

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002615.D
 Acq On : 15 Jun 2018 23:42
 Operator : JC/MD
 Sample : J3467-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-05-061118

Quant Time: Jun 16 11:39:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	295444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	277175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157596	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	140079	44.85	ug/l	0.00
Spiked Amount			Recovery	=	89.70%	
35) Dibromofluoromethane	5.51	113	106797	45.29	ug/l	0.00
Spiked Amount			Recovery	=	90.58%	
50) Toluene-d8	8.72	98	423257	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	
62) 4-Bromofluorobenzene	11.14	95	148646	43.81	ug/l	0.00
Spiked Amount			Recovery	=	87.62%	

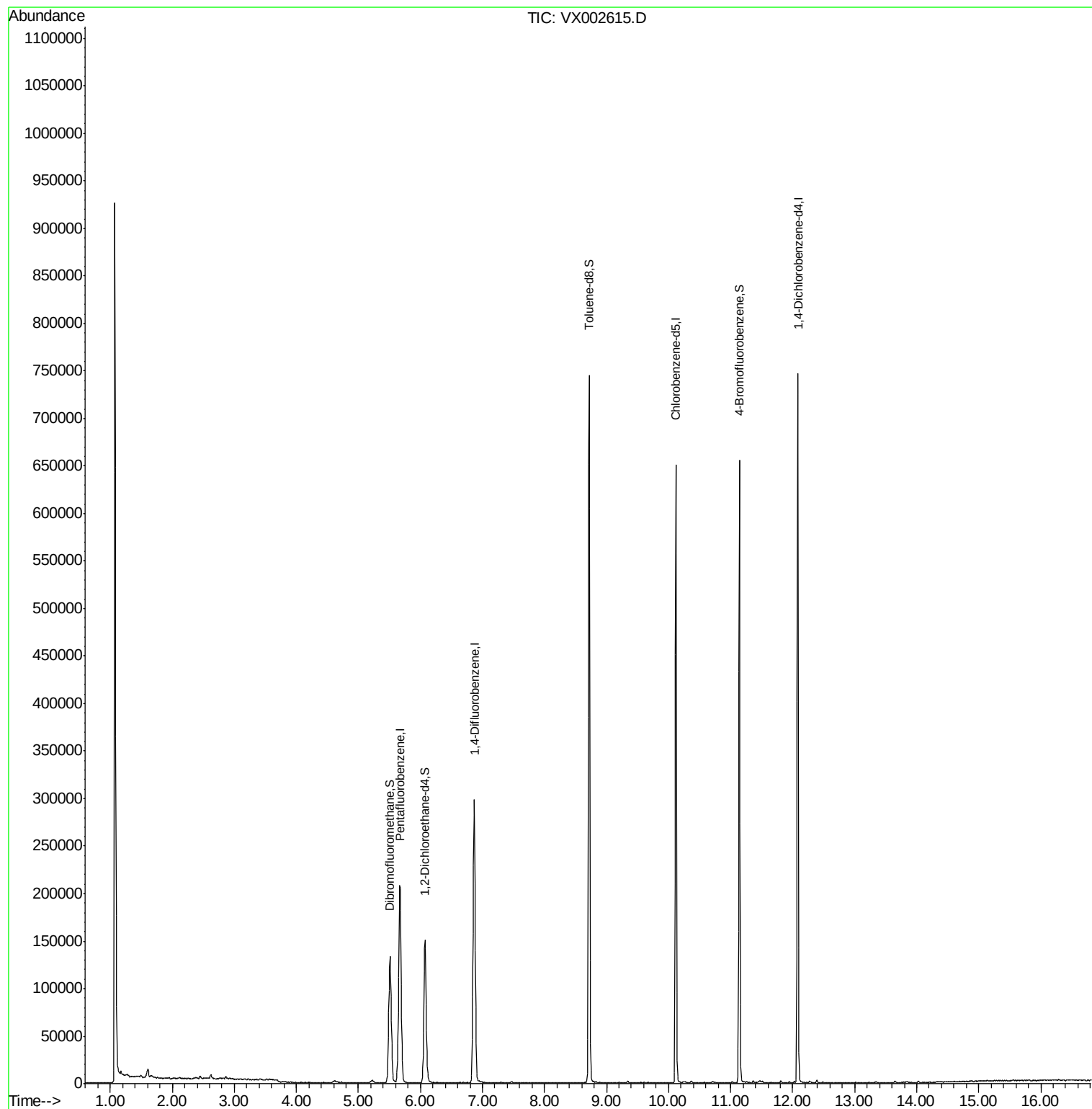
Target Compounds	Qvalue
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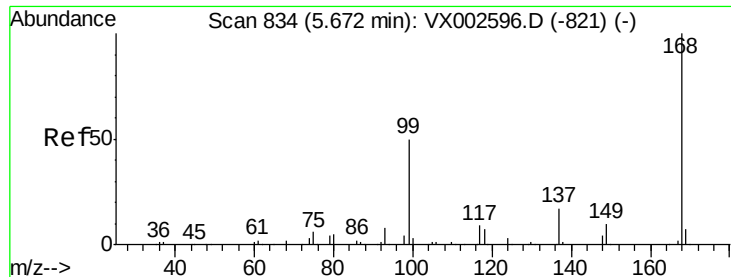
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002615.D

Acq: 15 Jun 2018 23:42

Instrument :

MSVOA_X

ClientSampleId :

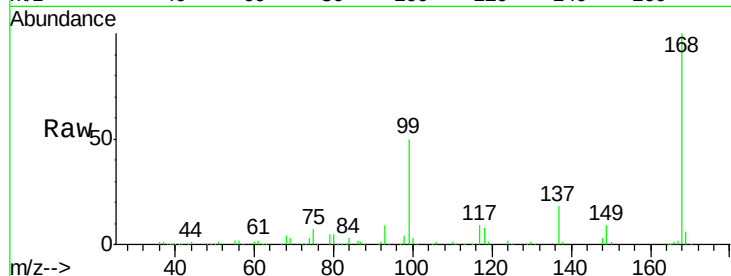
C-MW-05-061118

Tot Ion:168 Resp: 205509

Ion Ratio Lower Upper

168 100

99 49.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

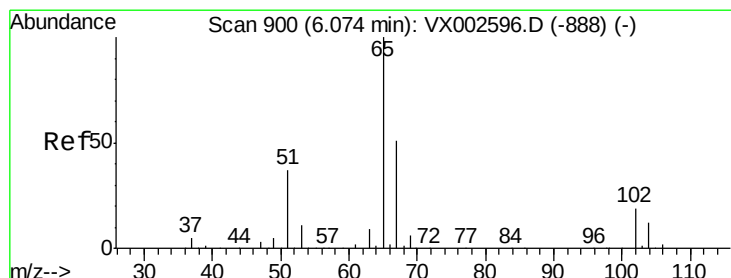
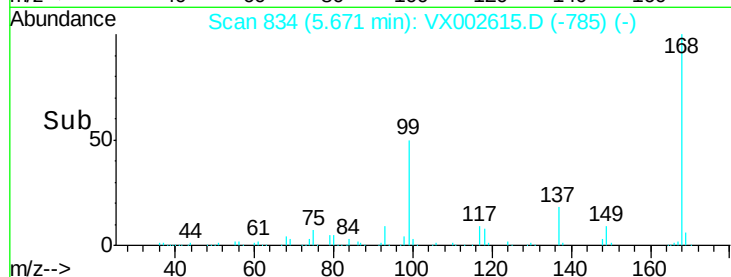
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 44.85 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002615.D

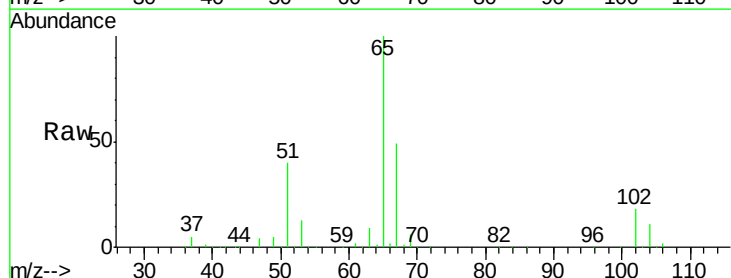
Acq: 15 Jun 2018 23:42

Tgt Ion: 65 Resp: 140079

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

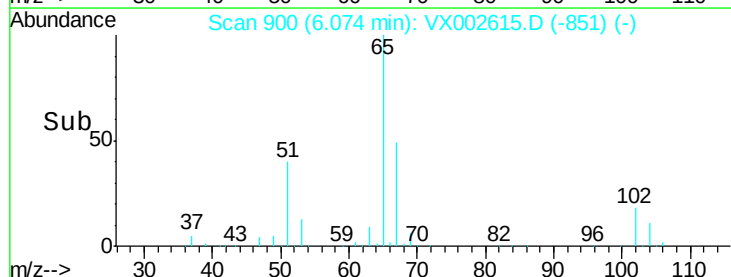
30000

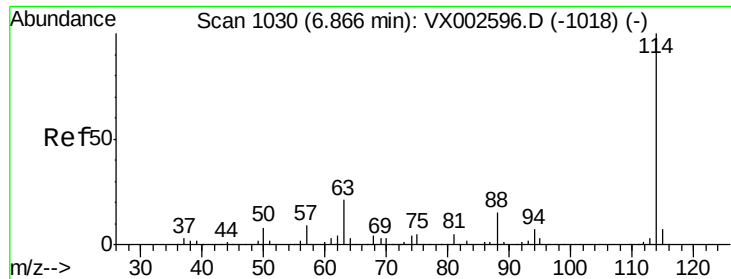
20000

10000

0

Time--> 6.00 6.10 6.20

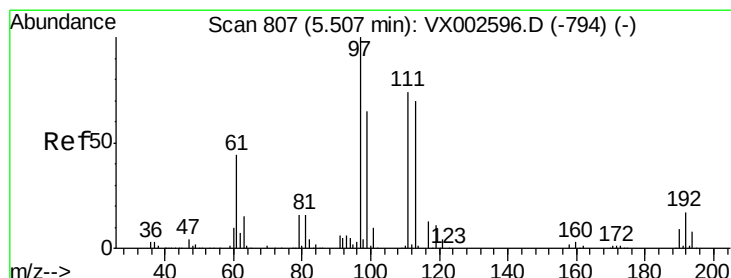
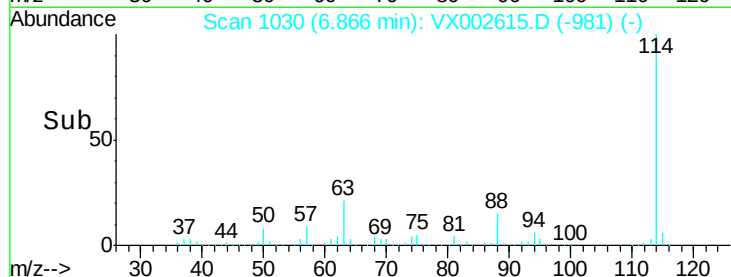
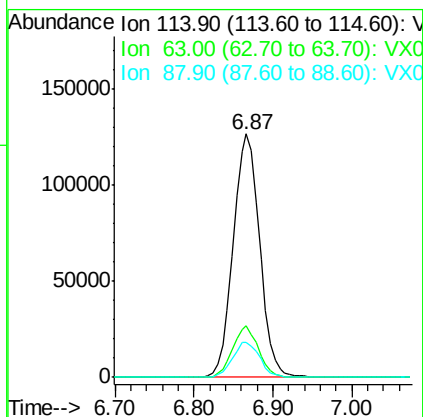
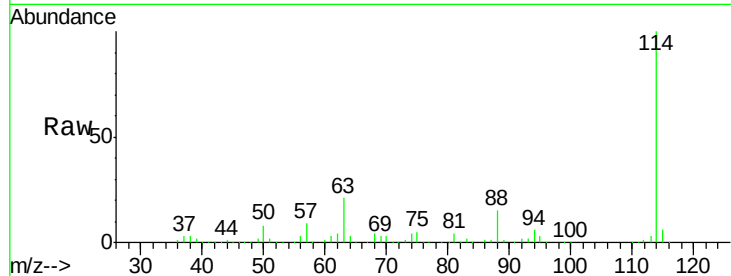




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002615.D
 Acq: 15 Jun 2018 23:42

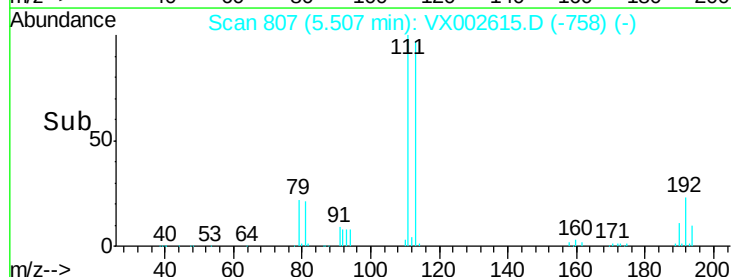
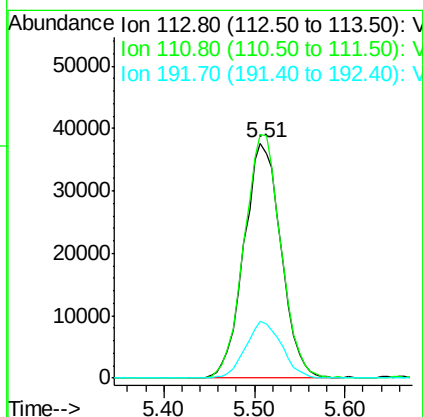
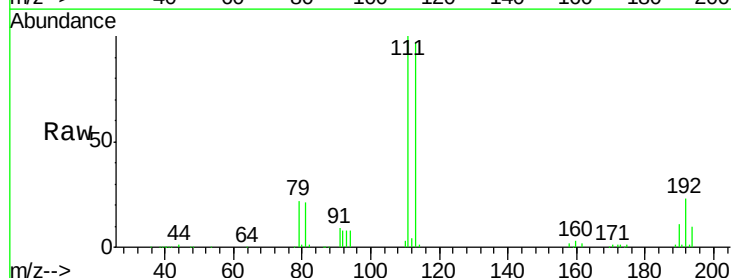
Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-05-061118

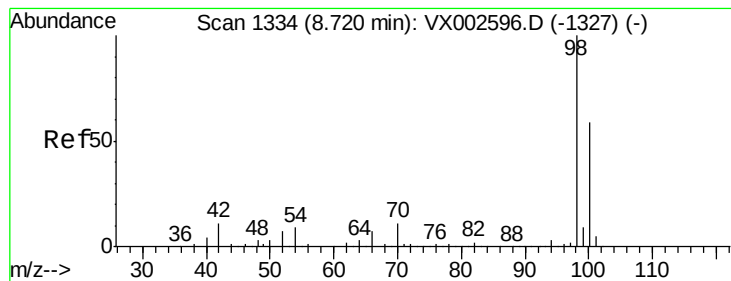
Tot Ion:114 Resp: 295444
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.4
 88 14.5 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 45.29 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002615.D
 Acq: 15 Jun 2018 23:42

Tgt Ion:113 Resp: 106797
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.0
 192 23.5 19.1 28.7





#50

Toluene-d8

Concen: 47.28 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002615.D

Acq: 15 Jun 2018 23:42

Instrument :

MSVOA_X

ClientSampleId :

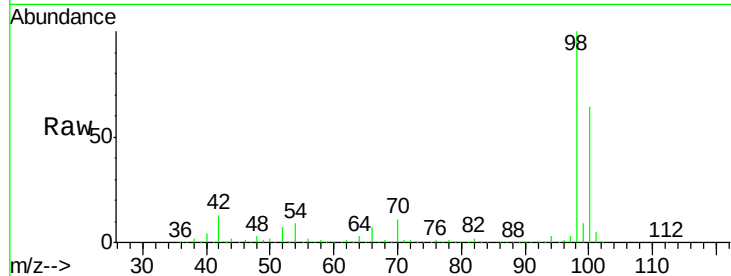
C-MW-05-061118

Tot Ion: 98 Resp: 423257

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

300000

250000

200000

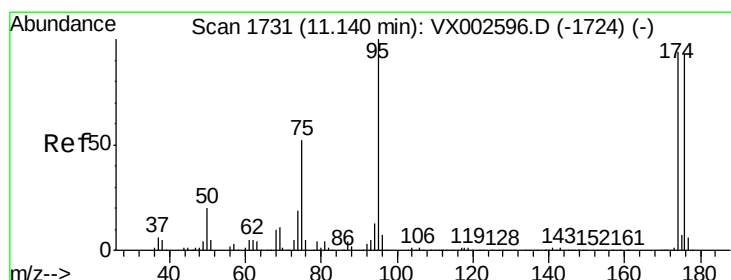
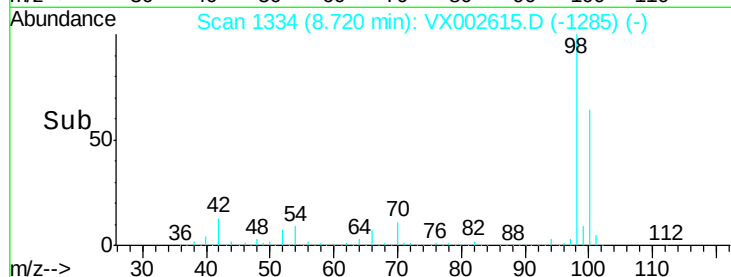
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 43.81 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002615.D

Acq: 15 Jun 2018 23:42

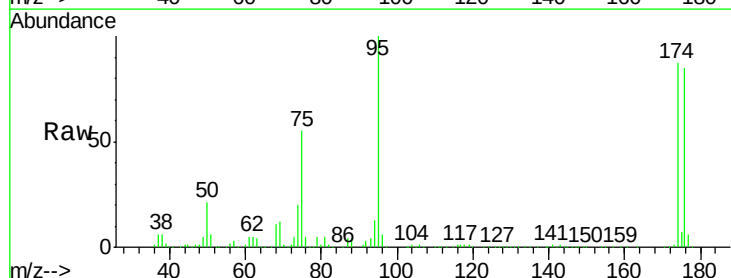
Tgt Ion: 95 Resp: 148646

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.4

176 92.3 0.0 181.0



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

11.14

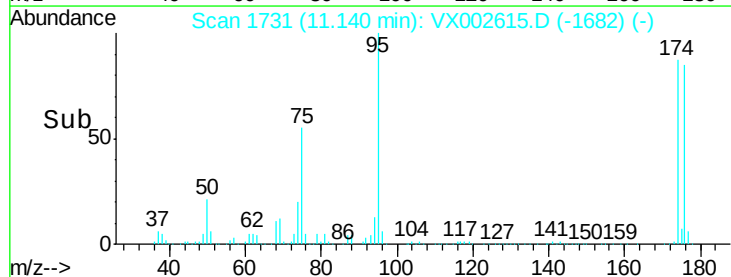
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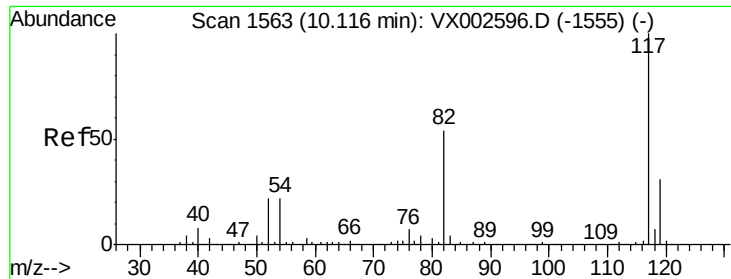
100000

50000

0

Time--> 11.10 11.20

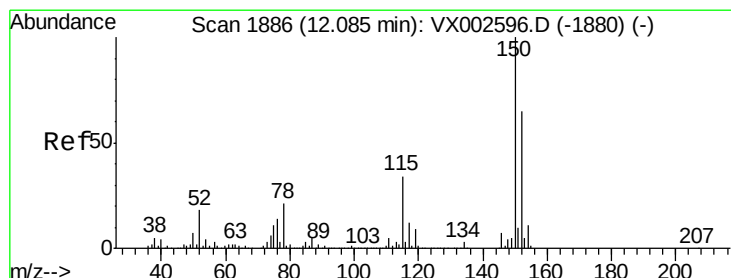
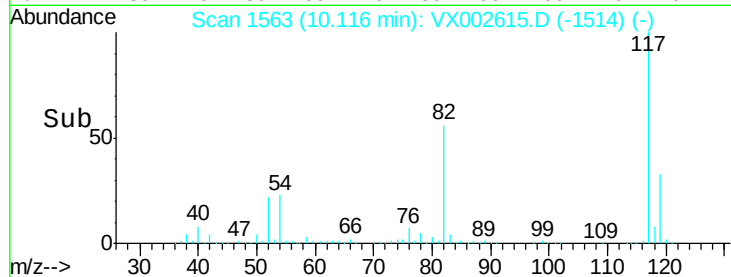
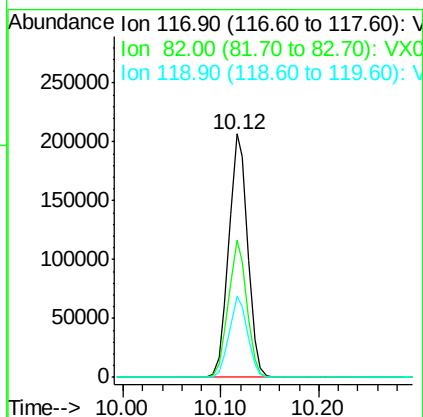
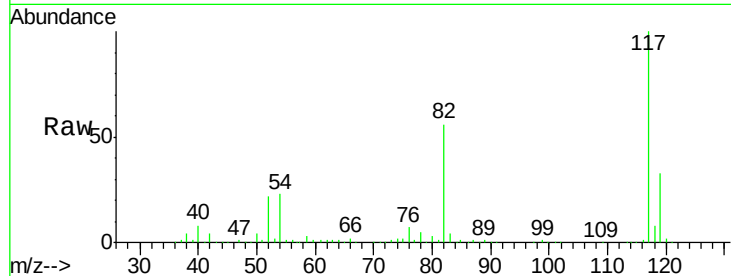




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002615.D
Acq: 15 Jun 2018 23:42

Instrument :
MSVOA_X
ClientSampled :
C-MW-05-061118

Tot Ion:117 Resp: 277175
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 33.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002615.D
Acq: 15 Jun 2018 23:42

Tgt Ion:152 Resp: 157596
Ion Ratio Lower Upper
152 100
115 54.5 40.1 120.2
150 156.0 0.0 347.2

