

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
 Data File : VX008903.D
 Acq On : 12 Apr 2019 22:31
 Operator : JC/SP
 Sample : VX0412WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBL02

Quant Time: Apr 13 06:20:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	187588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300157	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110629	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	124050	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
35) Dibromofluoromethane	5.50	113	89388	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
50) Toluene-d8	8.71	98	376809	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.13	95	125740	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	

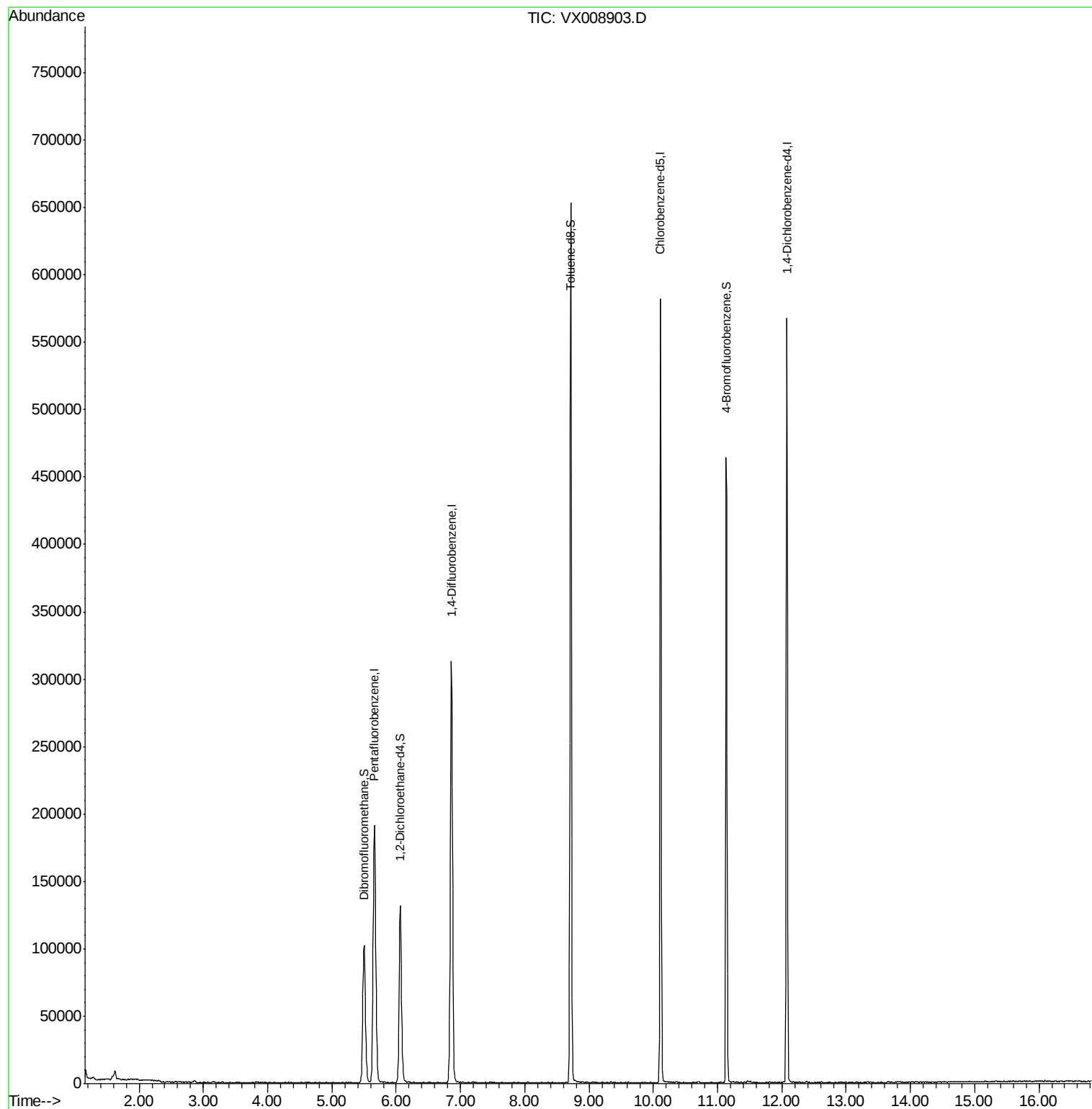
Target Compounds	Qvalue
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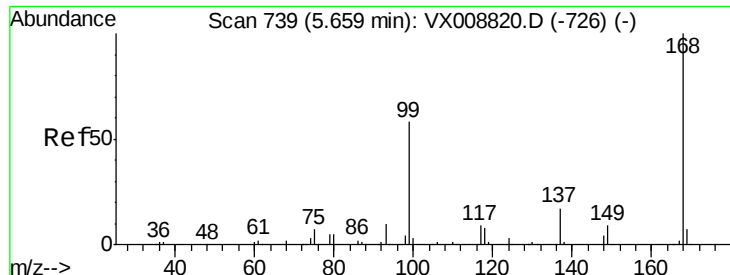
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :
VX0412WBL02

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008903.D

Acq: 12 Apr 2019 22:31

Instrument :

MSVOA_X

ClientSampleId :

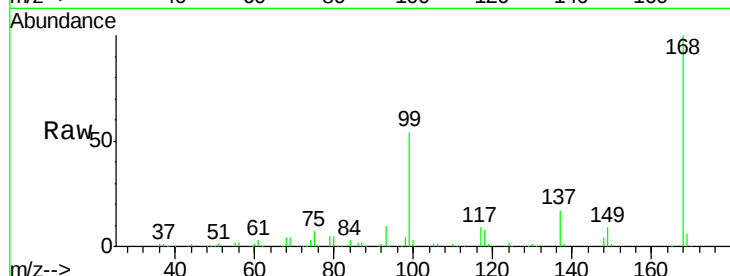
VX0412WBL02

Tgt Ion:168 Resp: 187588

Ion Ratio Lower Upper

168 100

99 54.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

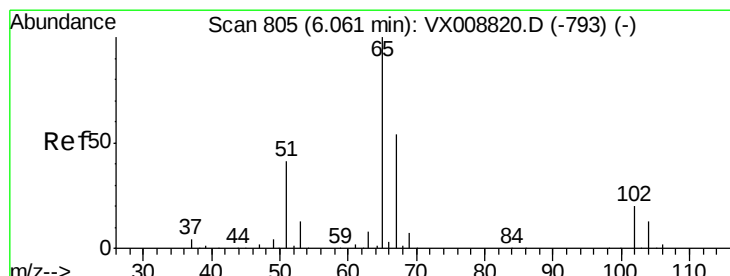
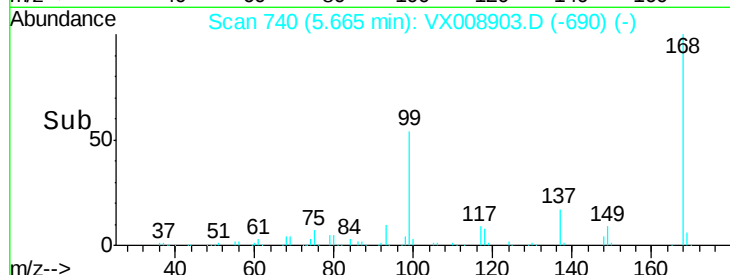
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 45.339 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008903.D

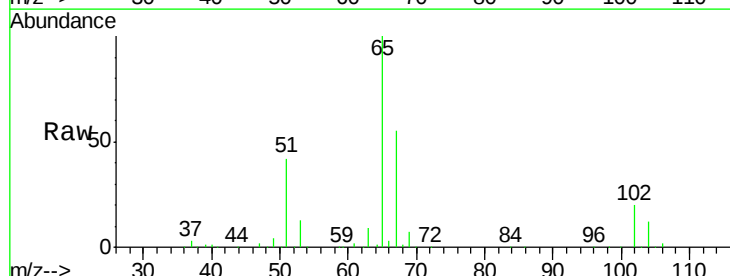
Acq: 12 Apr 2019 22:31

Tgt Ion: 65 Resp: 124050

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

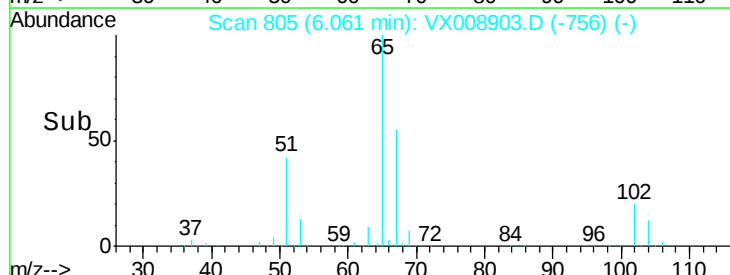
20000

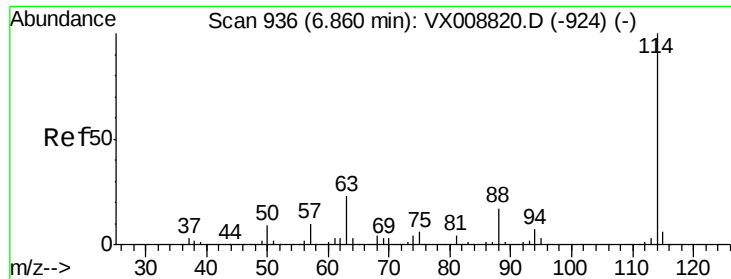
10000

0

Time-->

6.00 6.10 6.20

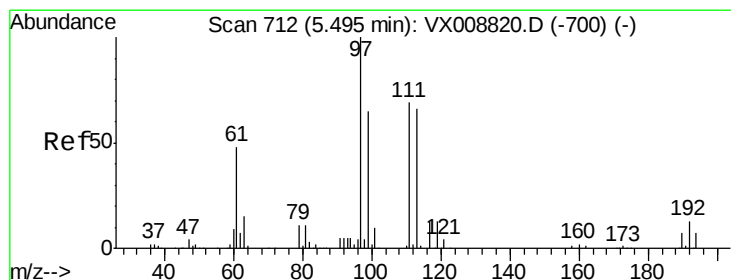
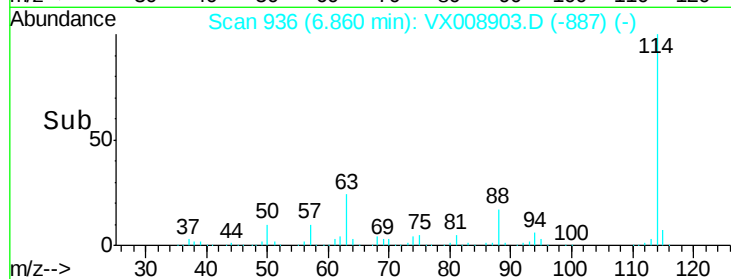
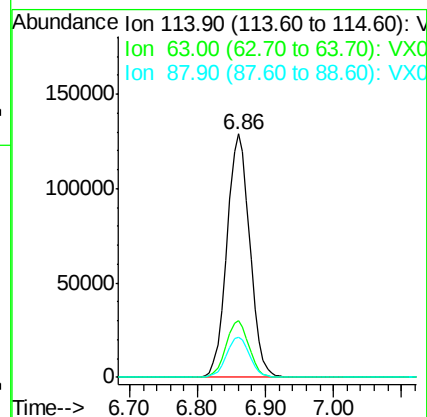
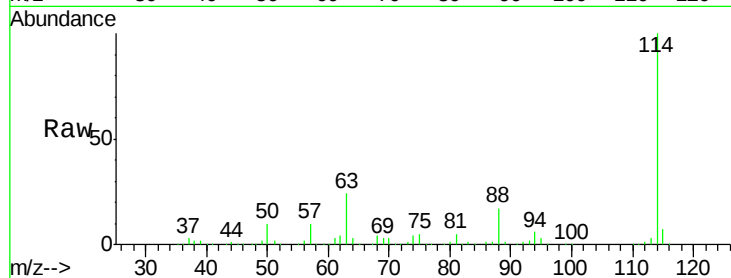




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008903.D
 Acq: 12 Apr 2019 22:31

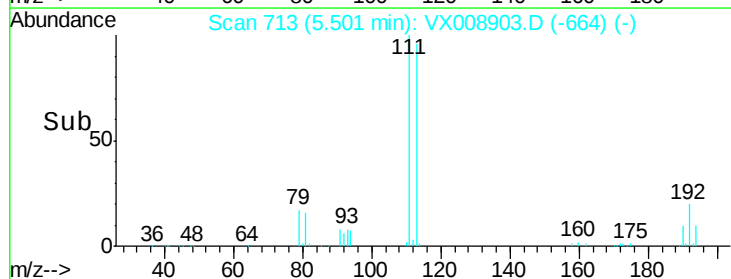
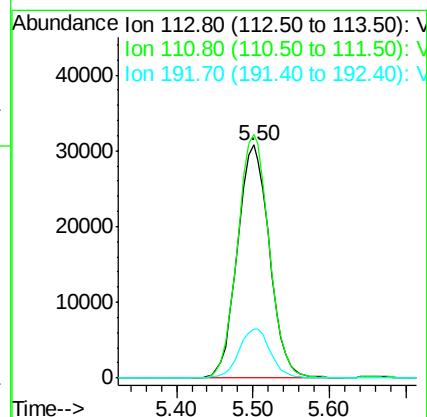
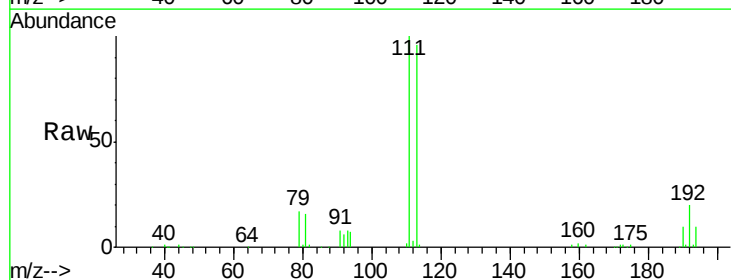
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBL02

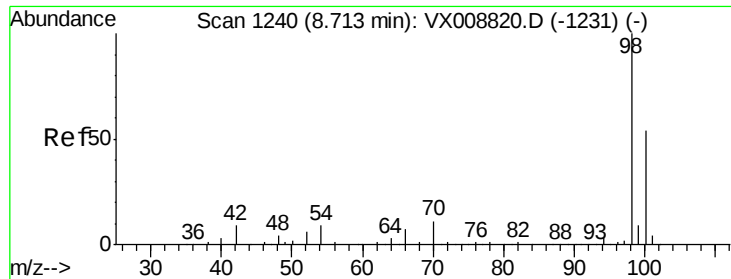
Tgt Ion:114 Resp: 300157
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 47.2
 88 16.7 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 46.578 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008903.D
 Acq: 12 Apr 2019 22:31

Tgt Ion:113 Resp: 89388
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.4 125.2
 192 20.6 16.1 24.1





#50

Toluene-d8

Concen: 49.312 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008903.D

Acq: 12 Apr 2019 22:31

Instrument :

MSVOA_X

ClientSampleId :

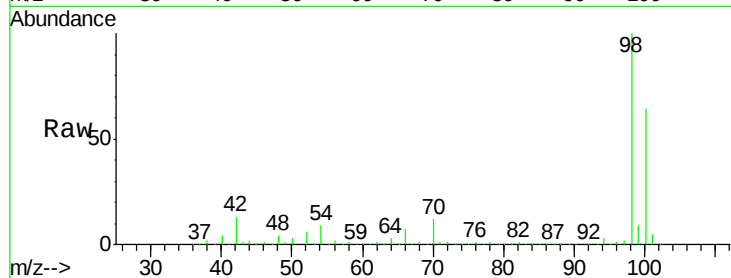
VX0412WBL02

Tgt Ion: 98 Resp: 376809

Ion Ratio Lower Upper

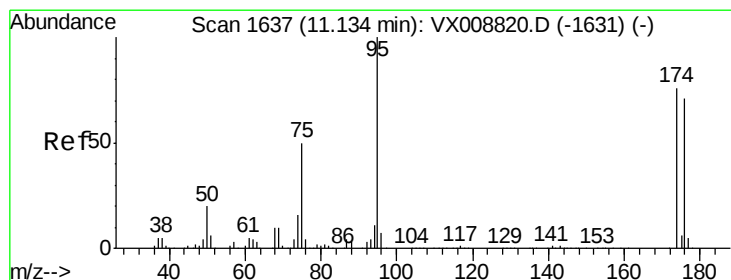
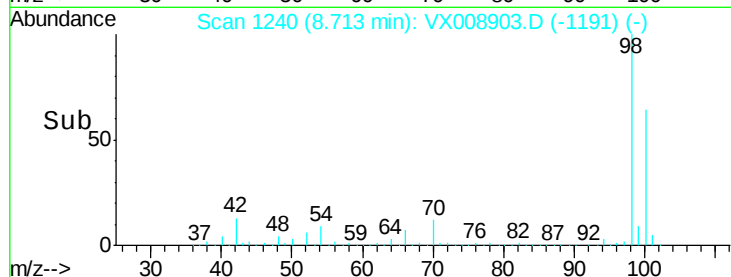
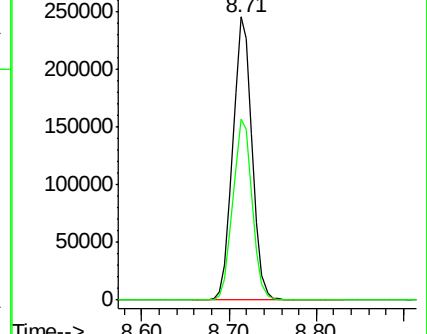
98 100

100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.403 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008903.D

Acq: 12 Apr 2019 22:31

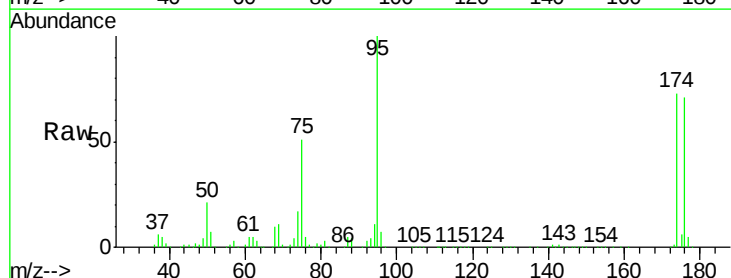
Tgt Ion: 95 Resp: 125740

Ion Ratio Lower Upper

95 100

174 78.2 0.0 151.8

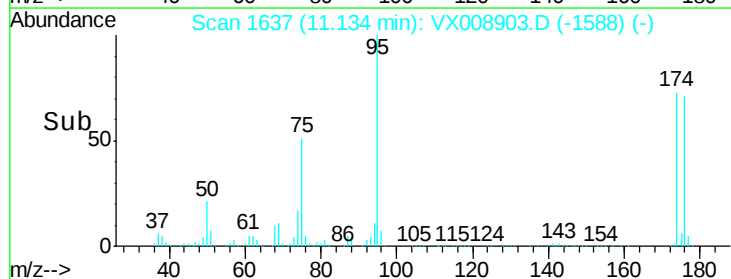
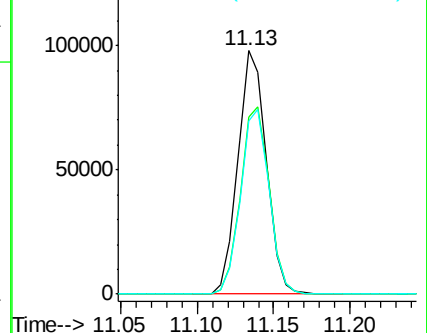
176 76.5 0.0 145.8

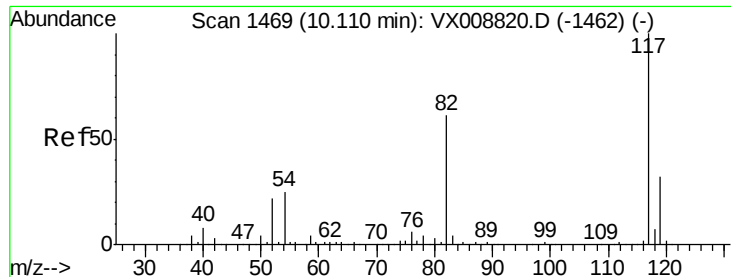


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

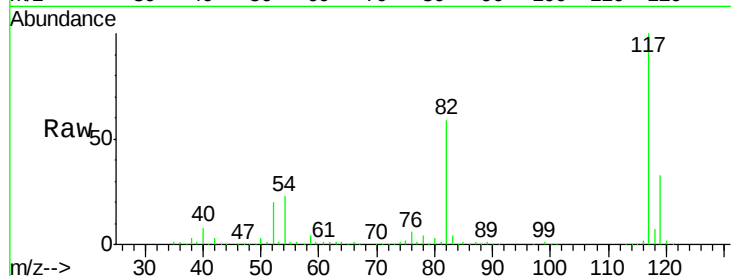




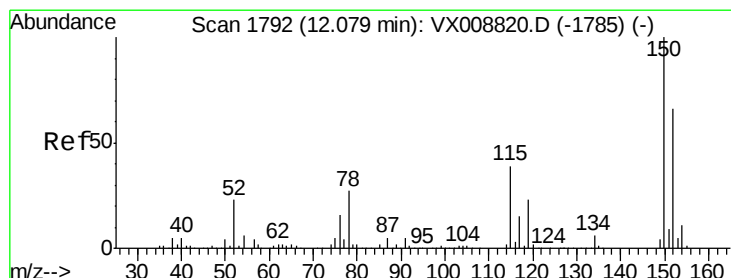
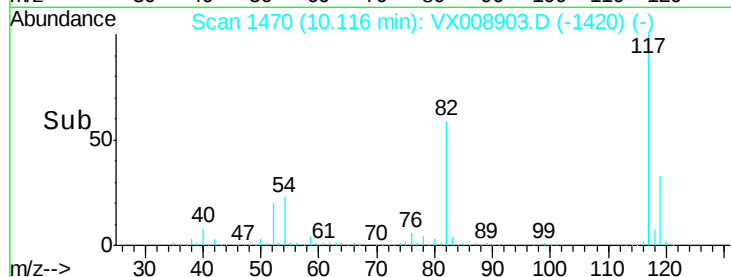
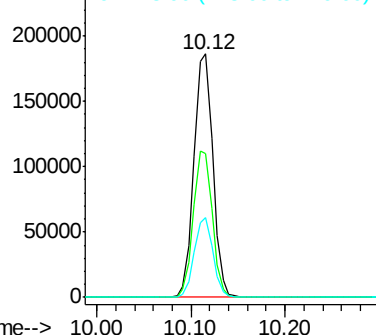
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008903.D
Acq: 12 Apr 2019 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBL02

Tgt Ion:117 Resp: 260889
Ion Ratio Lower Upper
117 100
82 58.9 49.6 74.4
119 33.0 25.0 37.4

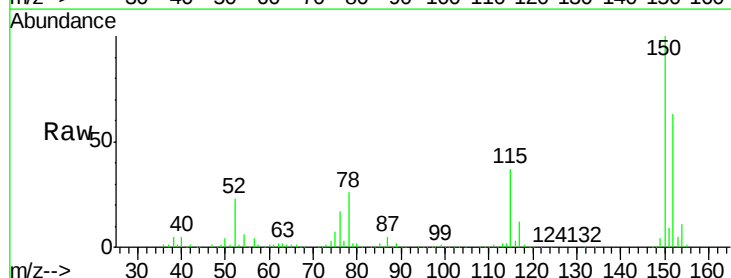


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008903.D
Acq: 12 Apr 2019 22:31

Tgt Ion:152 Resp: 110629
Ion Ratio Lower Upper
152 100
115 59.5 43.5 130.5
150 159.6 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

