

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041018\
 Data File : VX000757.D
 Acq On : 10 Apr 2018 19:29
 Operator : JC/MD
 Sample : VX0410WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBL01

Quant Time: Apr 11 08:42:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	438156	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	403690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	236075	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	160003	40.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.98%	
35) Dibromofluoromethane	5.51	113	133048	39.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.82%	
50) Toluene-d8	8.72	98	502332	39.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.94%	
62) 4-Bromofluorobenzene	11.14	95	201045	38.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.32%	

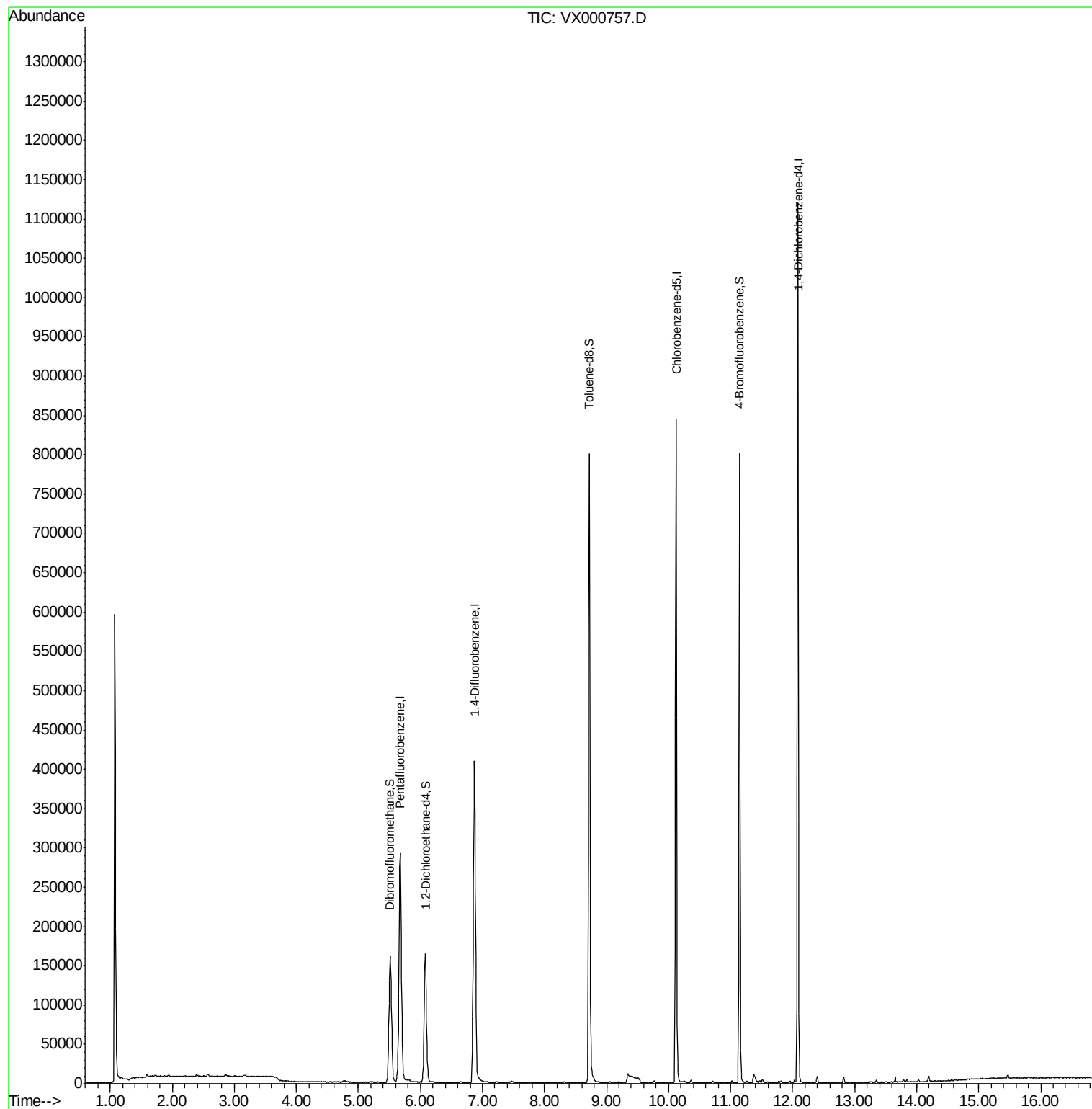
Target Compounds	Qvalue
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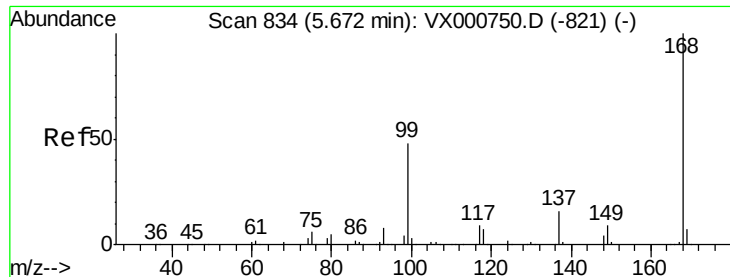
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000757.D

Acq: 10 Apr 2018 19:29

Instrument :

MSVOA_X

ClientSampleId :

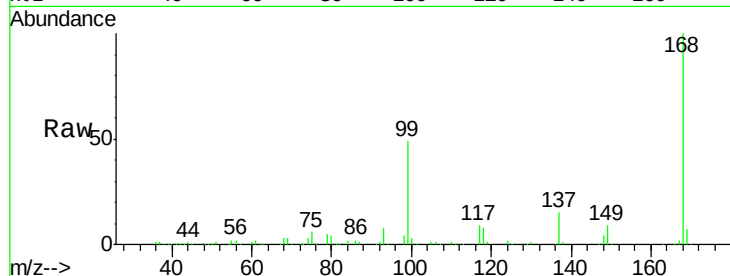
VX0410WBL01

Tot Ion:168 Resp: 313403

Ion Ratio Lower Upper

168 100

99 48.9 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

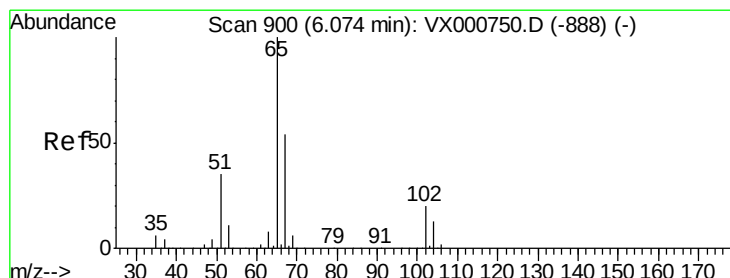
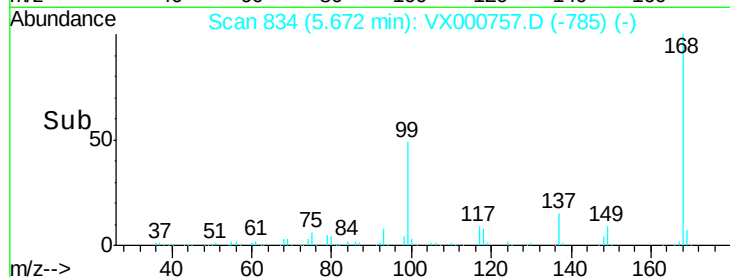
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 40.49 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000757.D

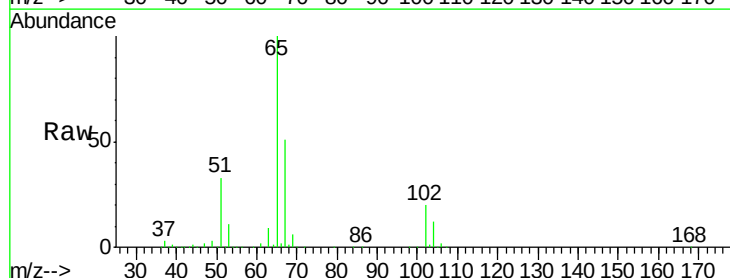
Acq: 10 Apr 2018 19:29

Tgt Ion: 65 Resp: 160003

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

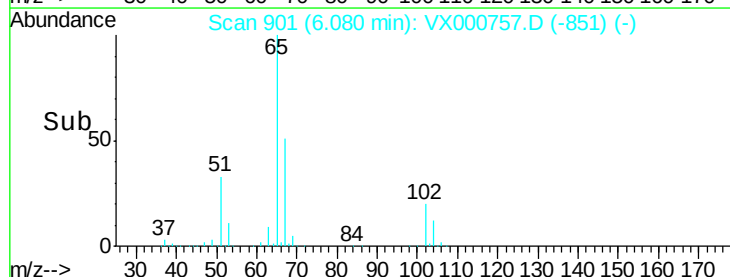
60000

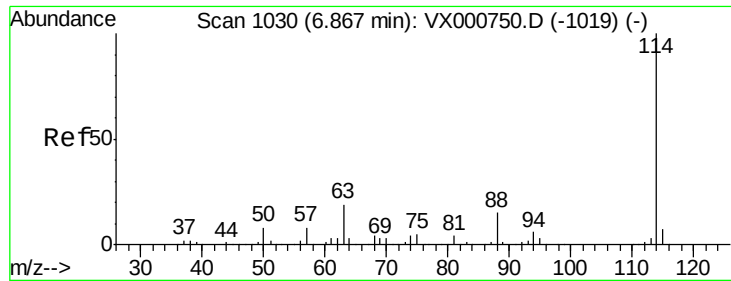
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX000757.D

Acq: 10 Apr 2018 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBL01

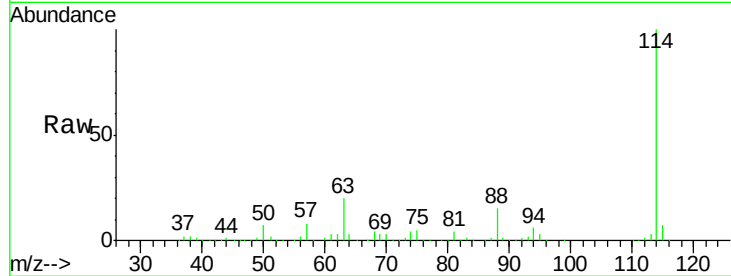
Tot Ion:114 Resp: 438156

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.4

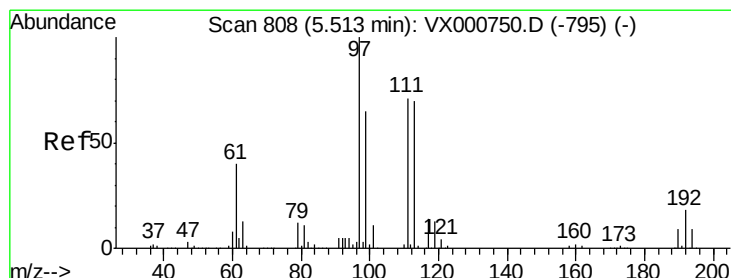
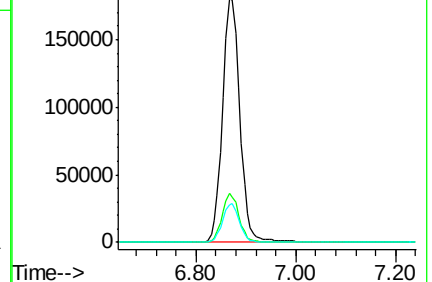
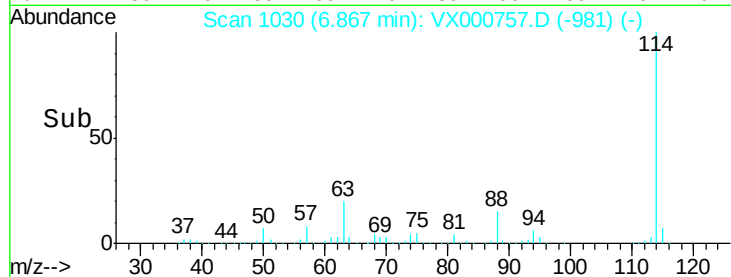
88 15.5 0.0 31.0



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: 39.41 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000757.D

Acq: 10 Apr 2018 19:29

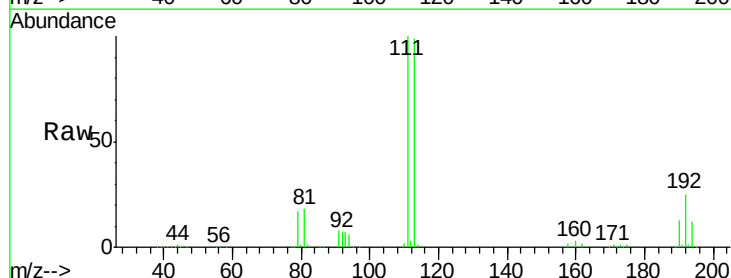
Tgt Ion:113 Resp: 133048

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

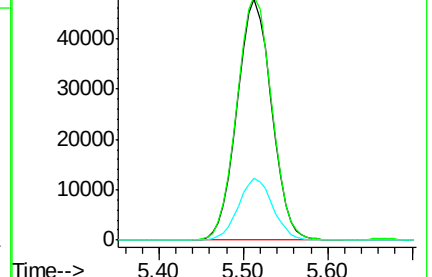
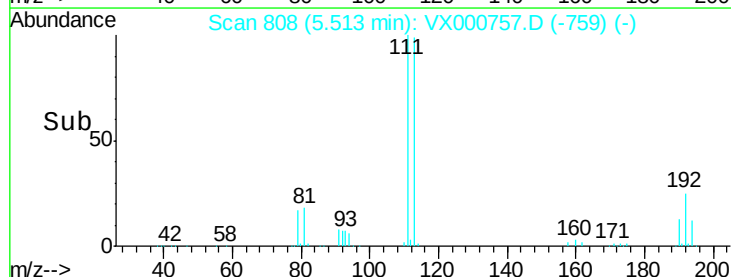
192 25.5 20.4 30.6

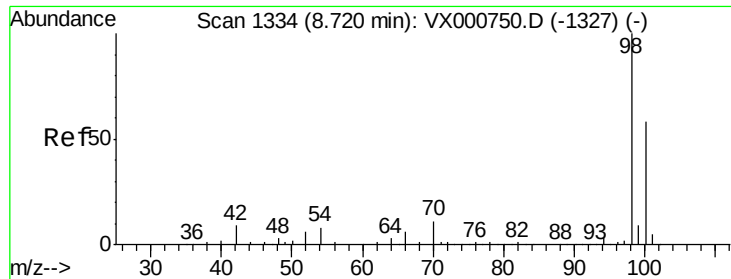


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 39.97 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000757.D

Acq: 10 Apr 2018 19:29

Instrument :

MSVOA_X

ClientSampleId :

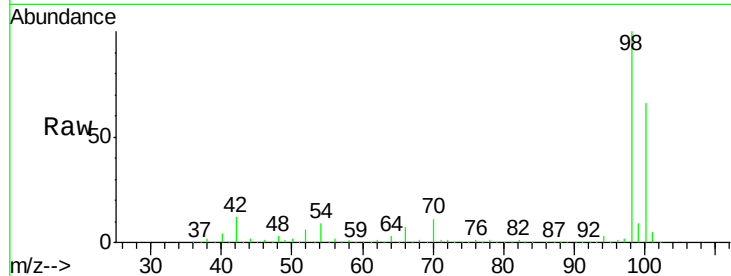
VX0410WBL01

Tot Ion: 98 Resp: 502332

Ion Ratio Lower Upper

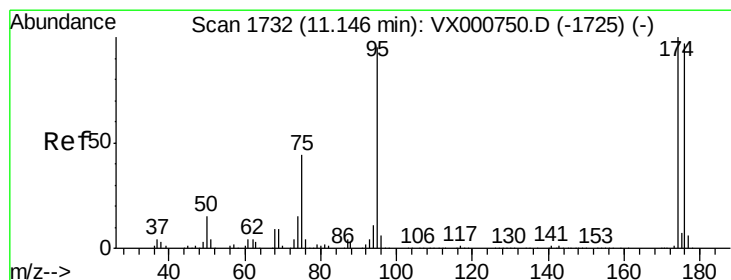
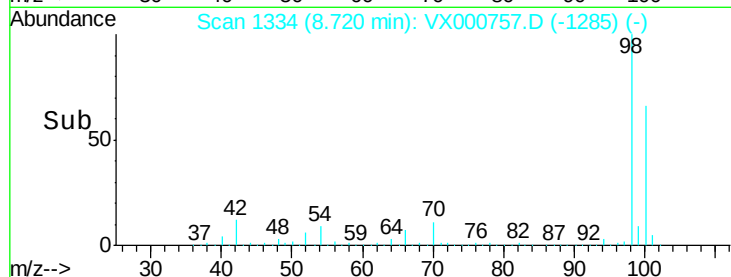
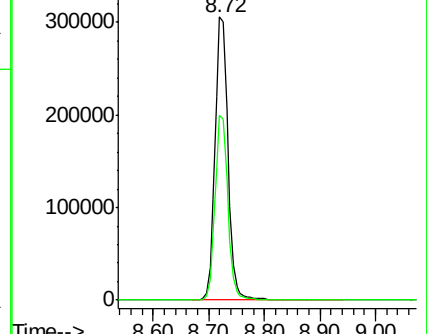
98 100

100 64.7 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 38.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000757.D

Acq: 10 Apr 2018 19:29

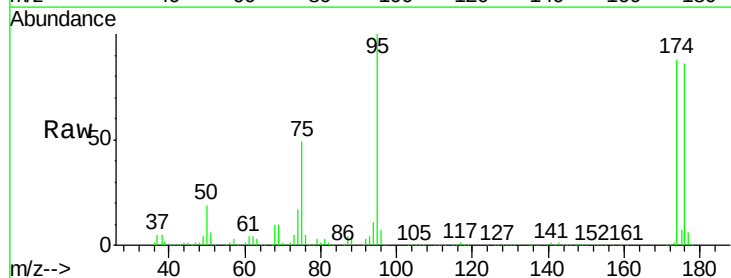
Tgt Ion: 95 Resp: 201045

Ion Ratio Lower Upper

95 100

174 98.7 0.0 198.4

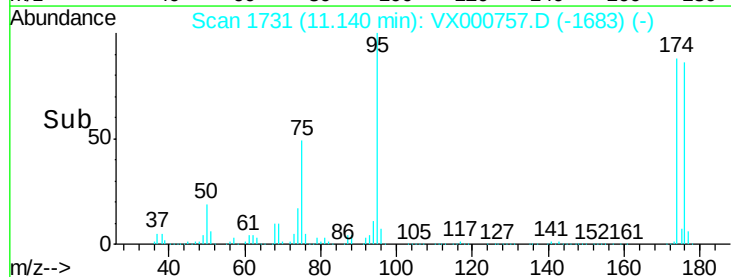
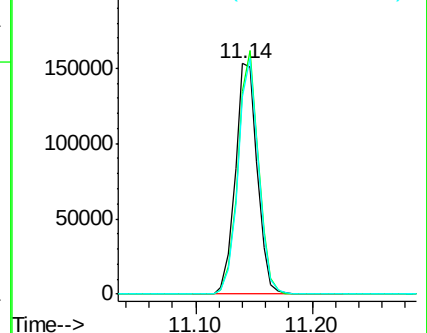
176 95.6 0.0 194.4

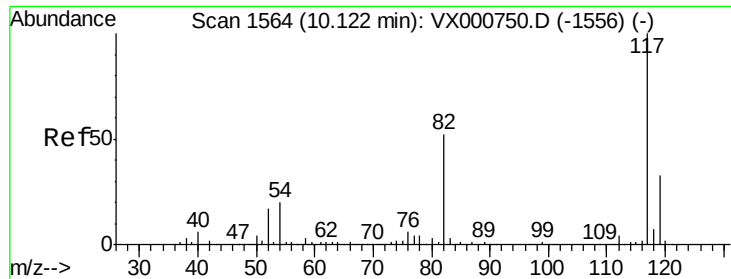


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

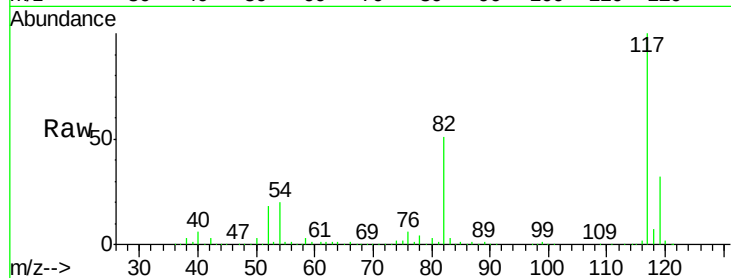




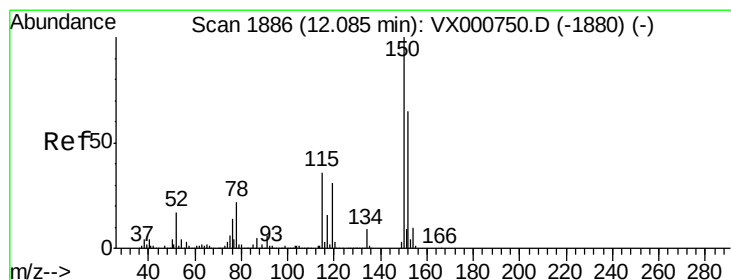
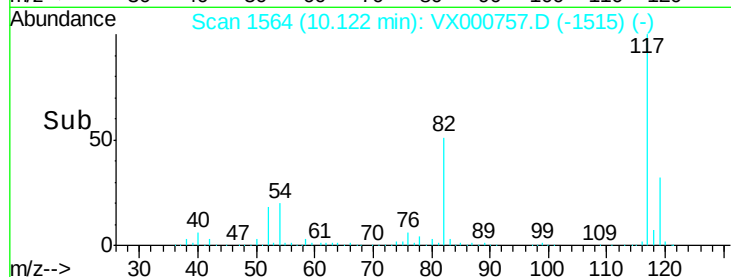
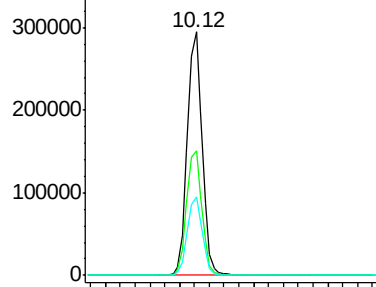
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000757.D
Acq: 10 Apr 2018 19:29

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL01

Tot Ion:117 Resp: 403690
Ion Ratio Lower Upper
117 100
82 51.1 41.9 62.9
119 32.4 26.0 39.0

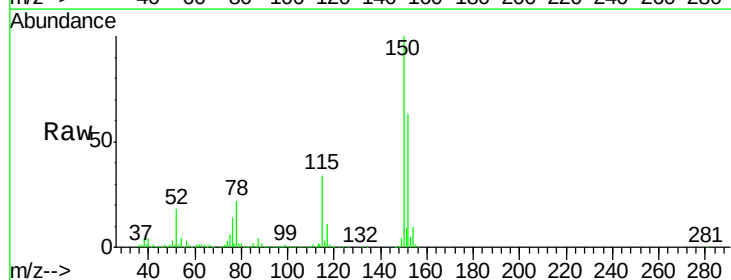


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000757.D
Acq: 10 Apr 2018 19:29

Tgt Ion:152 Resp: 236075
Ion Ratio Lower Upper
152 100
115 53.7 37.9 113.7
150 157.2 0.0 348.0



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

