

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005668.D
 Acq On : 29 Oct 2018 18:44
 Operator : JC/MD
 Sample : J5692-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ183I-20181025

Quant Time: Oct 30 03:56:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	240920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159777	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137080	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	5.50	113	112889	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
50) Toluene-d8	8.71	98	405132	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
62) 4-Bromofluorobenzene	11.14	95	150844	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

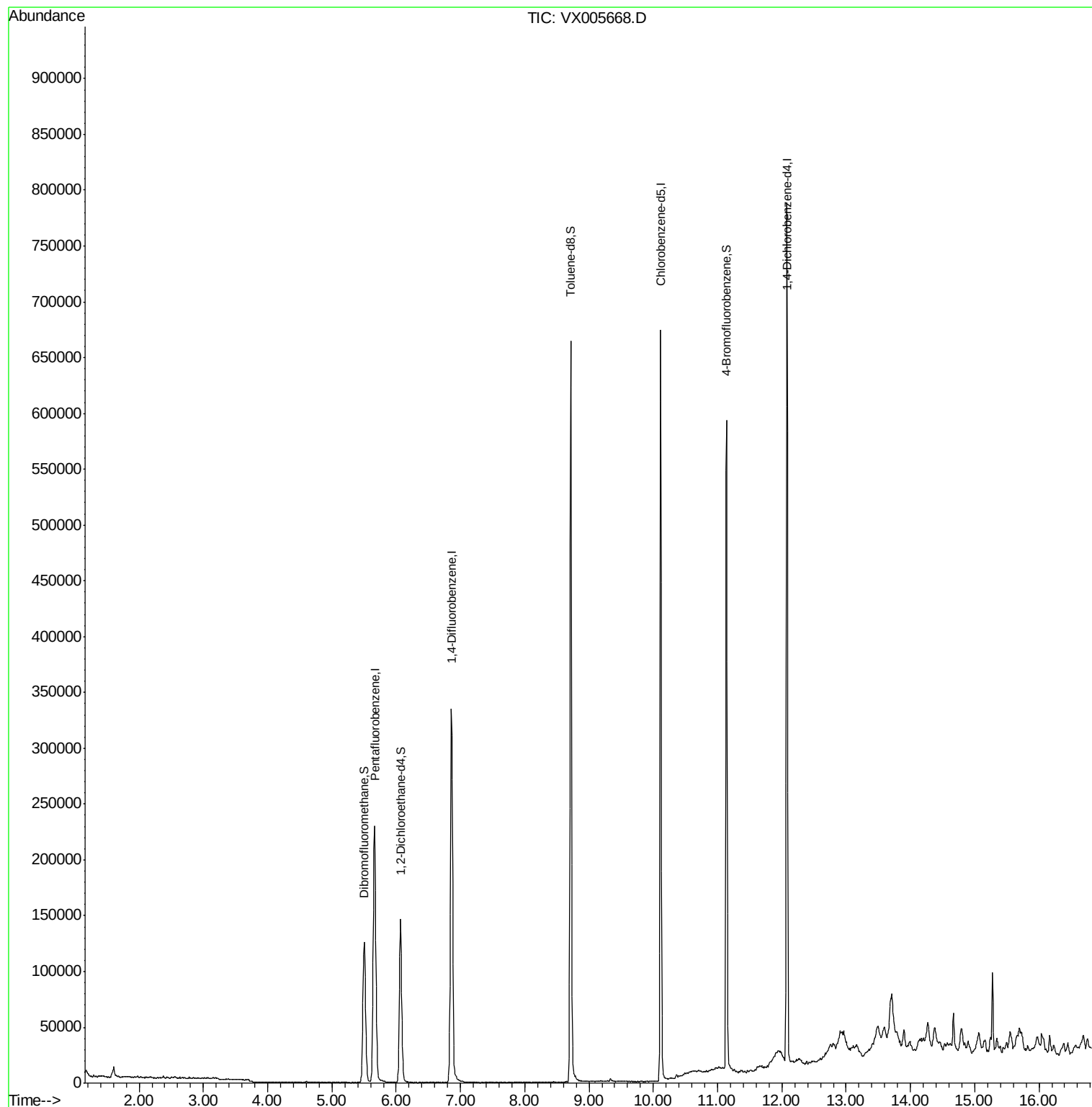
Target Compounds	Qvalue
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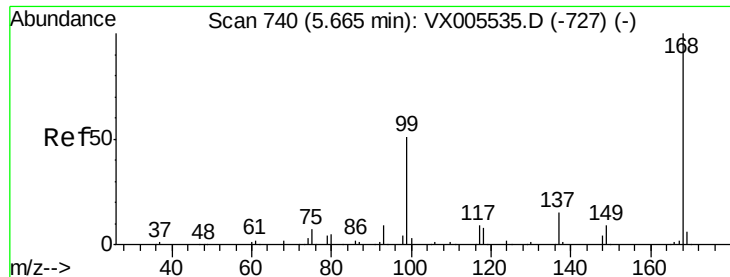
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005668.D

Acq: 29 Oct 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

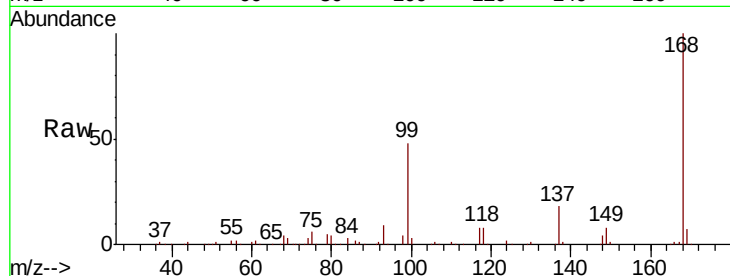
SA-PZ183I-20181025

Tot Ion:168 Resp: 240920

Ion Ratio Lower Upper

168 100

99 47.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

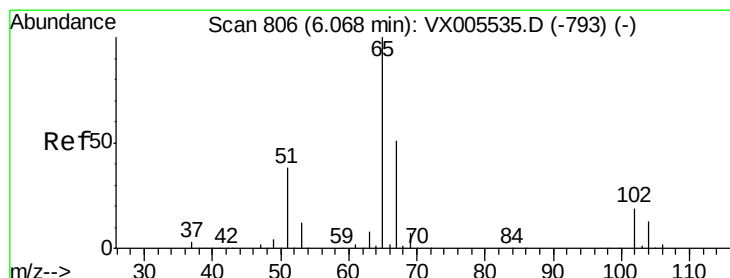
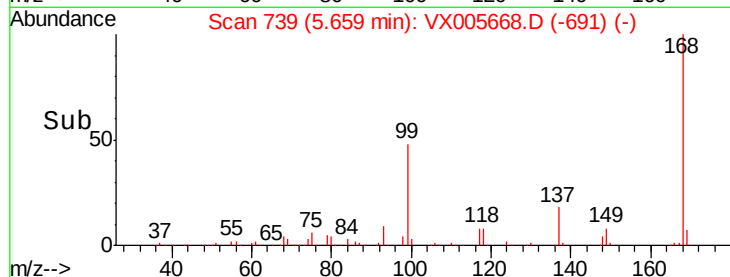
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.612 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005668.D

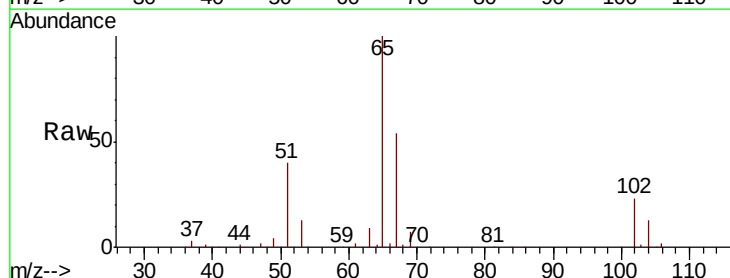
Acq: 29 Oct 2018 18:44

Tgt Ion: 65 Resp: 137080

Ion Ratio Lower Upper

65 100

67 55.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

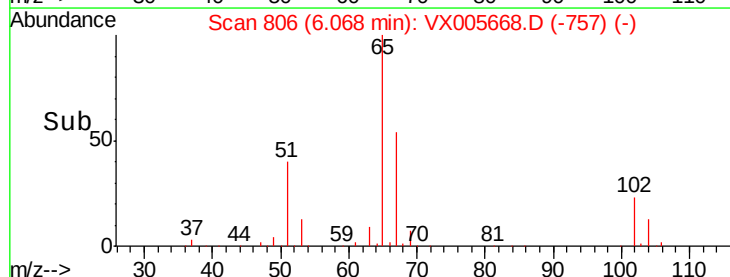
30000

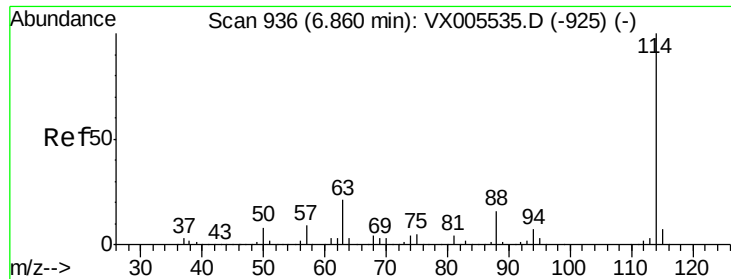
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

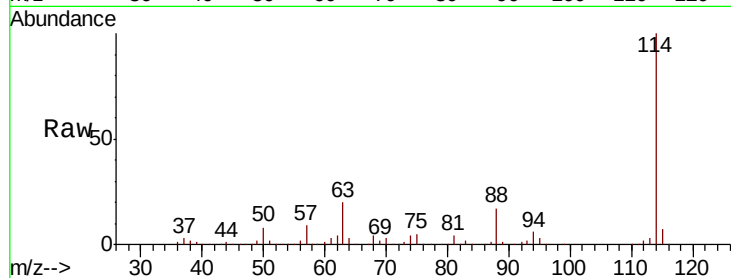




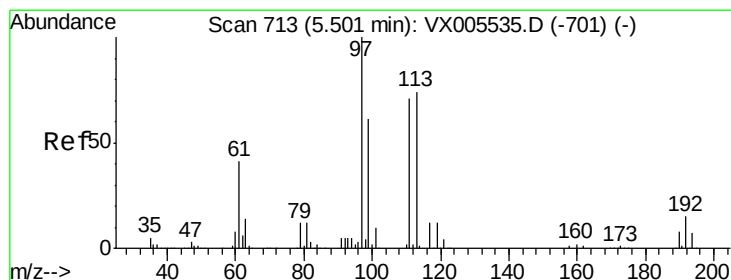
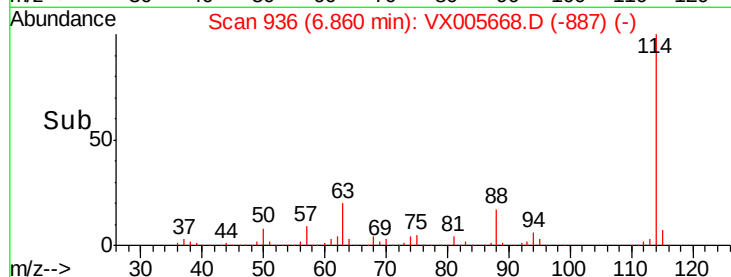
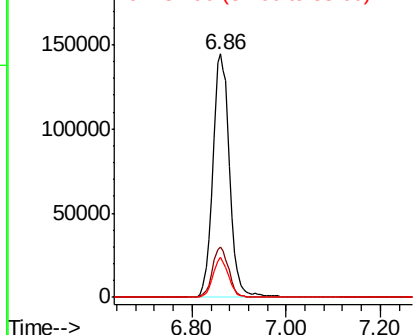
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005668.D
 Acq: 29 Oct 2018 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ183I-20181025

Tot Ion:114 Resp: 353773
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.8
 88 16.7 0.0 31.2

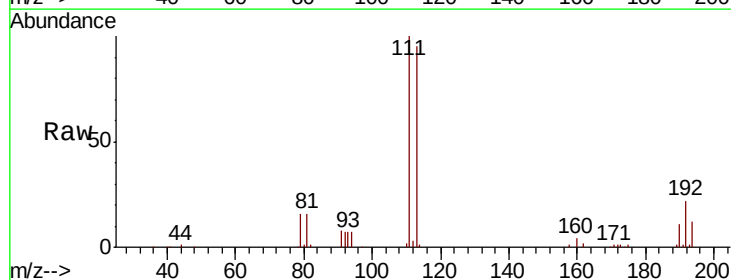


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

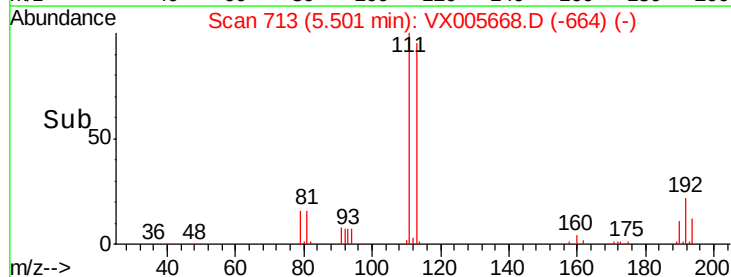
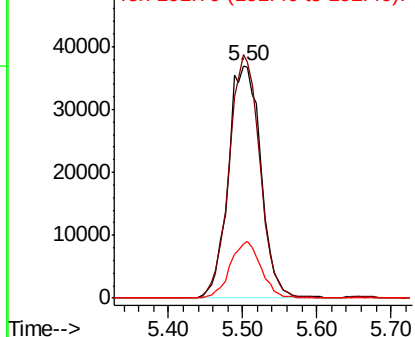


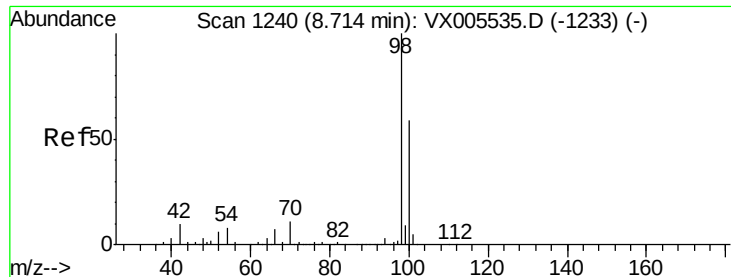
#35
 Dibromofluoromethane
 Concen: 47.126 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005668.D
 Acq: 29 Oct 2018 18:44

Tgt Ion:113 Resp: 112889
 Ion Ratio Lower Upper
 113 100
 111 99.1 82.3 123.5
 192 23.0 17.9 26.9



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: 47.068 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005668.D

Acq: 29 Oct 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

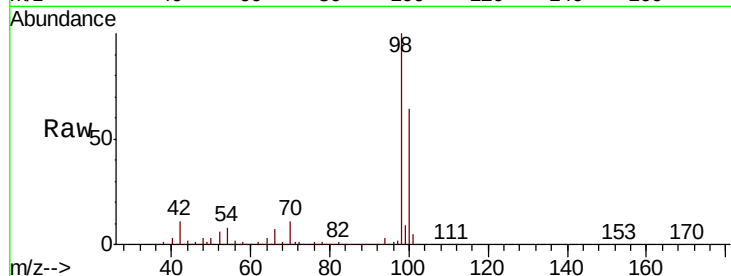
SA-PZ183I-20181025

Tot Ion: 98 Resp: 405132

Ion Ratio Lower Upper

98 100

100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

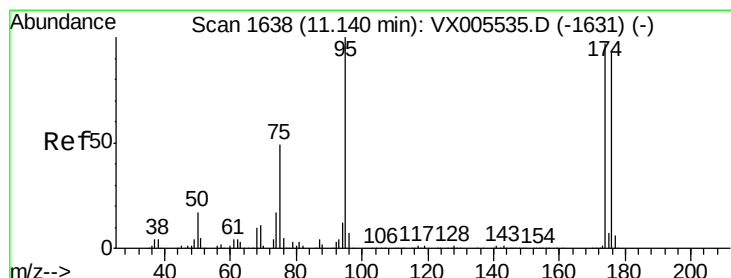
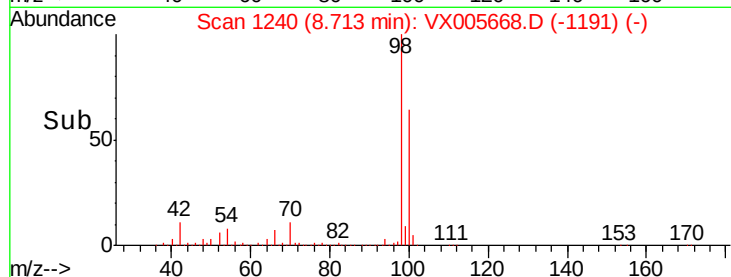
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.406 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005668.D

Acq: 29 Oct 2018 18:44

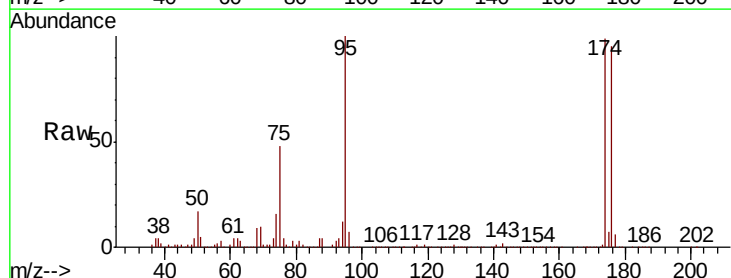
Tgt Ion: 95 Resp: 150844

Ion Ratio Lower Upper

95 100

174 91.4 0.0 184.4

176 89.0 0.0 177.4



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

11.14

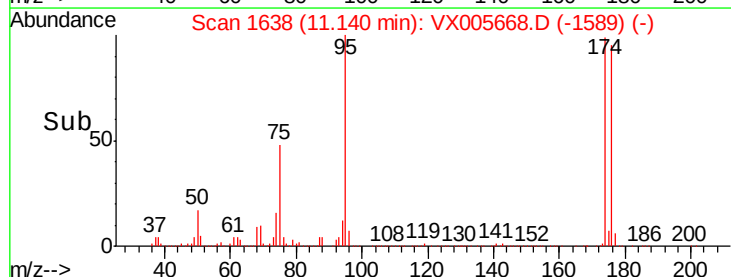
150000

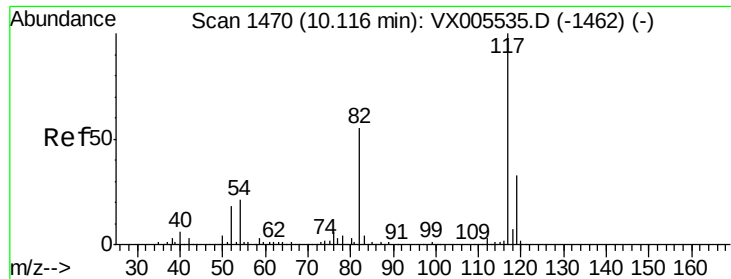
100000

50000

0

Time-->

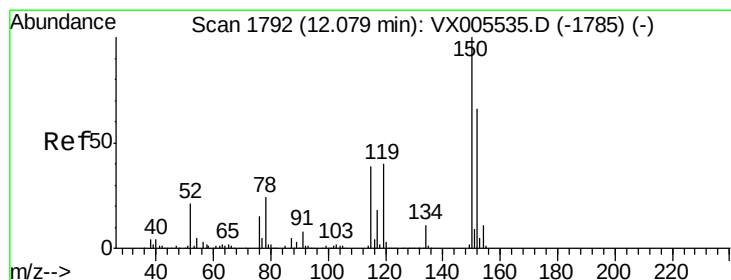
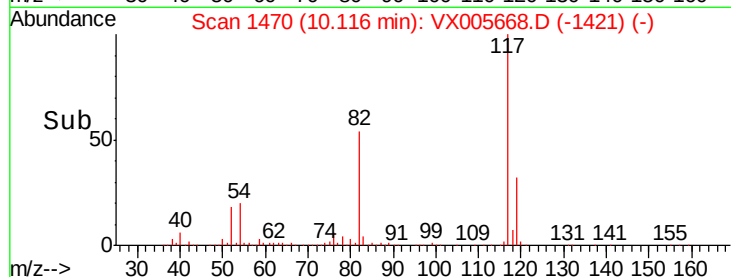
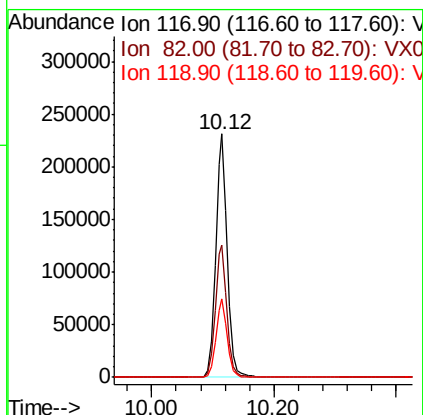
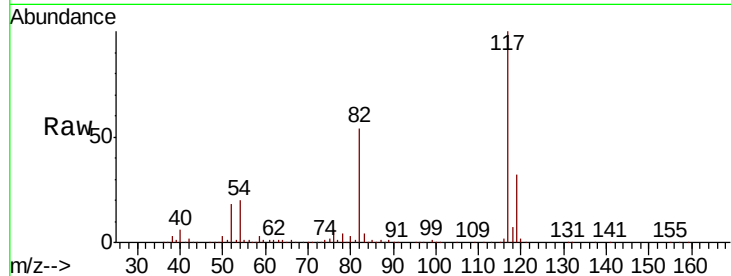




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005668.D
Acq: 29 Oct 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ183I-20181025

Tot Ion:117 Resp: 311286
Ion Ratio Lower Upper
117 100
82 54.3 44.1 66.1
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005668.D
Acq: 29 Oct 2018 18:44

Tgt Ion:152 Resp: 159777
Ion Ratio Lower Upper
152 100
115 56.6 39.4 118.1
150 158.0 0.0 346.4

