

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003941.D
 Acq On : 09 Aug 2018 10:56
 Operator : JC/MD
 Sample : VX0809WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBL01

Quant Time: Aug 10 01:15:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	328117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	502816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	473929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	253265	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	217242	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
35) Dibromofluoromethane	5.50	113	185898	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	8.71	98	705969	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.14	95	249905	52.14	ug/l	0.00
Spiked Amount			Recovery	=	104.28%	

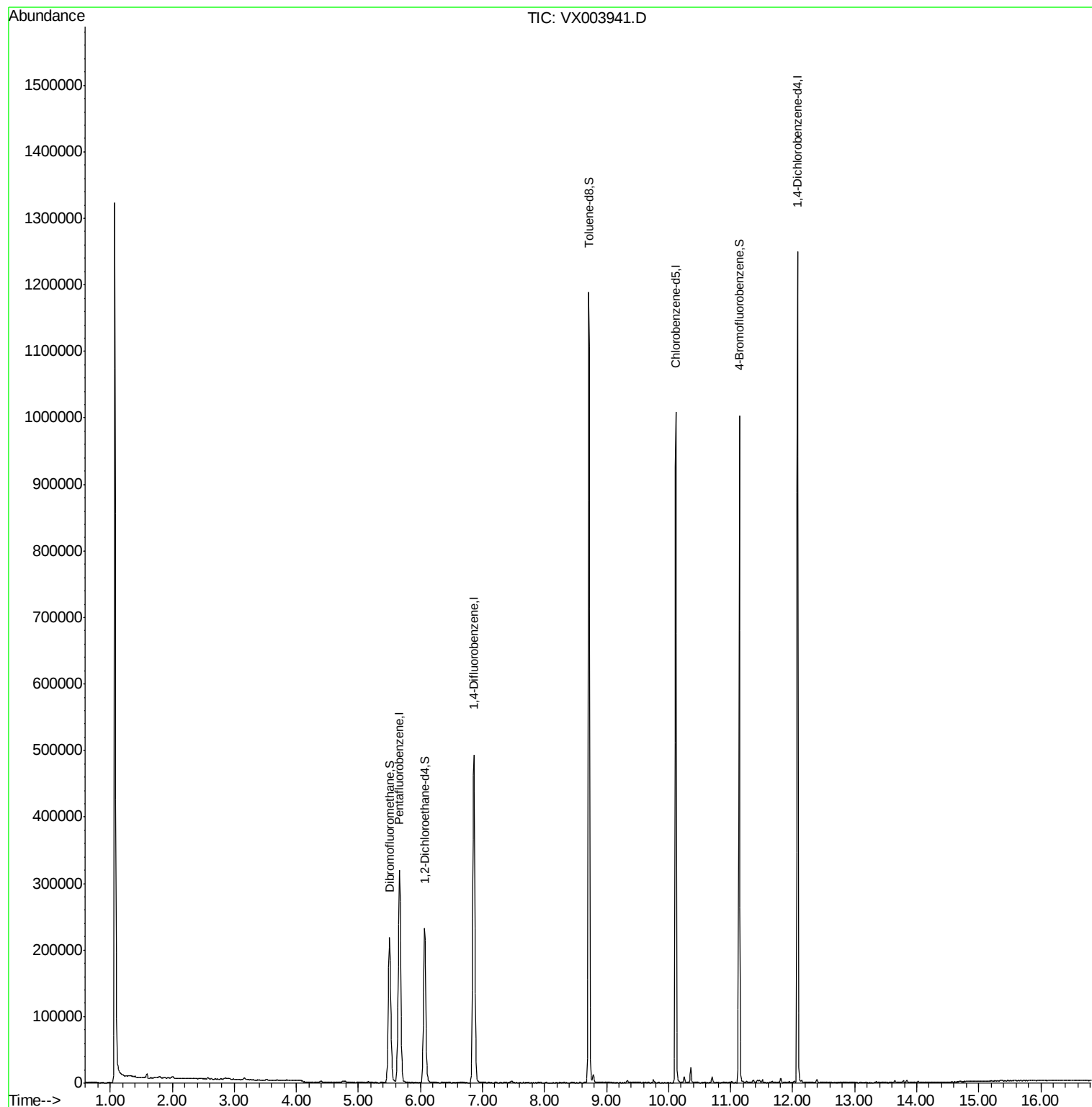
Target Compounds	Qvalue
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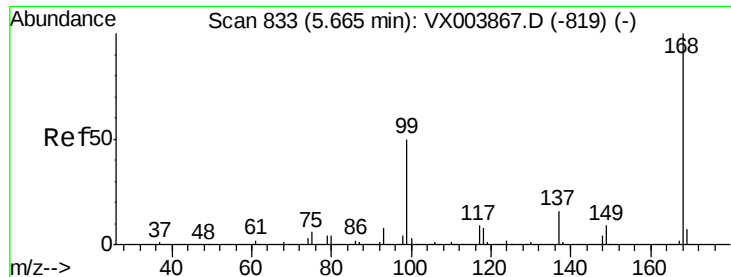
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003941.D

Acq: 09 Aug 2018 10:56

Instrument :

MSVOA_X

ClientSampleId :

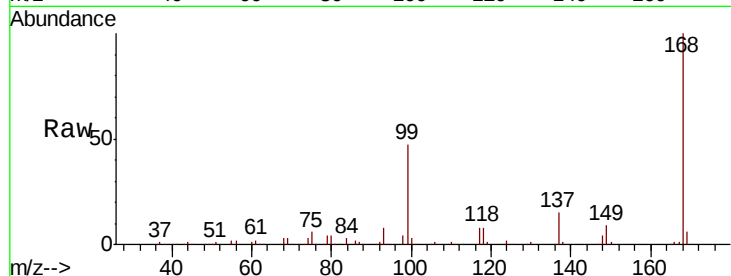
VX0809WBL01

Tot Ion:168 Resp: 328117

Ion Ratio Lower Upper

168 100

99 47.3 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): VX003867.D (-819) (-)

Ion 98.90 (98.60 to 99.60): VX003867.D (-819) (-)

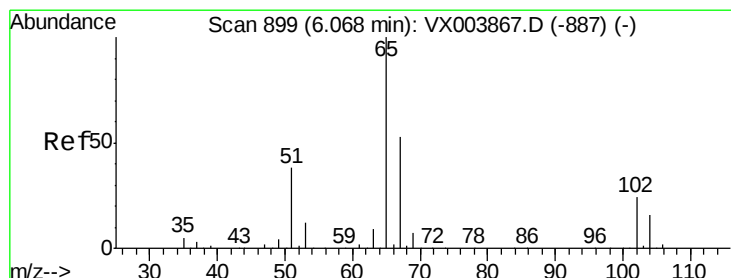
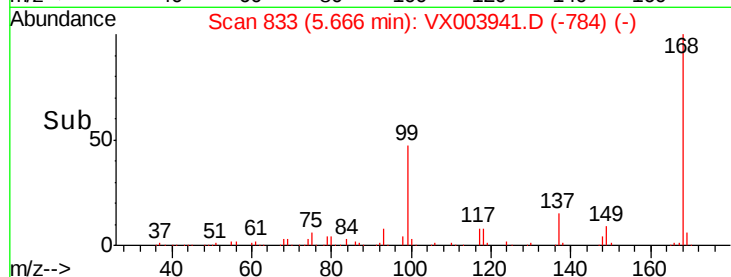
5.67

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.95 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003941.D

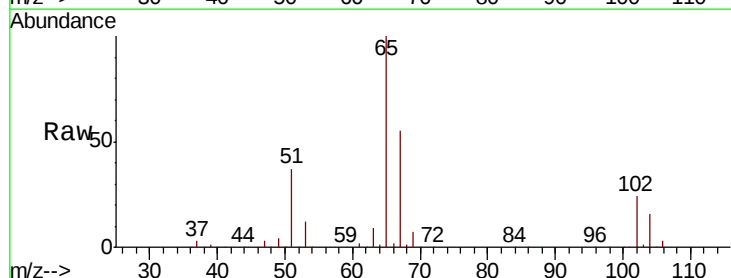
Acq: 09 Aug 2018 10:56

Tgt Ion: 65 Resp: 217242

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX003867.D (-887) (-)

Ion 66.90 (66.60 to 67.60): VX003867.D (-887) (-)

6.07

80000

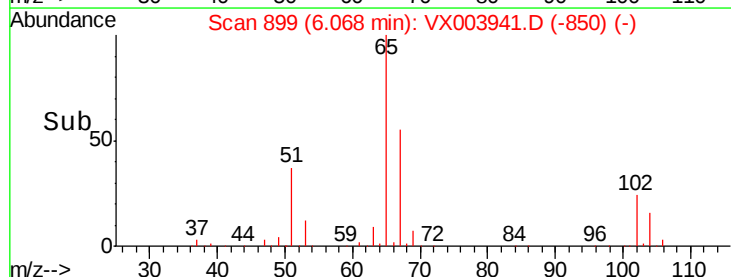
60000

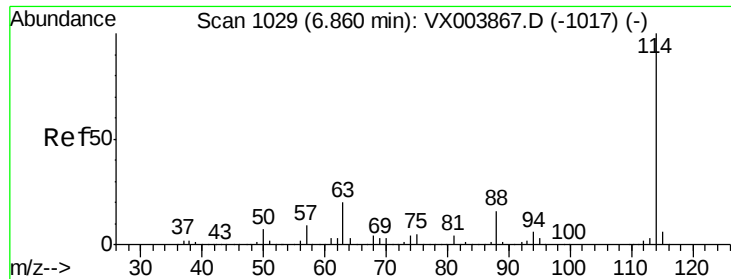
40000

20000

0

Time-->

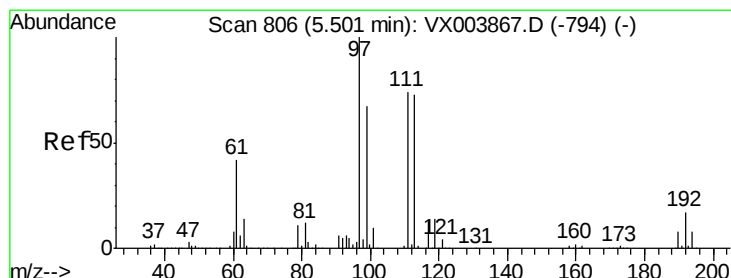
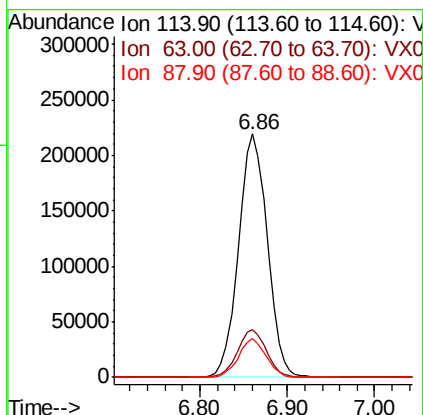
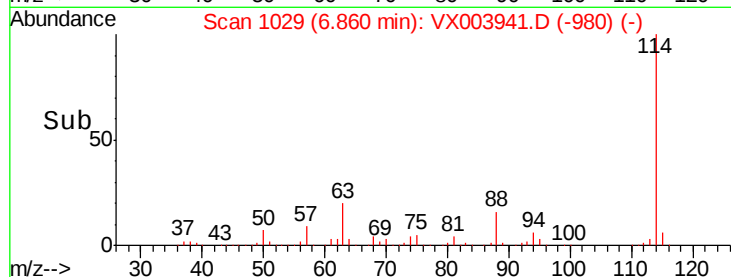
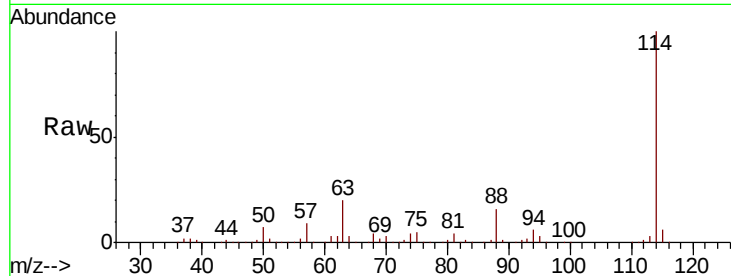




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003941.D
 Acq: 09 Aug 2018 10:56

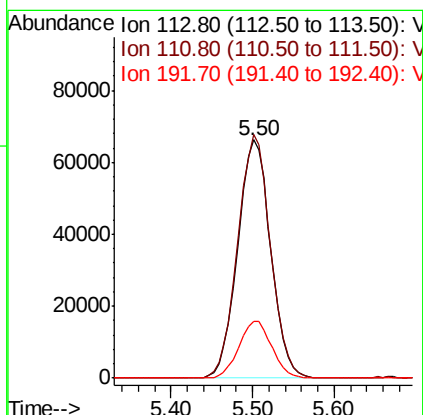
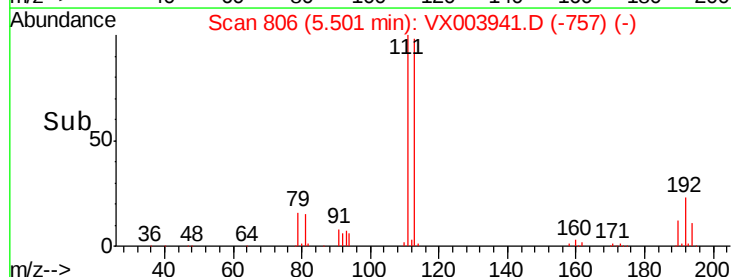
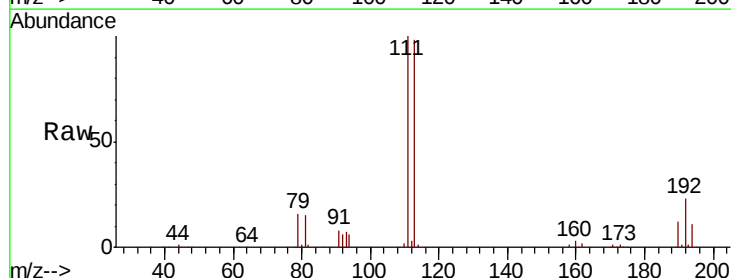
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBL01

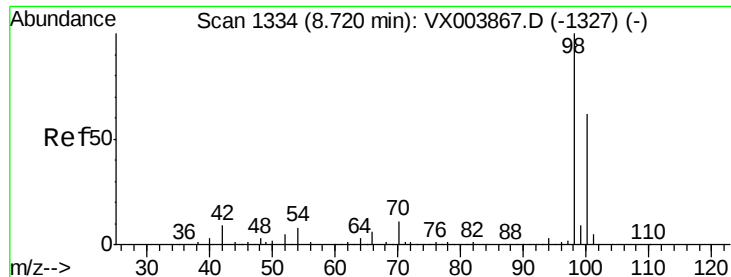
Tot Ion:114 Resp: 502816
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.8 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 48.80 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003941.D
 Acq: 09 Aug 2018 10:56

Tgt Ion:113 Resp: 185898
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.0 123.0
 192 23.9 19.0 28.4





#50

Toluene-d8

Concen: 47.66 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX003941.D

Acq: 09 Aug 2018 10:56

Instrument :

MSVOA_X

ClientSampleId :

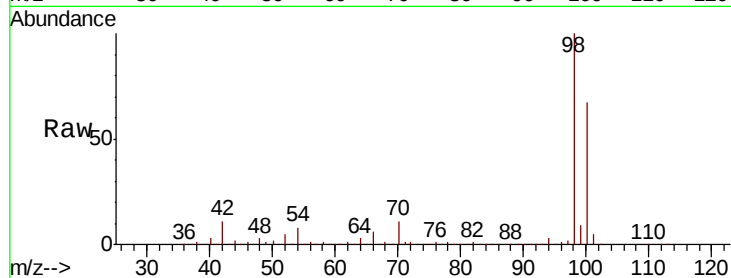
VX0809WBL01

Tot Ion: 98 Resp: 705969

Ion Ratio Lower Upper

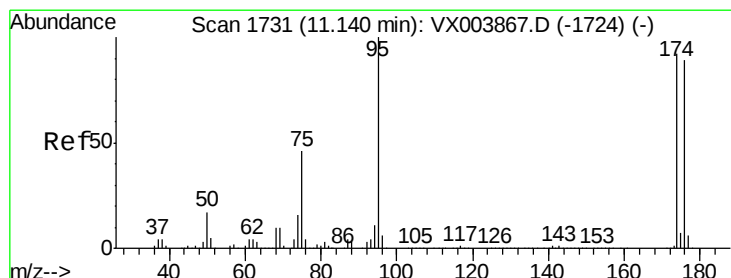
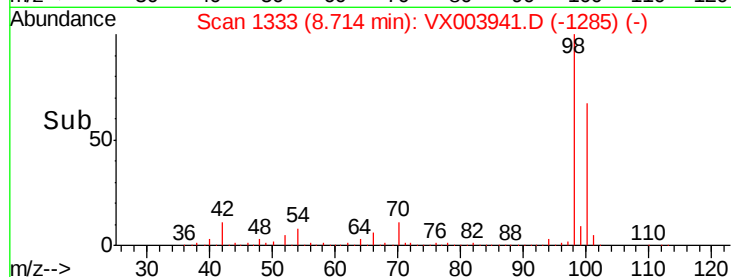
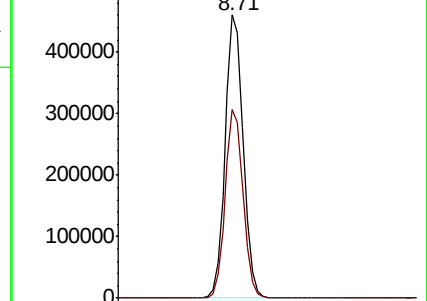
98 100

100 66.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 52.14 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003941.D

Acq: 09 Aug 2018 10:56

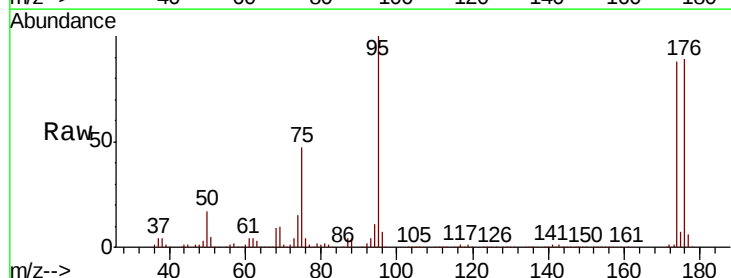
Tgt Ion: 95 Resp: 249905

Ion Ratio Lower Upper

95 100

174 90.5 0.0 182.8

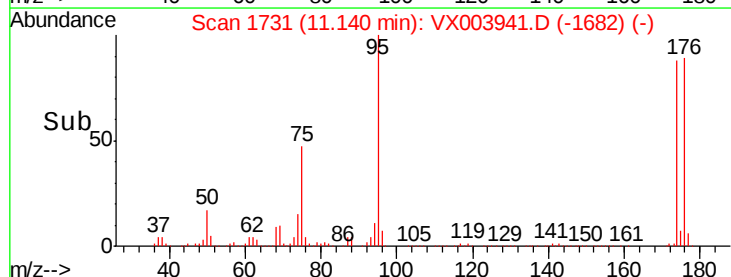
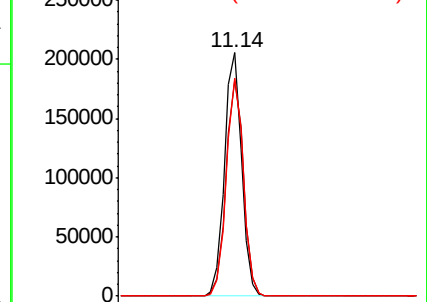
176 89.3 0.0 179.0

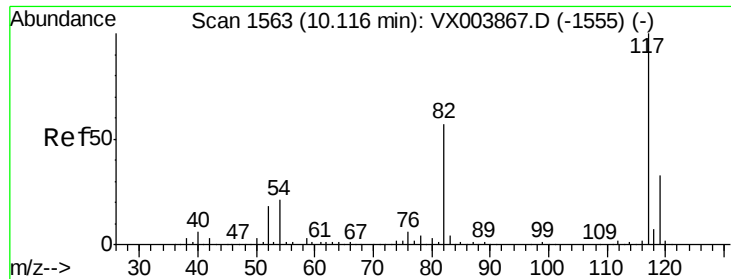


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

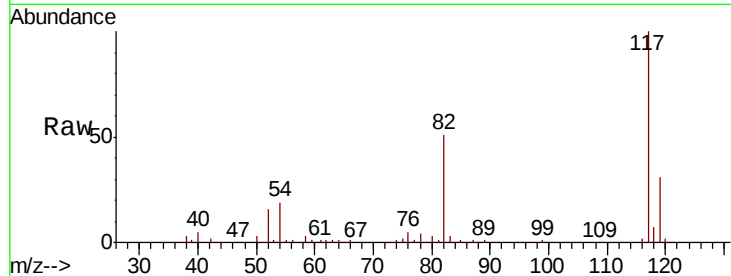




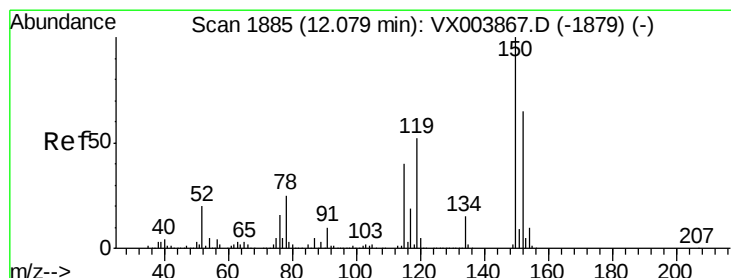
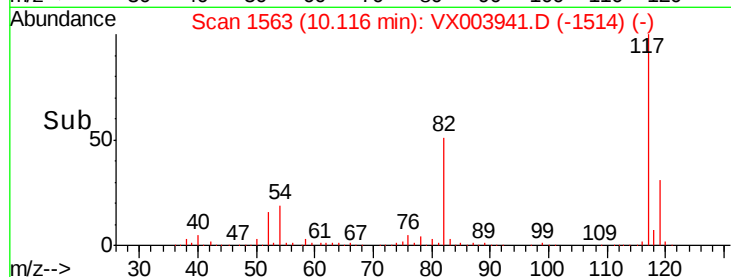
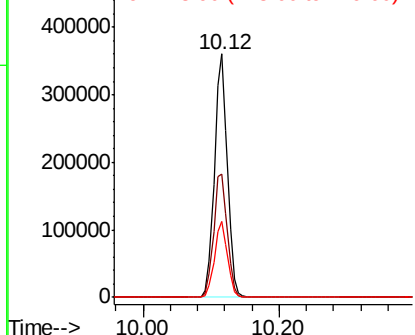
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003941.D
Acq: 09 Aug 2018 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBL01

Tot Ion:117 Resp: 473929
Ion Ratio Lower Upper
117 100
82 50.9 45.4 68.0
119 31.2 26.6 40.0

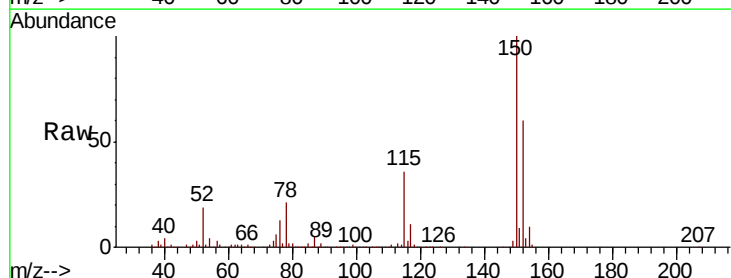


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003941.D
Acq: 09 Aug 2018 10:56

Tgt Ion:152 Resp: 253265
Ion Ratio Lower Upper
152 100
115 56.4 39.1 117.3
150 161.6 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

