

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009664.D
 Acq On : 17 May 2019 16:08
 Operator : JC/SP
 Sample : VX0517WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBL02

Quant Time: May 18 05:33:35 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	5.66	168	168197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	263720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	90405	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109744	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
35) Dibromofluoromethane	5.49	113	81224	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	8.71	98	328291	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.13	95	104797	43.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.18%	

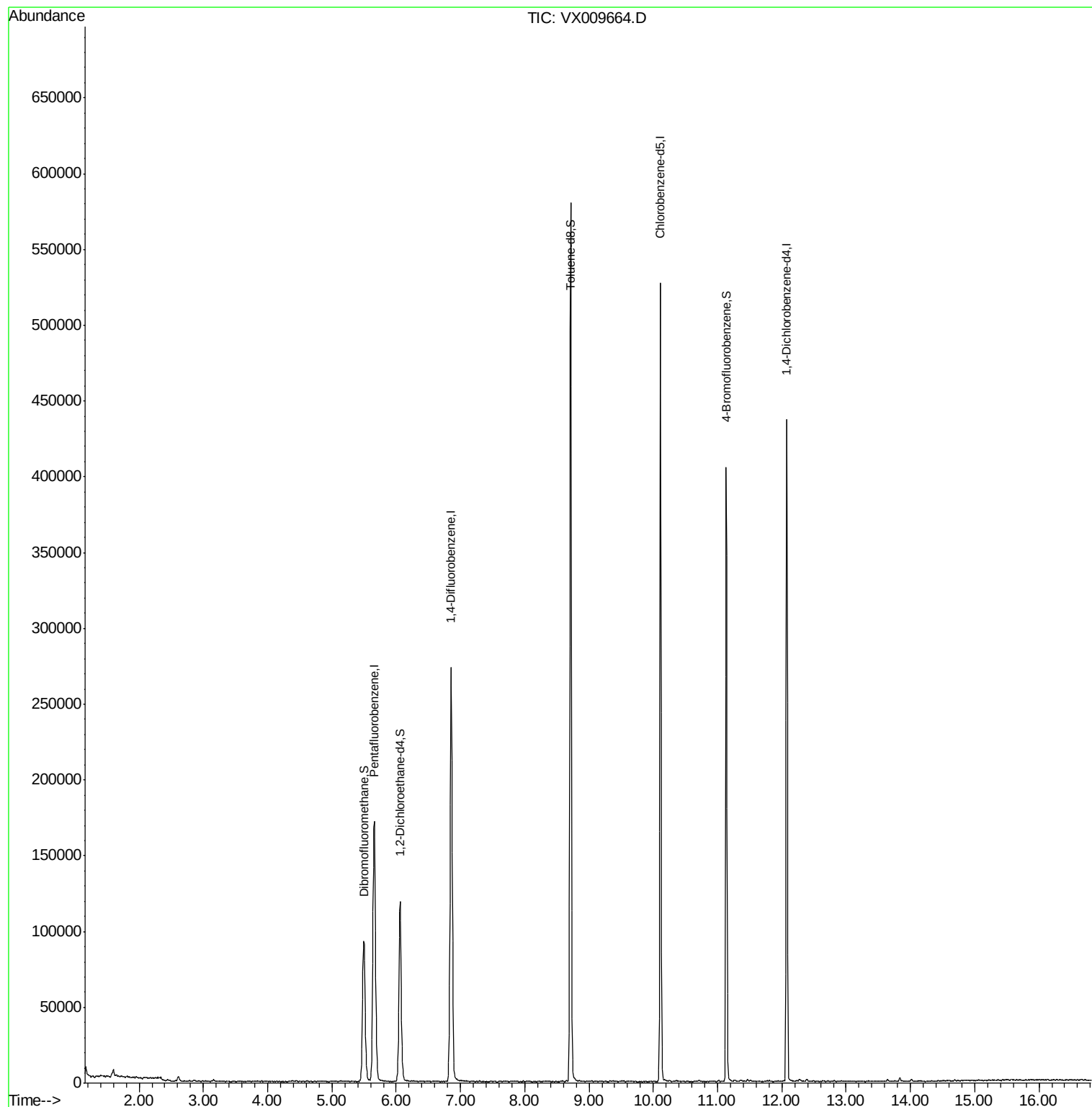
Target Compounds	Qvalue

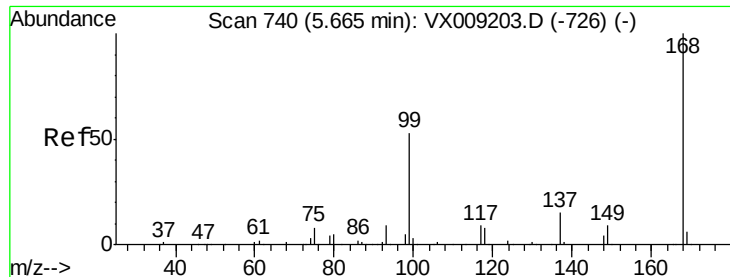
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009664.D

Acq: 17 May 2019 16:08

Instrument :

MSVOA_X

ClientSampleId :

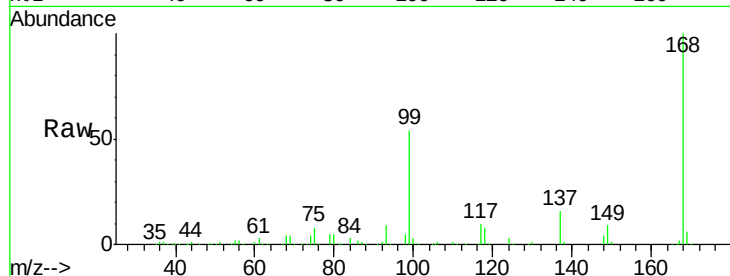
VX0517WBL02

Tot Ion:168 Resp: 168197

Ion Ratio Lower Upper

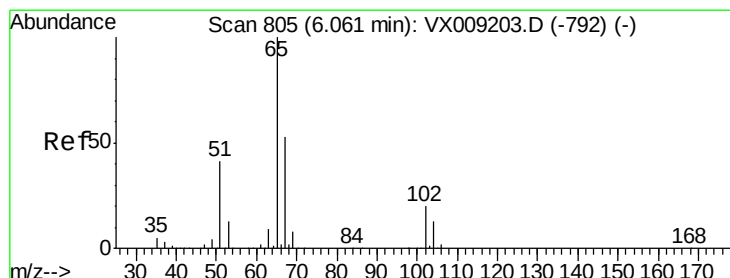
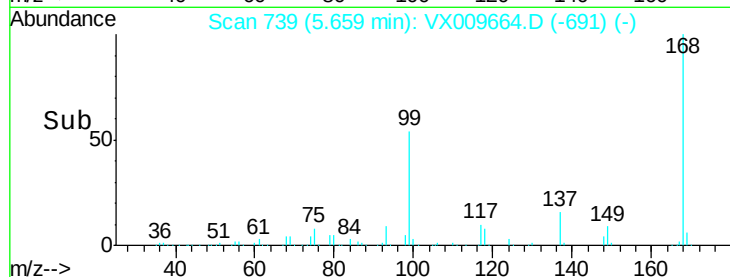
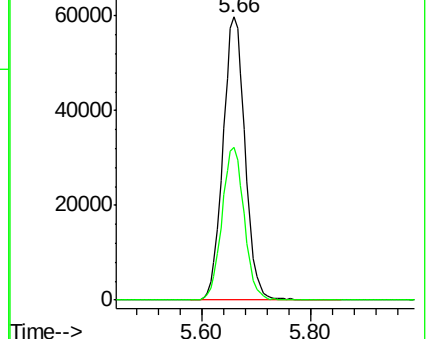
168 100

99 53.9 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: 47.796 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009664.D

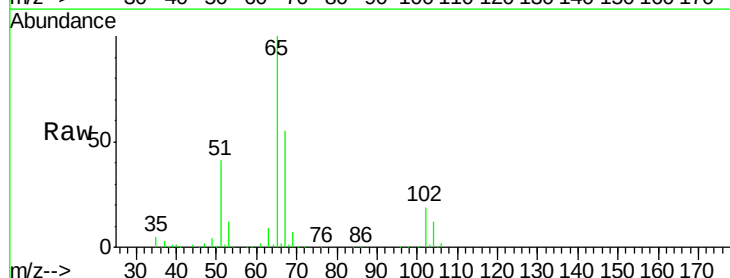
Acq: 17 May 2019 16:08

Tgt Ion: 65 Resp: 109744

Ion Ratio Lower Upper

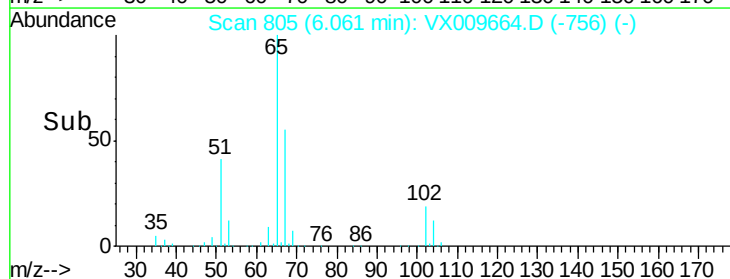
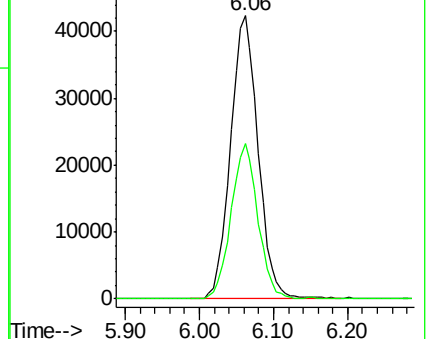
65 100

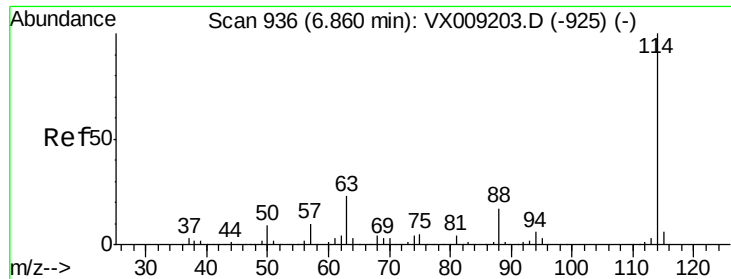
67 53.3 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

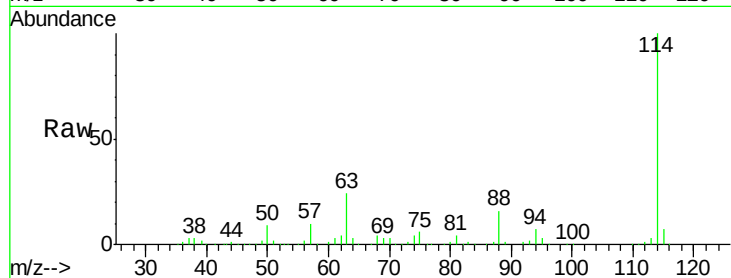




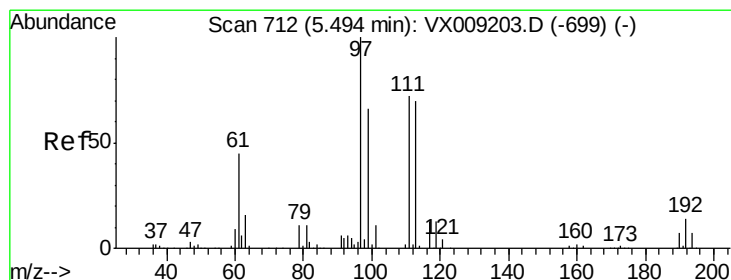
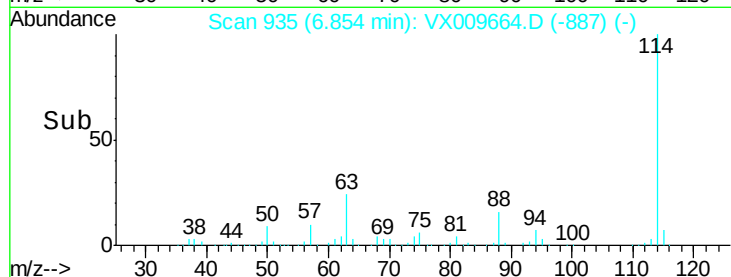
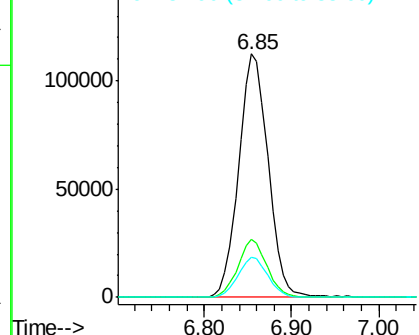
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009664.D
 Acq: 17 May 2019 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBL02

Tot Ion:114 Resp: 263720
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.6
 88 16.2 0.0 33.2

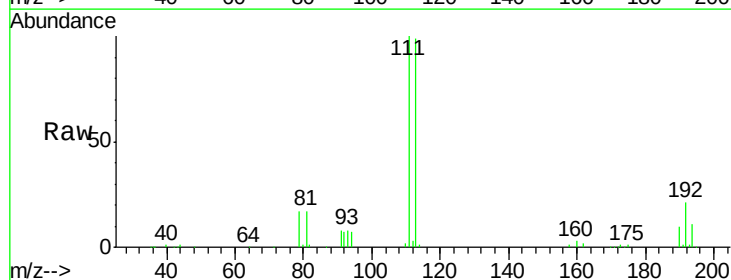


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

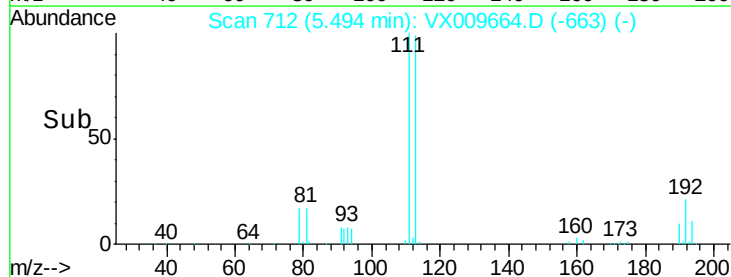
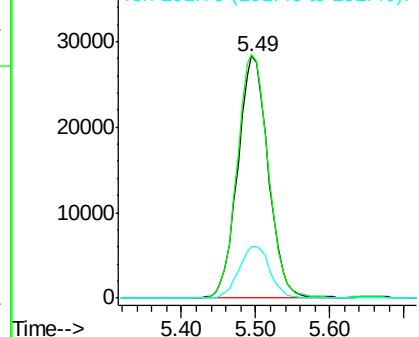


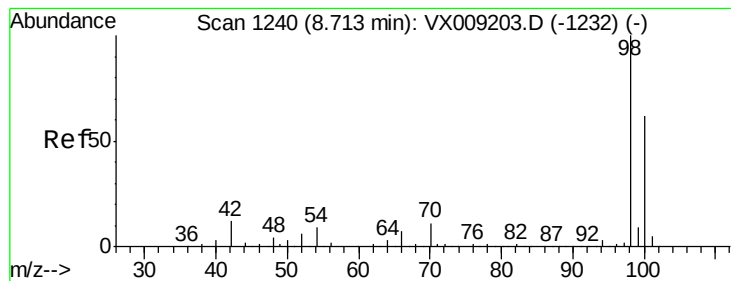
#35
 Dibromofluoromethane
 Concen: 48.994 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009664.D
 Acq: 17 May 2019 16:08

Tgt Ion:113 Resp: 81224
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.8 124.2
 192 21.9 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: 49.049 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009664.D

Acq: 17 May 2019 16:08

Instrument :

MSVOA_X

ClientSampleId :

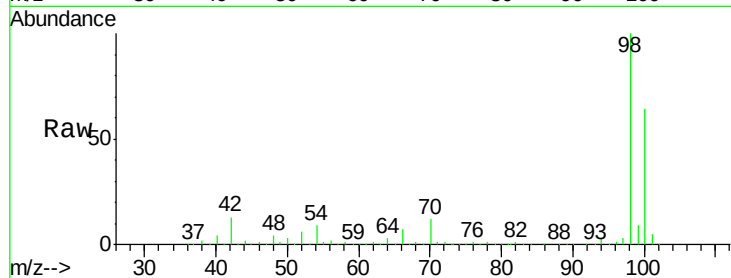
VX0517WBL02

Tot Ion: 98 Resp: 328291

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

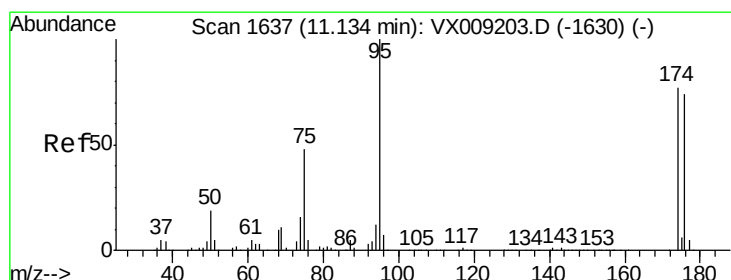
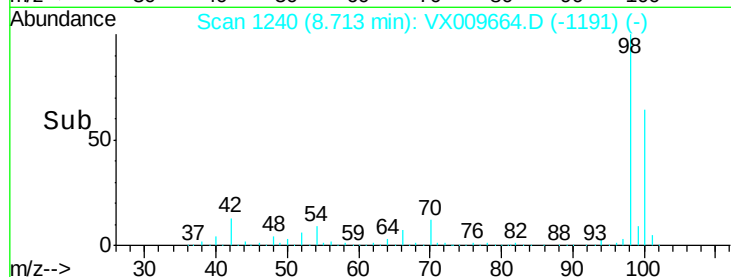
150000

100000

50000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 43.090 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009664.D

Acq: 17 May 2019 16:08

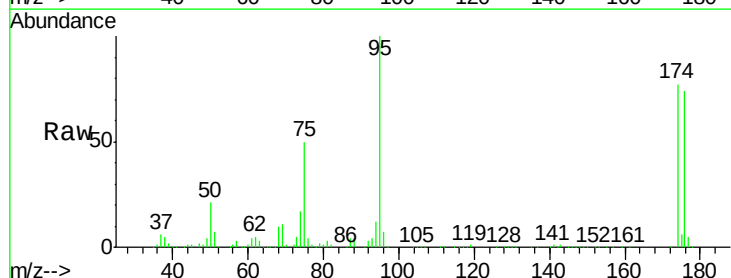
Tgt Ion: 95 Resp: 104797

Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.6

176 78.5 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

11.13

100000

80000

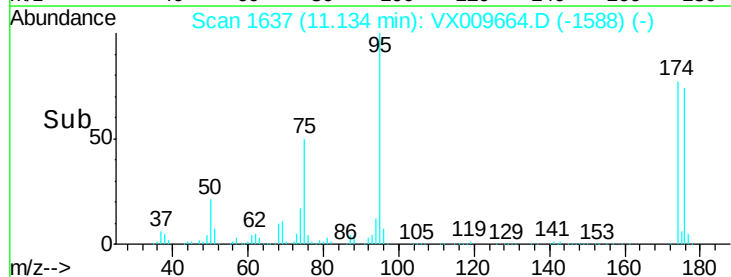
60000

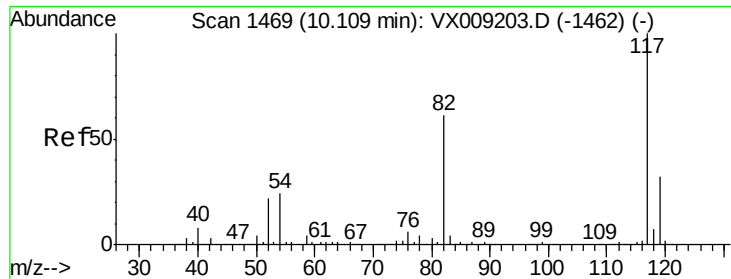
40000

20000

0

Time--> 11.10 11.20

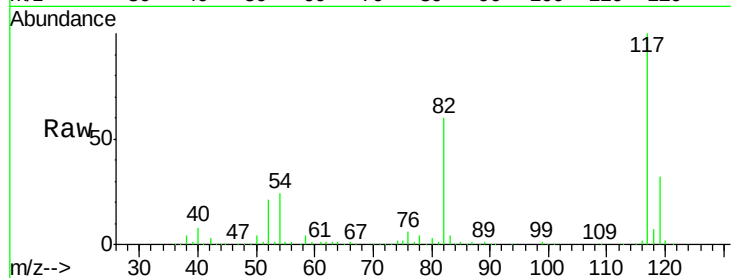




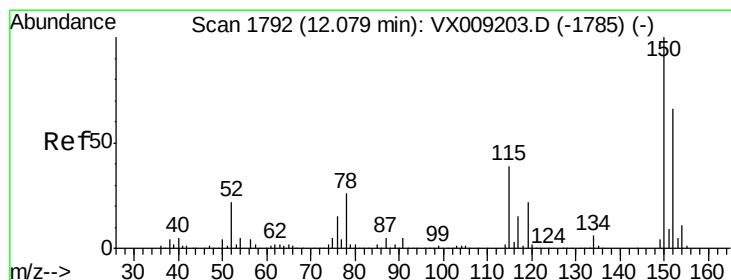
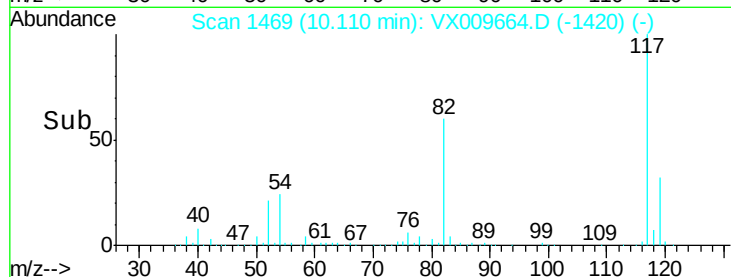
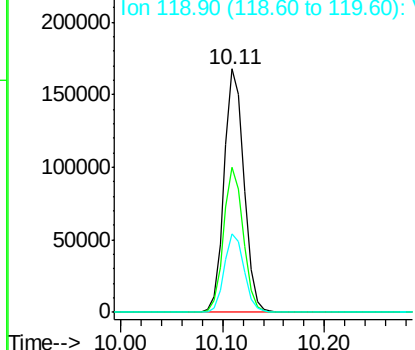
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009664.D
Acq: 17 May 2019 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBL02

Tot Ion:117 Resp: 226948
Ion Ratio Lower Upper
117 100
82 59.6 48.8 73.2
119 32.0 25.8 38.6

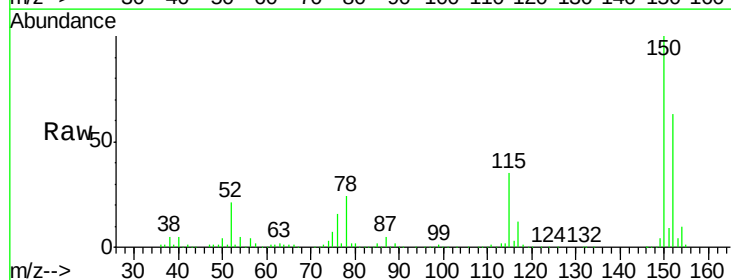


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009664.D
Acq: 17 May 2019 16:08

Tgt Ion:152 Resp: 90405
Ion Ratio Lower Upper
152 100
115 57.8 41.2 123.6
150 158.2 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

