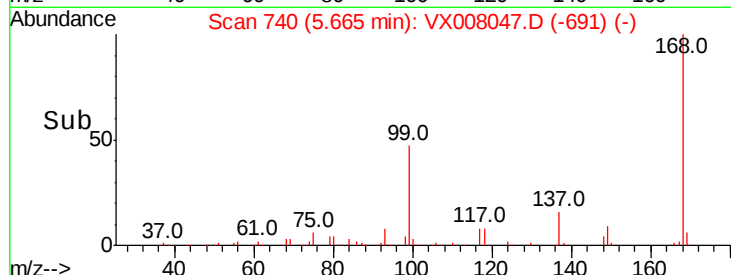
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.060 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008047.D

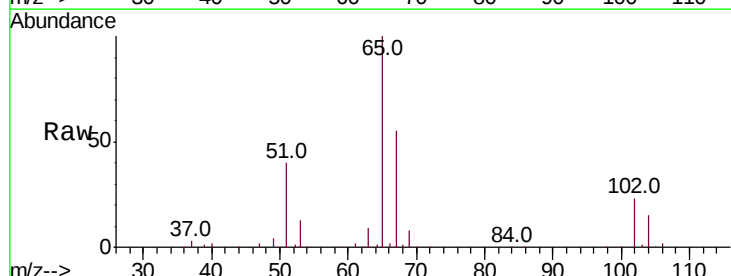
Acq: 13 Mar 2019 14:25

Tgt Ion: 65 Resp: 136981

Ion Ratio Lower Upper

65 100

67 55.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

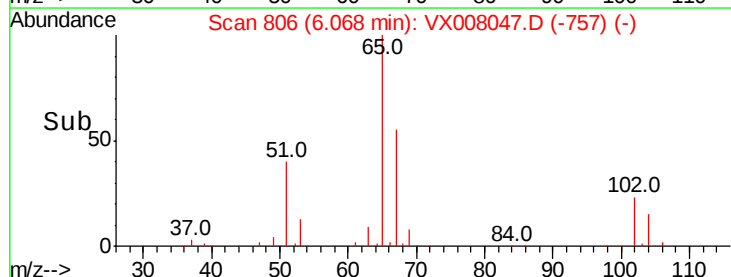
30000

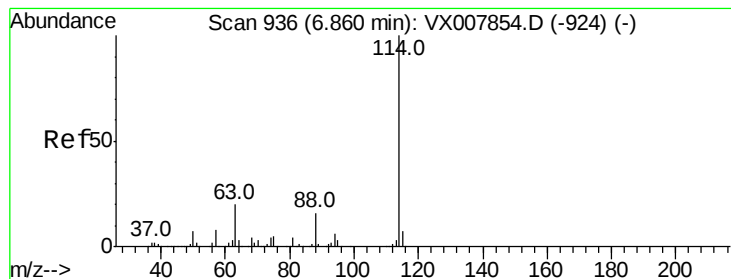
20000

10000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008047.D

Acq: 13 Mar 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20190306DL

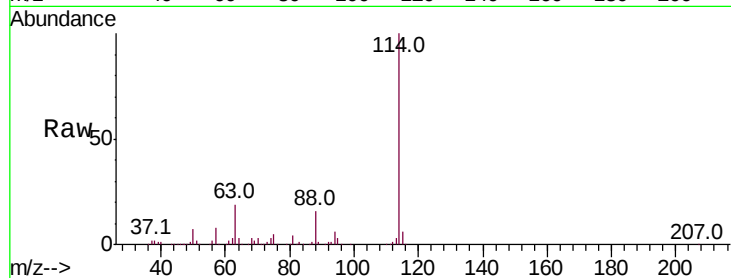
Tot Ion:114 Resp: 400289

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

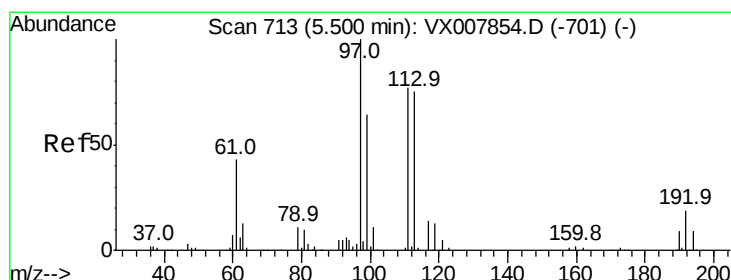
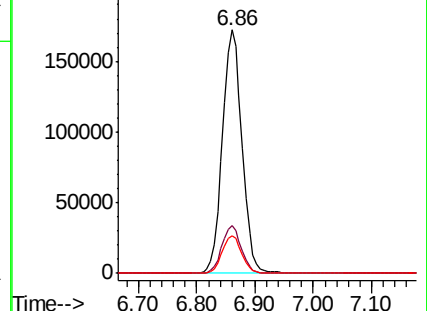
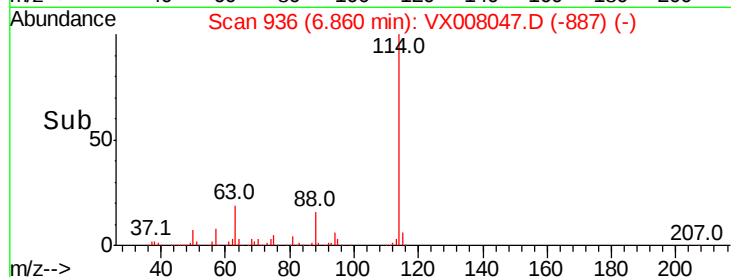
88 15.5 0.0 31.4



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: 50.480 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008047.D

Acq: 13 Mar 2019 14:25

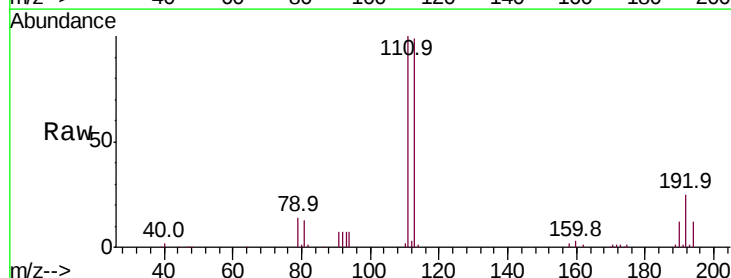
Tgt Ion:113 Resp: 129254

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

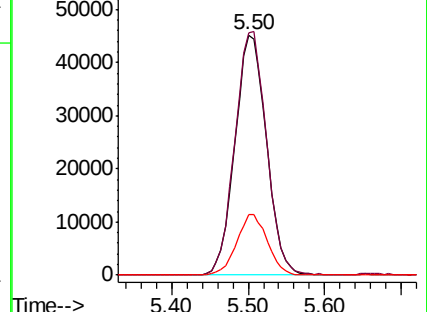
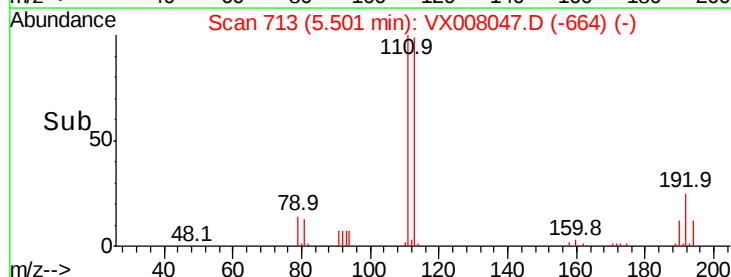
192 24.5 19.4 29.0

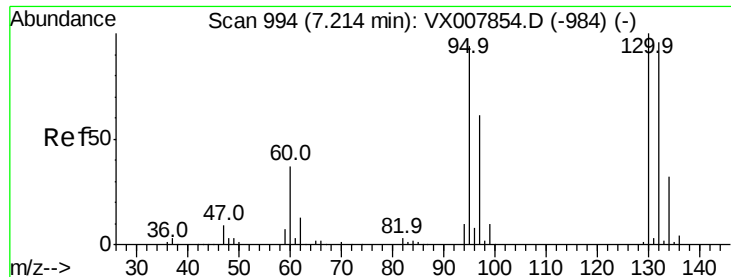


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 30.457 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008047.D

Acq: 13 Mar 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

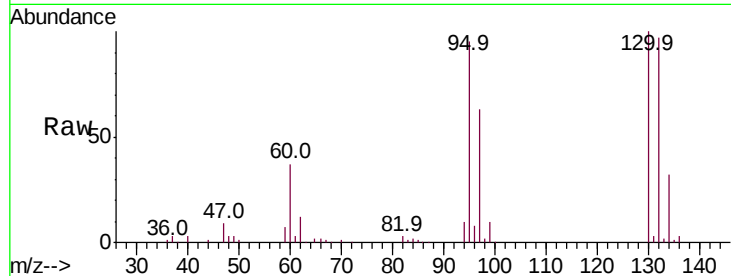
RE108D2-20190306DL

Tot Ion:130 Resp: 90567

Ion Ratio Lower Upper

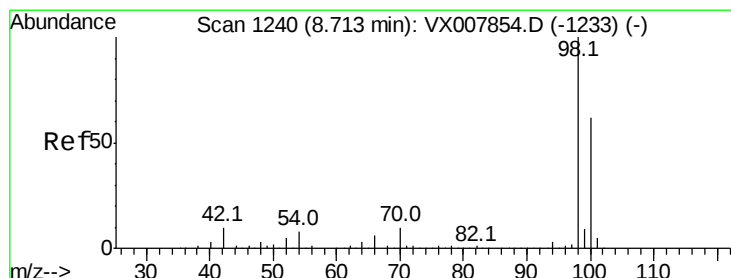
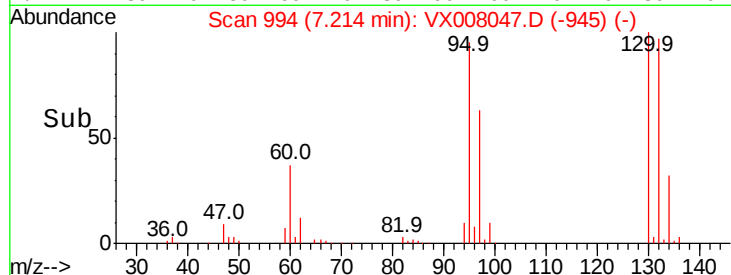
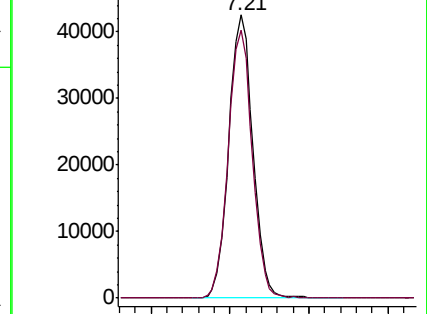
130 100

95 94.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.682 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008047.D

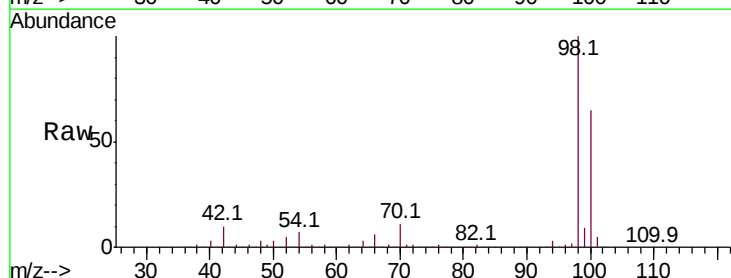
Acq: 13 Mar 2019 14:25

Tgt Ion: 98 Resp: 485998

Ion Ratio Lower Upper

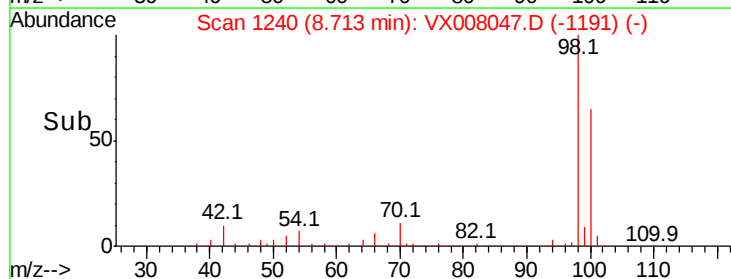
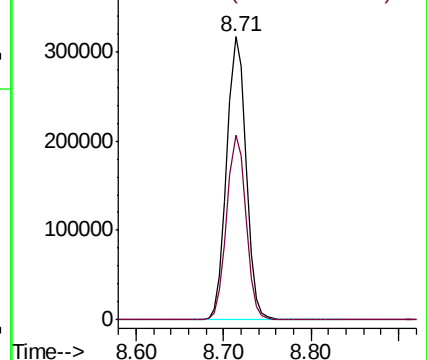
98 100

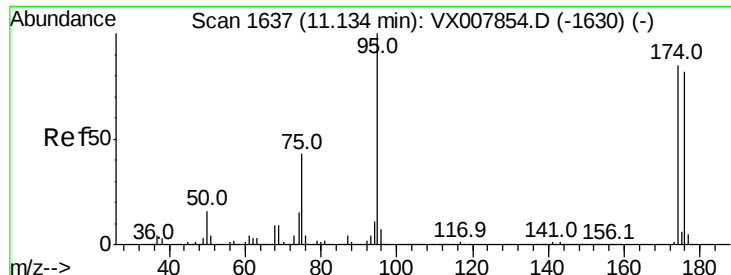
100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.758 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008047.D

Acq: 13 Mar 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20190306DL

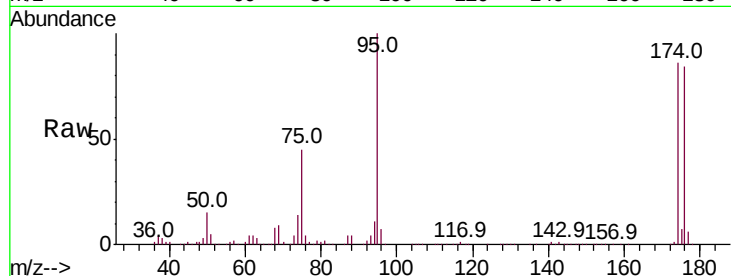
Tot Ion: 95 Resp: 180535

Ion Ratio Lower Upper

95 100

174 92.6 0.0 182.8

176 89.9 0.0 178.0

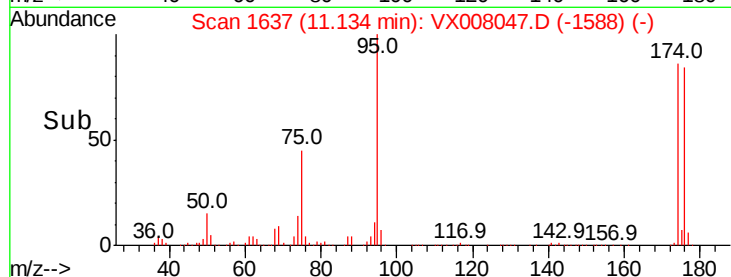


Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)

Time-->

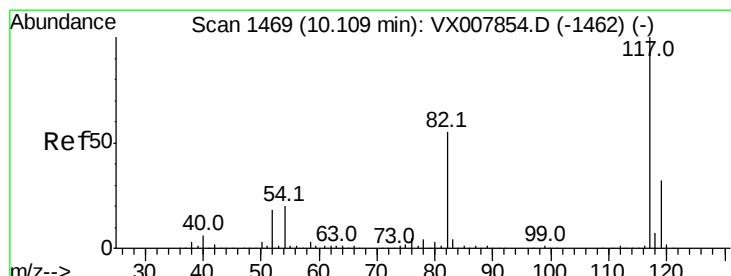


Abundance Ion 94.90 (94.60 to 95.60): VX008047.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008047.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008047.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008047.D

Acq: 13 Mar 2019 14:25

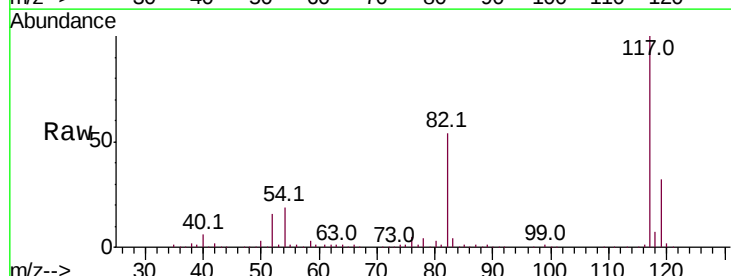
Tgt Ion: 117 Resp: 380473

Ion Ratio Lower Upper

117 100

82 54.3 44.3 66.5

119 31.7 25.3 37.9

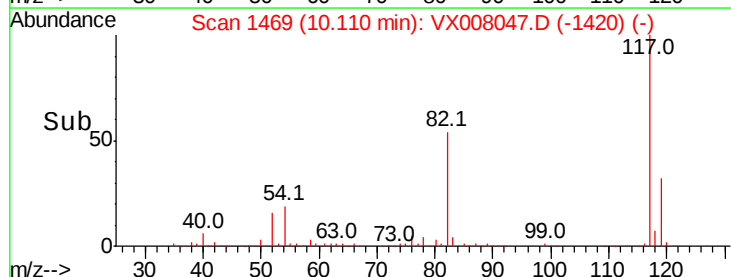


Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)

Time-->

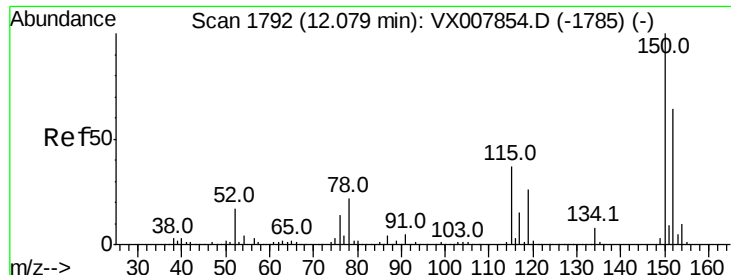


Abundance Ion 116.90 (116.60 to 117.60): VX008047.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008047.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008047.D (-1420) (-)

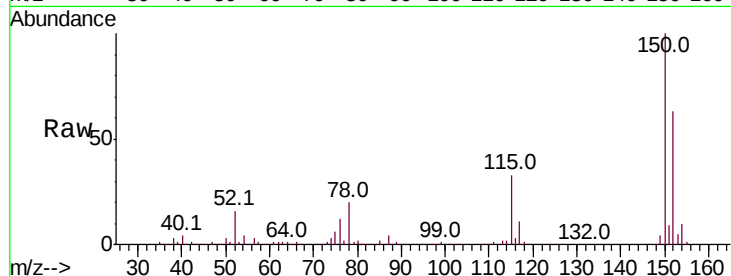
Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008047.D
 Acq: 13 Mar 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20190306DL

Tot Ion:152 Resp: 186650
 Ion Ratio Lower Upper
 152 100
 115 54.3 38.6 115.7
 150 156.5 0.0 348.4



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

