

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032818\
 Data File : VX000481.D
 Acq On : 28 Mar 2018 11:33
 Operator : JC/MD
 Sample : VX0328WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBL01

Quant Time: Mar 29 04:23:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	125750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	224281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	229203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118937	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	90950	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
35) Dibromofluoromethane	5.51	113	71994	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	8.72	98	291751	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.15	95	100296	41.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.44%	

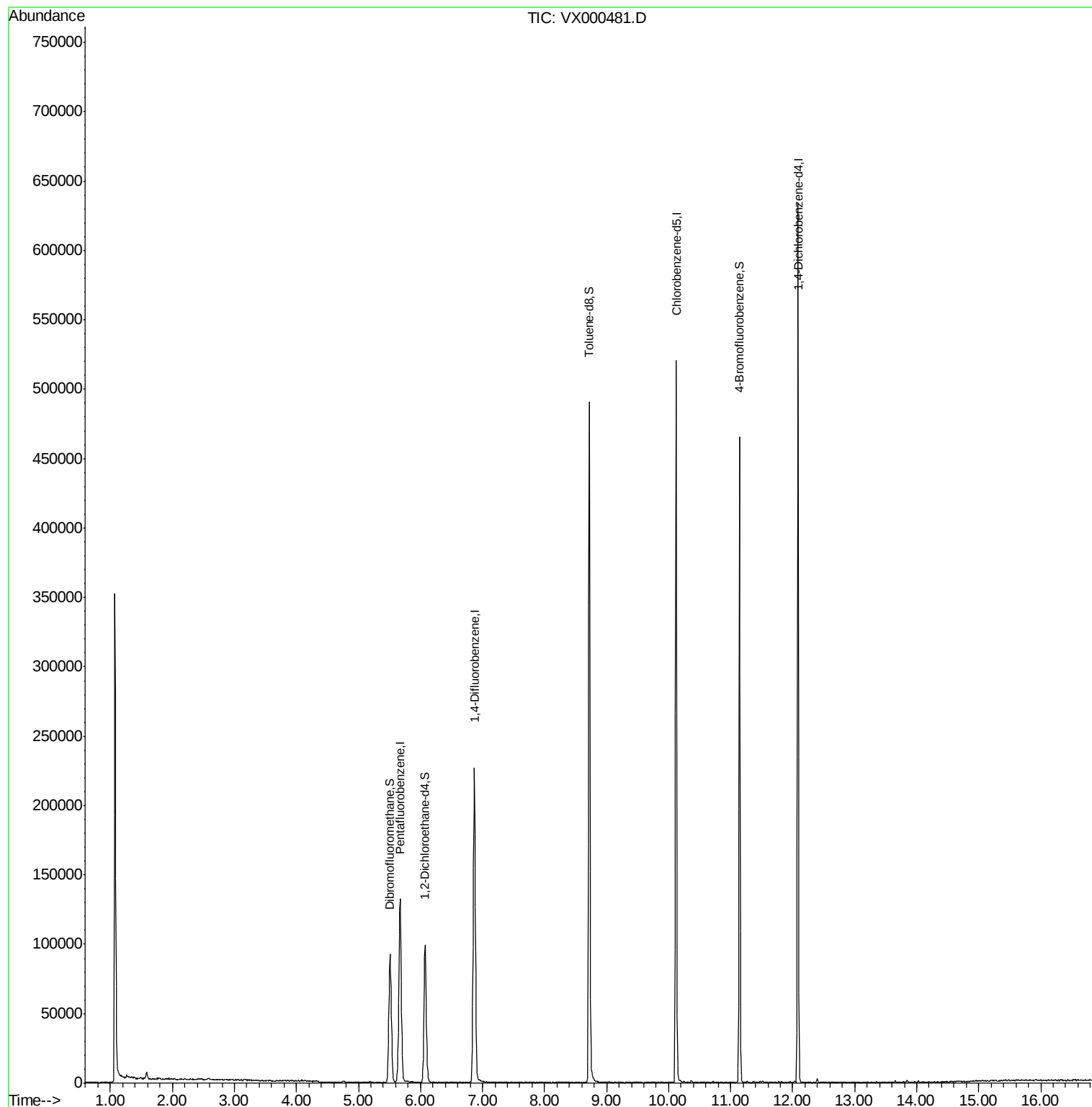
Target Compounds	Qvalue

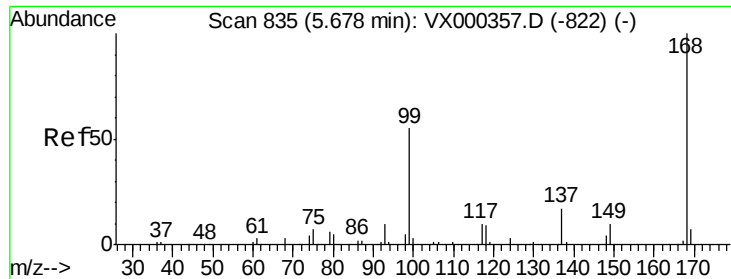
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000481.D

Acq: 28 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

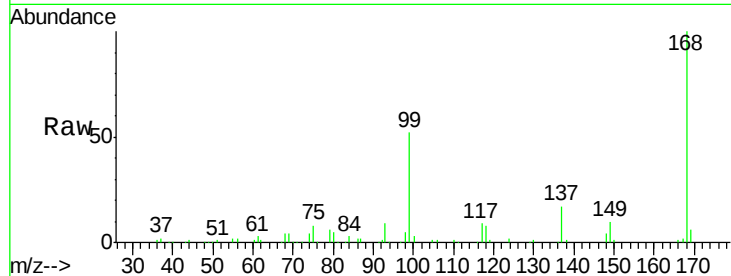
VX0328WBL01

Tot Ion:168 Resp: 125750

Ion Ratio Lower Upper

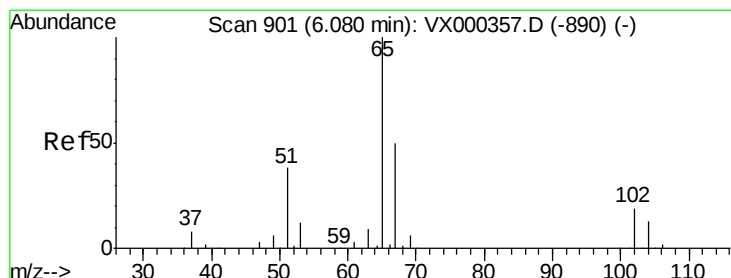
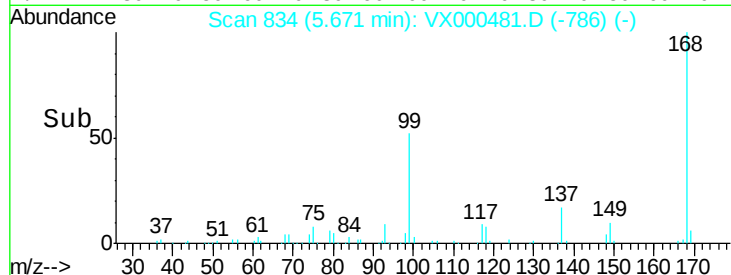
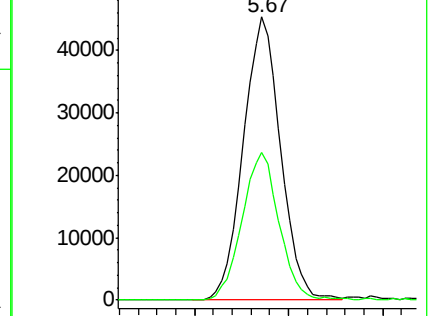
168 100

99 52.4 45.8 68.6



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: 55.41 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000481.D

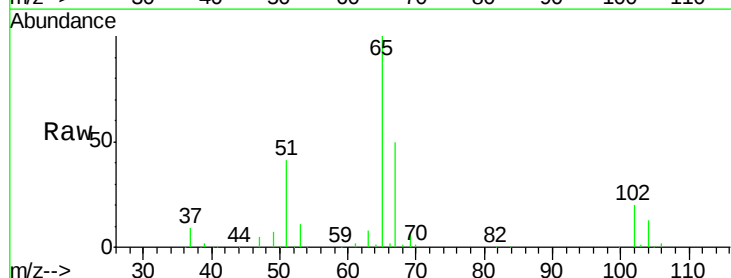
Acq: 28 Mar 2018 11:33

Tgt Ion: 65 Resp: 90950

Ion Ratio Lower Upper

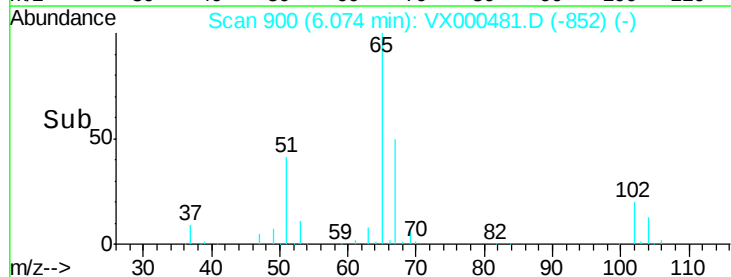
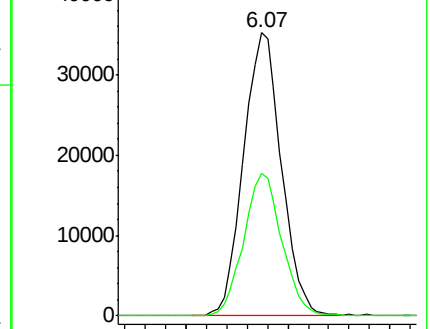
65 100

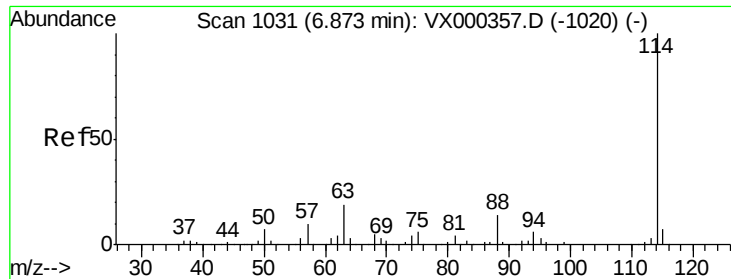
67 50.6 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

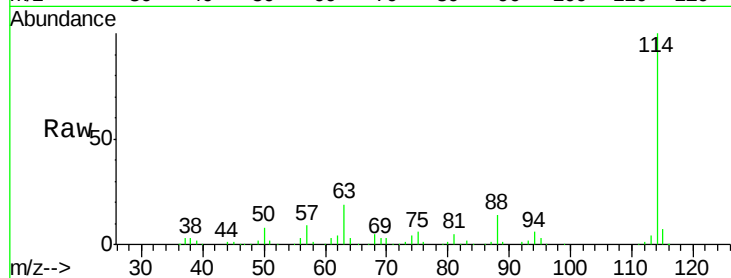




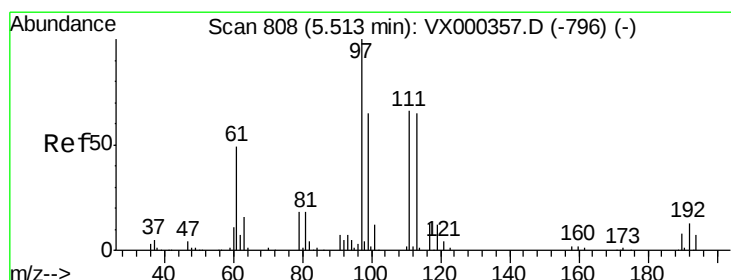
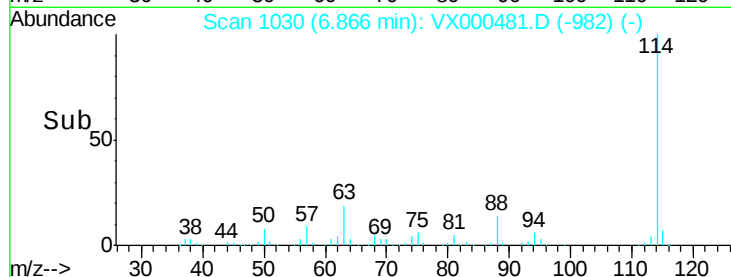
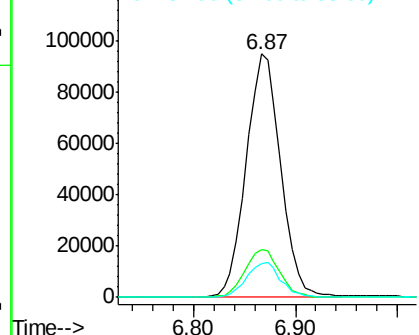
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VX000481.D
Acq: 28 Mar 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBL01

Tot Ion:114 Resp: 224281
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.4
88 14.0 0.0 27.0

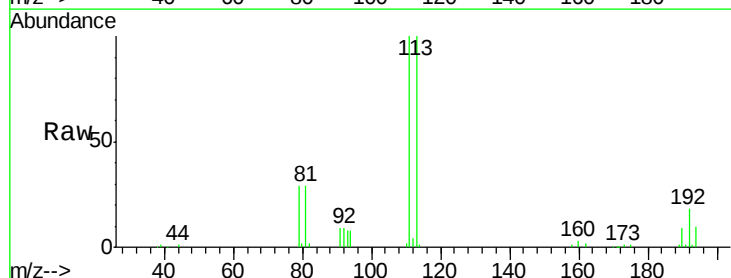


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX
Ion 87.90 (87.60 to 88.60): VX

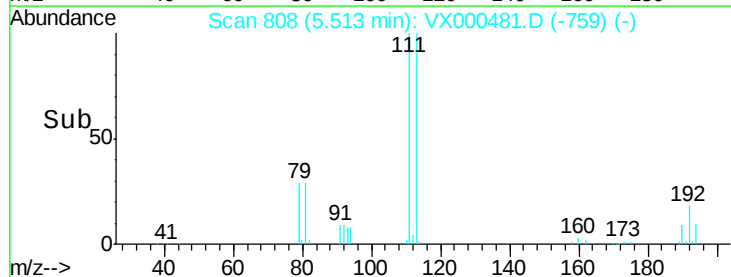
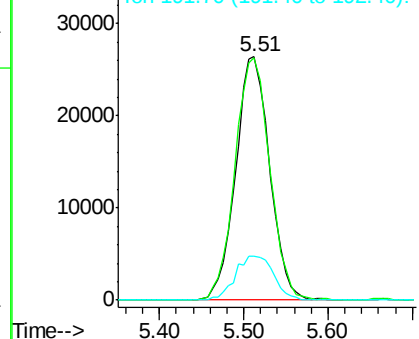


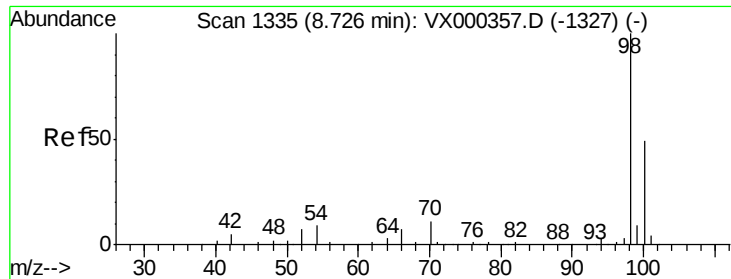
#35
Dibromofluoromethane
Concen: 50.95 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000481.D
Acq: 28 Mar 2018 11:33

Tgt Ion:113 Resp: 71994
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 20.4 15.8 23.6



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: 49.85 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000481.D

Acq: 28 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

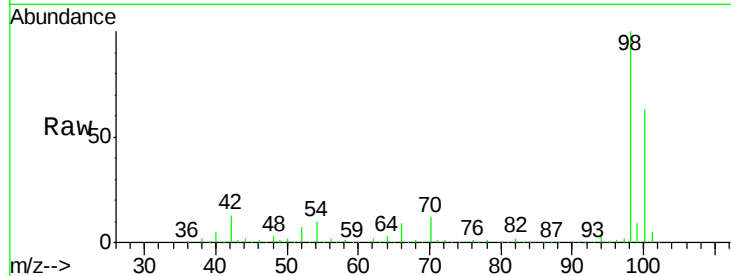
VX0328WBL01

Tot Ion: 98 Resp: 291751

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

200000

150000

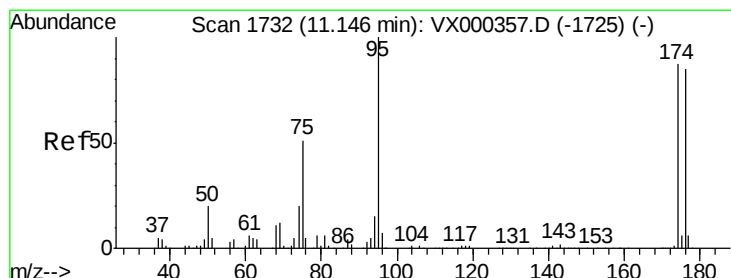
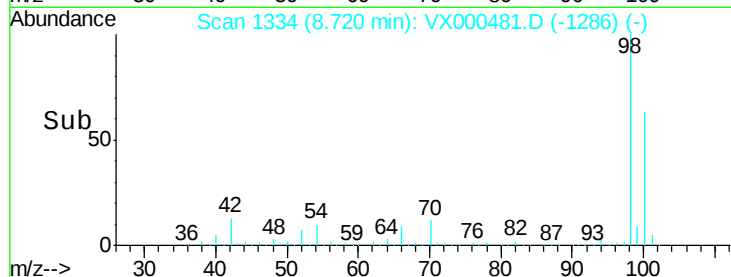
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 41.72 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000481.D

Acq: 28 Mar 2018 11:33

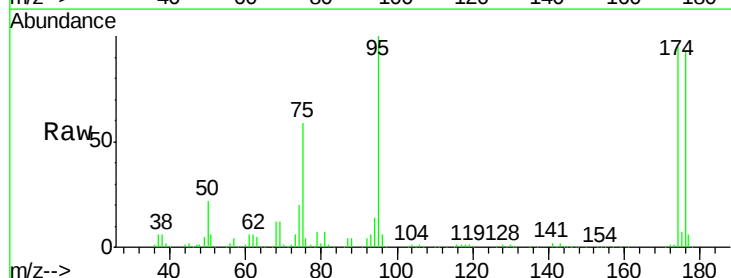
Tgt Ion: 95 Resp: 100296

Ion Ratio Lower Upper

95 100

174 92.4 0.0 173.6

176 89.9 0.0 164.6



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

100000

80000

60000

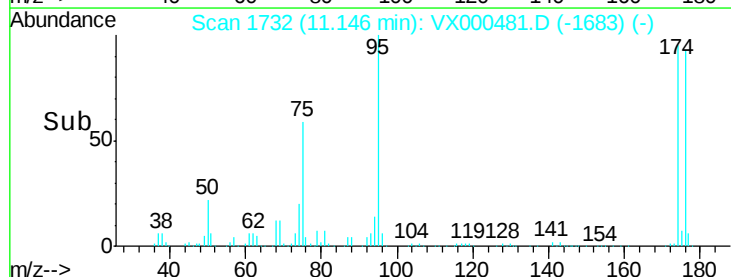
40000

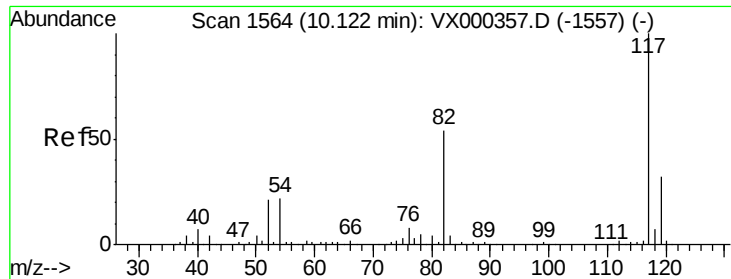
20000

0

11.10 11.15 11.20

Time-->

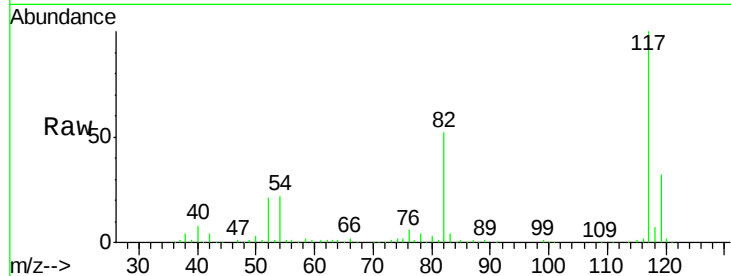




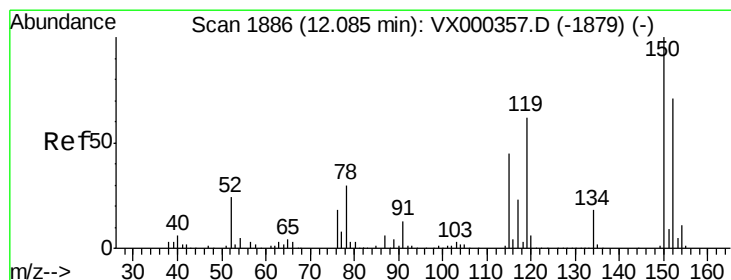
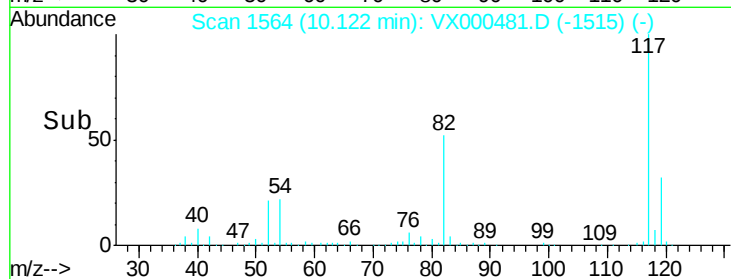
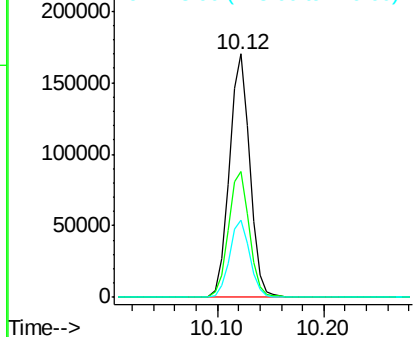
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000481.D
Acq: 28 Mar 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBL01

Tot Ion:117 Resp: 229203
Ion Ratio Lower Upper
117 100
82 51.8 43.8 65.8
119 31.9 24.9 37.3

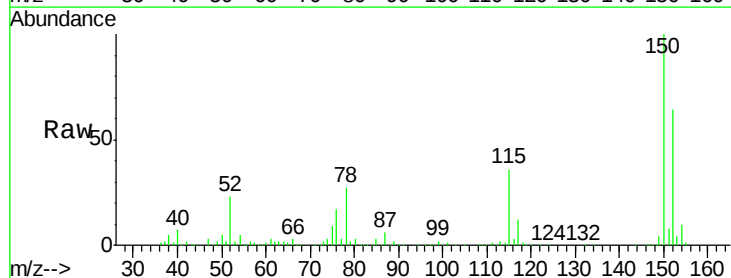


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000481.D
Acq: 28 Mar 2018 11:33

Tgt Ion:152 Resp: 118937
Ion Ratio Lower Upper
152 100
115 56.3 39.8 119.3
150 156.6 0.0 344.4



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

