

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000914.D
 Acq On : 16 Apr 2018 13:17
 Operator : JC/MD
 Sample : VX0416WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBL01

Quant Time: Apr 16 16:25:57 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	261828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359212	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197948	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158238	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	5.51	113	127442	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
50) Toluene-d8	8.72	98	495293	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.14	95	183594	43.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.12%	

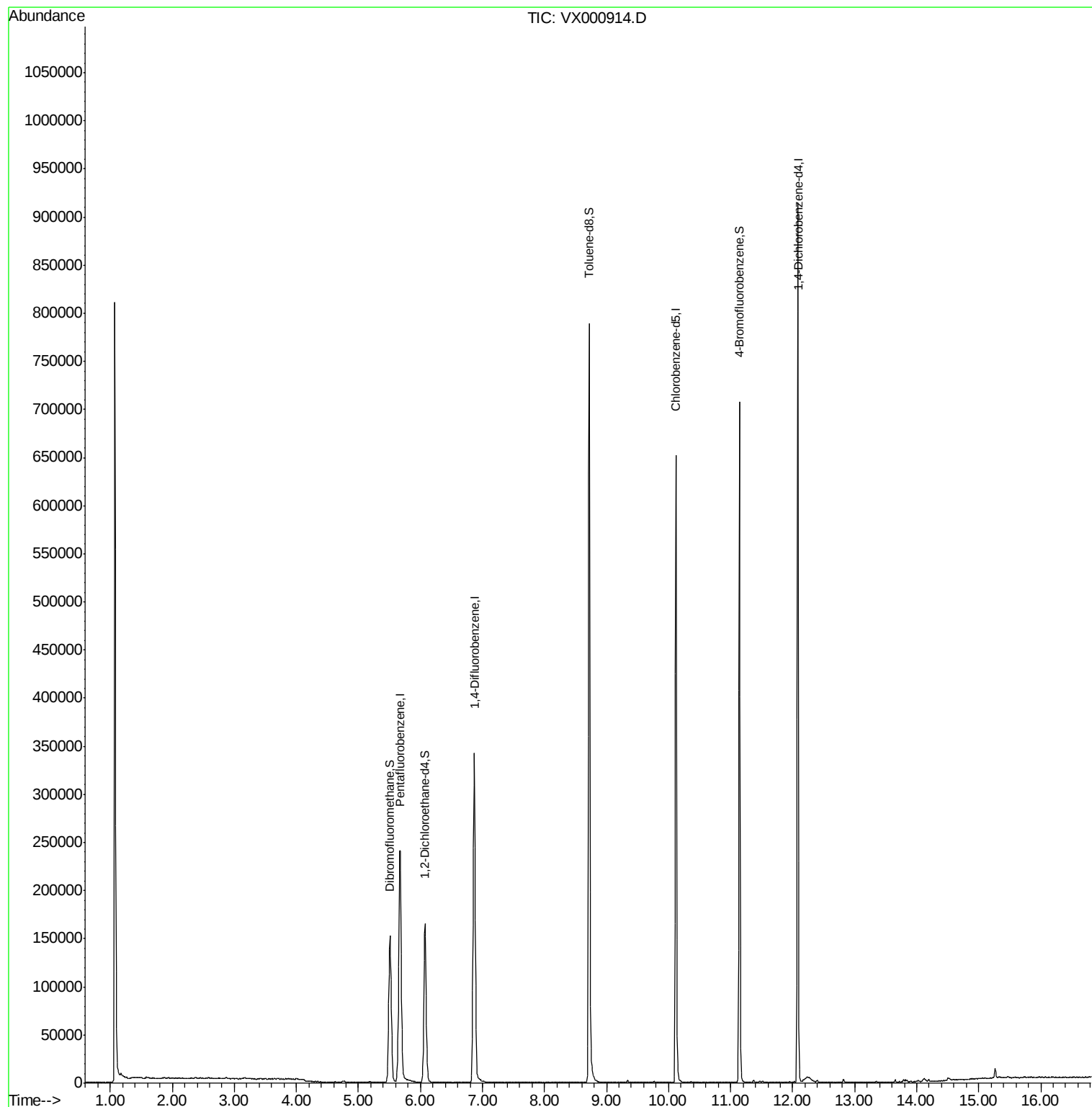
Target Compounds	Qvalue

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

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VX0416WBL01

Quant Time: Apr 16 16:25:57 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
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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: VX000914.D

Acq: 16 Apr 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

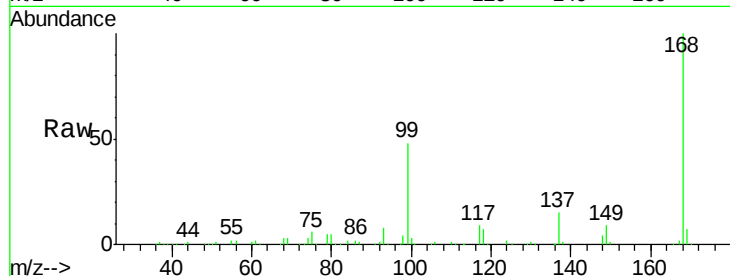
VX0416WBL01

Tot Ion:168 Resp: 261828

Ion Ratio Lower Upper

168 100

99 47.5 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

100000

80000

60000

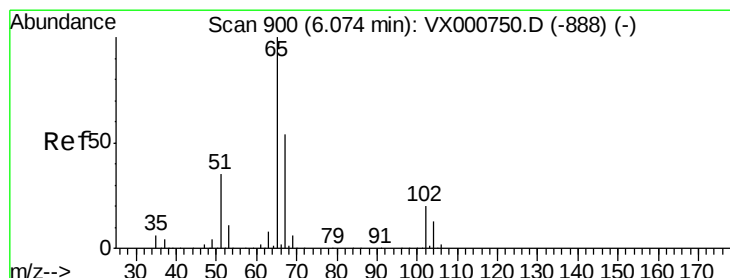
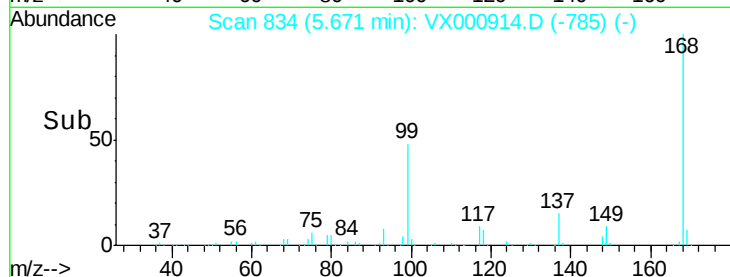
40000

20000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.93 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000914.D

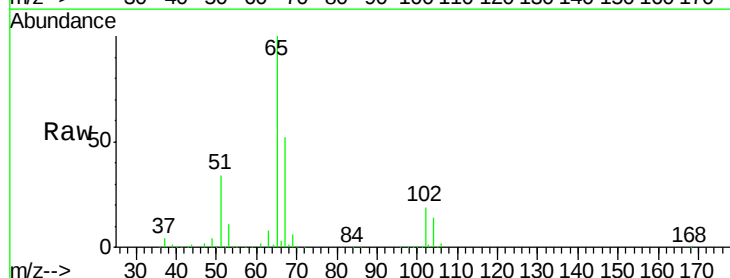
Acq: 16 Apr 2018 13:17

Tgt Ion: 65 Resp: 158238

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

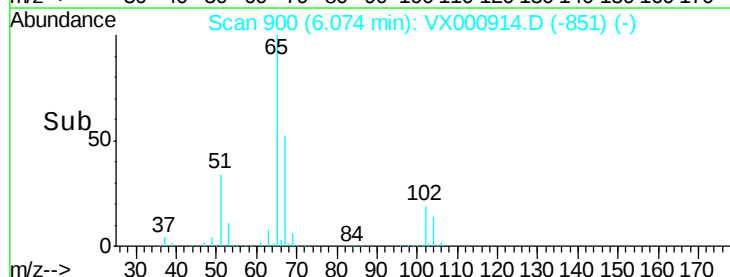
40000

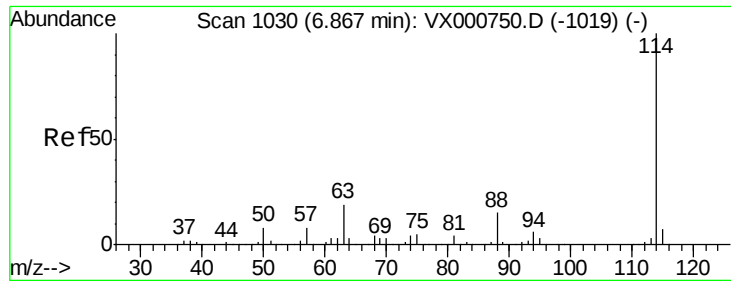
20000

0

Time-->

5.90 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: VX000914.D

Acq: 16 Apr 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBL01

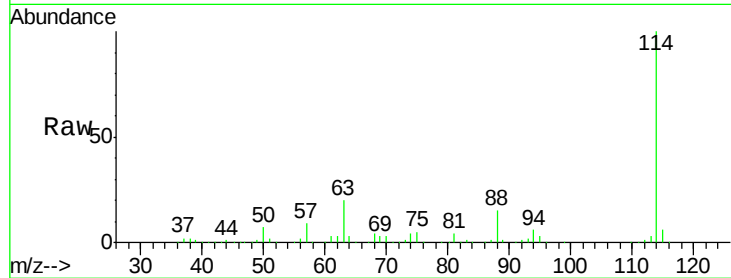
Tot Ion:114 Resp: 359212

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

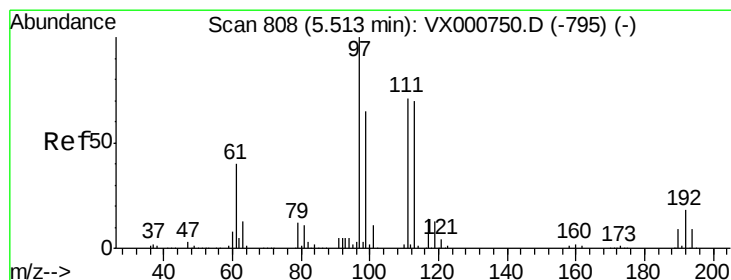
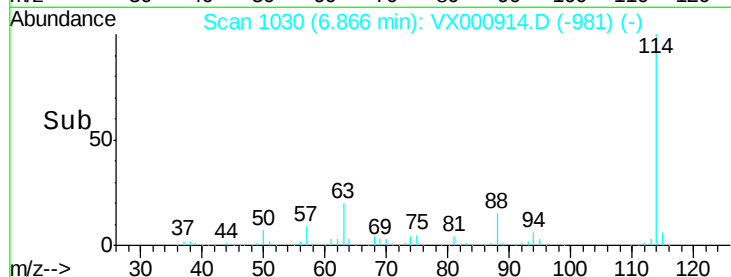
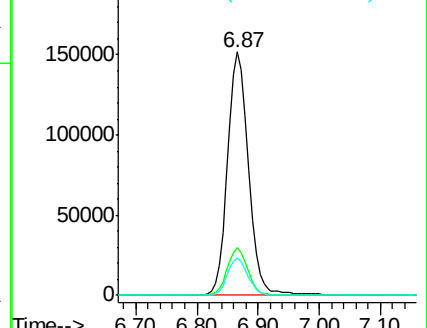
88 15.3 0.0 31.0



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: 46.05 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000914.D

Acq: 16 Apr 2018 13:17

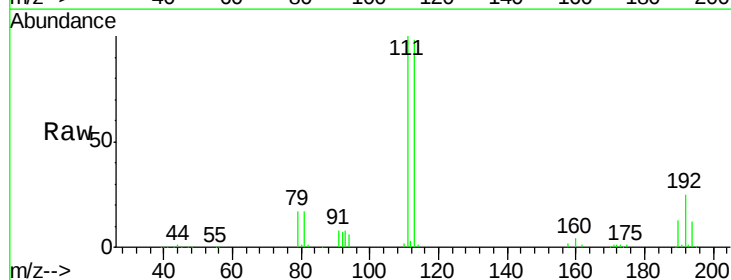
Tgt Ion:113 Resp: 127442

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

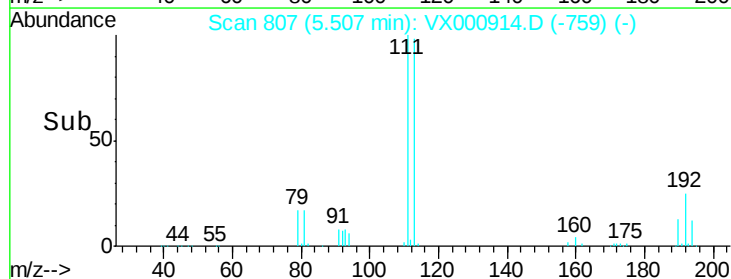
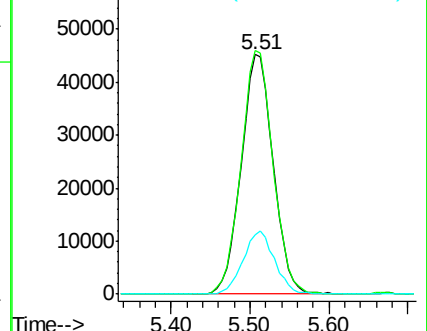
192 25.8 20.4 30.6

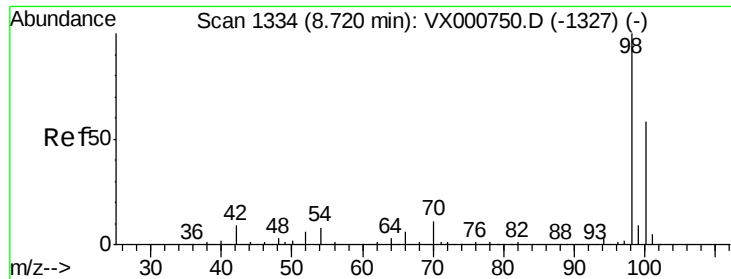


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.07 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000914.D

Acq: 16 Apr 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

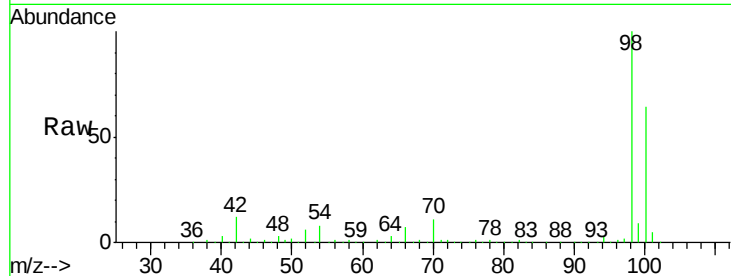
VX0416WBL01

Tot Ion: 98 Resp: 495293

Ion Ratio Lower Upper

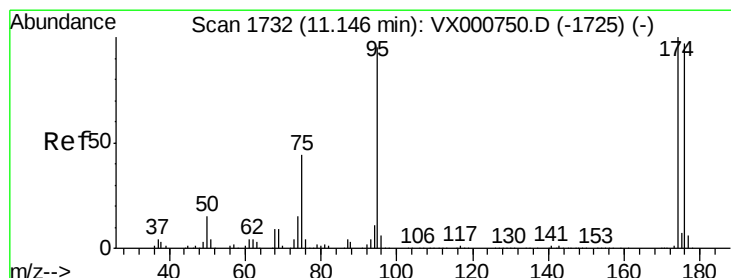
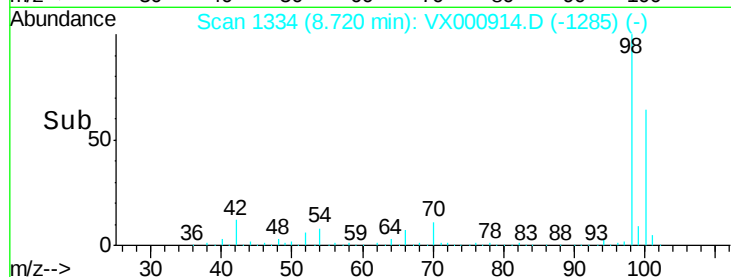
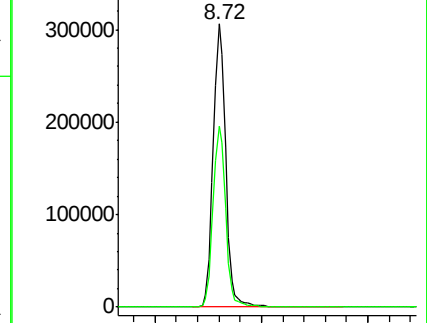
98 100

100 64.5 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: 43.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000914.D

Acq: 16 Apr 2018 13:17

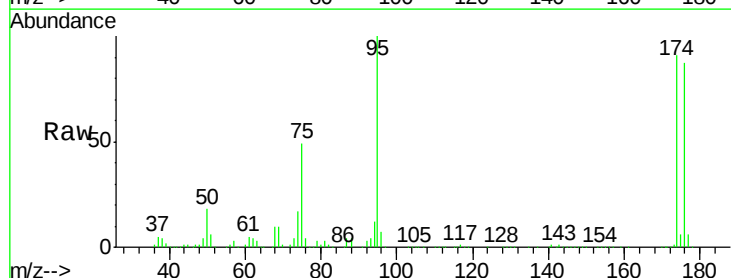
Tgt Ion: 95 Resp: 183594

Ion Ratio Lower Upper

95 100

174 98.3 0.0 198.4

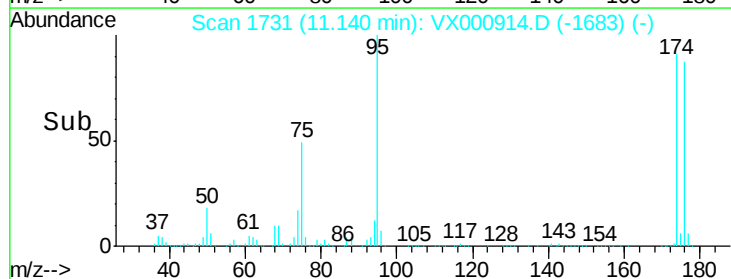
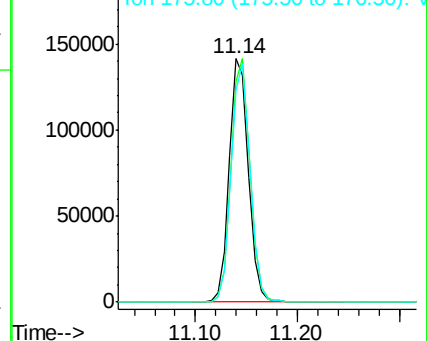
176 96.2 0.0 194.4



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

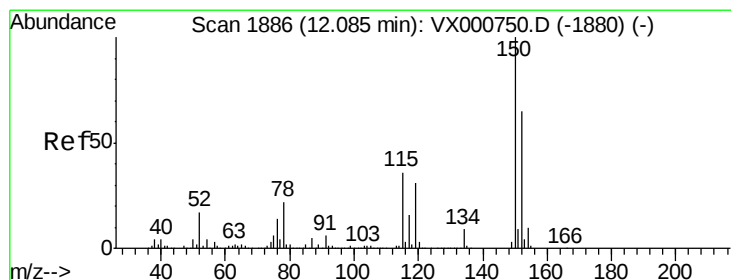
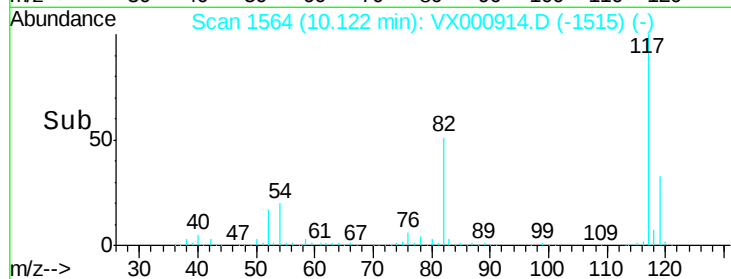
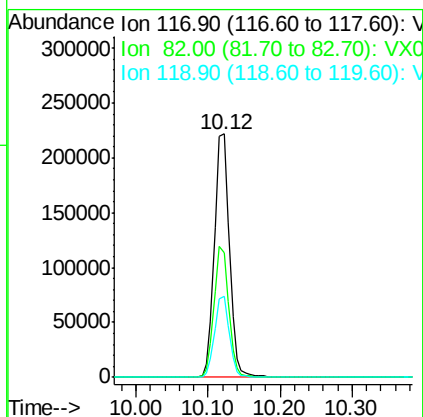
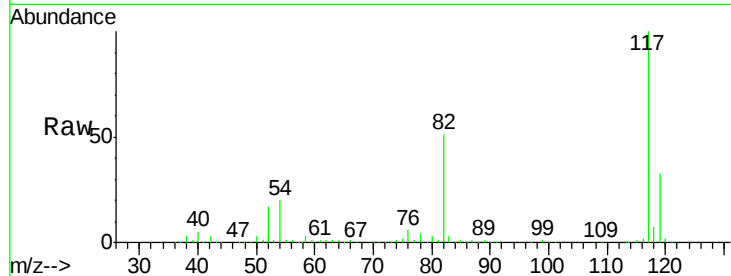




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000914.D
Acq: 16 Apr 2018 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBL01

Tot Ion:117 Resp: 320933
Ion Ratio Lower Upper
117 100
82 51.2 41.9 62.9
119 33.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000914.D
Acq: 16 Apr 2018 13:17

Tgt Ion:152 Resp: 197948
Ion Ratio Lower Upper
152 100
115 54.0 37.9 113.7
150 158.1 0.0 348.0

