

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042219\
 Data File : VX009085.D
 Acq On : 22 Apr 2019 10:33
 Operator : JC/SP
 Sample : VX0422WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBL01

Quant Time: Apr 23 03:23:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	256053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	411615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	353406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151342	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	168897	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
35) Dibromofluoromethane	5.49	113	125831	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	8.71	98	510421	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.13	95	168841	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	

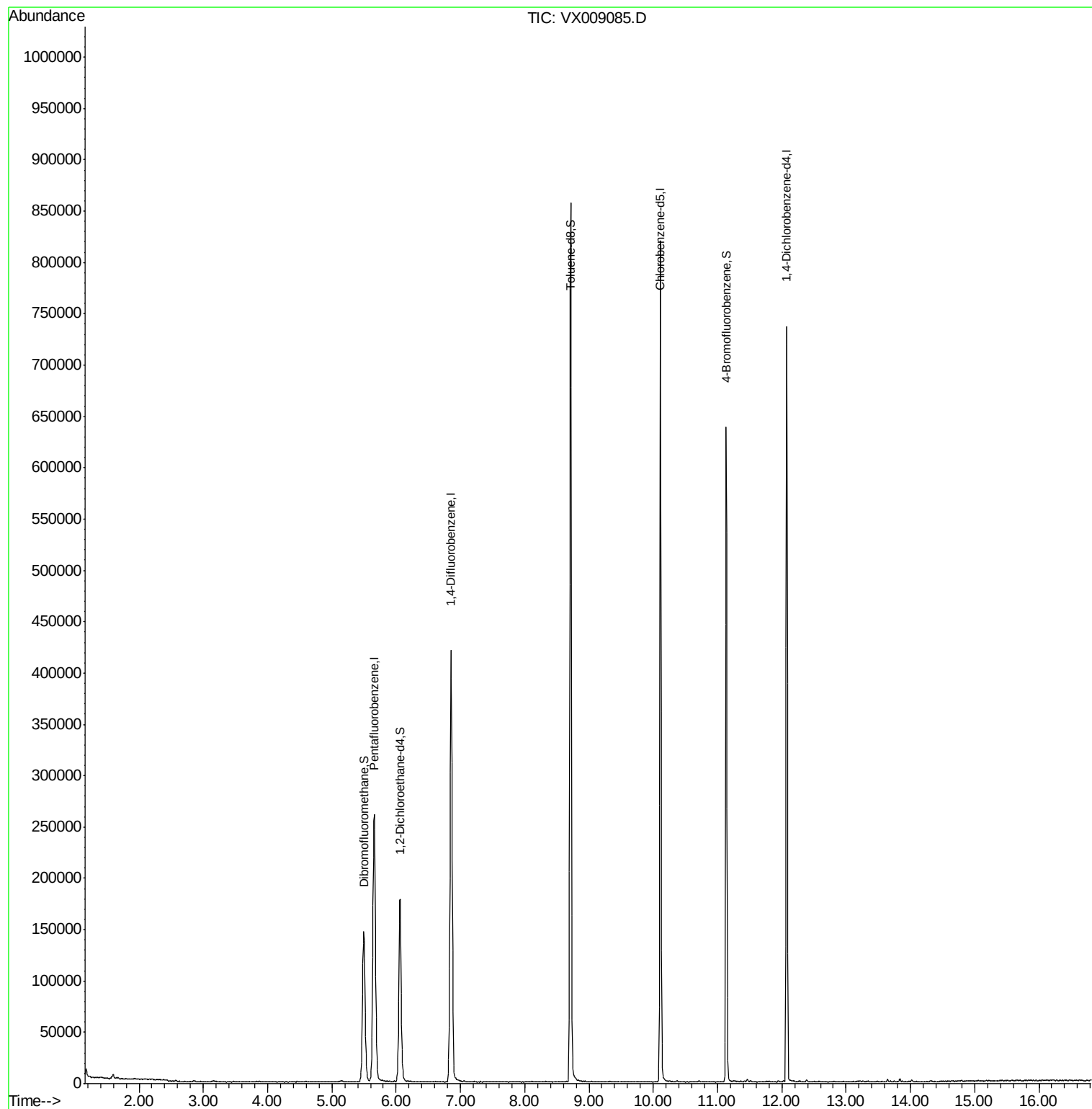
Target Compounds	Qvalue
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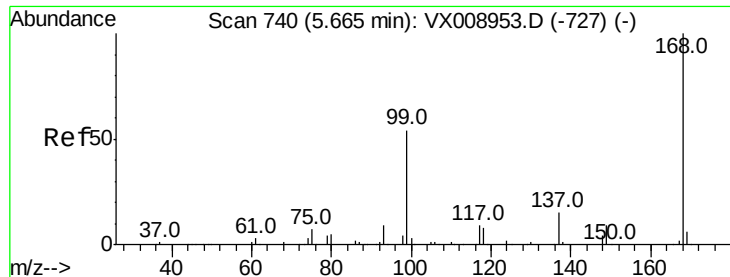
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009085.D

Acq: 22 Apr 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

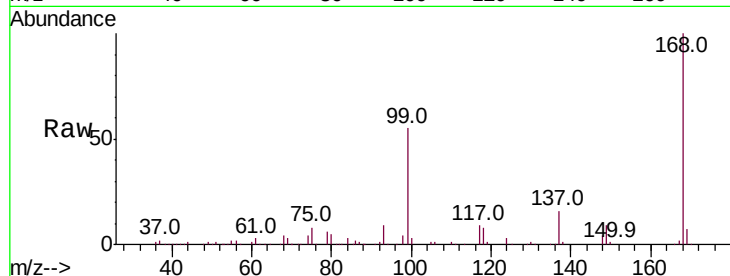
VX0422WBL01

Tot Ion:168 Resp: 256053

Ion Ratio Lower Upper

168 100

99 55.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

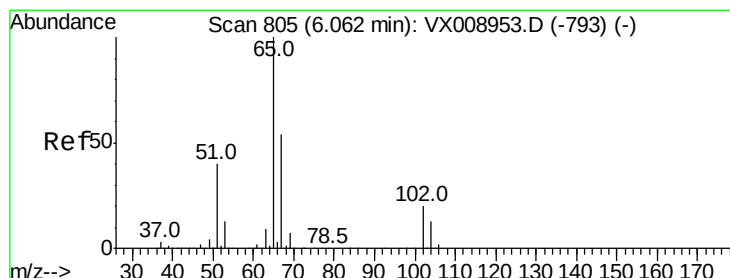
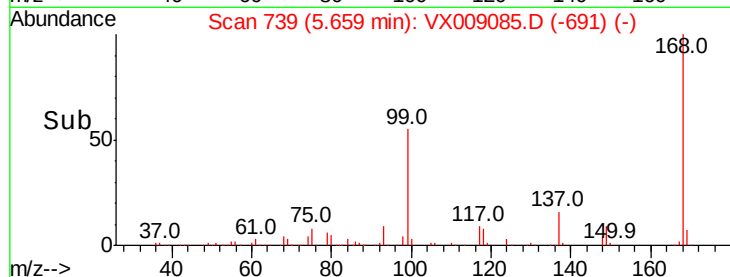
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.805 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009085.D

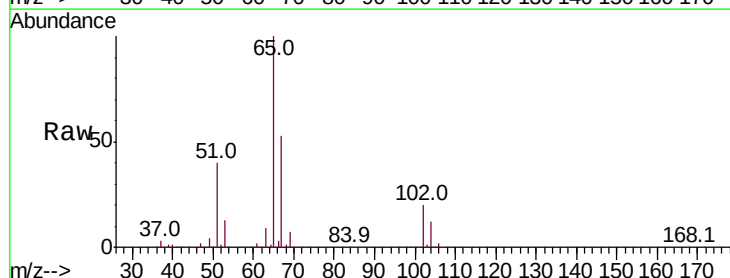
Acq: 22 Apr 2019 10:33

Tgt Ion: 65 Resp: 168897

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

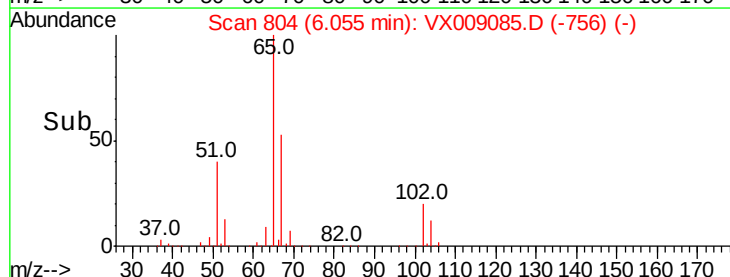
40000

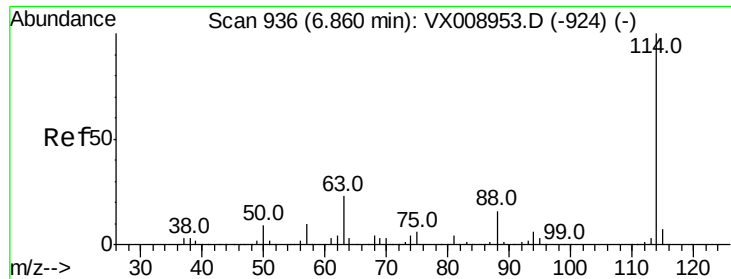
20000

0

Time-->

6.00 6.10 6.20

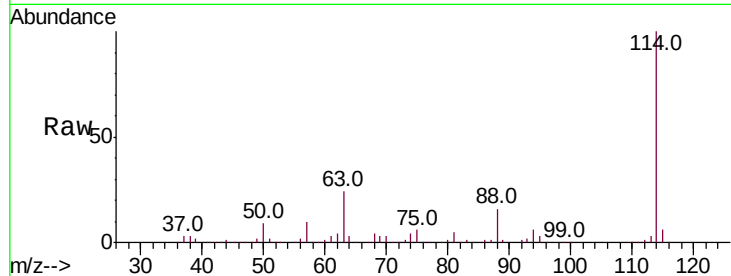




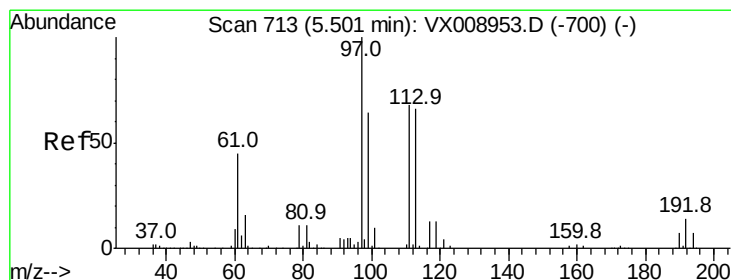
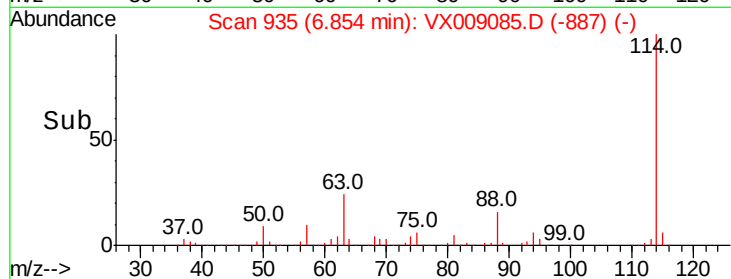
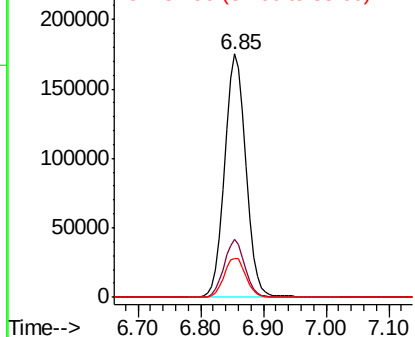
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009085.D
 Acq: 22 Apr 2019 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBL01

Tot Ion:114 Resp: 411615
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.0
 88 16.1 0.0 32.6

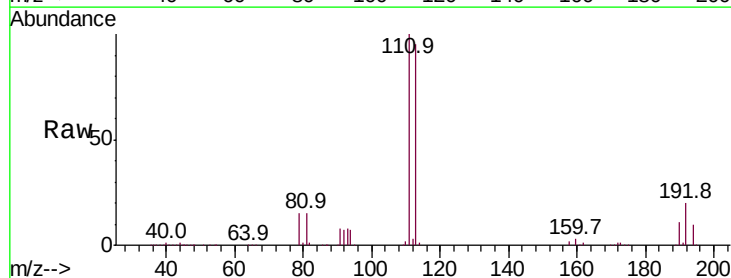


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

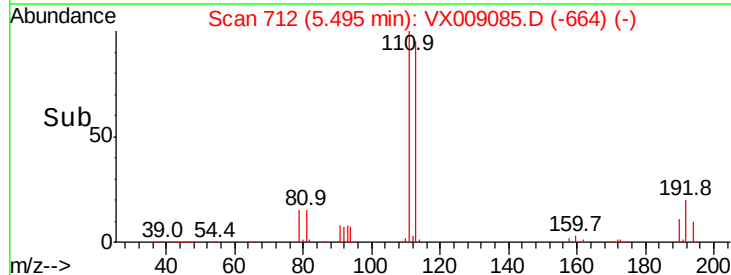
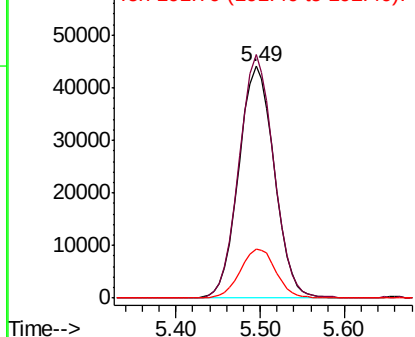


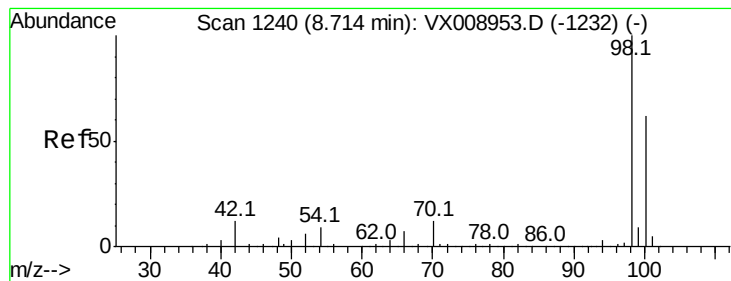
#35
 Dibromofluoromethane
 Concen: 47.634 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX009085.D
 Acq: 22 Apr 2019 10:33

Tgt Ion:113 Resp: 125831
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 21.3 17.4 26.0



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





#50

Toluene-d8

Concen: 48.450 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009085.D

Acq: 22 Apr 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

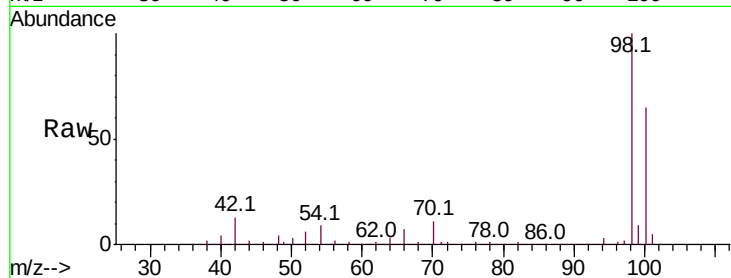
VX0422WBL01

Tot Ion: 98 Resp: 510421

Ion Ratio Lower Upper

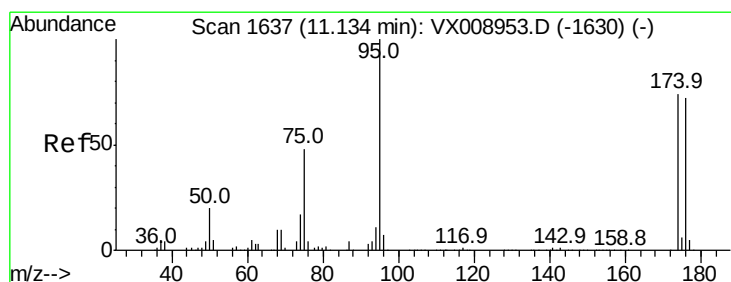
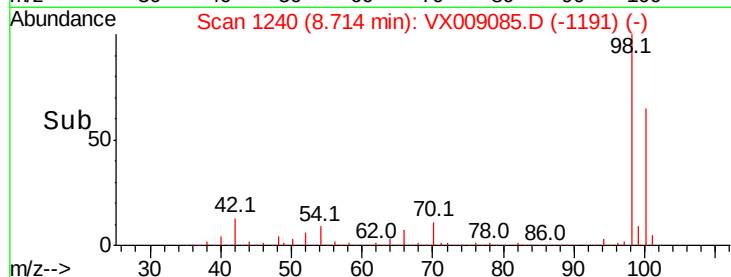
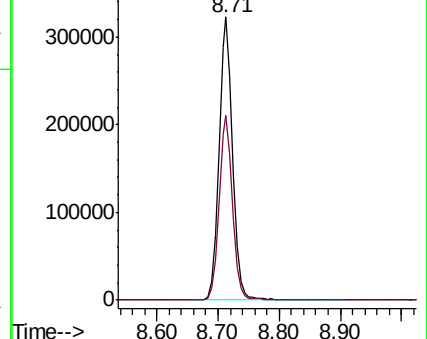
98 100

100 65.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.401 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009085.D

Acq: 22 Apr 2019 10:33

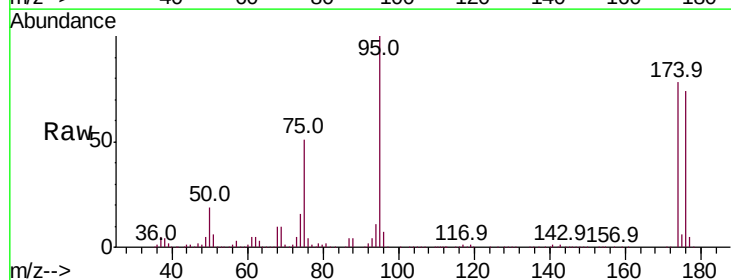
Tgt Ion: 95 Resp: 168841

Ion Ratio Lower Upper

95 100

174 79.7 0.0 159.6

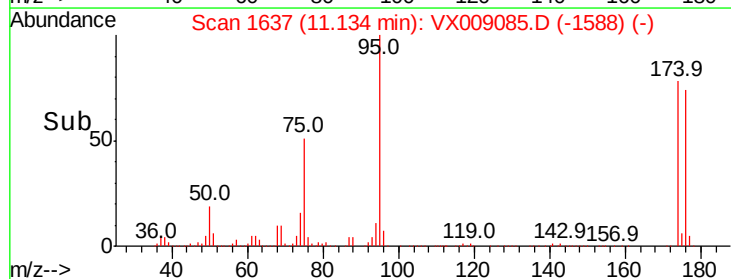
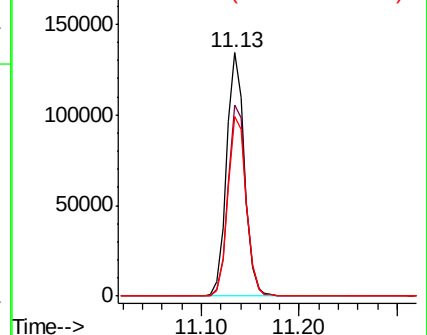
176 75.8 0.0 154.8

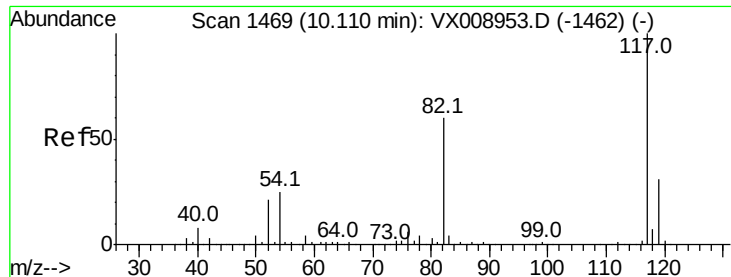


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009085.D

Acq: 22 Apr 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBL01

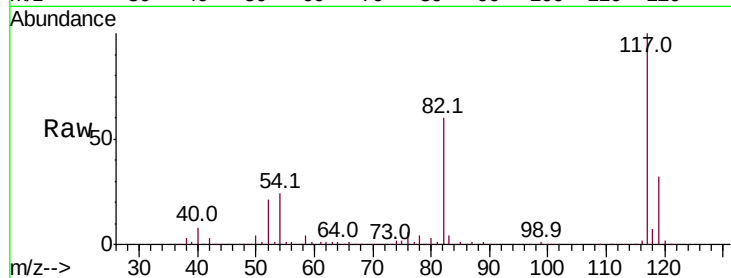
Tot Ion:117 Resp: 353406

Ion Ratio Lower Upper

117 100

82 59.9 48.2 72.4

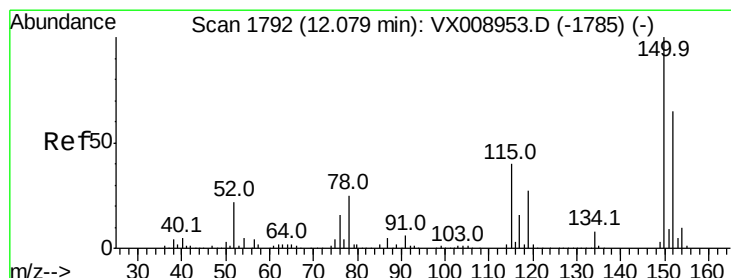
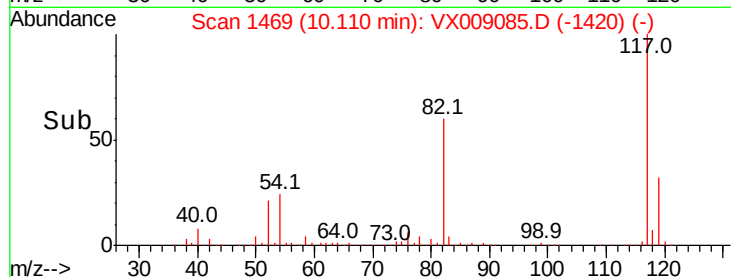
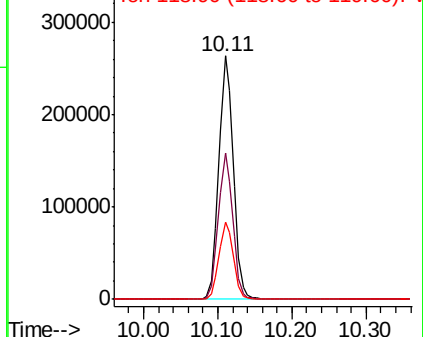
119 31.8 25.0 37.6



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: VX009085.D

Acq: 22 Apr 2019 10:33

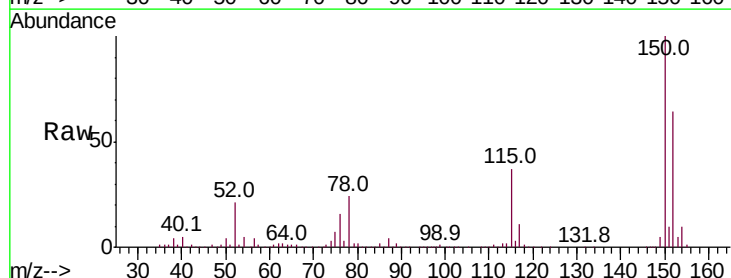
Tgt Ion:152 Resp: 151342

Ion Ratio Lower Upper

152 100

115 59.5 41.4 124.2

150 156.5 0.0 349.8



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

