

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009854.D
 Acq On : 23 May 2019 13:34
 Operator : JC/SP
 Sample : K2999-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-190521

Quant Time: May 24 04:08:28 2019
 Quant Method : Z:\VOASRV\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	177682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103443	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	120784	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
35) Dibromofluoromethane	5.50	113	86978	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
50) Toluene-d8	8.71	98	360372	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	118581	44.86	ug/l	0.00
Spiked Amount			Recovery	=	89.72%	

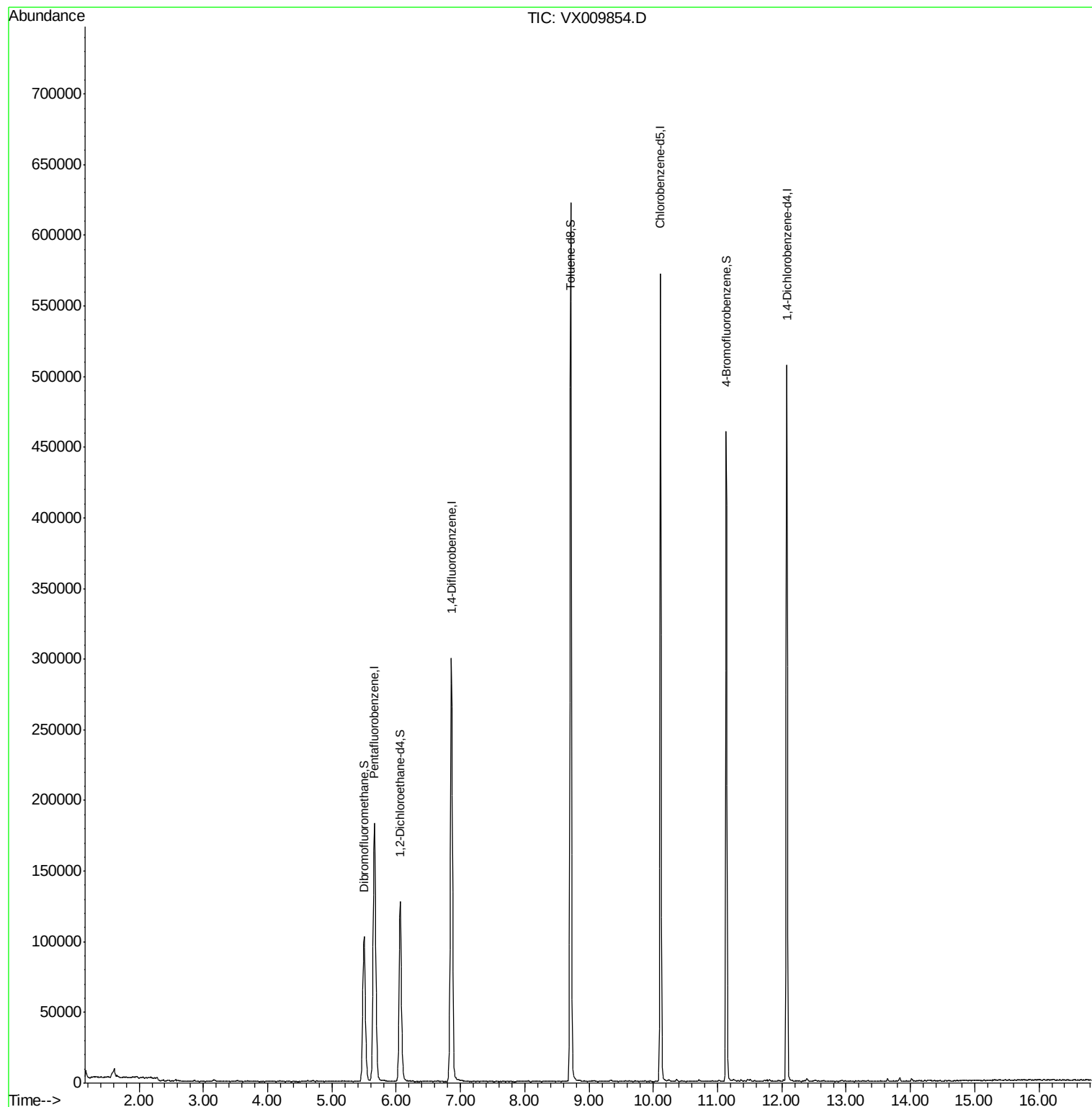
Target Compounds	Qvalue
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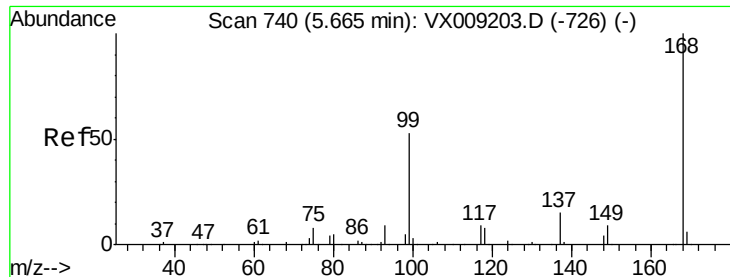
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009854.D

Acq: 23 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

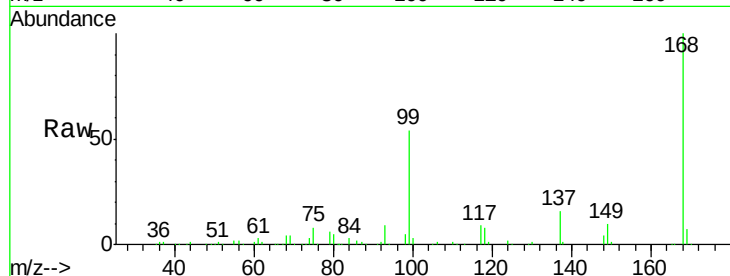
TB-01-190521

Tot Ion:168 Resp: 177682

Ion Ratio Lower Upper

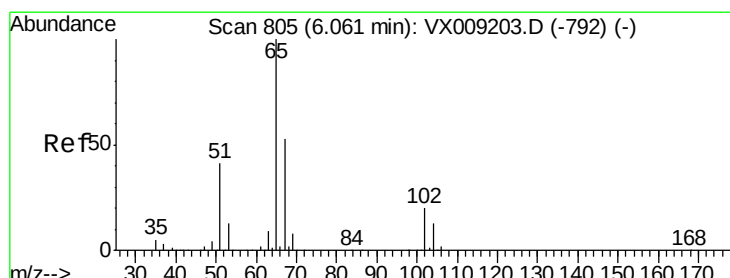
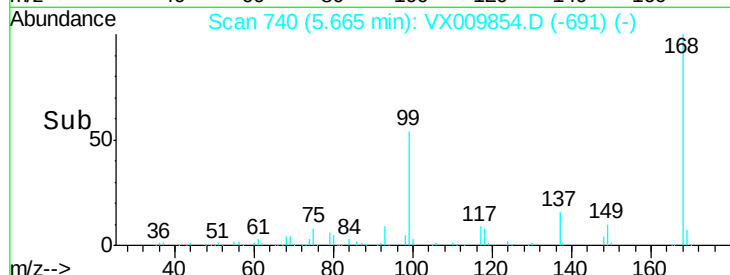
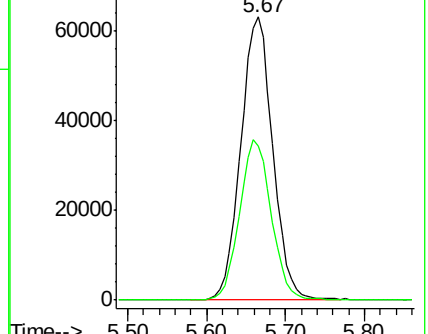
168 100

99 54.5 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: 49.796 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009854.D

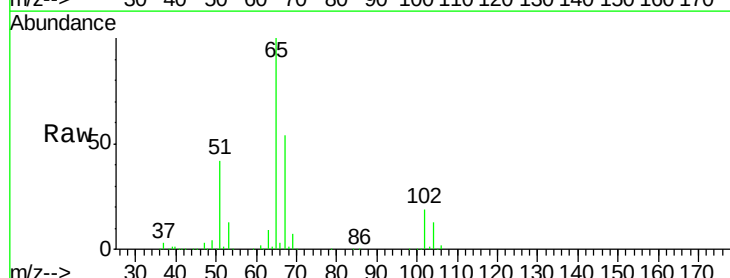
Acq: 23 May 2019 13:34

Tgt Ion: 65 Resp: 120784

Ion Ratio Lower Upper

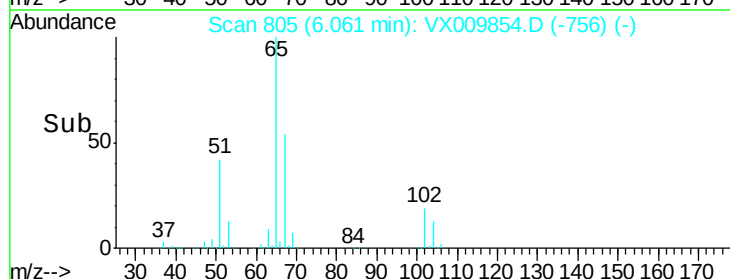
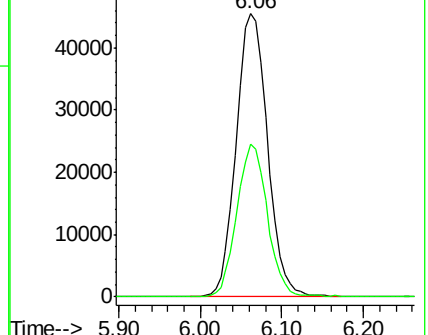
65 100

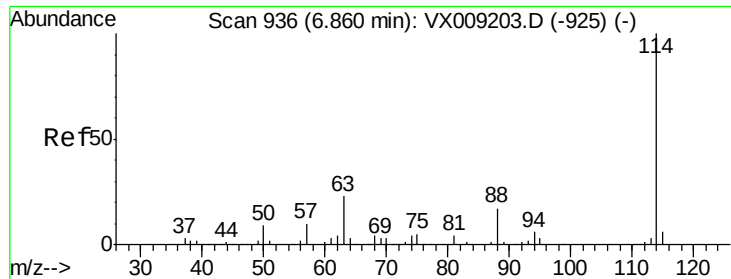
67 53.0 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

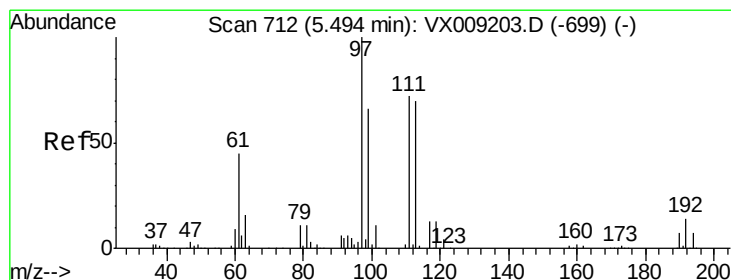
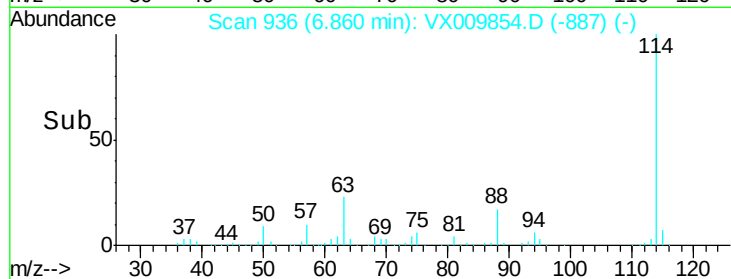
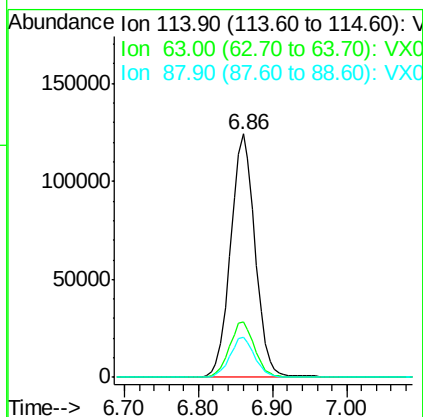
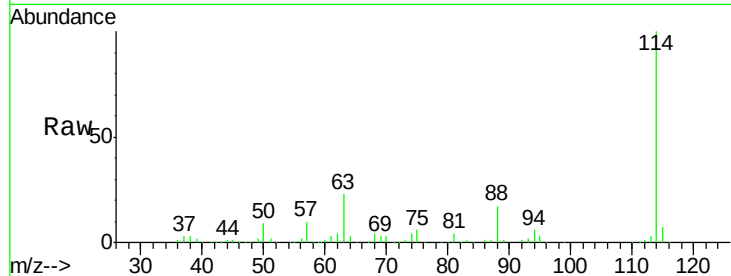




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009854.D
 Acq: 23 May 2019 13:34

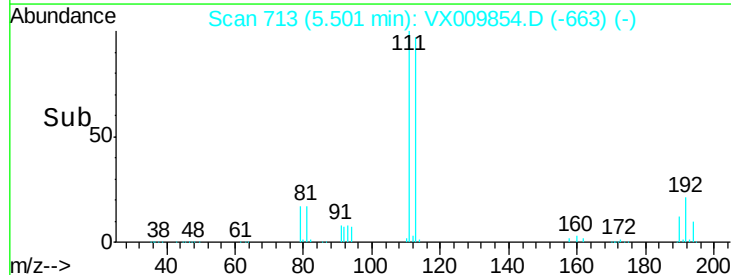
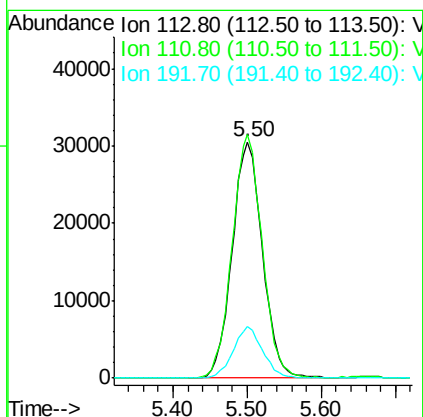
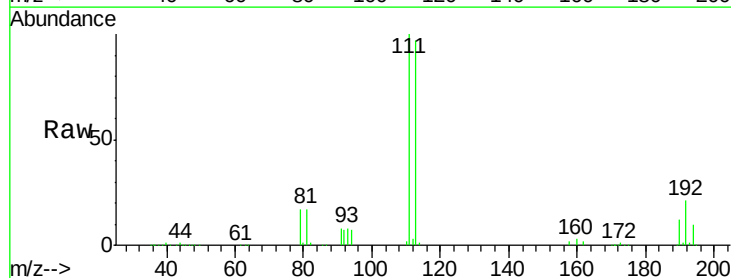
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-190521

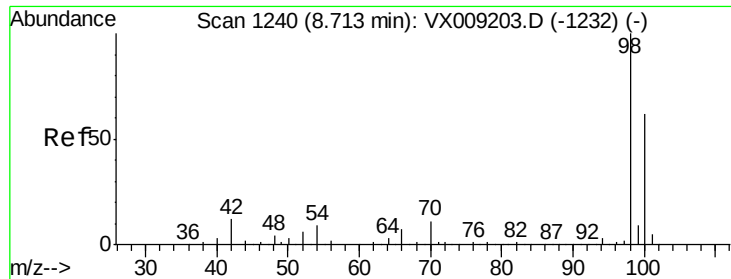
Tot Ion:114 Resp: 286664
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.6
 88 16.6 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 48.265 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009854.D
 Acq: 23 May 2019 13:34

Tgt Ion:113 Resp: 86978
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.8 124.2
 192 21.2 17.0 25.6





#50

Toluene-d8

Concen: 49.533 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009854.D

Acq: 23 May 2019 13:34

Instrument :

MSVOA_X

ClientSampled :

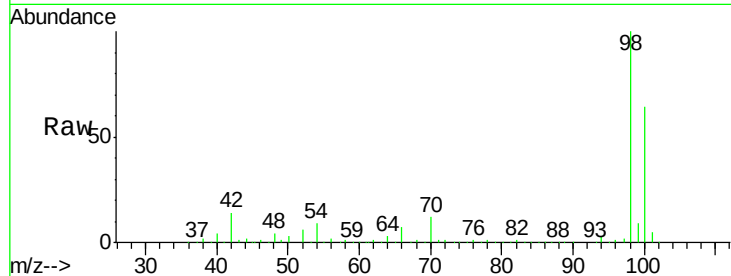
TB-01-190521

Tot Ion: 98 Resp: 360372

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

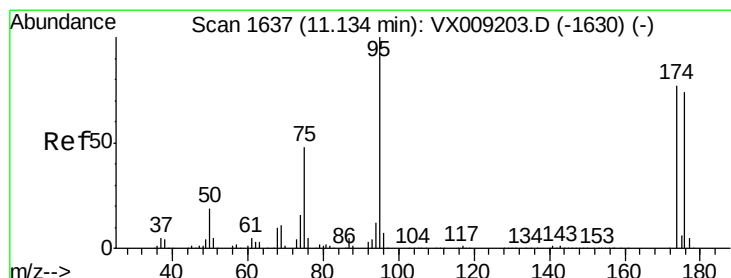
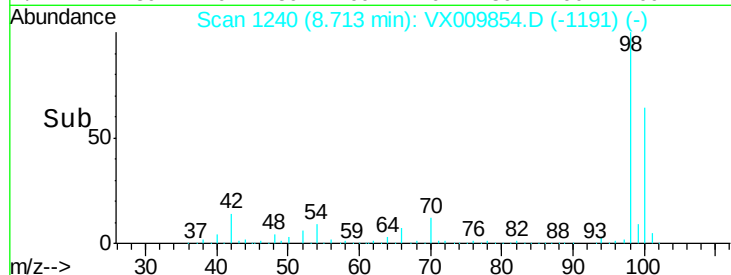
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 44.855 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009854.D

Acq: 23 May 2019 13:34

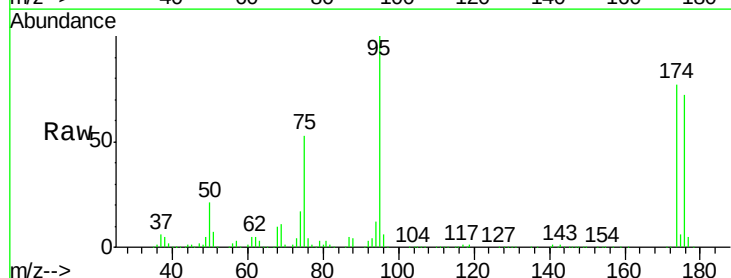
Tgt Ion: 95 Resp: 118581

Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.6

176 77.6 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

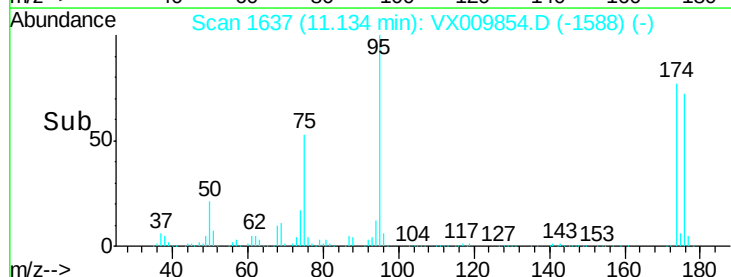
40000

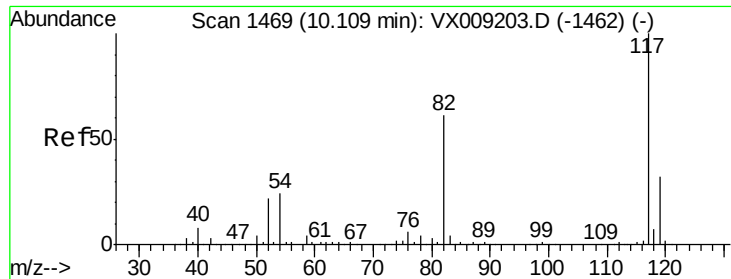
20000

0

11.10 11.20

Time-->

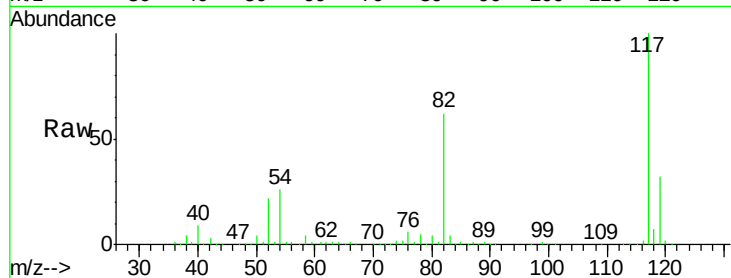




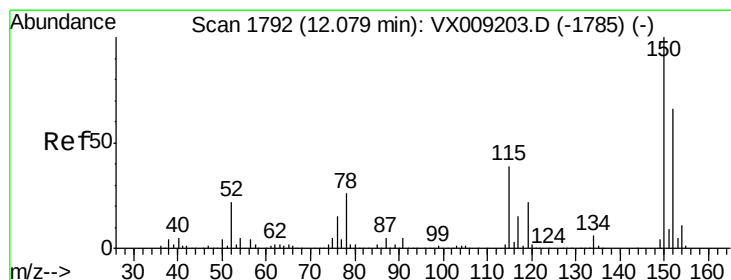
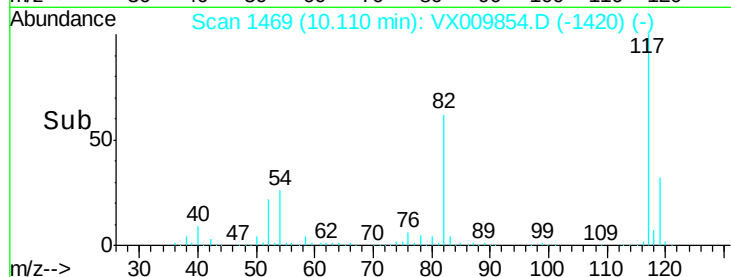
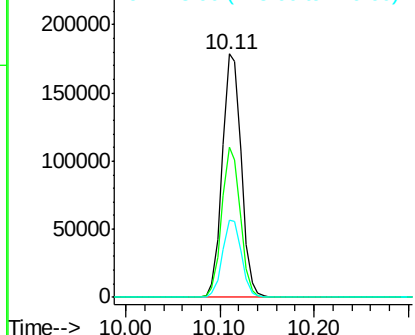
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009854.D
Acq: 23 May 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
TB-01-190521

Tot Ion:117 Resp: 249206
Ion Ratio Lower Upper
117 100
82 61.5 48.8 73.2
119 31.8 25.8 38.6

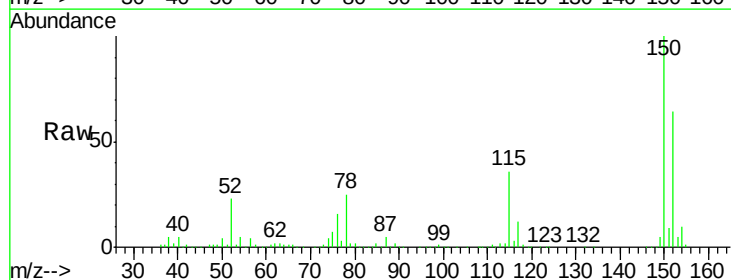


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009854.D
Acq: 23 May 2019 13:34

Tgt Ion:152 Resp: 103443
Ion Ratio Lower Upper
152 100
115 59.0 41.2 123.6
150 158.0 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

