

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052419\
 Data File : VX009877.D
 Acq On : 24 May 2019 11:30
 Operator : JC/SP
 Sample : VX0524MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBL01

Quant Time: May 24 12:39:38 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	274293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98304	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117204	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	5.50	113	84516	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	8.71	98	344655	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	111397	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	

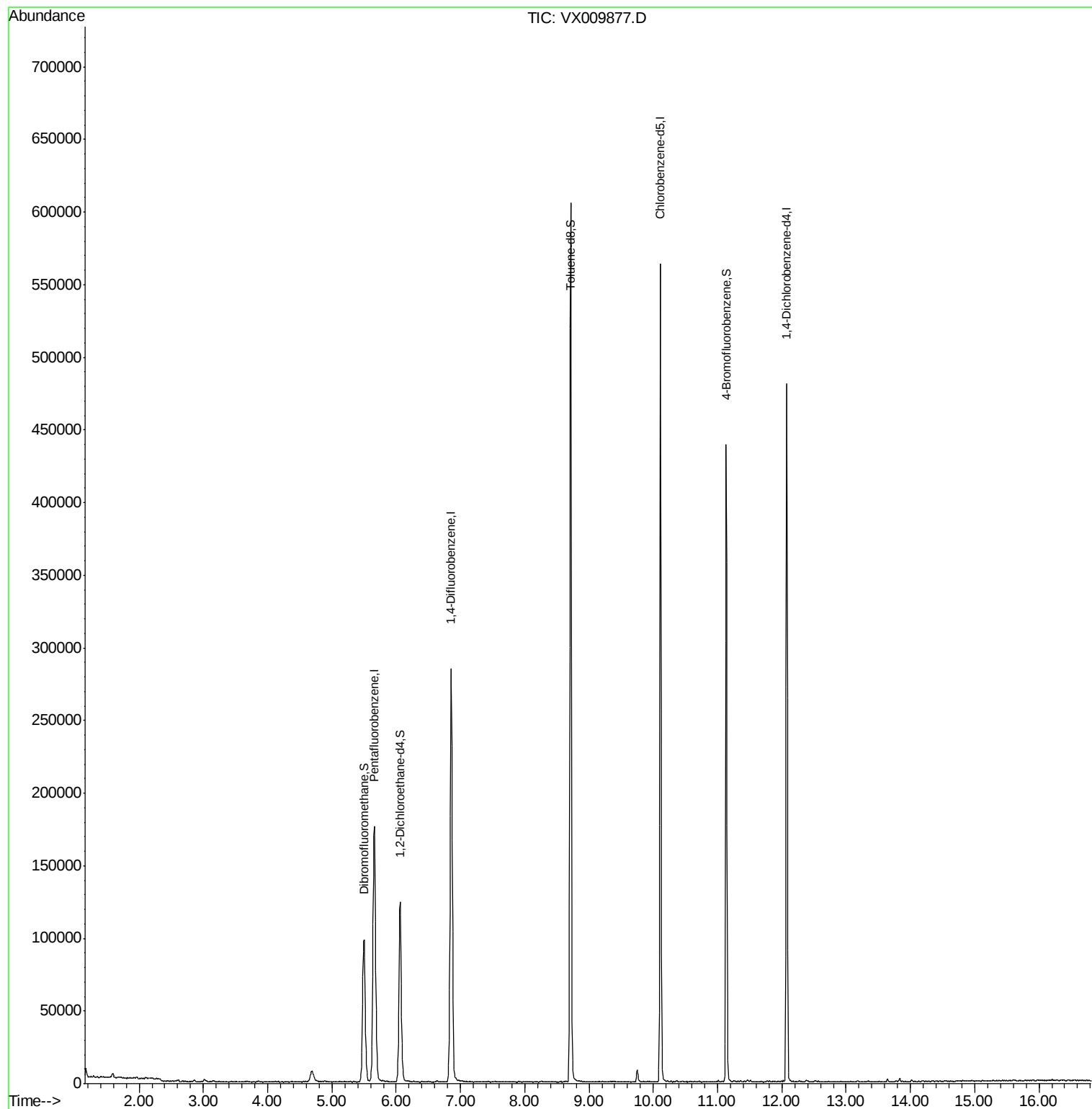
Target Compounds	Qvalue

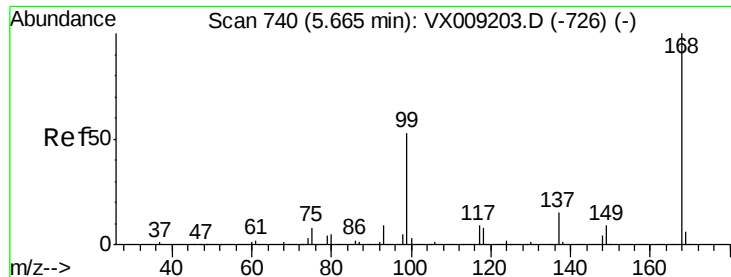
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009877.D

Acq: 24 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

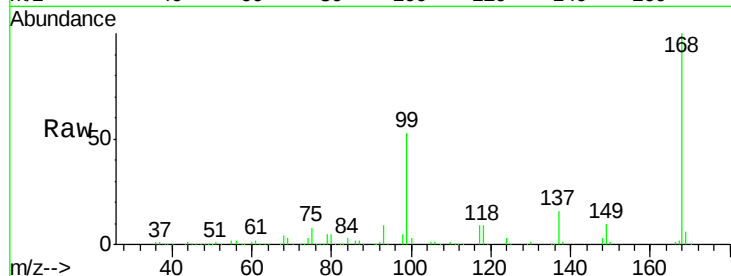
VX0524MBL01

Tot Ion:168 Resp: 171269

Ion Ratio Lower Upper

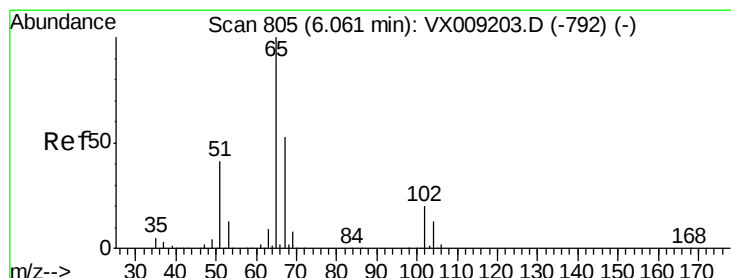
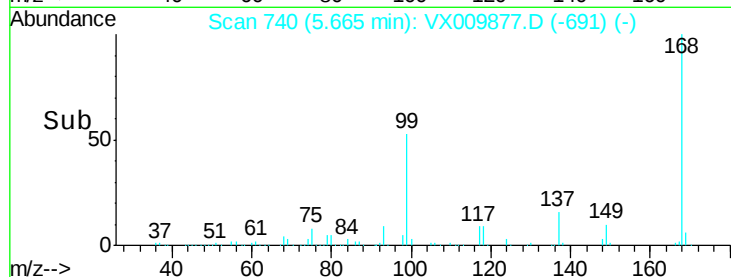
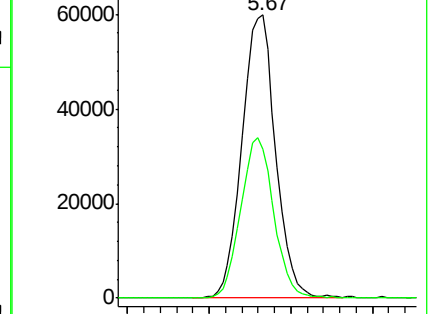
168 100

99 52.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.129 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009877.D

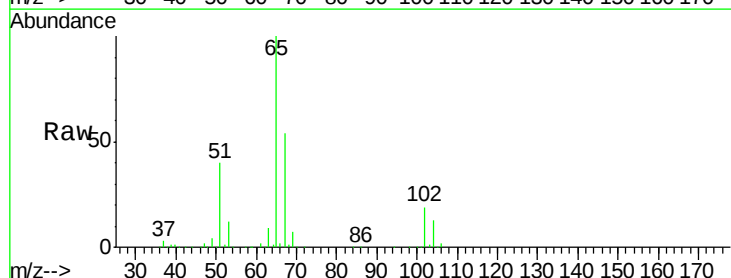
Acq: 24 May 2019 11:30

Tgt Ion: 65 Resp: 117204

Ion Ratio Lower Upper

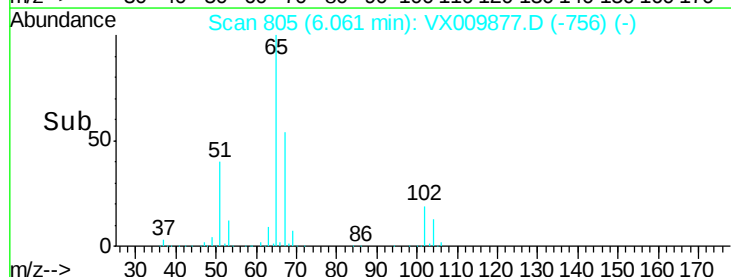
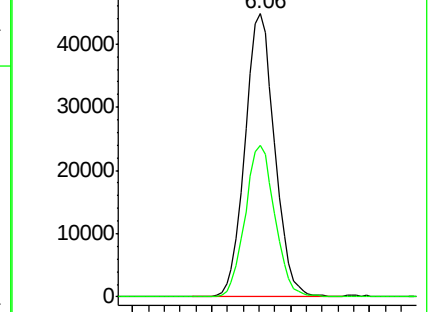
65 100

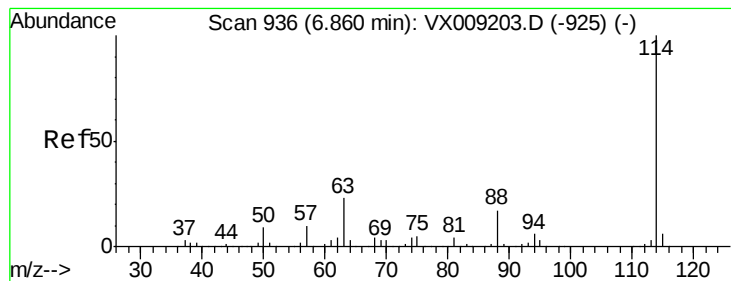
67 53.5 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009877.D

Acq: 24 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0524MBL01

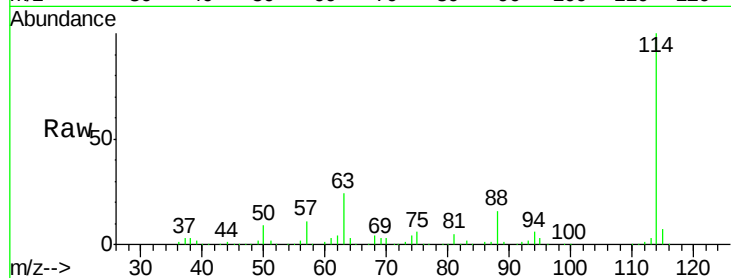
Tot Ion:114 Resp: 274293

Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.6

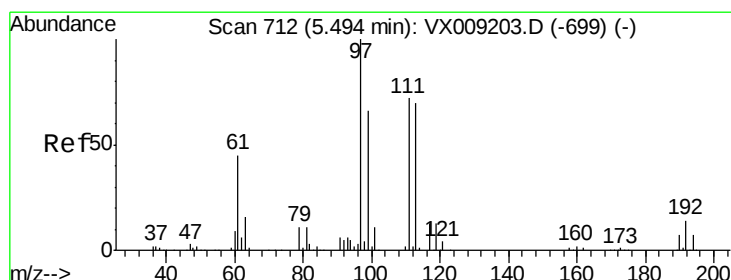
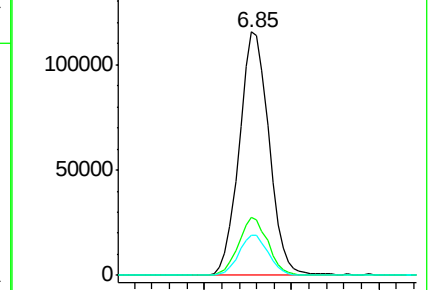
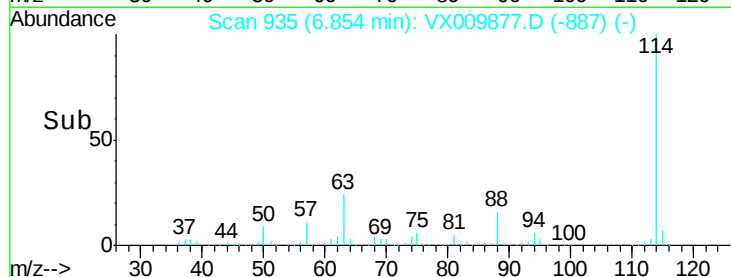
88 16.3 0.0 33.2



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: 49.014 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009877.D

Acq: 24 May 2019 11:30

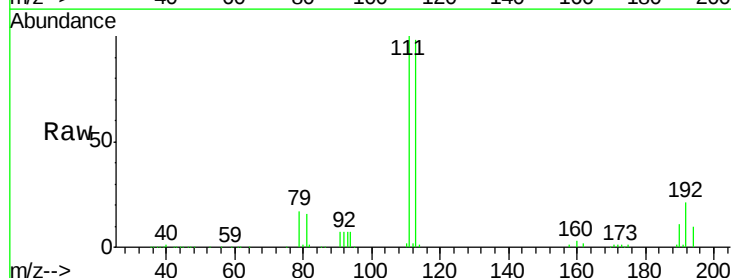
Tgt Ion:113 Resp: 84516

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

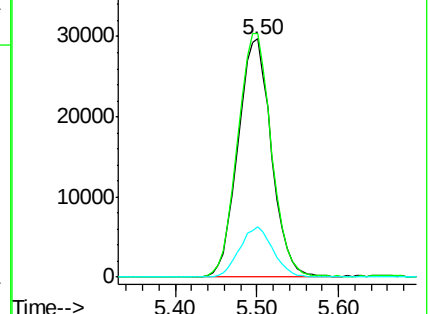
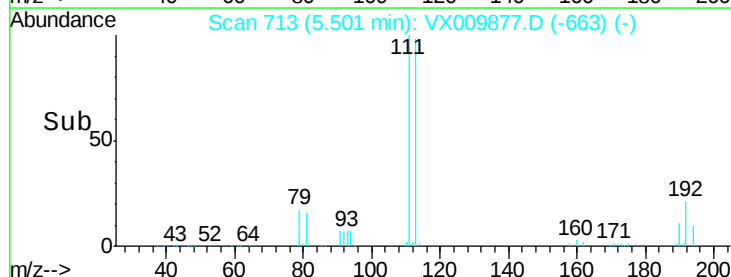
192 21.3 17.0 25.6

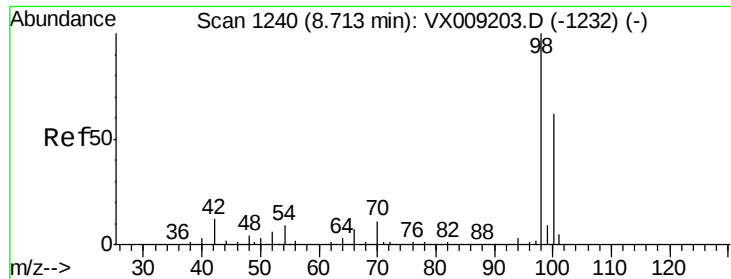


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.509 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009877.D

Acq: 24 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

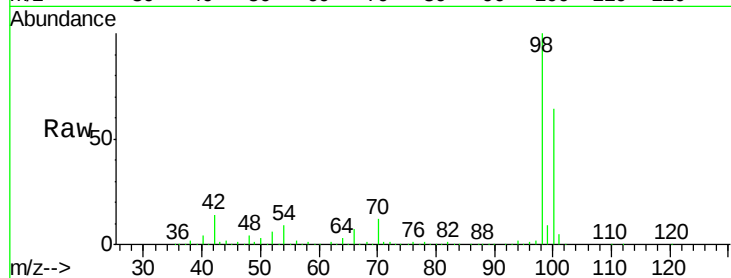
VX0524MBL01

Tot Ion: 98 Resp: 344655

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

100000

50000

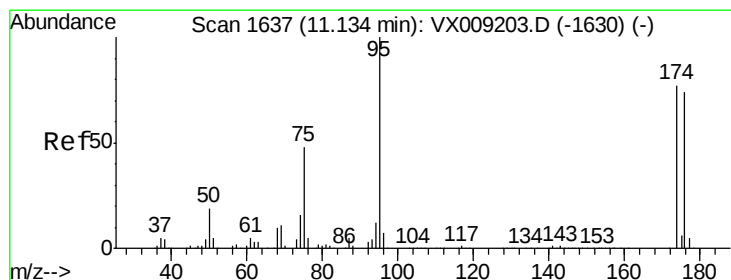
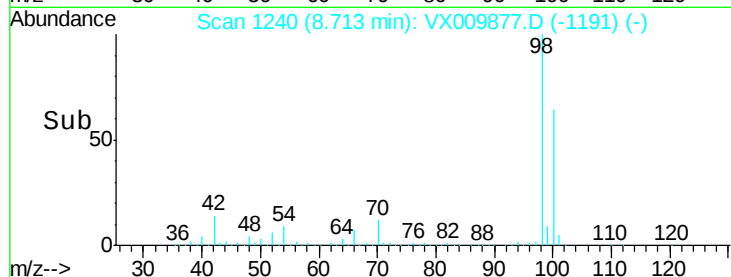
0

8.60

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.038 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009877.D

Acq: 24 May 2019 11:30

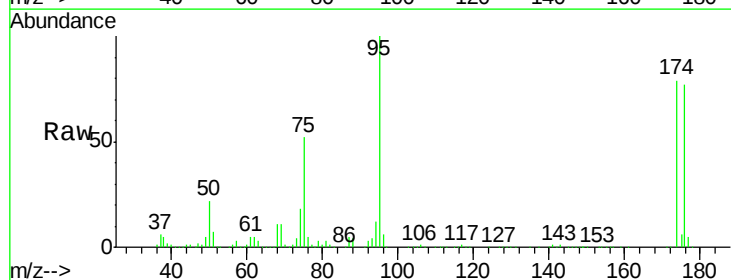
Tgt Ion: 95 Resp: 111397

Ion Ratio Lower Upper

95 100

174 80.7 0.0 161.6

176 78.1 0.0 159.2



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

120000

100000

80000

60000

40000

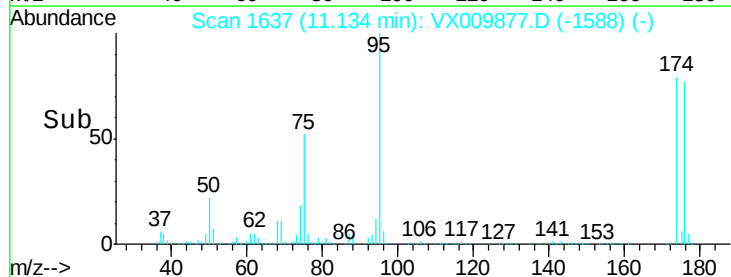
20000

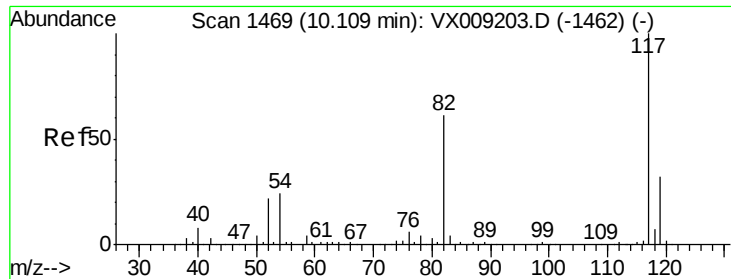
0

11.10

11.20

Time-->

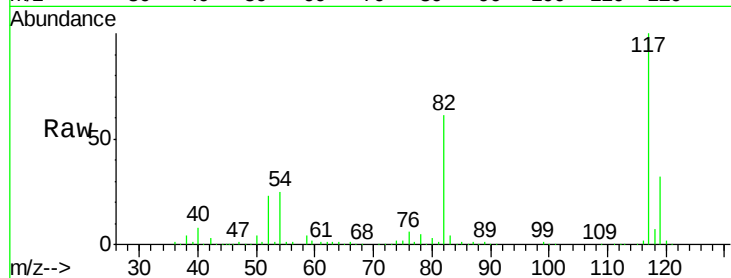




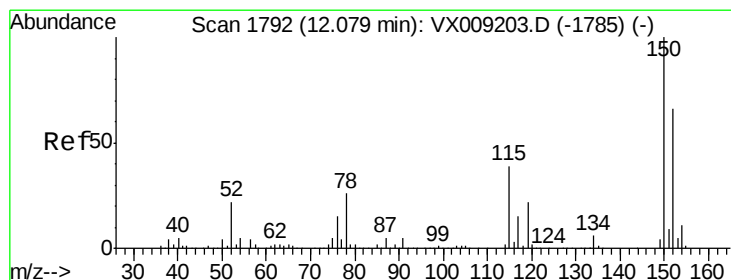
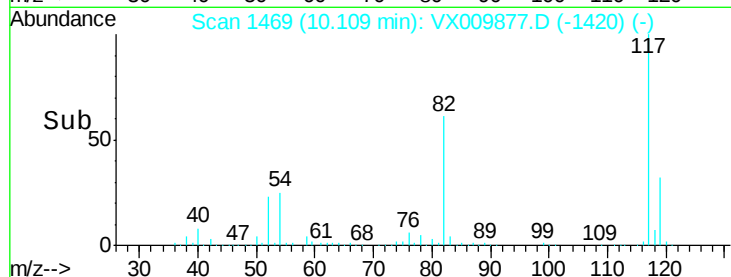
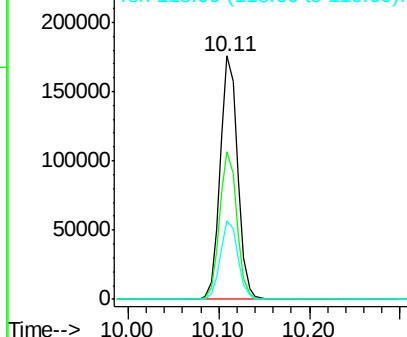
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009877.D
Acq: 24 May 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

Tot Ion:117 Resp: 236737
Ion Ratio Lower Upper
117 100
82 60.6 48.8 73.2
119 32.3 25.8 38.6

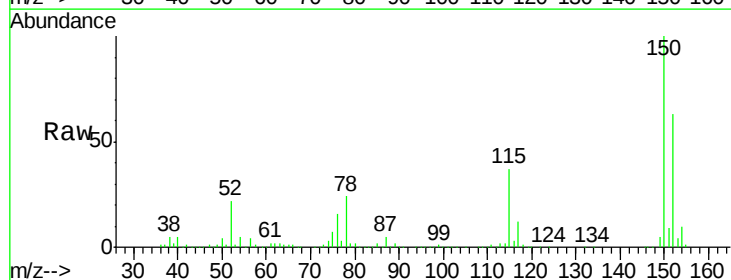


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009877.D
Acq: 24 May 2019 11:30

Tgt Ion:152 Resp: 98304
Ion Ratio Lower Upper
152 100
115 59.2 41.2 123.6
150 156.8 0.0 346.4



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

