

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032819\
 Data File : VX008510.D
 Acq On : 28 Mar 2019 11:35
 Operator : JC/SP
 Sample : K2115-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-EQUIP.BLANK

Quant Time: Mar 29 02:01:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

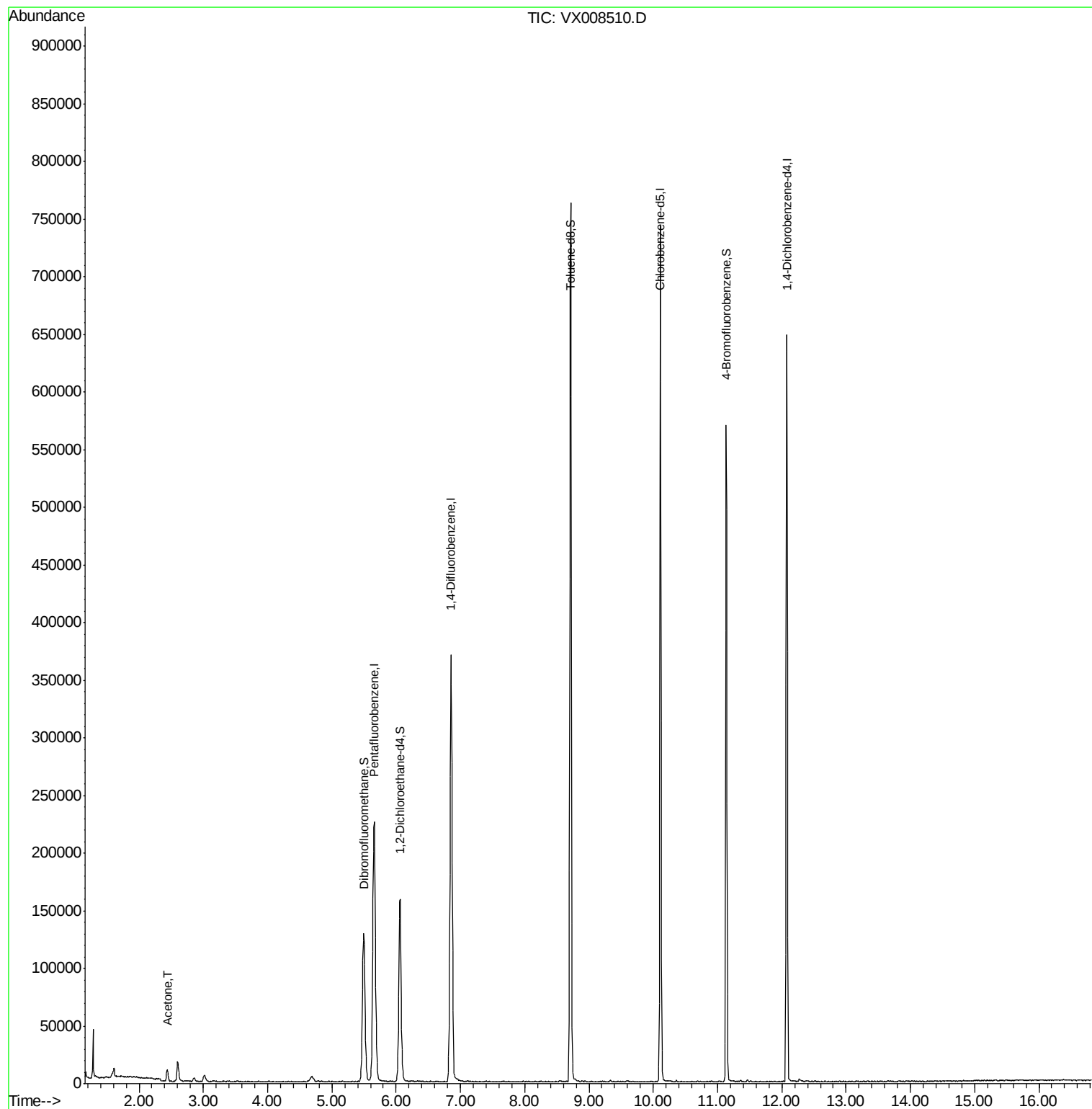
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	214803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	360336	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	310636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	150032	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
35) Dibromofluoromethane	5.49	113	110745	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
50) Toluene-d8	8.71	98	449454	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	151676	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
Target Compounds						
16) Acetone	2.44	43	11076	6.508	ug/l	Qvalue 98

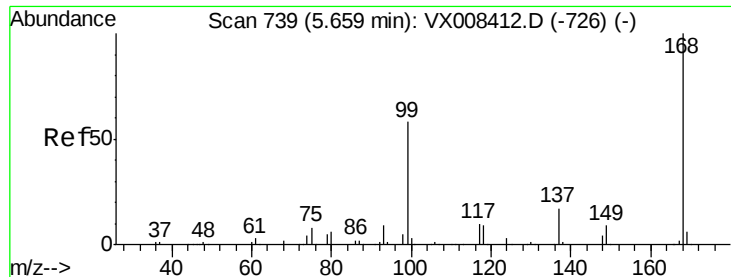
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 26 07:57:20 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008510.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

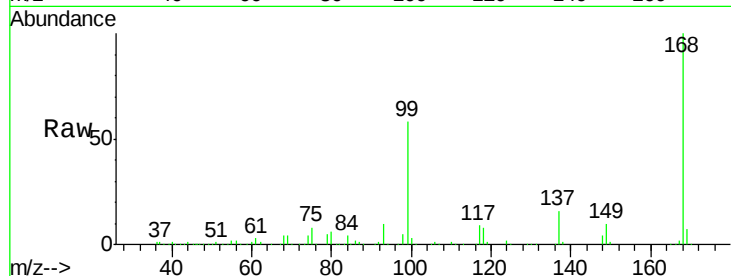
QNWP8-EQUIP.BLANK

Tot Ion:168 Resp: 214803

Ion Ratio Lower Upper

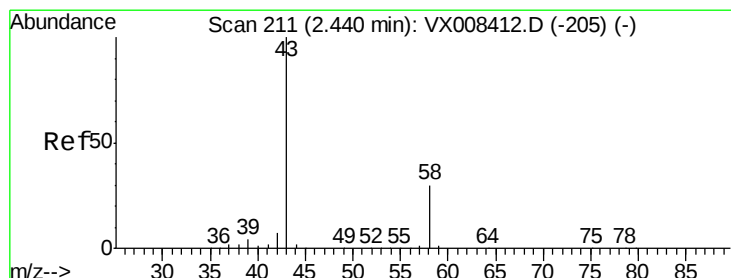
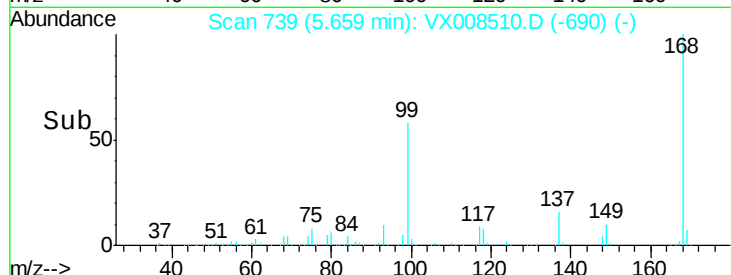
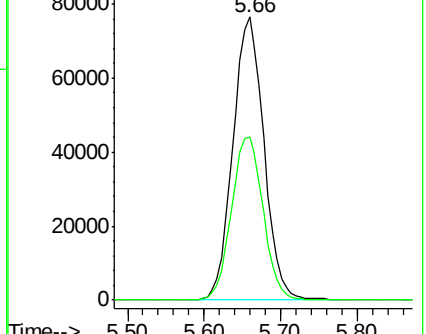
168 100

99 57.8 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.508 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008510.D

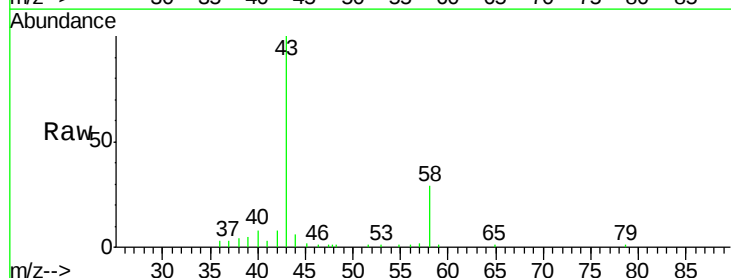
Acq: 28 Mar 2019 11:35

Tgt Ion: 43 Resp: 11076

Ion Ratio Lower Upper

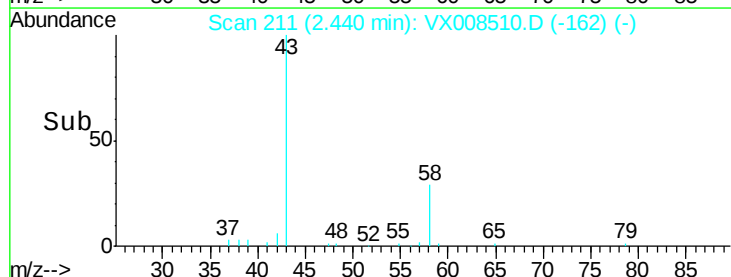
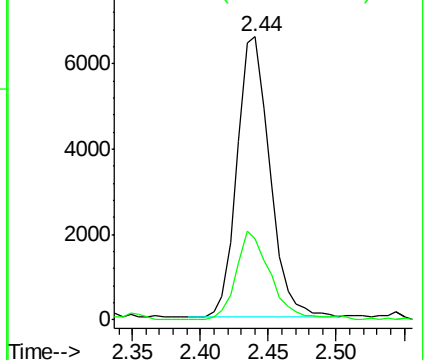
43 100

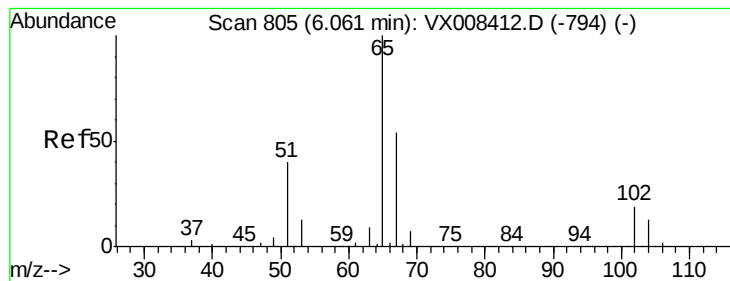
58 29.1 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.072 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008510.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

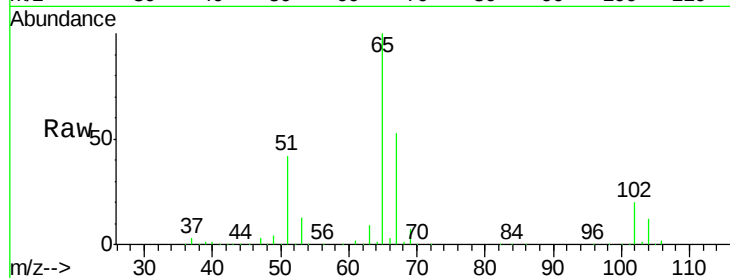
QNWP8-EQUIP.BLANK

Tot Ion: 65 Resp: 150032

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

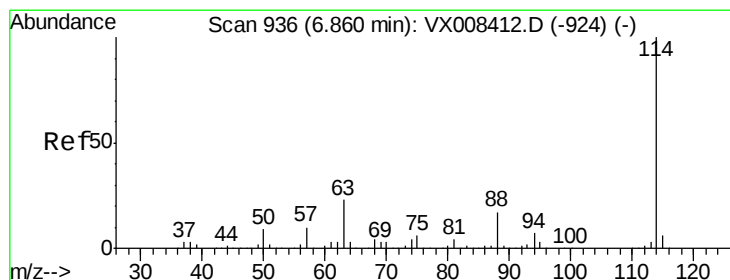
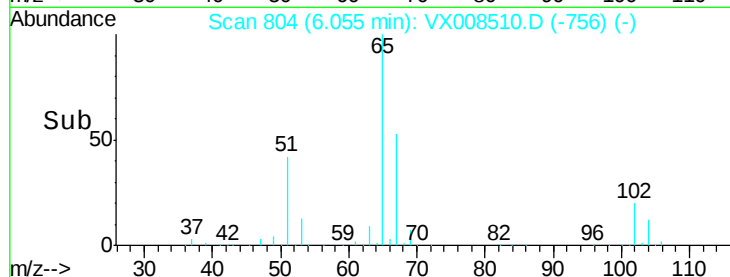
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008510.D

Acq: 28 Mar 2019 11:35

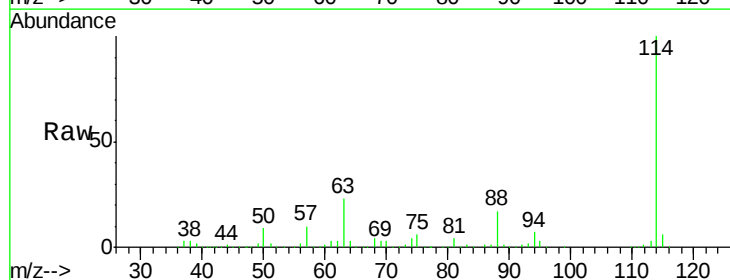
Tgt Ion: 114 Resp: 360336

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.4

88 16.5 0.0 33.2



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

200000

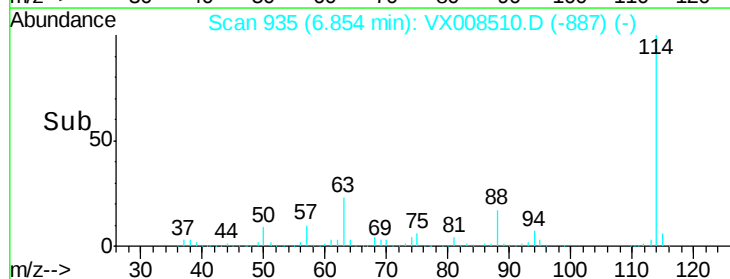
150000

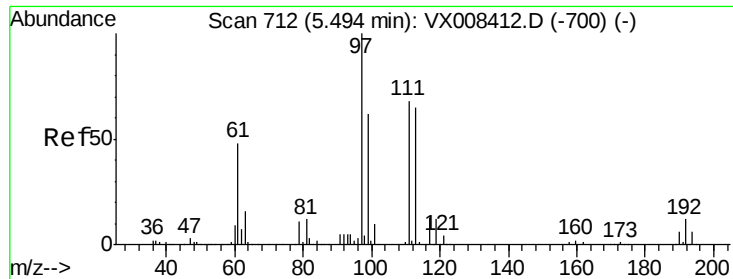
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.134 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008510.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-EQUIP.BLANK

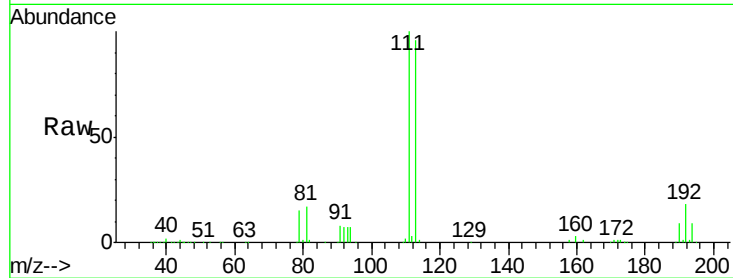
Tot Ion:113 Resp: 110745

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.4

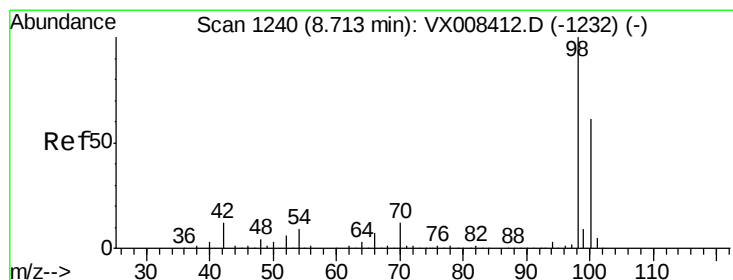
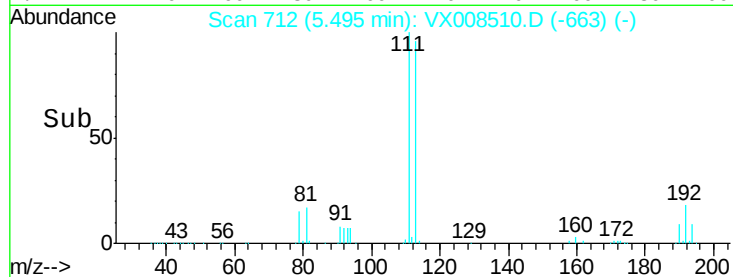
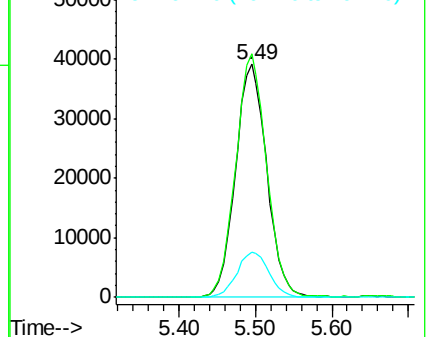
192 19.7 15.6 23.4



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: 47.840 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008510.D

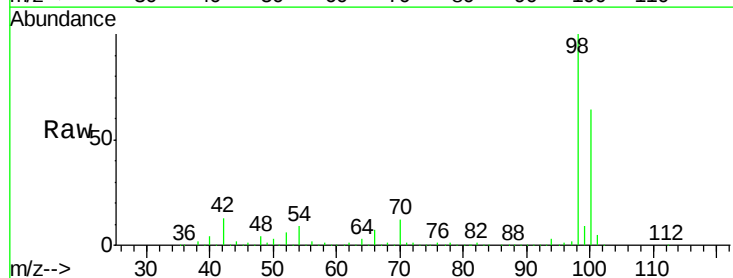
Acq: 28 Mar 2019 11:35

Tgt Ion: 98 Resp: 449454

Ion Ratio Lower Upper

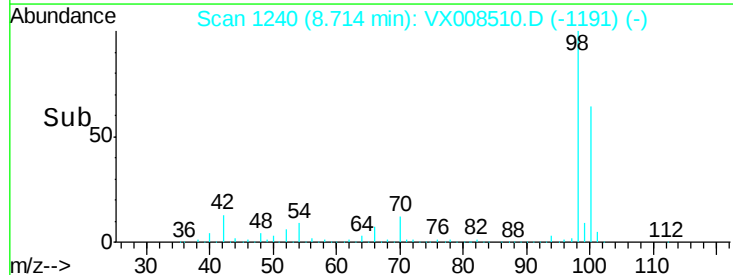
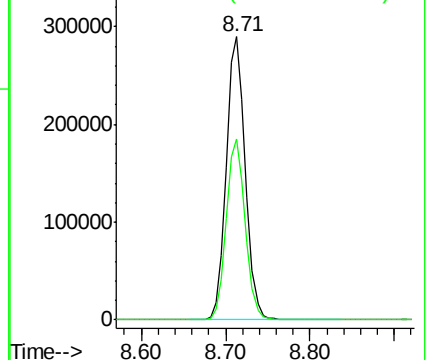
98 100

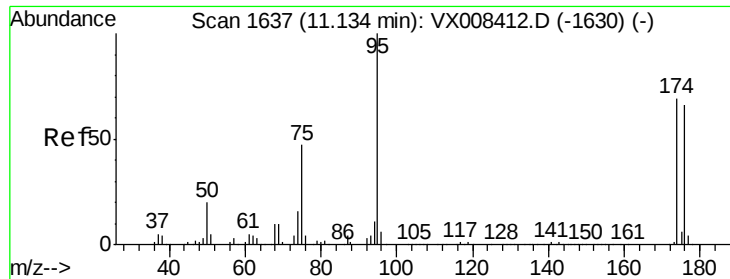
100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.568 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008510.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-EQUIP.BLANK

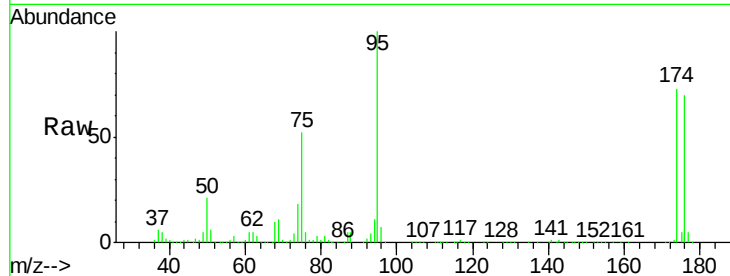
Tot Ion: 95 Resp: 151676

Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.2

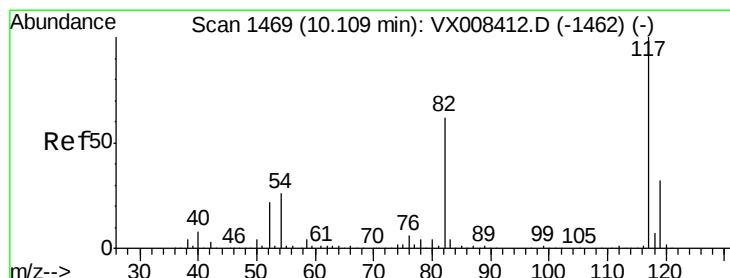
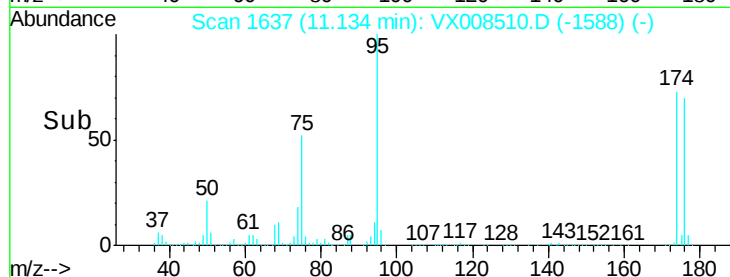
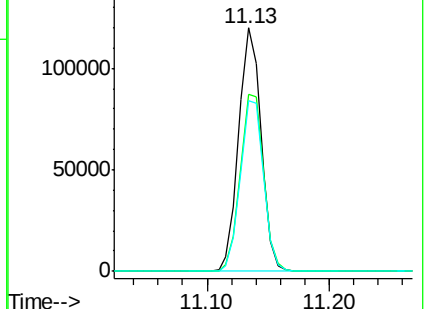
176 72.8 0.0 142.4



Abundance Ion 94.90 (94.60 to 95.60): VX008412.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008412.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008412.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008510.D

Acq: 28 Mar 2019 11:35

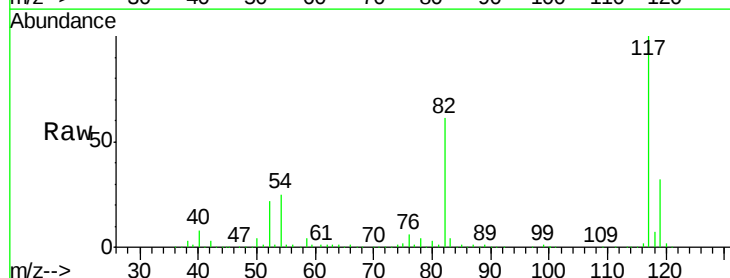
Tgt Ion: 117 Resp: 310636

Ion Ratio Lower Upper

117 100

82 60.5 49.4 74.2

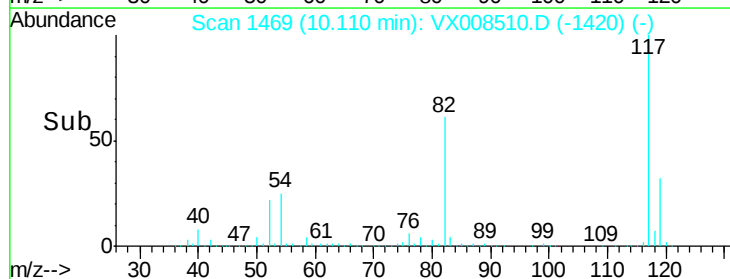
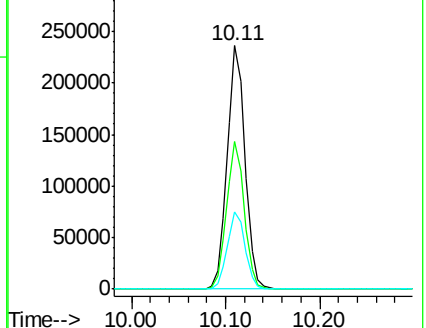
119 31.6 25.4 38.0

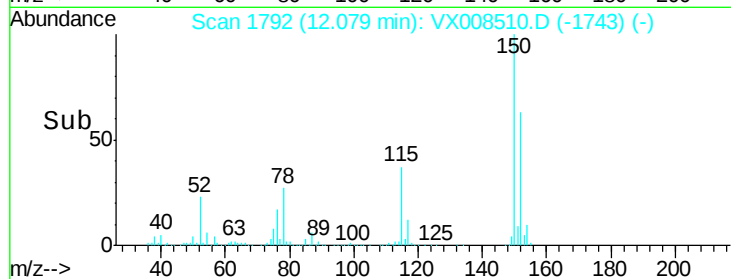
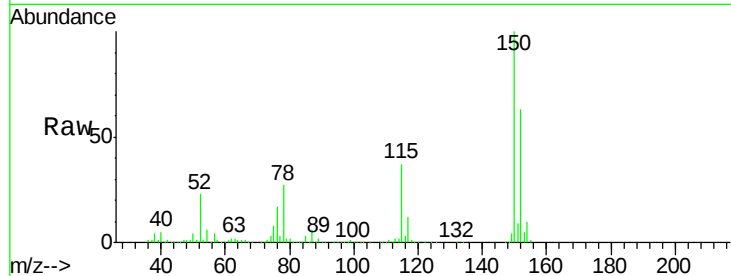
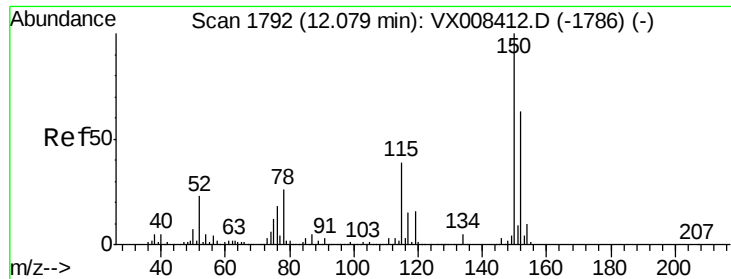


Abundance Ion 116.90 (116.60 to 117.60): VX008412.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008412.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008412.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008510.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-EQUIP.BLANK

Tot Ion:152 Resp: 129697

Ion Ratio Lower Upper

152 100

115 60.7 43.5 130.5

150 158.1 0.0 348.8

