

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001090.D
 Acq On : 24 Apr 2018 21:53
 Operator : JC/MD
 Sample : J2463-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1TB07-180416

Quant Time: Apr 25 07:51:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	324682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	158814	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	168845	57.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.50%	
35) Dibromofluoromethane	5.51	113	129085	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
50) Toluene-d8	8.73	98	482162	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	11.14	95	163821	42.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.28%	

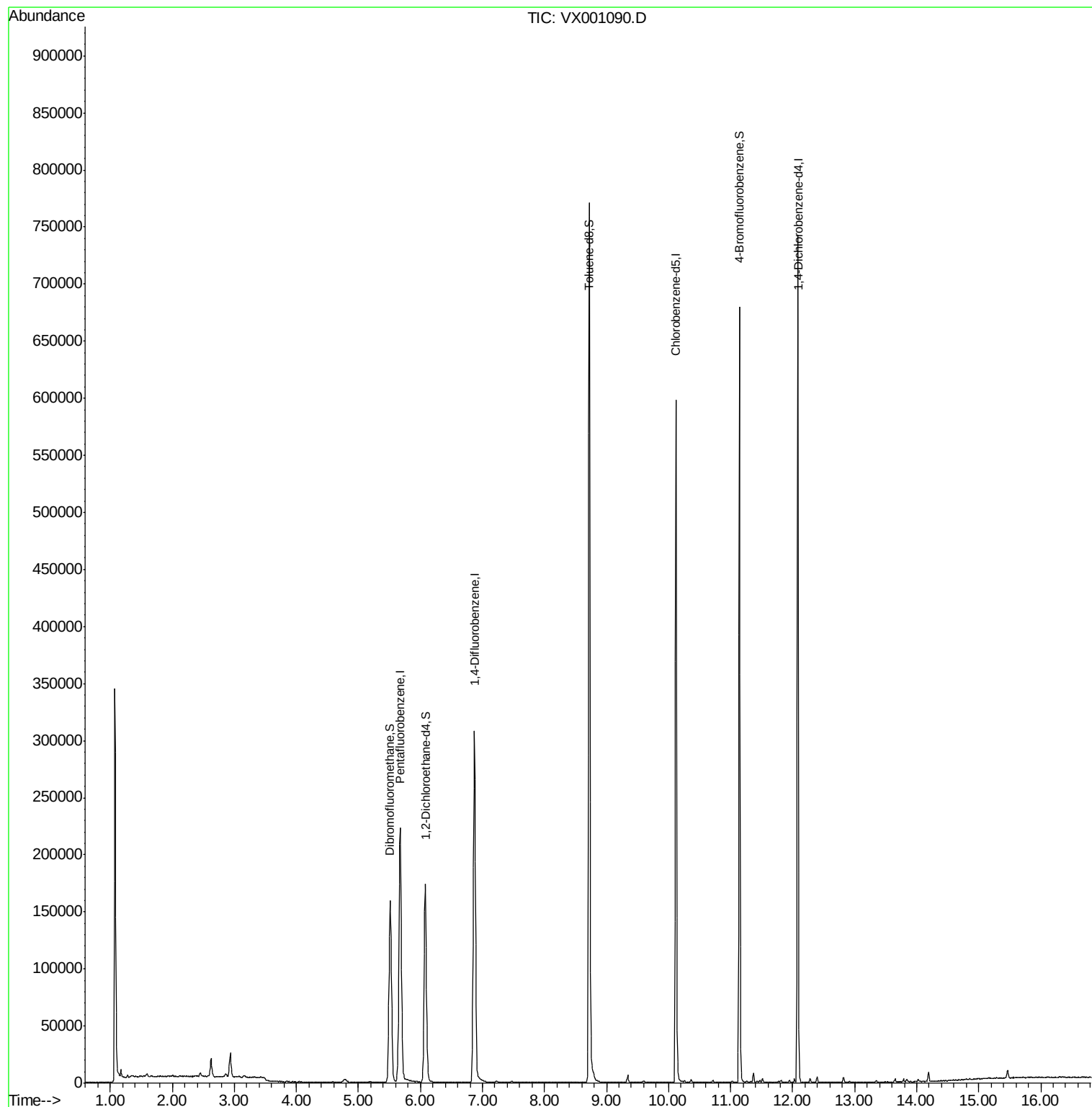
Target Compounds	Qvalue
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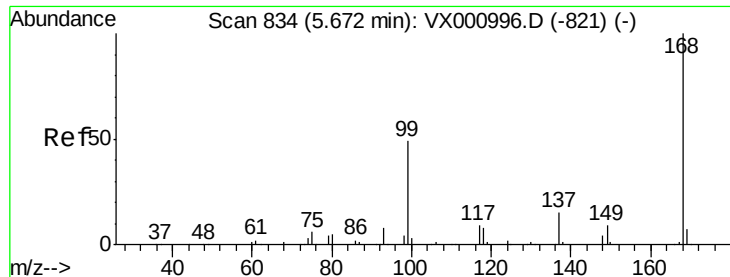
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001090.D

Acq: 24 Apr 2018 21:53

Instrument :

MSVOA_X

ClientSampleId :

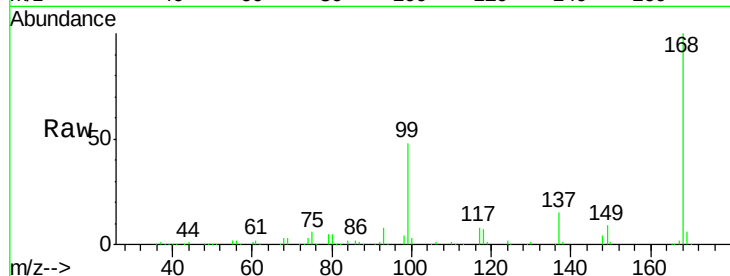
Z1TB07-180416

Tot Ion:168 Resp: 232665

Ion Ratio Lower Upper

168 100

99 48.5 39.2 58.8

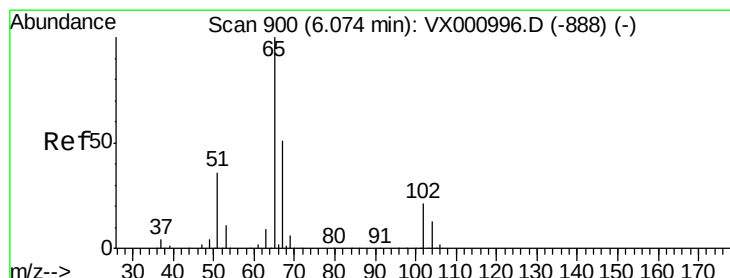
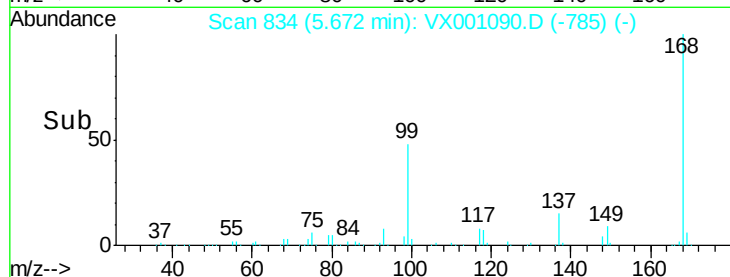


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 57.25 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001090.D

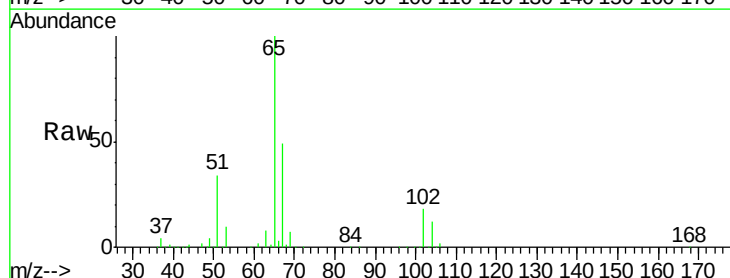
Acq: 24 Apr 2018 21:53

Tgt Ion: 65 Resp: 168845

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.6

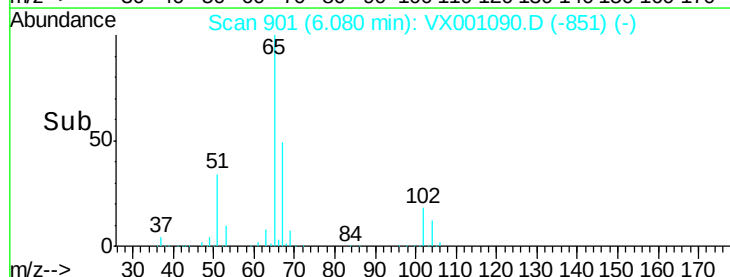


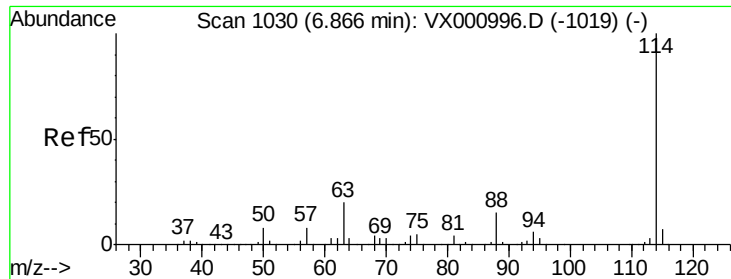
Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

Time--> 5.90 6.00 6.10 6.20 6.30

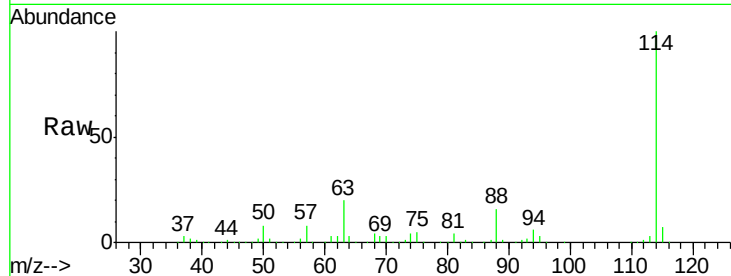




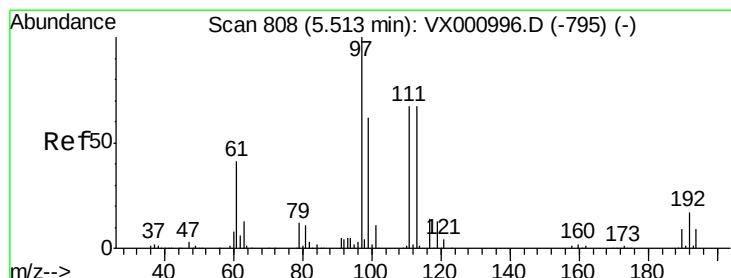
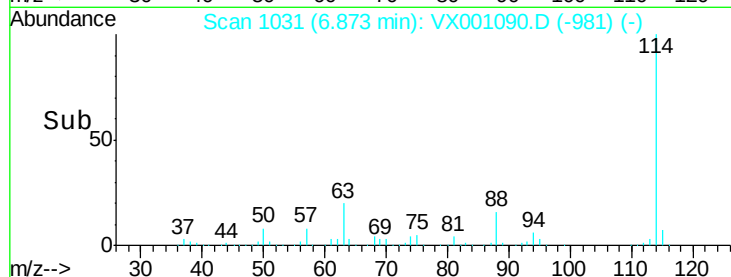
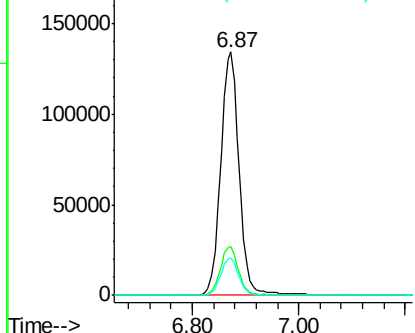
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001090.D
 Acq: 24 Apr 2018 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1TB07-180416

Tot Ion:114 Resp: 324682
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.4
 88 15.5 0.0 29.8

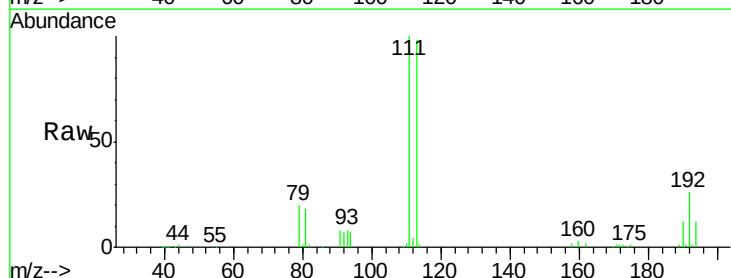


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

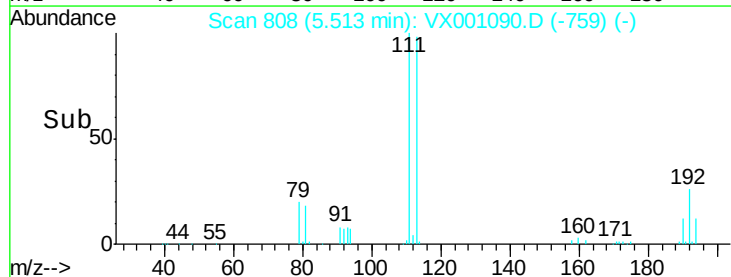
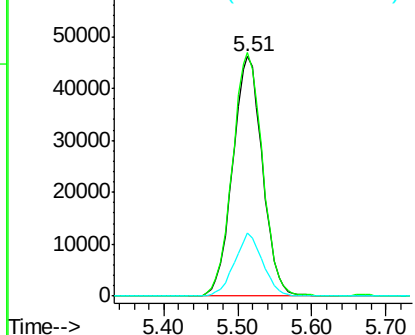


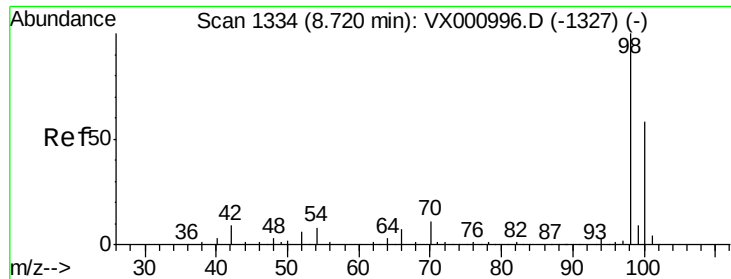
#35
 Dibromofluoromethane
 Concen: 52.14 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001090.D
 Acq: 24 Apr 2018 21:53

Tgt Ion:113 Resp: 129085
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.2
 192 24.9 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: 52.67 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX001090.D

Acq: 24 Apr 2018 21:53

Instrument :

MSVOA_X

ClientSampleId :

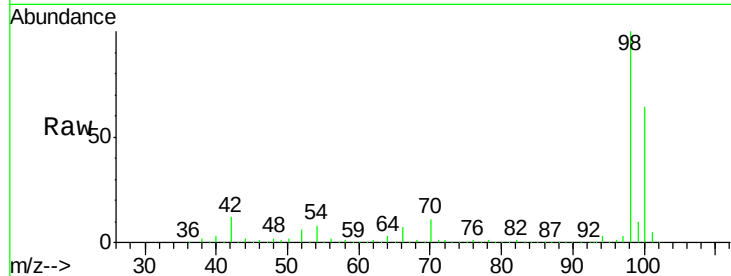
Z1TB07-180416

Tot Ion: 98 Resp: 482162

Ion Ratio Lower Upper

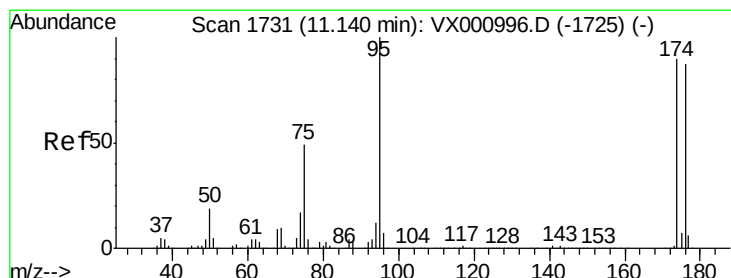
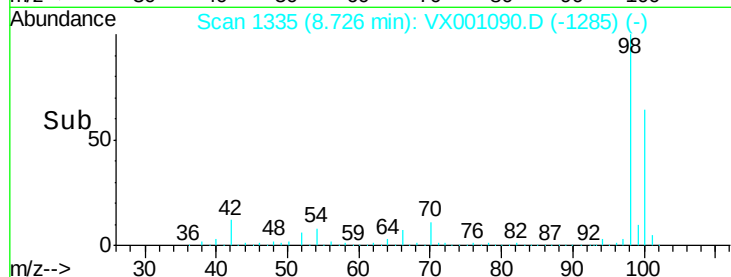
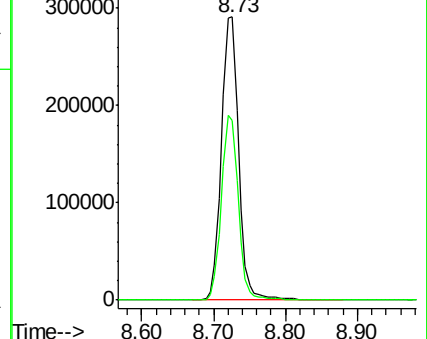
98 100

100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001090.D

Acq: 24 Apr 2018 21:53

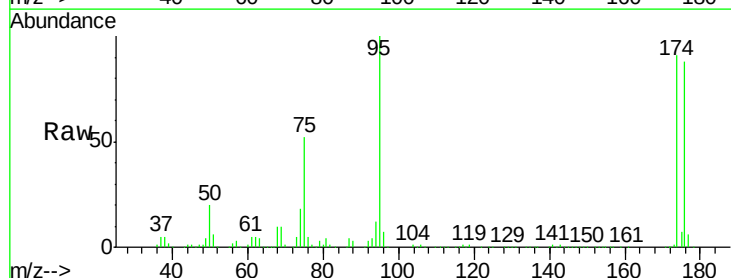
Tgt Ion: 95 Resp: 163821

Ion Ratio Lower Upper

95 100

174 98.0 0.0 198.4

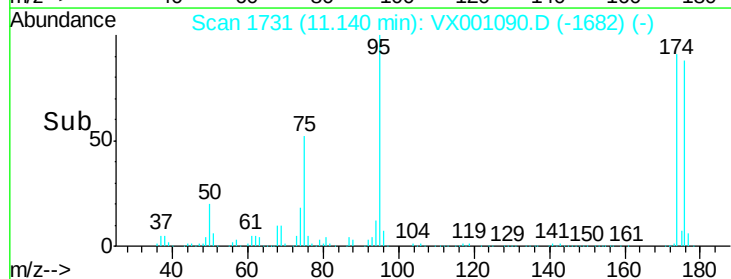
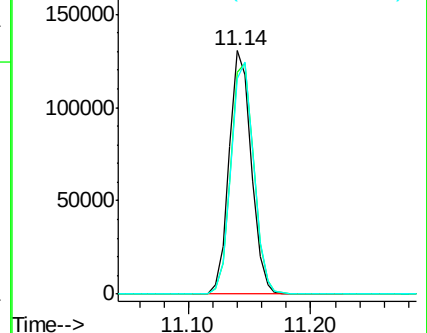
176 97.0 0.0 192.0

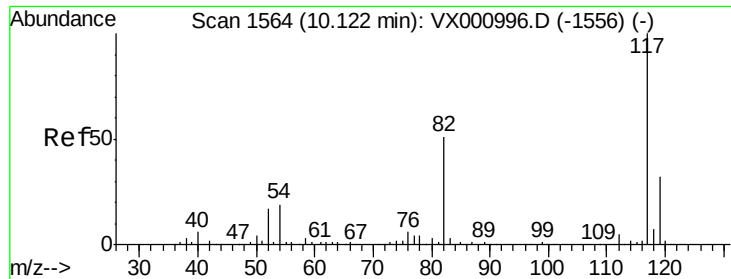


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

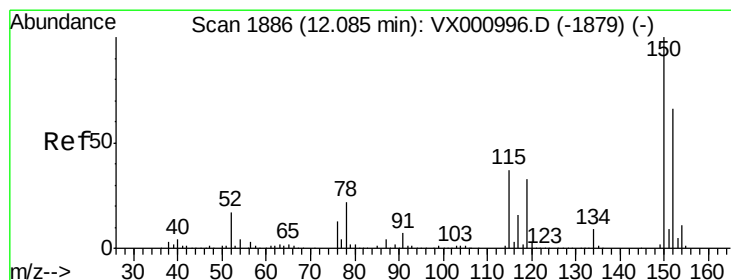
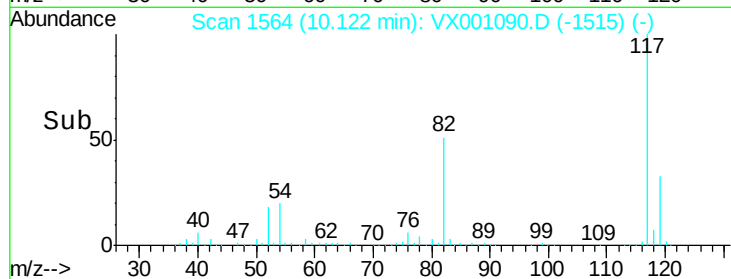
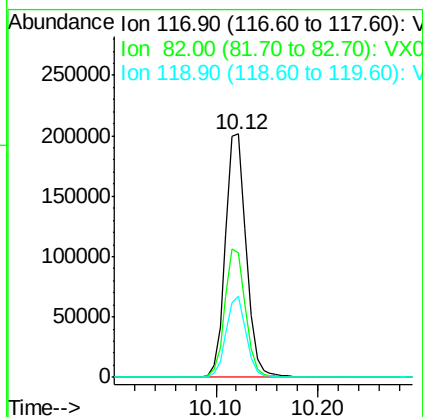
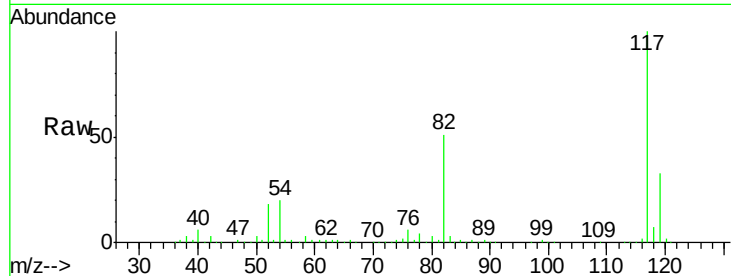




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001090.D
Acq: 24 Apr 2018 21:53

Instrument :
MSVOA_X
ClientSampled :
Z1TB07-180416

Tot Ion:117 Resp: 284857
Ion Ratio Lower Upper
117 100
82 51.2 40.6 60.8
119 33.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001090.D
Acq: 24 Apr 2018 21:53

Tgt Ion:152 Resp: 158814
Ion Ratio Lower Upper
152 100
115 53.2 38.2 114.6
150 155.7 0.0 350.4

