

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032819\
 Data File : VX008515.D
 Acq On : 28 Mar 2019 13:31
 Operator : JC/SP
 Sample : K2115-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-TRIP-BLANK-1

Quant Time: Mar 29 02:11:13 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	234113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389761	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	340939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143353	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	163174	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	
35) Dibromofluoromethane	5.50	113	119516	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
50) Toluene-d8	8.71	98	491356	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.13	95	169040	44.89	ug/l	0.00
Spiked Amount			Recovery	=	89.78%	

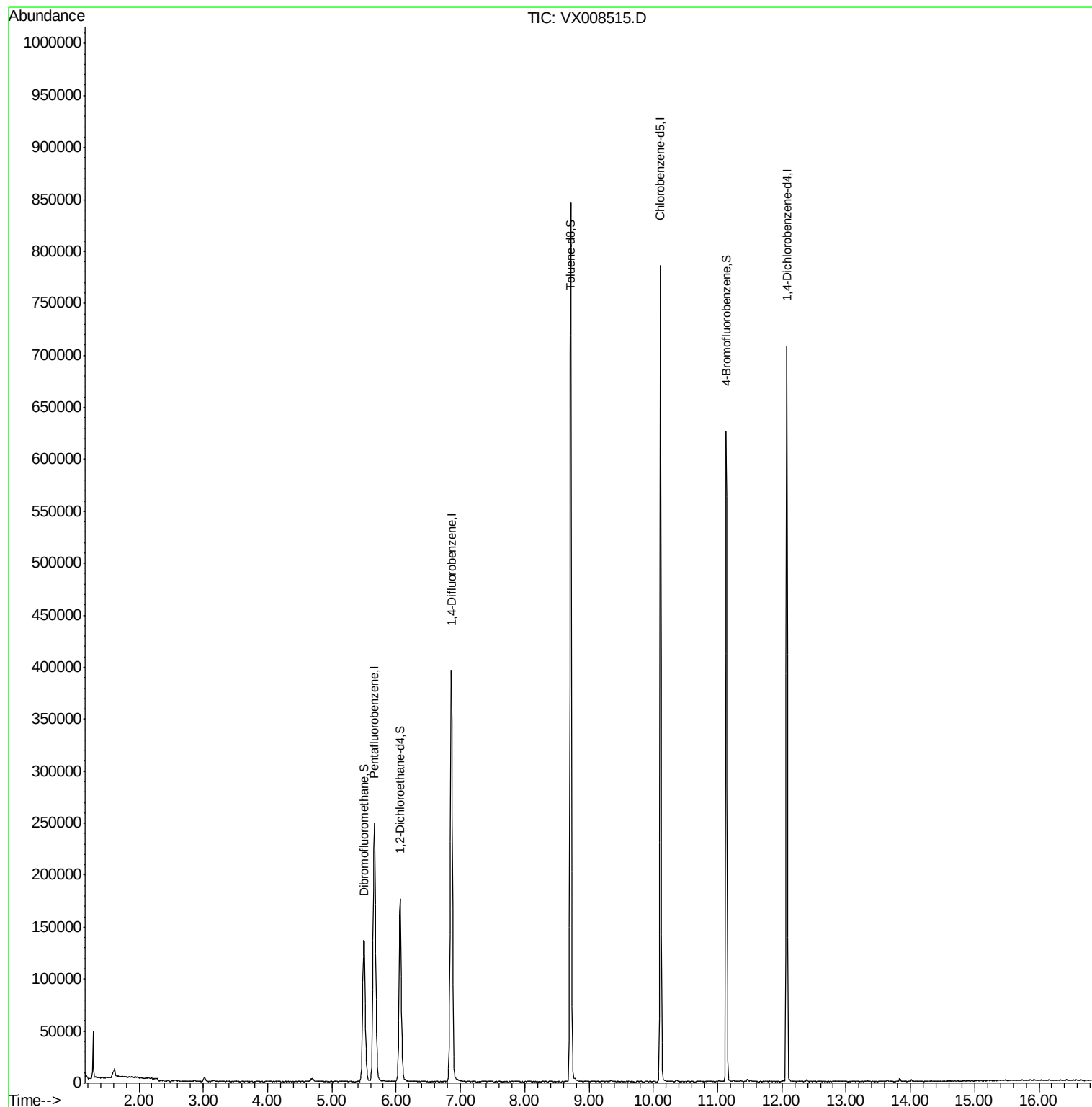
Target Compounds	Qvalue
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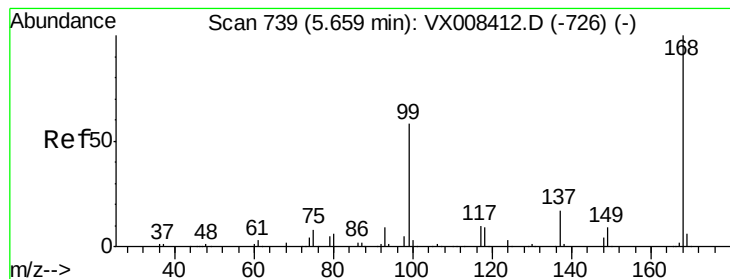
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008515.D

Acq: 28 Mar 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

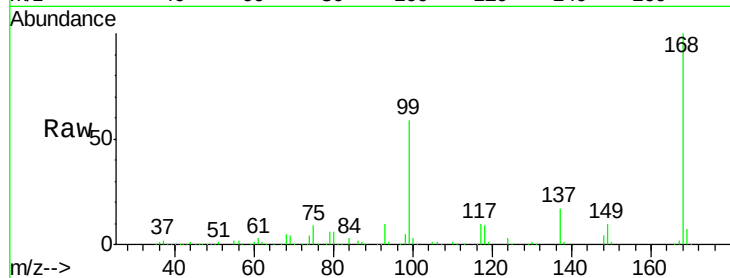
QNWP8-TRIP-BLANK-1

Tot Ion:168 Resp: 234113

Ion Ratio Lower Upper

168 100

99 59.4 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

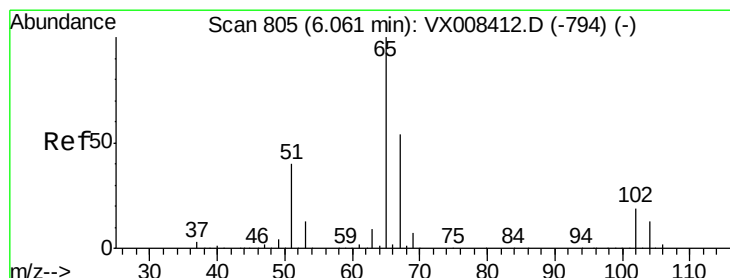
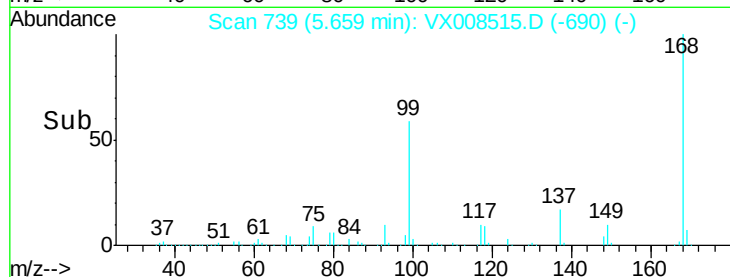
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.975 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008515.D

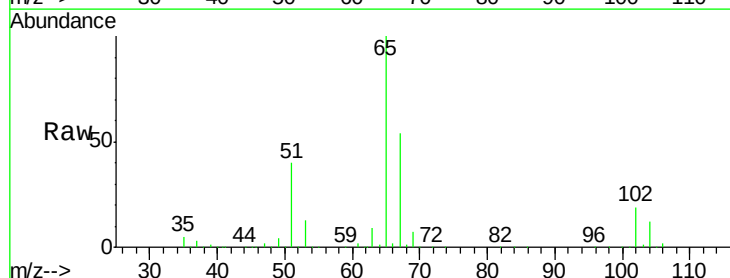
Acq: 28 Mar 2019 13:31

Tgt Ion: 65 Resp: 163174

Ion Ratio Lower Upper

65 100

67 53.2 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

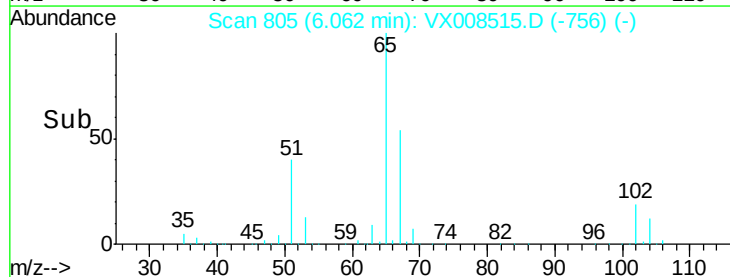
60000

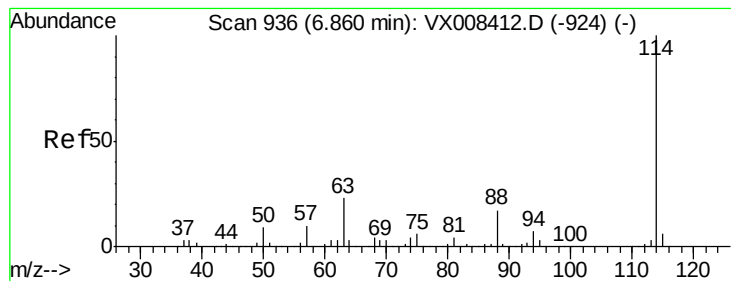
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008515.D

Acq: 28 Mar 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-TRIP-BLANK-1

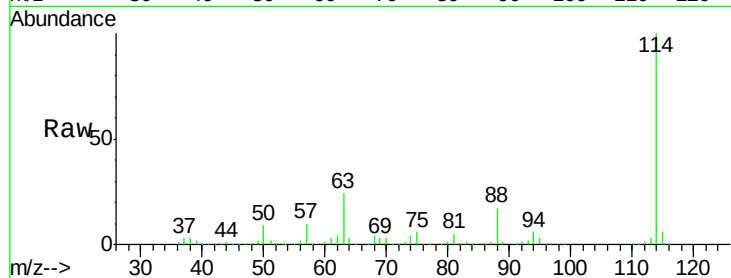
Tot Ion:114 Resp: 389761

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.4

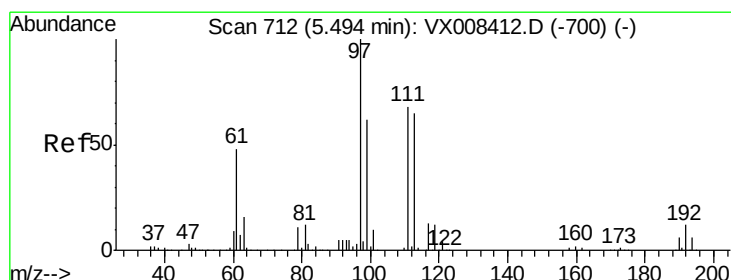
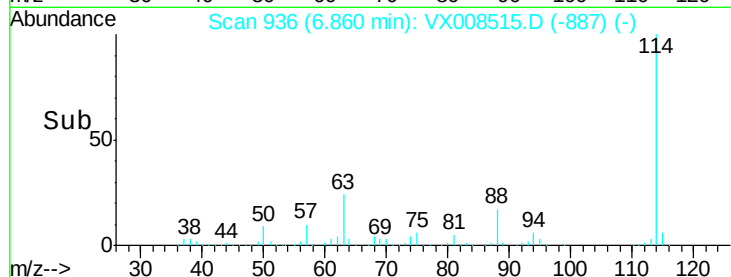
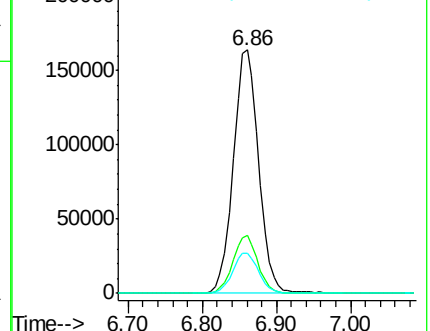
88 16.6 0.0 33.2



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



#35

Dibromofluoromethane

Concen: 47.027 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008515.D

Acq: 28 Mar 2019 13:31

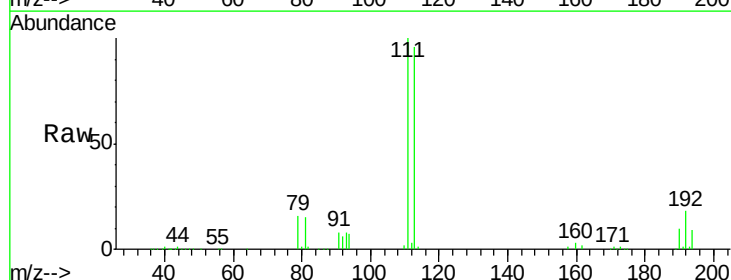
Tgt Ion:113 Resp: 119516

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

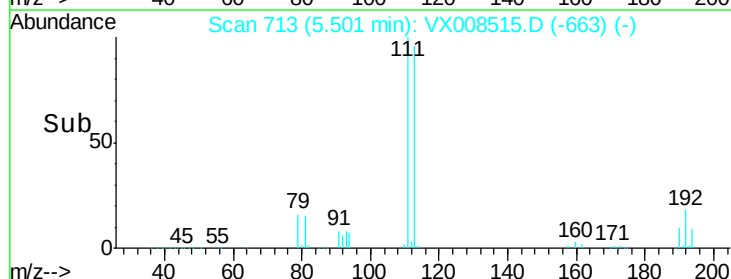
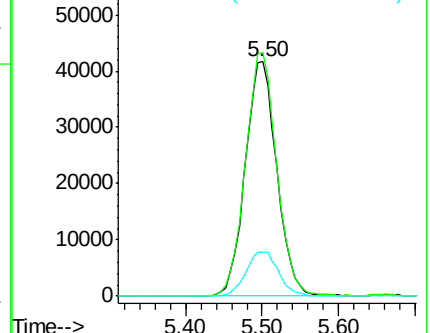
192 19.6 15.6 23.4

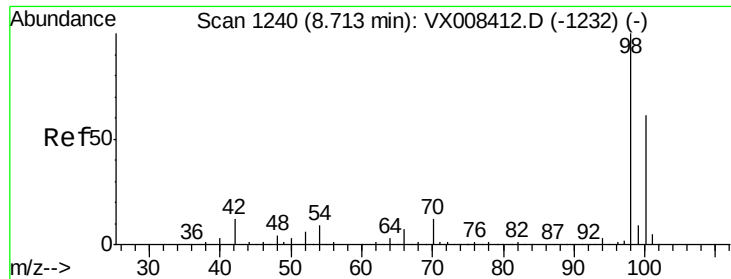


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.352 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008515.D

Acq: 28 Mar 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

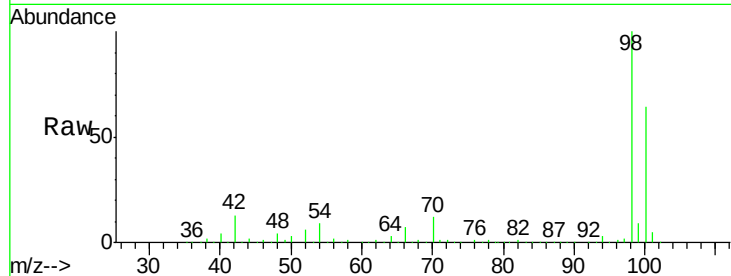
QNWP8-TRIP-BLANK-1

Tot Ion: 98 Resp: 491356

Ion Ratio Lower Upper

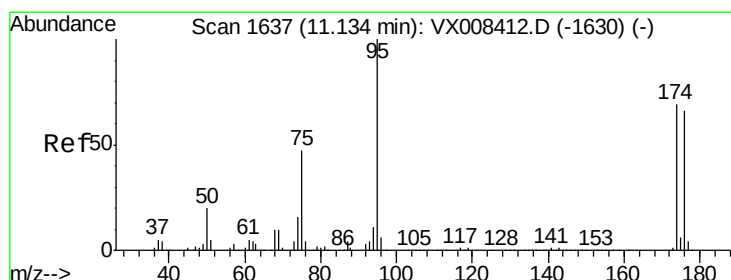
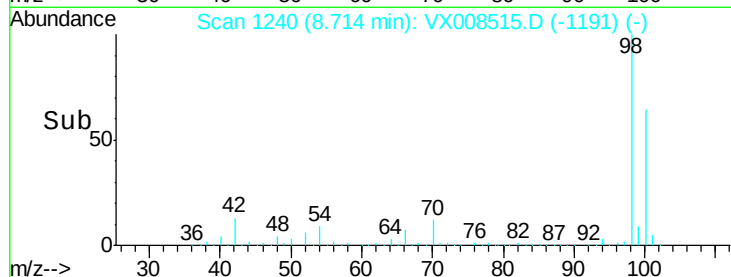
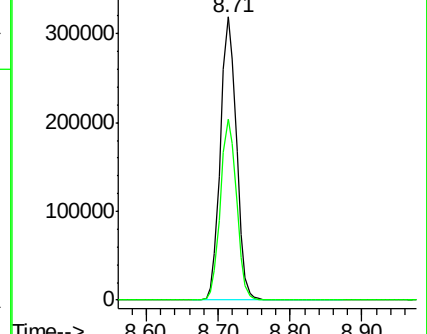
98 100

100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.889 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008515.D

Acq: 28 Mar 2019 13:31

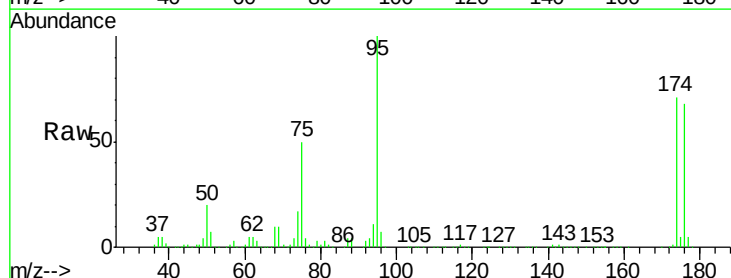
Tgt Ion: 95 Resp: 169040

Ion Ratio Lower Upper

95 100

174 74.9 0.0 147.2

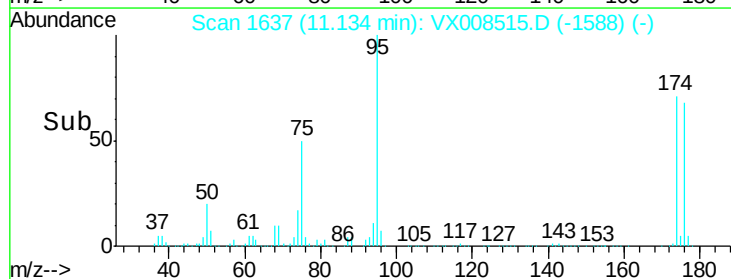
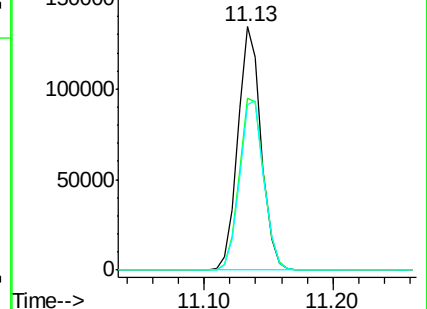
176 72.4 0.0 142.4

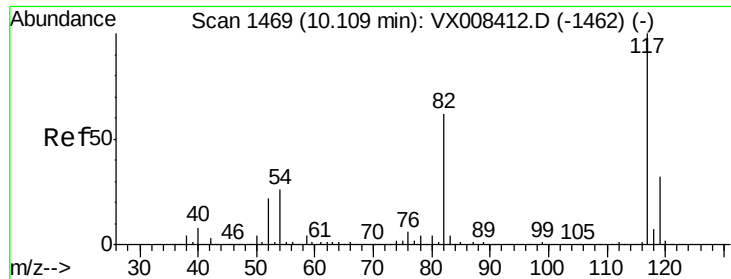


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

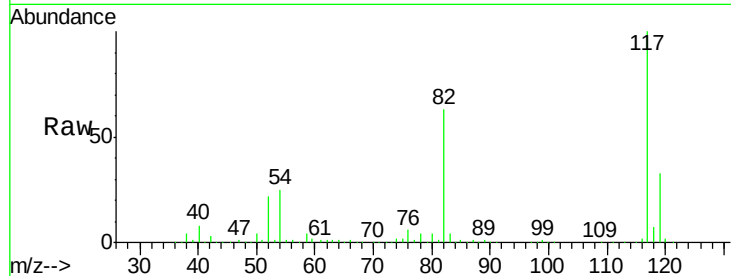




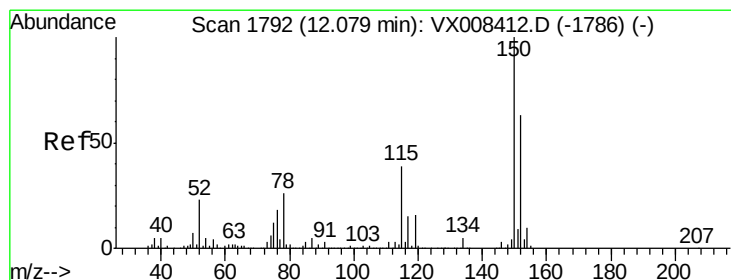
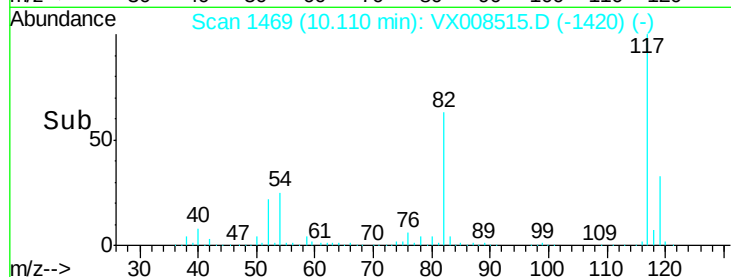
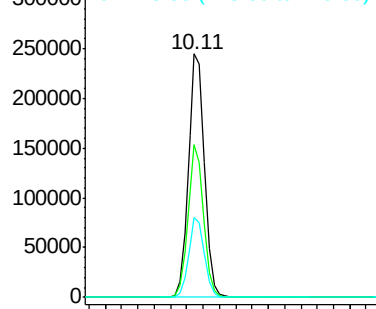
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008515.D
Acq: 28 Mar 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-TRIP-BLANK-1

Tot Ion:117 Resp: 340939
Ion Ratio Lower Upper
117 100
82 62.6 49.4 74.2
119 32.6 25.4 38.0

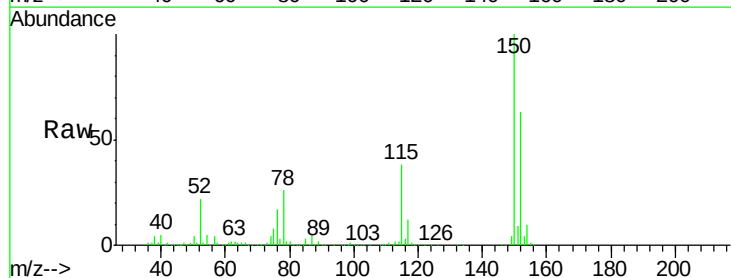


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008515.D
Acq: 28 Mar 2019 13:31

Tgt Ion:152 Resp: 143353
Ion Ratio Lower Upper
152 100
115 61.1 43.5 130.5
150 158.2 0.0 348.8



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

