

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004124.D
 Acq On : 17 Aug 2018 11:43
 Operator : JC/MD
 Sample : J4522-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB081618

Quant Time: Aug 20 09:32:50 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	229359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175209	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	169801	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
35) Dibromofluoromethane	5.51	113	145350	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
50) Toluene-d8	8.72	98	505511	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
62) 4-Bromofluorobenzene	11.14	95	155316	39.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.66%	

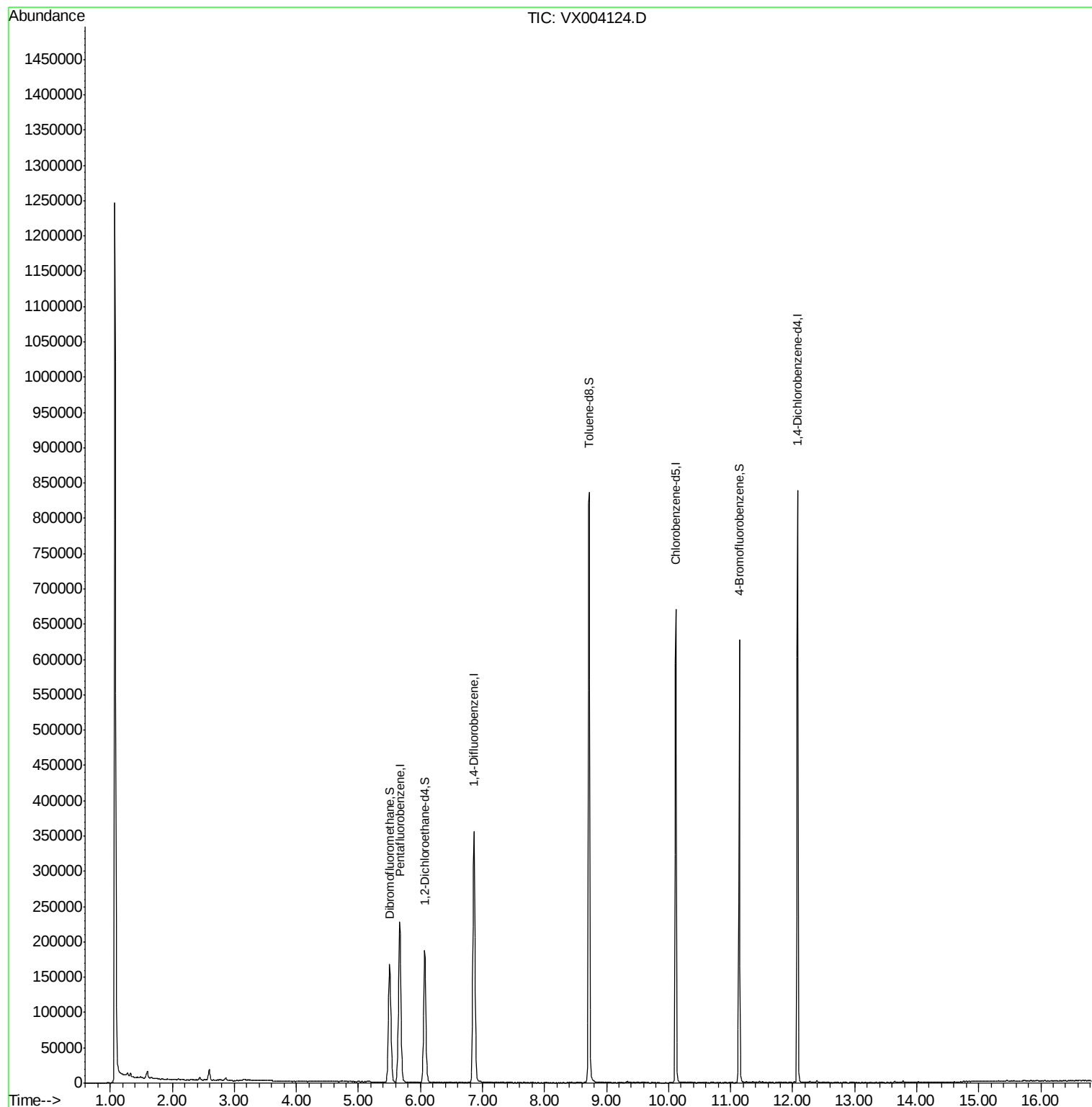
Target Compounds	Qvalue

(#) = 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: VX004124.D

Acq: 17 Aug 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

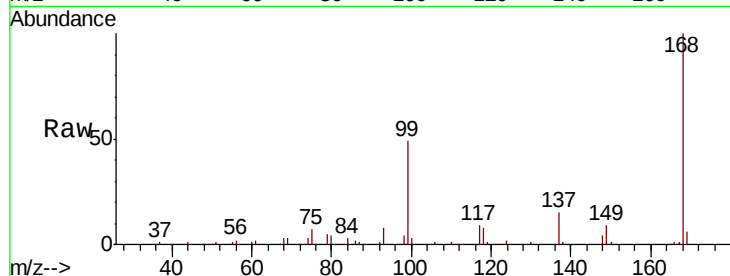
TB081618

Tot Ion:168 Resp: 229359

Ion Ratio Lower Upper

168 100

99 49.3 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

80000

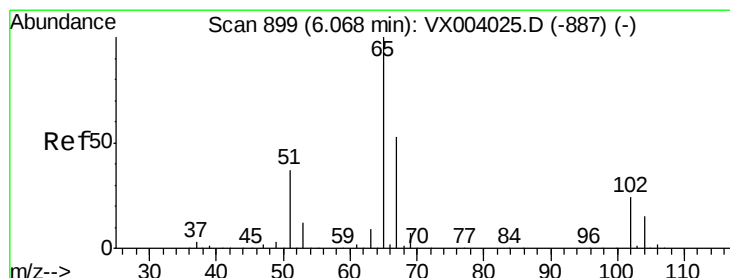
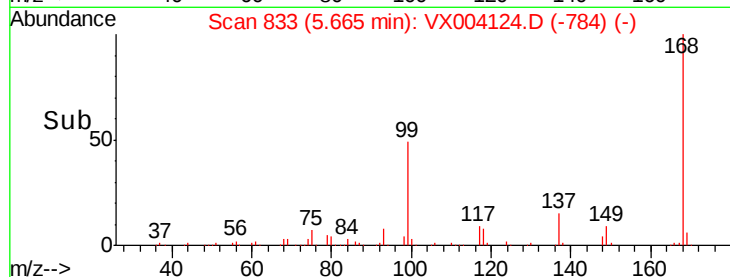
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.54 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004124.D

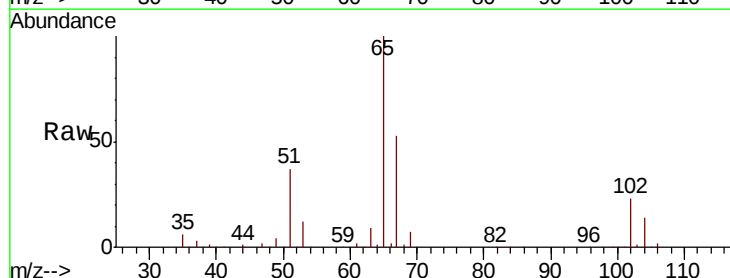
Acq: 17 Aug 2018 11:43

Tgt Ion: 65 Resp: 169801

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

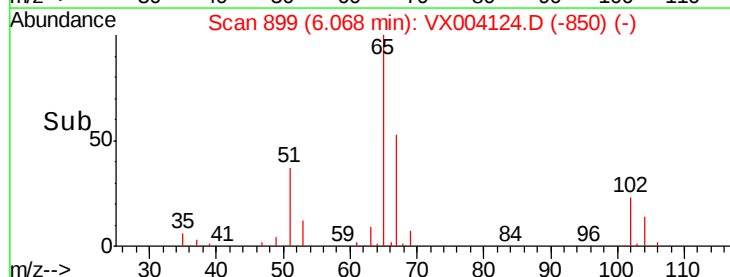
60000

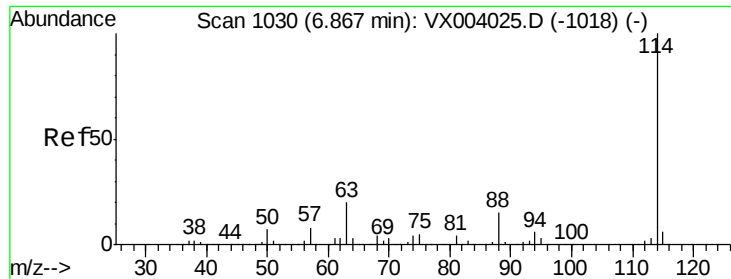
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

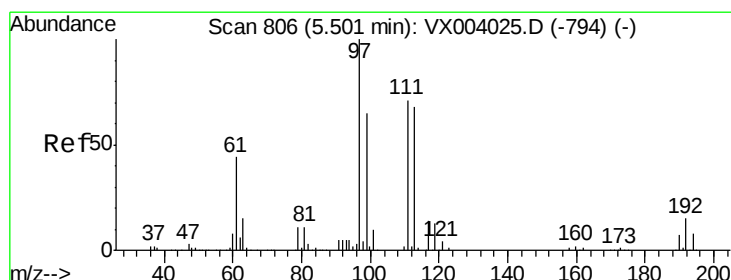
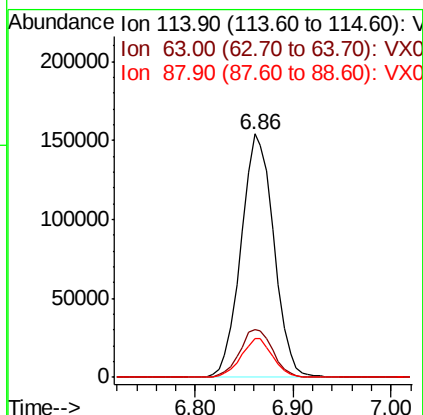
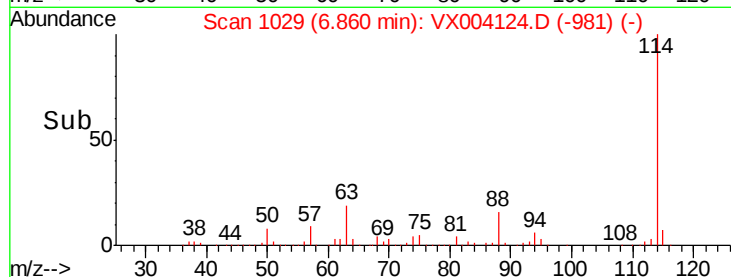
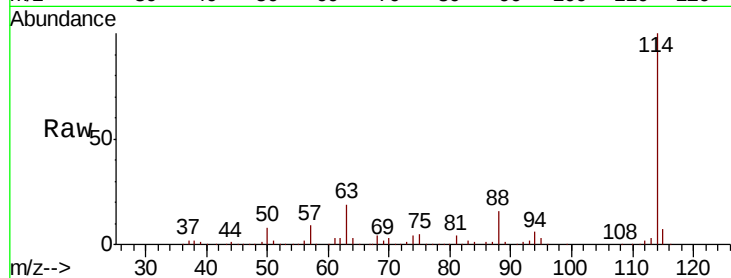




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004124.D
 Acq: 17 Aug 2018 11:43

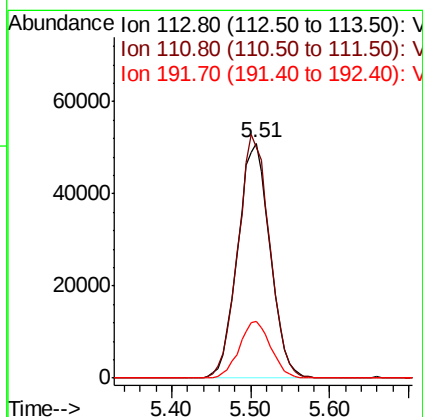
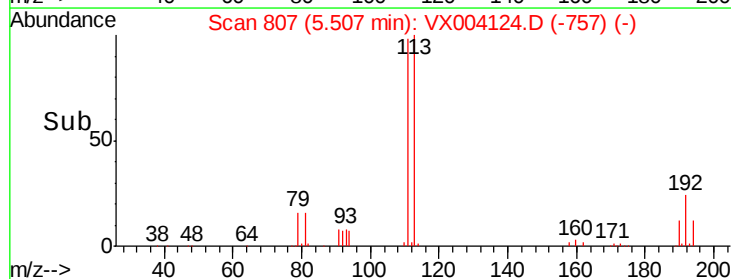
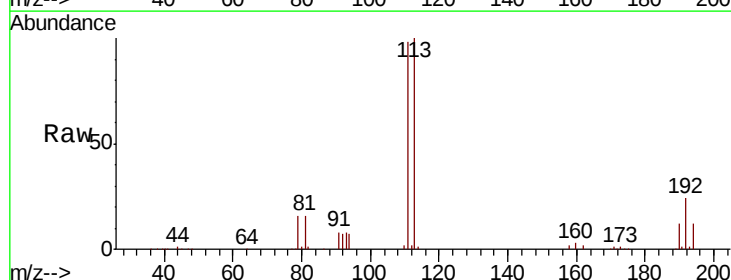
Instrument :
 MSVOA_X
 ClientSampleId :
 TB081618

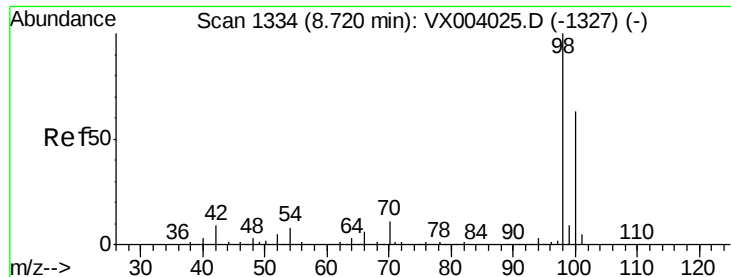
Tot Ion:114 Resp: 358802
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.8 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 54.13 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004124.D
 Acq: 17 Aug 2018 11:43

Tgt Ion:113 Resp: 145350
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.0 123.0
 192 23.6 19.0 28.4





#50

Toluene-d8

Concen: 46.43 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004124.D

Acq: 17 Aug 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

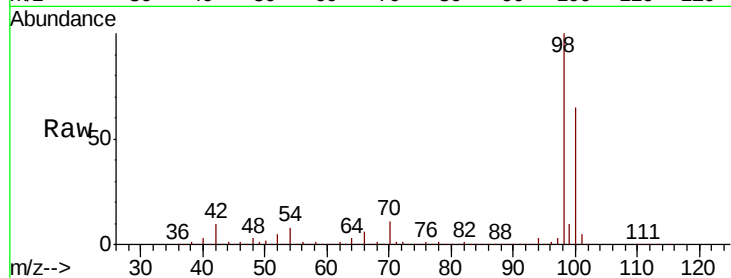
TB081618

Tot Ion: 98 Resp: 505511

Ion Ratio Lower Upper

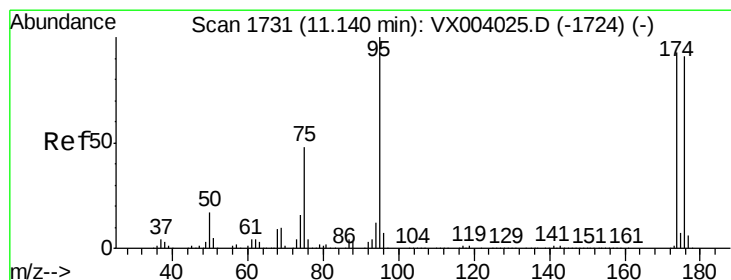
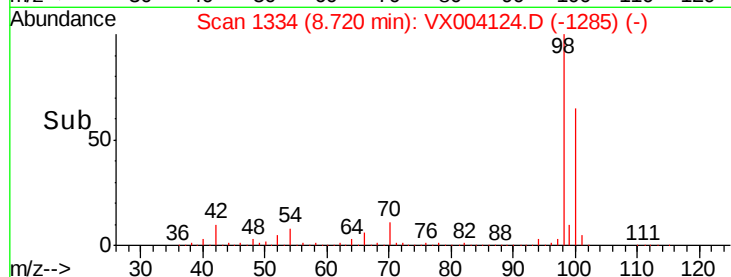
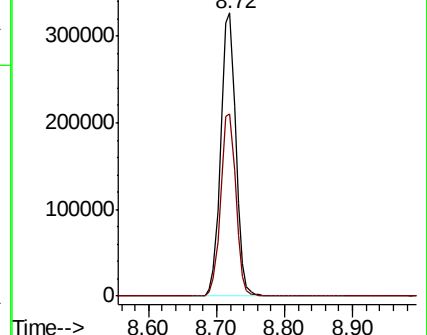
98 100

100 65.0 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: 39.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004124.D

Acq: 17 Aug 2018 11:43

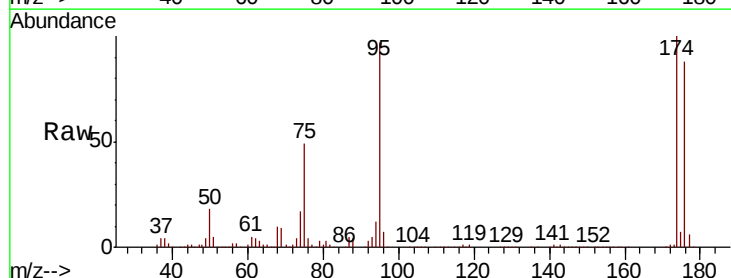
Tgt Ion: 95 Resp: 155316

Ion Ratio Lower Upper

95 100

174 92.3 0.0 182.8

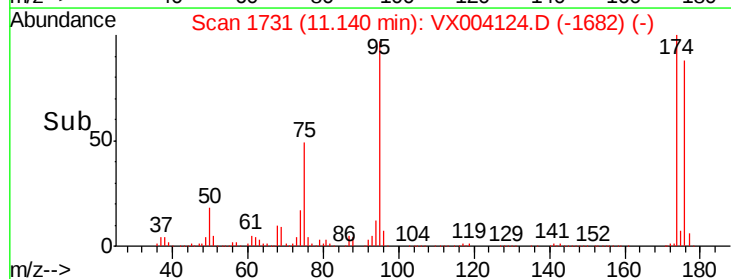
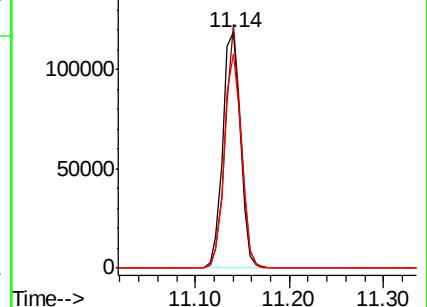
176 88.2 0.0 179.0

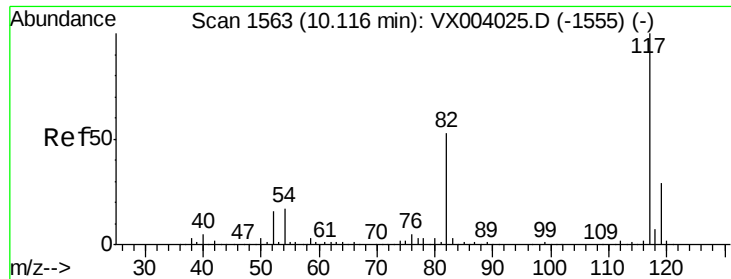


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

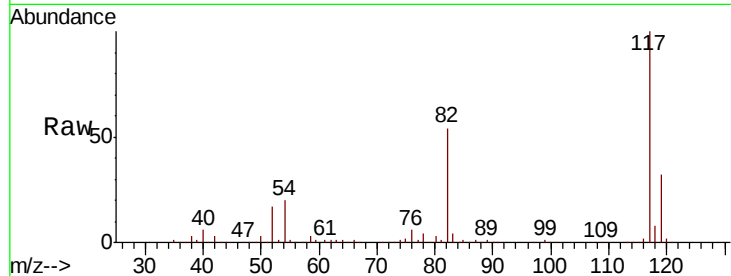




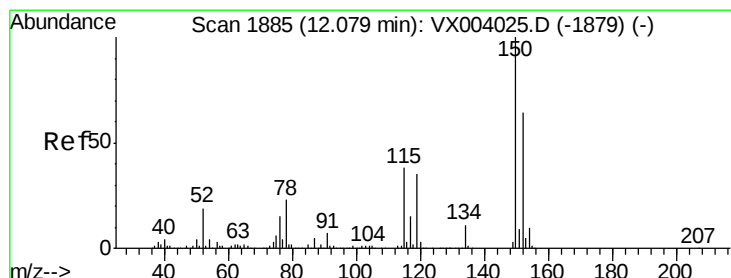
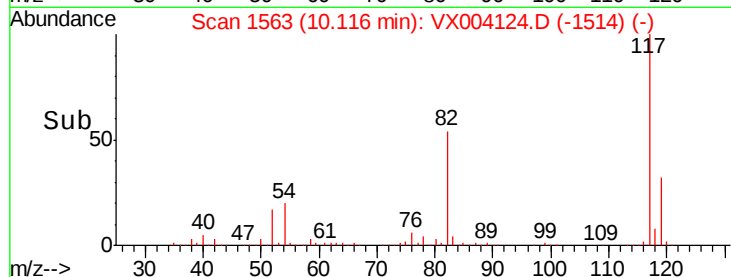
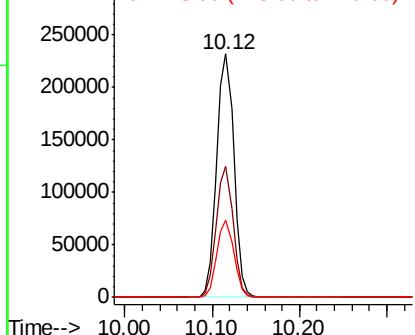
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004124.D
Acq: 17 Aug 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
TB081618

Tot Ion:117 Resp: 315998
Ion Ratio Lower Upper
117 100
82 53.8 45.4 68.0
119 31.5 26.6 40.0

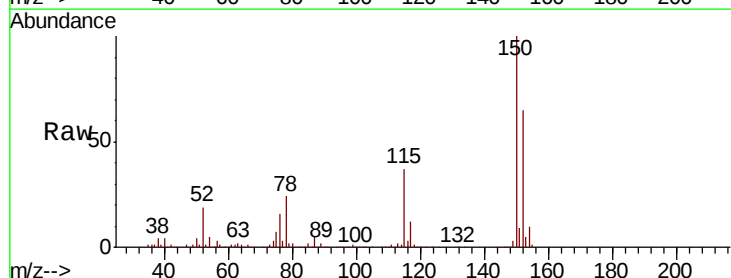


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004124.D
Acq: 17 Aug 2018 11:43

Tgt Ion:152 Resp: 175209
Ion Ratio Lower Upper
152 100
115 54.9 39.1 117.3
150 155.2 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

