

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004147.D
 Acq On : 20 Aug 2018 12:43
 Operator : JC/MD
 Sample : J4541-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2TB01-180815

Quant Time: Aug 21 11:18:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	423616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218817	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	214211	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
35) Dibromofluoromethane	5.50	113	175936	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
50) Toluene-d8	8.72	98	648144	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.14	95	215140	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	

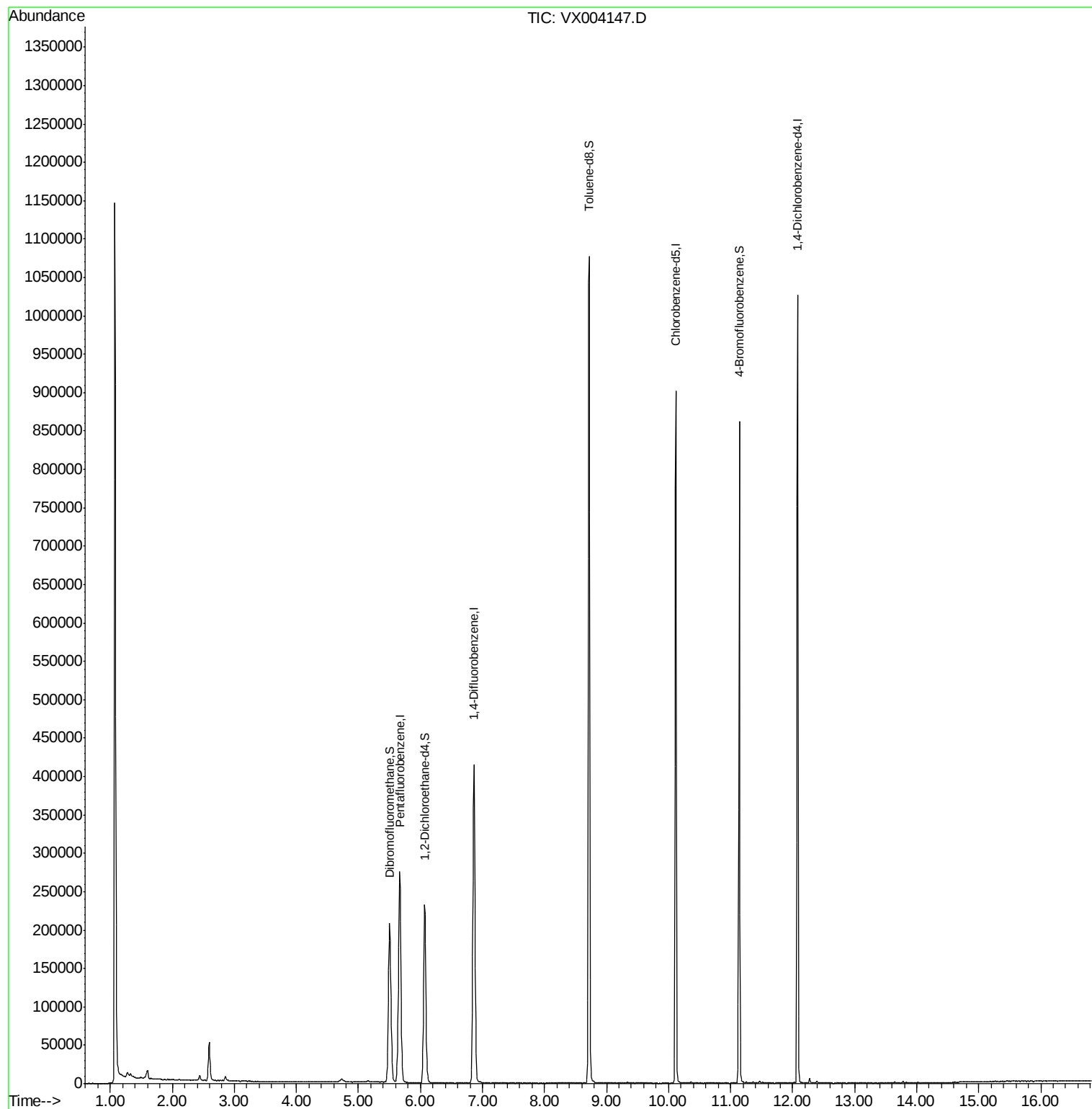
Target Compounds	Qvalue

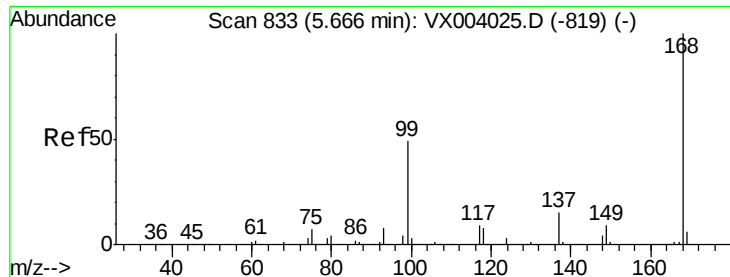
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004147.D

Acq: 20 Aug 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

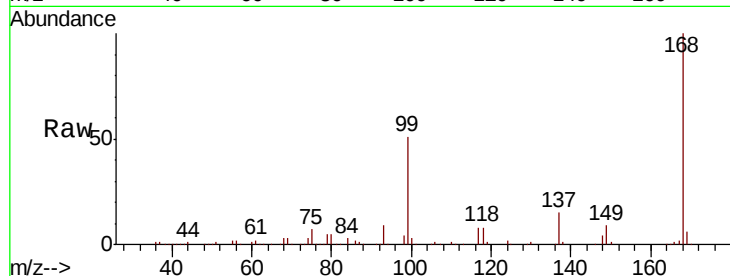
Z2TB01-180815

Tot Ion:168 Resp: 275199

Ion Ratio Lower Upper

168 100

99 51.0 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

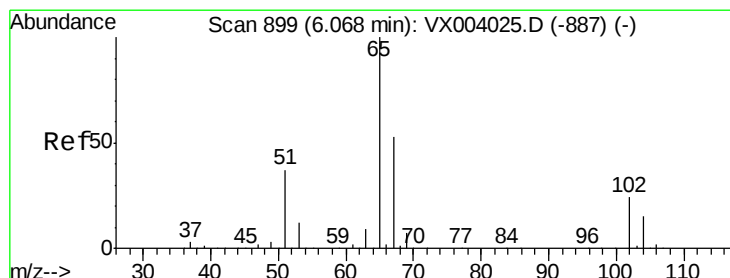
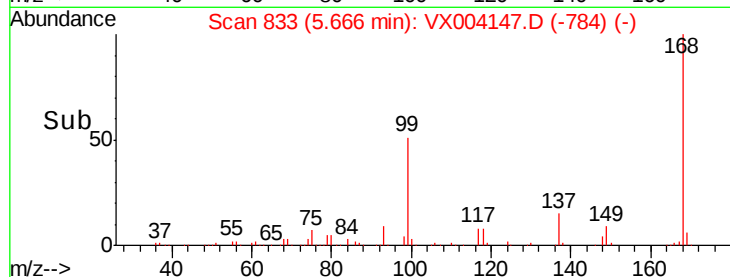
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 55.25 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004147.D

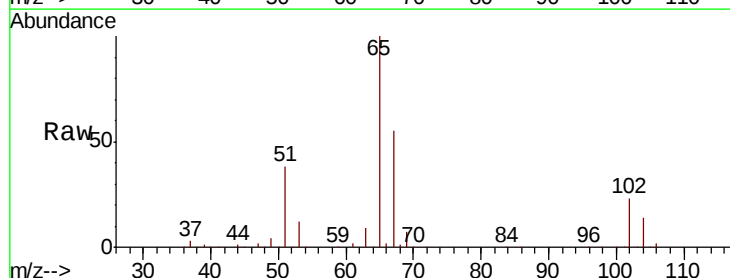
Acq: 20 Aug 2018 12:43

Tgt Ion: 65 Resp: 214211

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

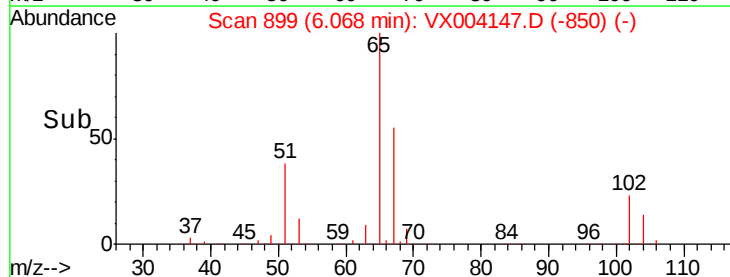
60000

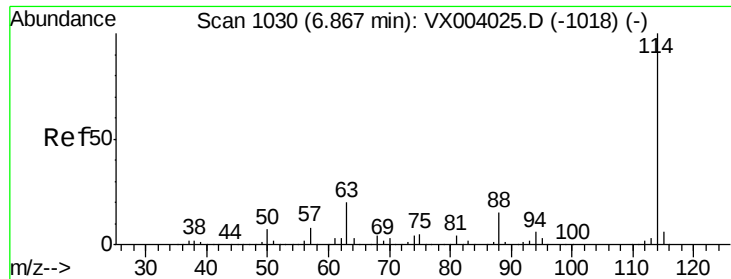
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

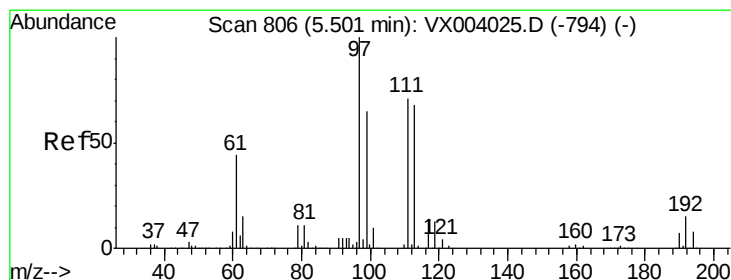
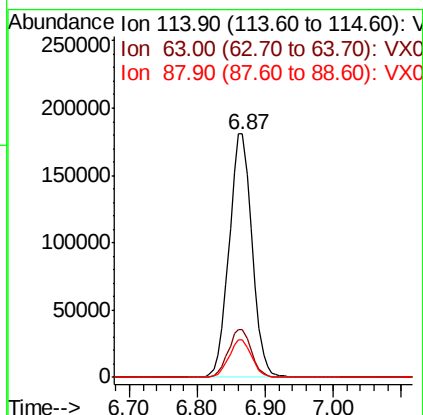
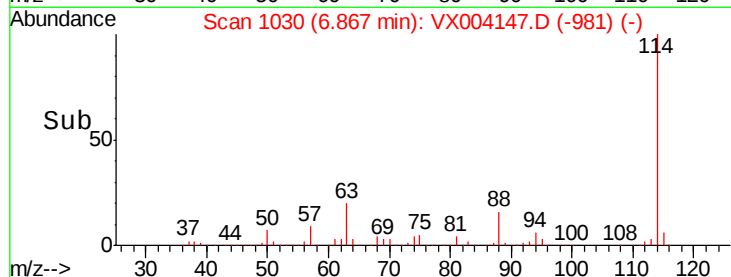
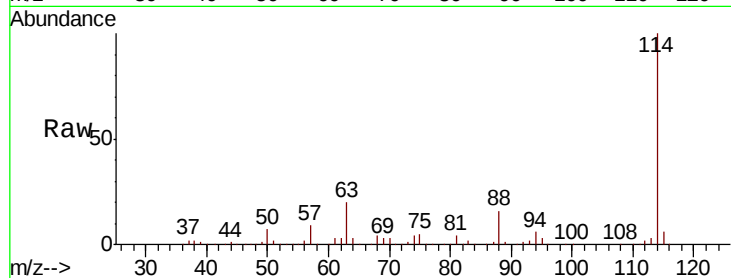




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

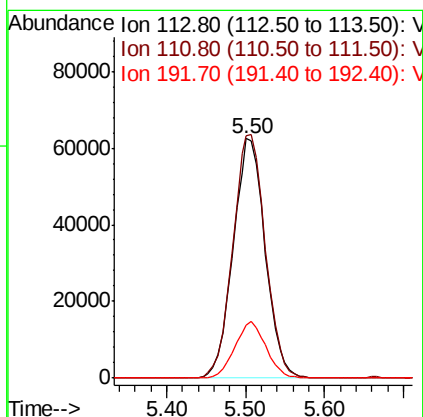
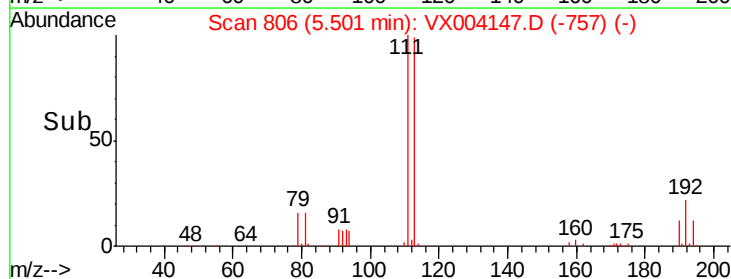
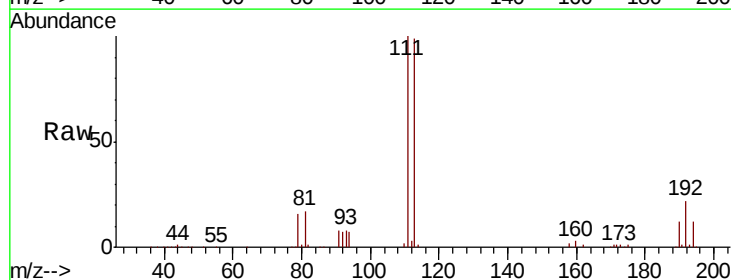
Instrument :
 MSVOA_X
 ClientSampleId :
 Z2TB01-180815

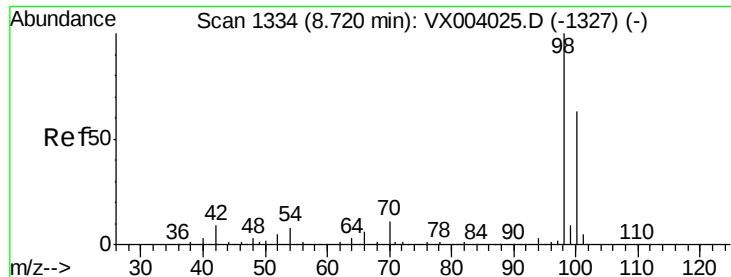
Tot Ion:114 Resp: 423616
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.6 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 55.49 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

Tgt Ion:113 Resp: 175936
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.0 123.0
 192 23.0 19.0 28.4





#50

Toluene-d8

Concen: 50.42 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004147.D

Acq: 20 Aug 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

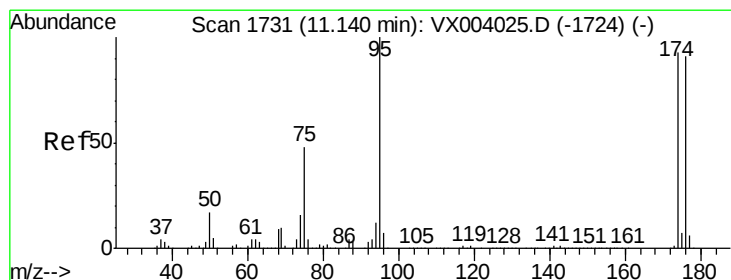
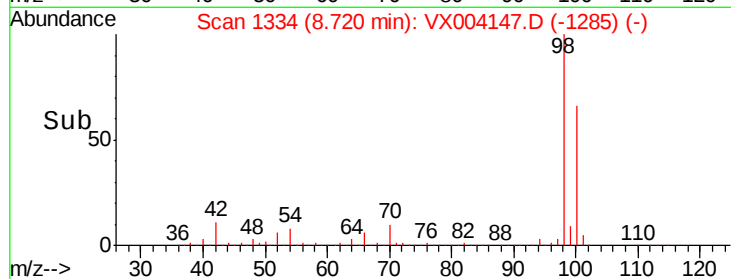
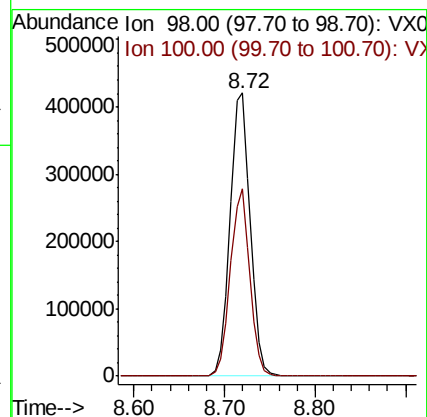
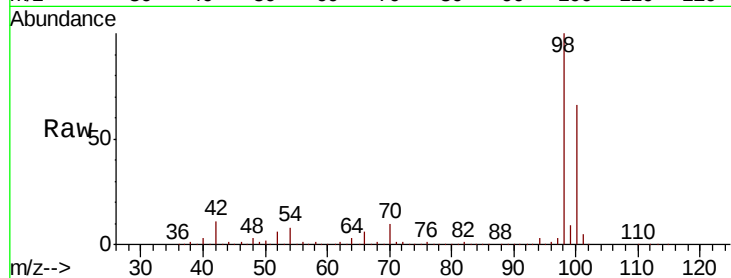
Z2TB01-180815

Tot Ion: 98 Resp: 648144

Ion Ratio Lower Upper

98 100

100 63.9 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 46.15 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004147.D

Acq: 20 Aug 2018 12:43

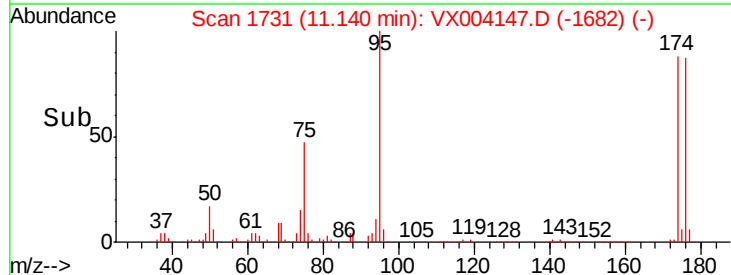
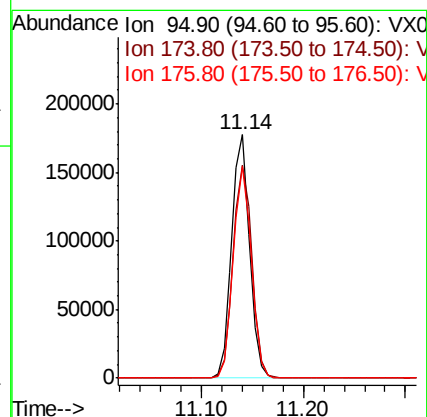
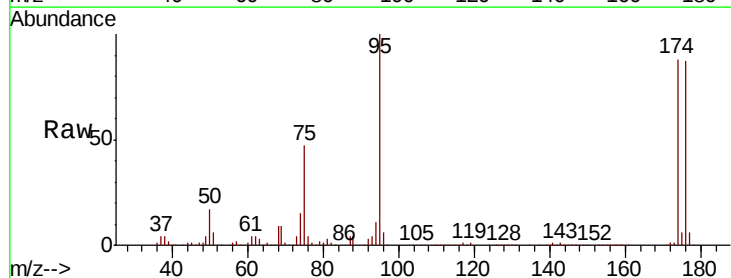
Tgt Ion: 95 Resp: 215140

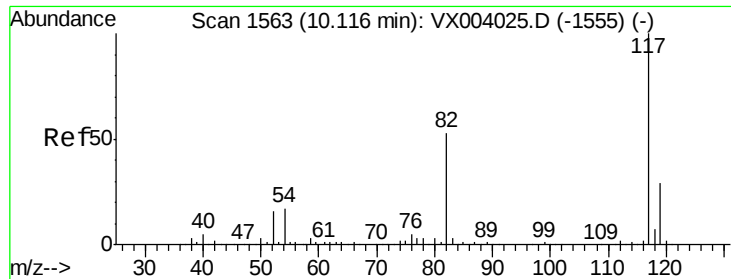
Ion Ratio Lower Upper

95 100

174 91.9 0.0 182.8

176 88.0 0.0 179.0

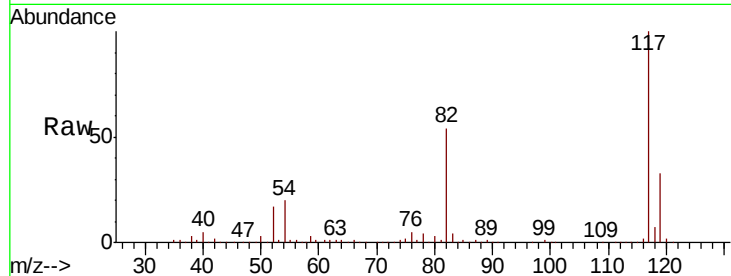




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004147.D
Acq: 20 Aug 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
Z2TB01-180815

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.4	68.0
119	32.5	26.6	40.0

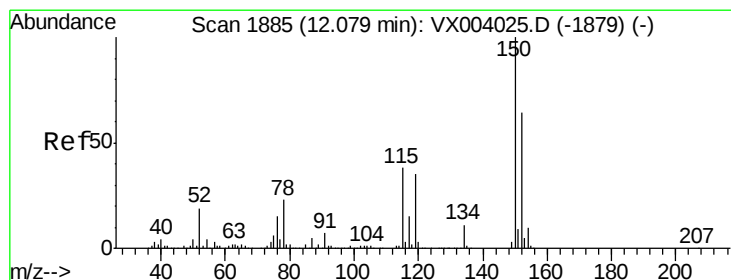
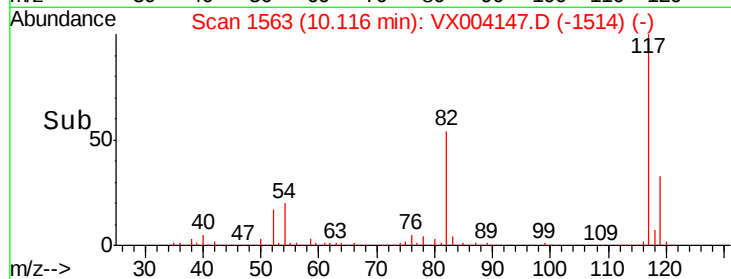
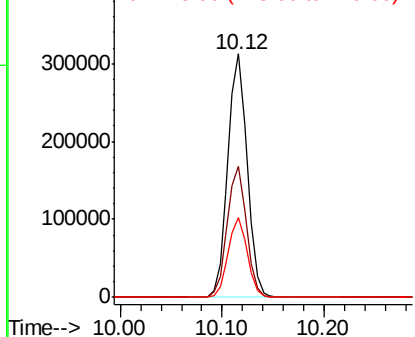


Abundance

Ion 116.90 (116.60 to 117.60): V

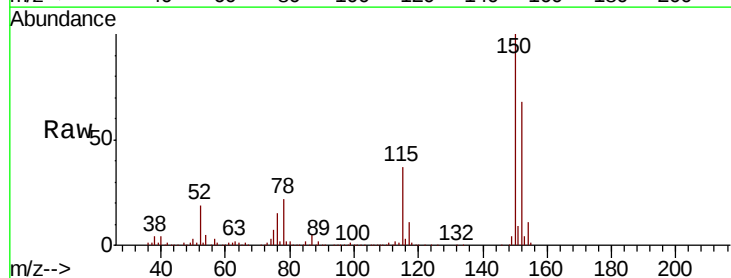
Ion 82.00 (81.70 to 82.70): VX0

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: VX004147.D
Acq: 20 Aug 2018 12:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	39.1	117.3
150	152.4	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

