

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000923.D
 Acq On : 16 Apr 2018 17:06
 Operator : JC/MD
 Sample : J2163-05
 Misc : 5.93g/5.0mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-01-041118-C

Quant Time: Apr 16 17:40:07 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	239994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	327521	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220301	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	141855	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
35) Dibromofluoromethane	5.51	113	110314	43.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.44%	
50) Toluene-d8	8.72	98	457055	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.15	95	188668	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	

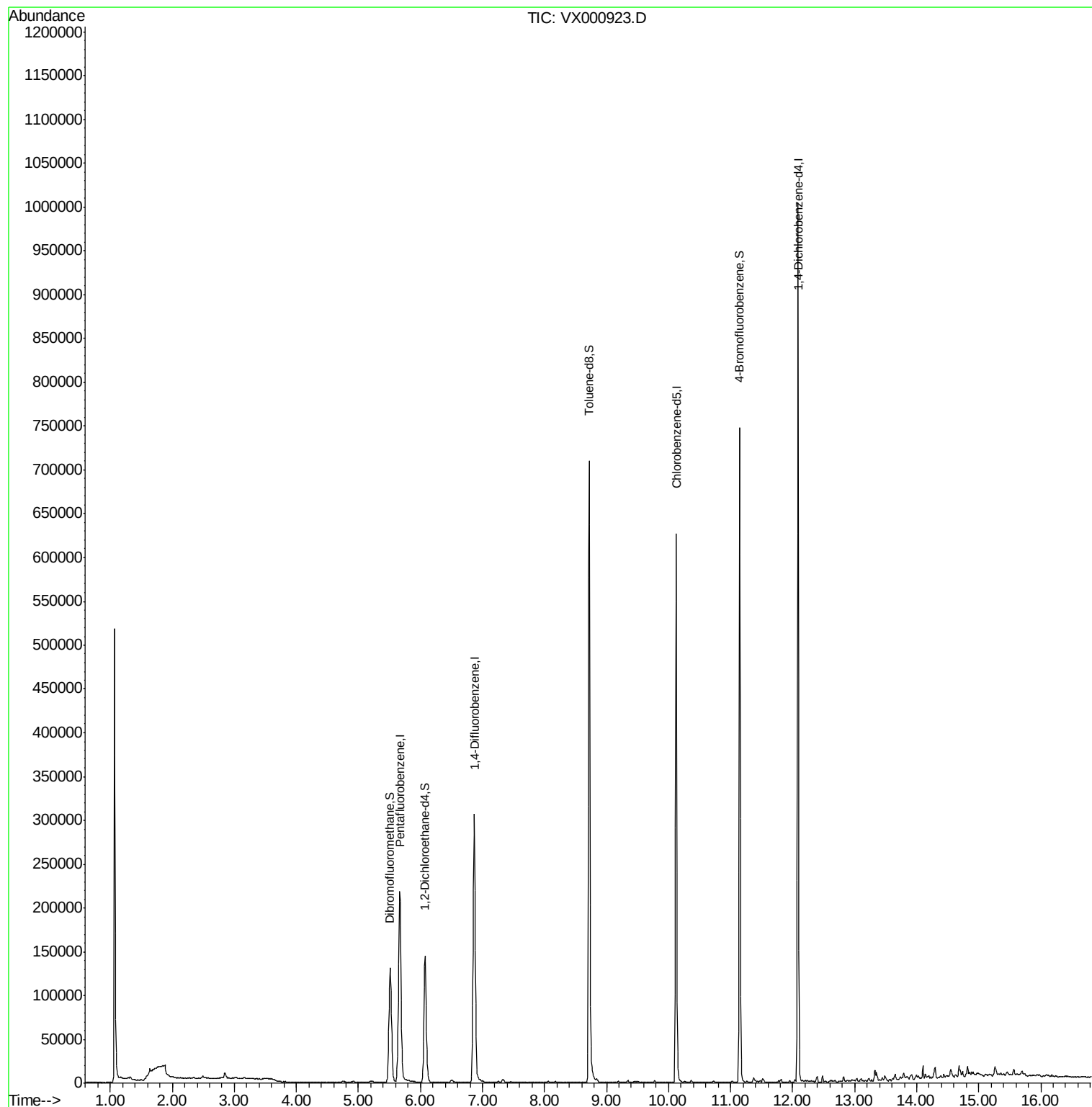
Target Compounds	Qvalue
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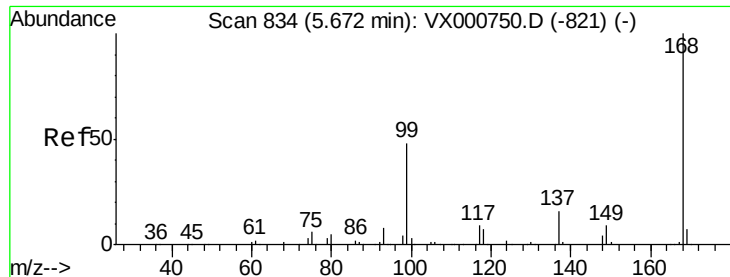
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX000923.D

Acq: 16 Apr 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

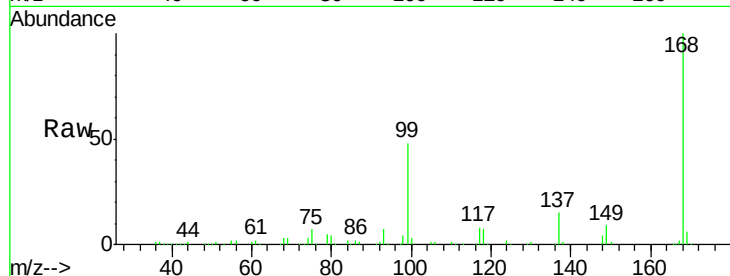
PL-01-041118-C

Tot Ion:168 Resp: 239994

Ion Ratio Lower Upper

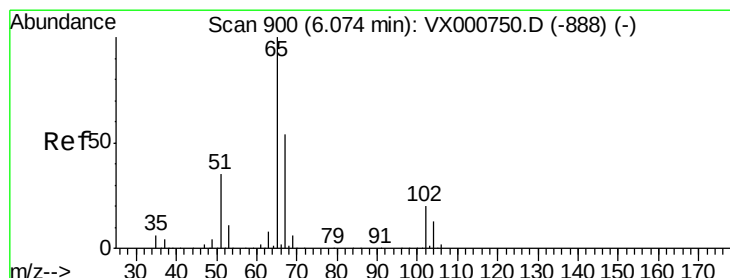
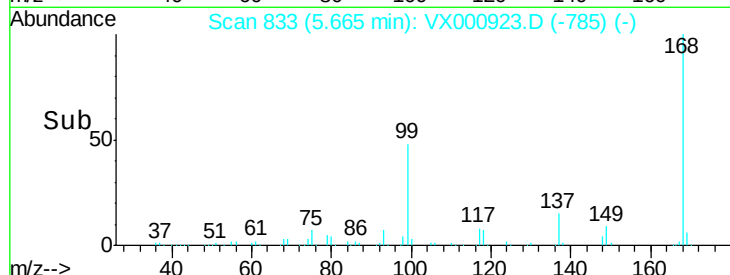
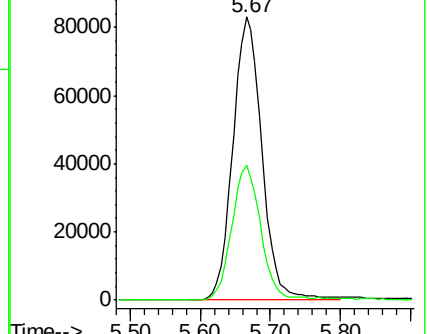
168 100

99 47.6 38.3 57.5



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: 46.88 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000923.D

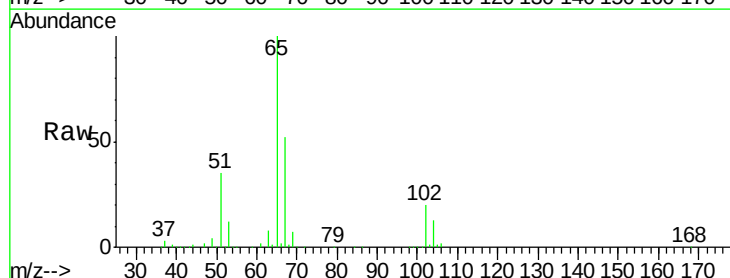
Acq: 16 Apr 2018 17:06

Tgt Ion: 65 Resp: 141855

Ion Ratio Lower Upper

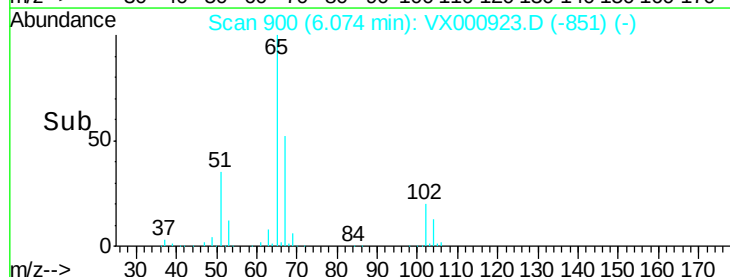
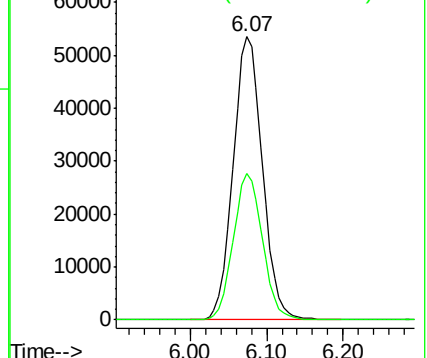
65 100

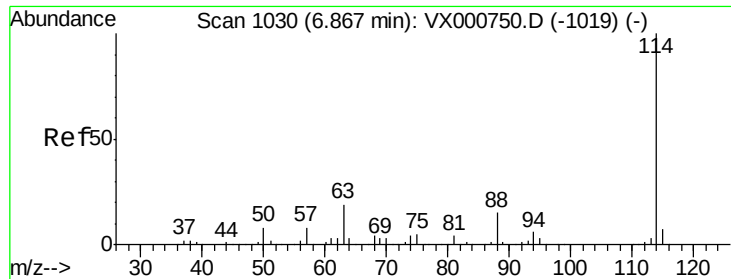
67 51.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

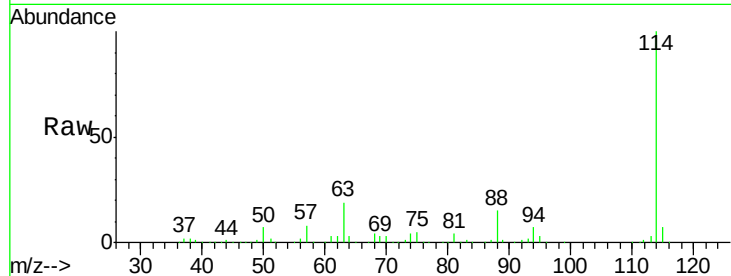




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000923.D
 Acq: 16 Apr 2018 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-01-041118-C

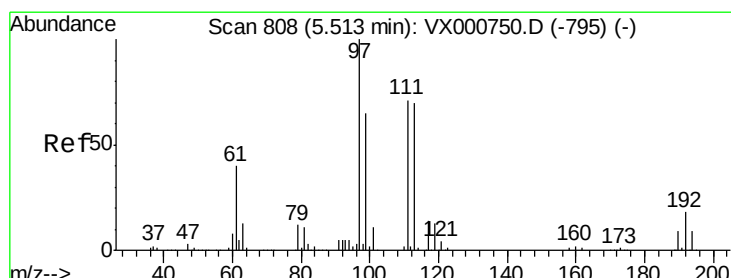
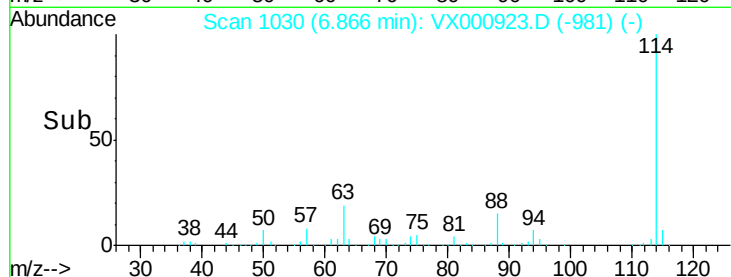
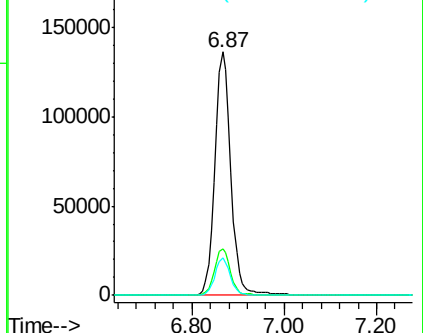
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.4
88	15.4	0.0	31.0



Abundance Ion 113.90 (113.60 to 114.60): V

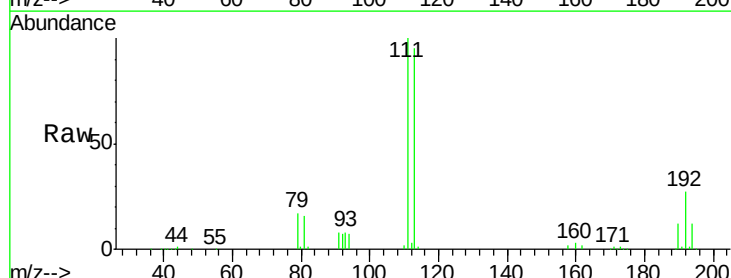
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 43.72 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000923.D
 Acq: 16 Apr 2018 17:06

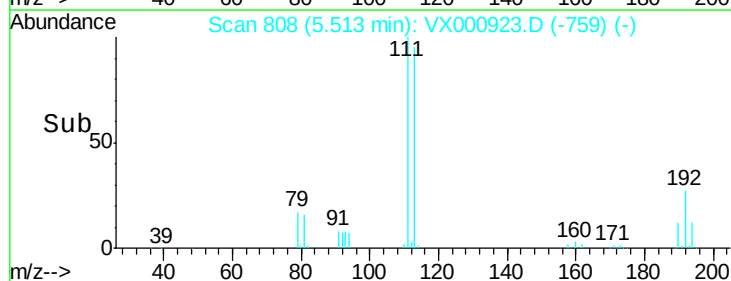
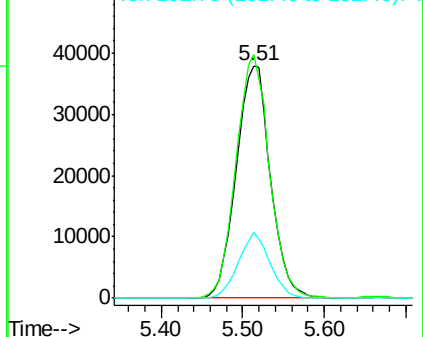
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	26.2	20.4	30.6

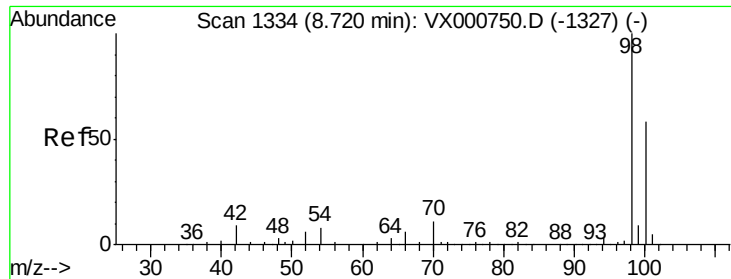


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.65 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000923.D

Acq: 16 Apr 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

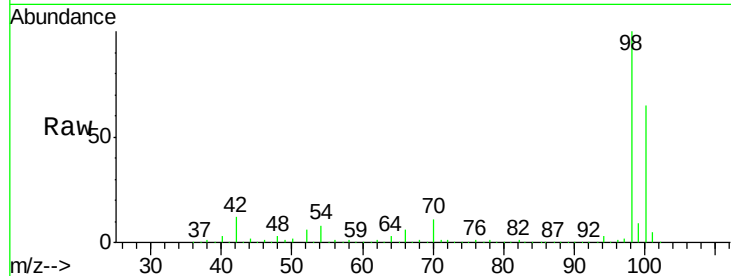
PL-01-041118-C

Tot Ion: 98 Resp: 457055

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

8.72

250000

200000

150000

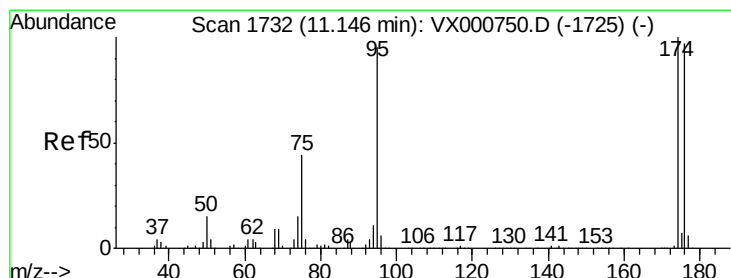
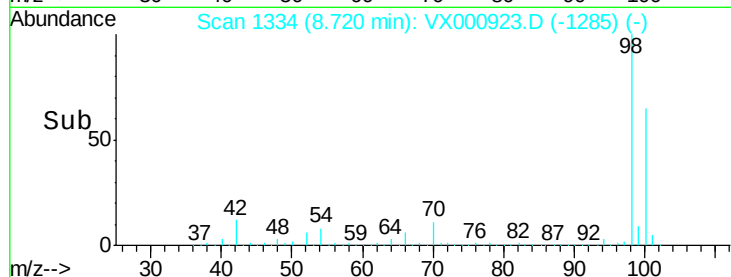
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 48.54 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000923.D

Acq: 16 Apr 2018 17:06

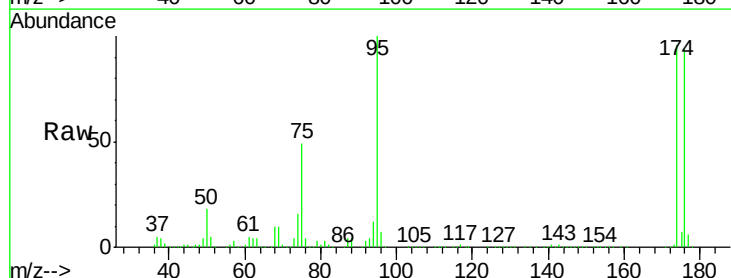
Tgt Ion: 95 Resp: 188668

Ion Ratio Lower Upper

95 100

174 98.4 0.0 198.4

176 95.8 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

200000

150000

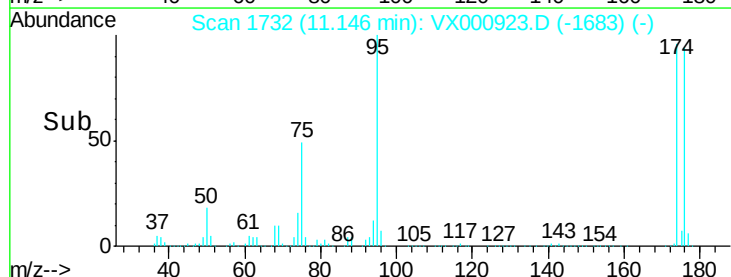
100000

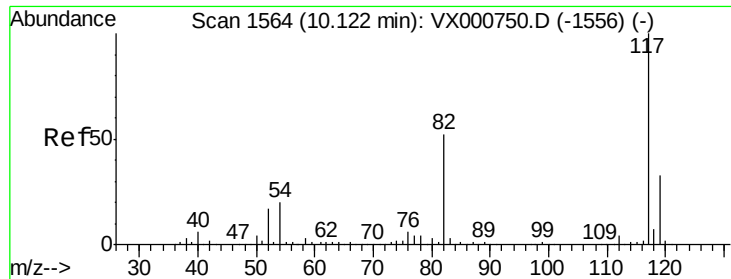
50000

0

Time-->

11.10 11.20

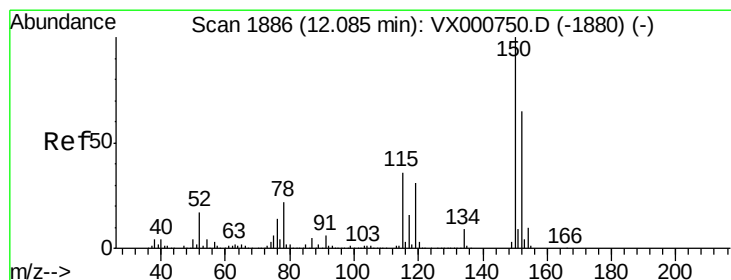
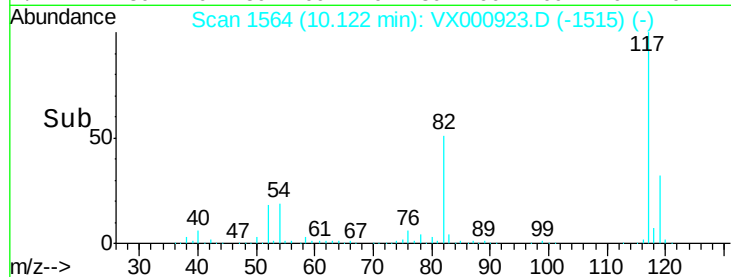
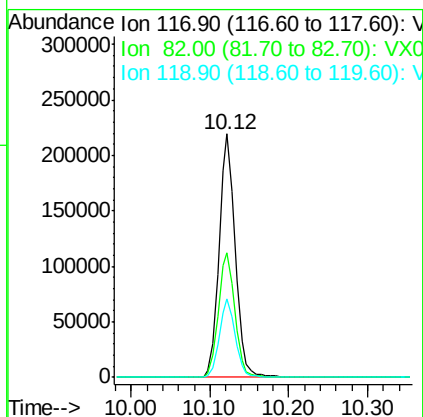
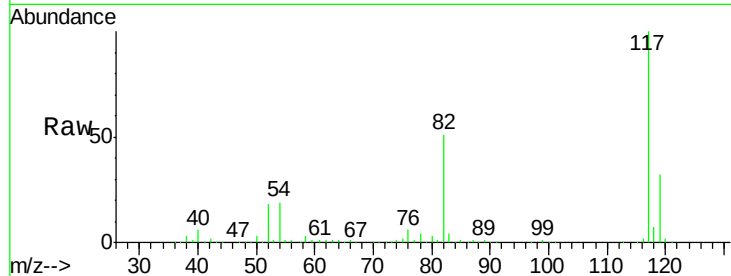




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000923.D
Acq: 16 Apr 2018 17:06

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tot Ion:117 Resp: 312046
Ion Ratio Lower Upper
117 100
82 51.3 41.9 62.9
119 32.2 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: VX000923.D
Acq: 16 Apr 2018 17:06

Tgt Ion:152 Resp: 220301
Ion Ratio Lower Upper
152 100
115 53.6 37.9 113.7
150 157.1 0.0 348.0

