

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
 Data File : VX003371.D
 Acq On : 13 Jul 2018 19:48
 Operator : JC/MD
 Sample : VX0713WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBL01

Quant Time: Jul 14 03:01:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	413391	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	371336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199516	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177725	58.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.66%	
35) Dibromofluoromethane	5.51	113	153770	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
50) Toluene-d8	8.72	98	576126	57.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.98%	
62) 4-Bromofluorobenzene	11.14	95	189522	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	

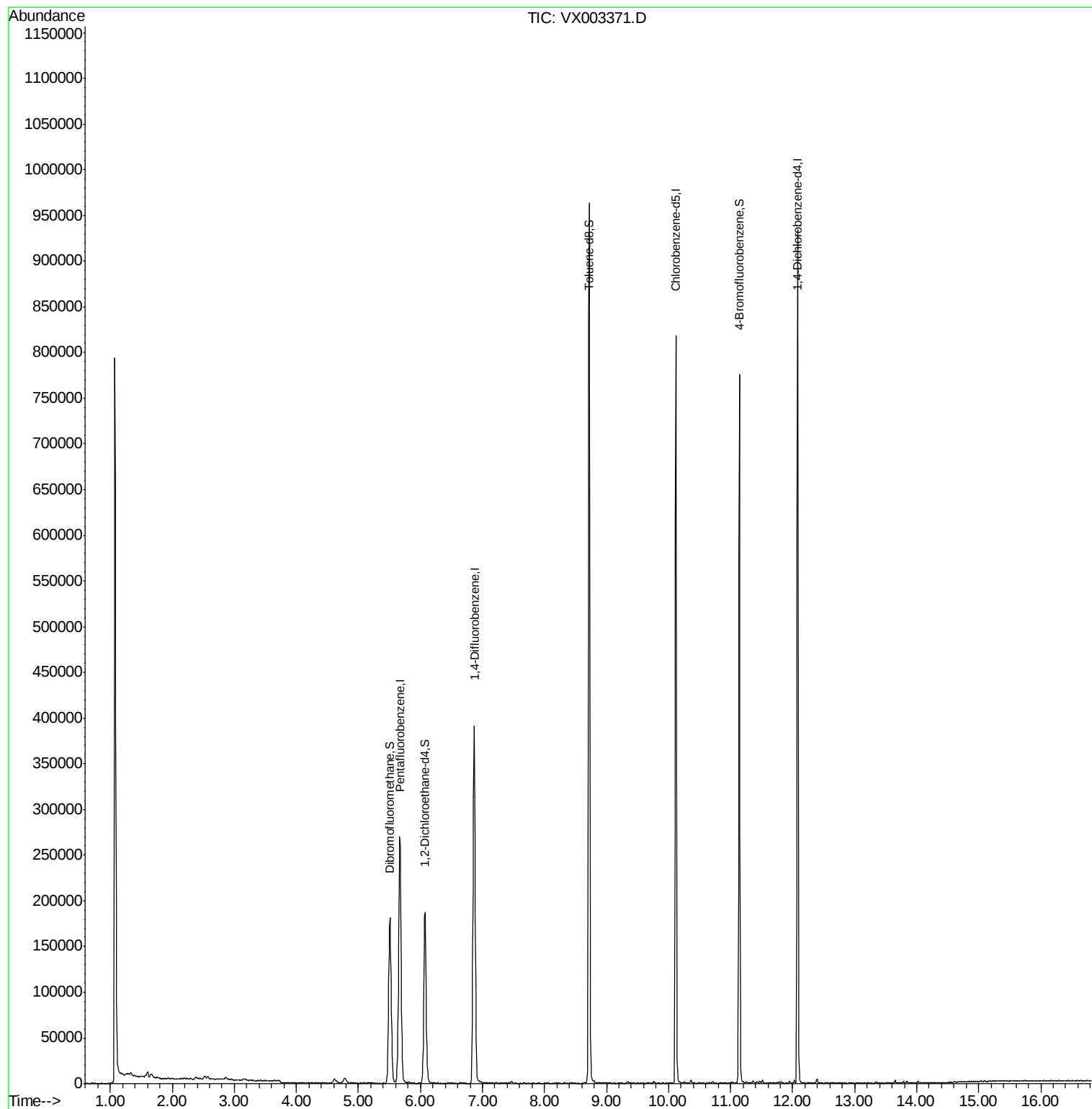
Target Compounds	Qvalue

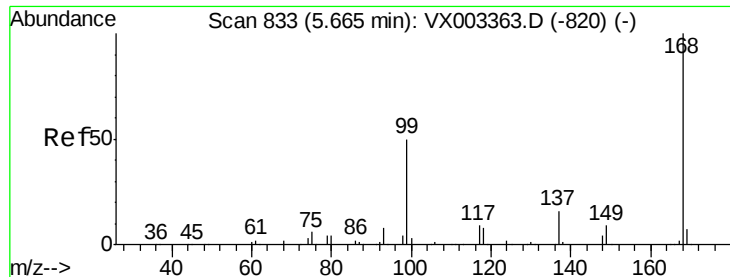
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003371.D

Acq: 13 Jul 2018 19:48

Instrument :

MSVOA_X

ClientSampled :

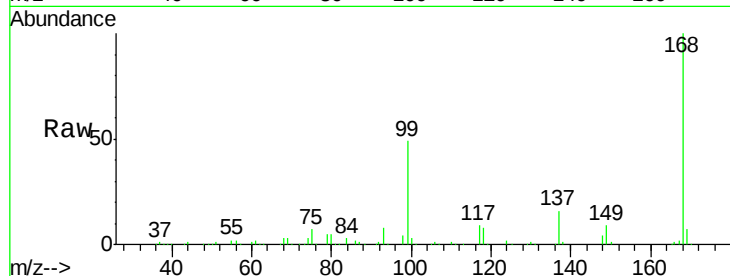
VX0713WBL01

Tot Ion:168 Resp: 277101

Ion Ratio Lower Upper

168 100

99 49.4 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

100000

80000

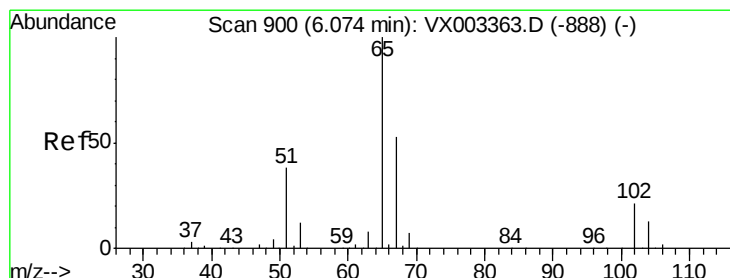
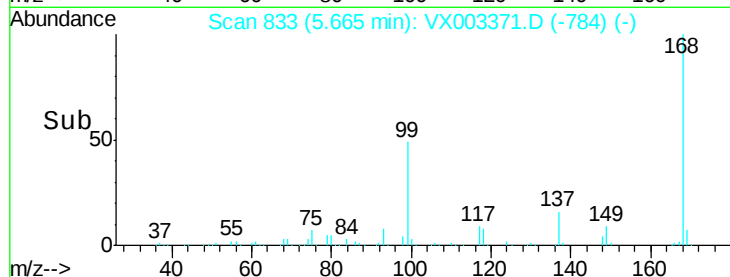
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 58.83 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003371.D

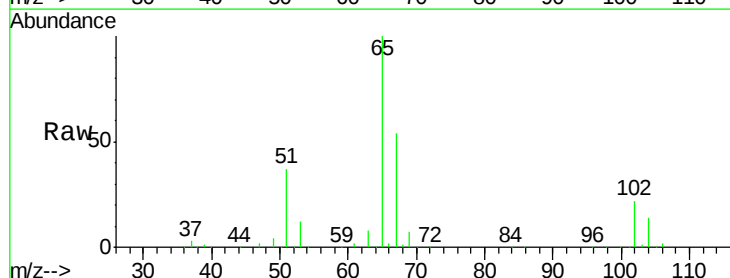
Acq: 13 Jul 2018 19:48

Tgt Ion: 65 Resp: 177725

Ion Ratio Lower Upper

65 100

67 53.8 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

80000

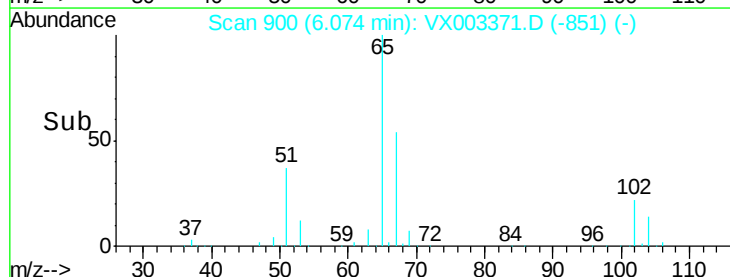
60000

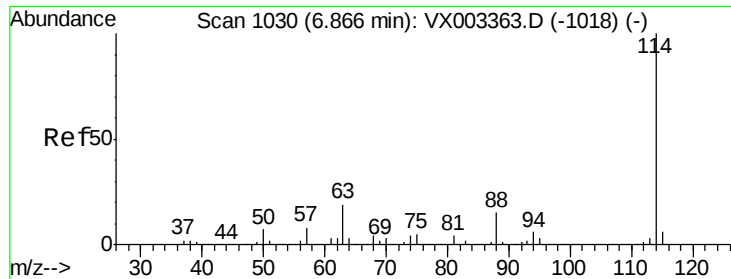
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30

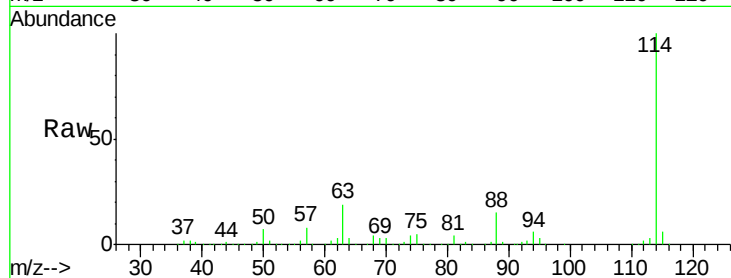




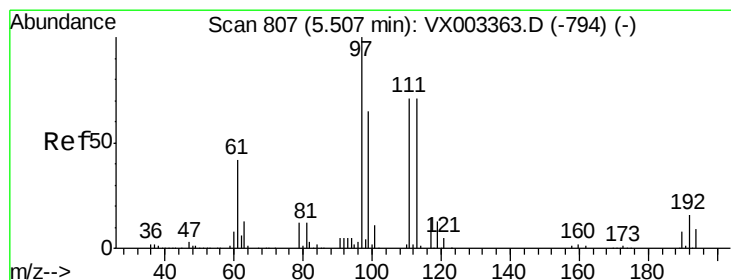
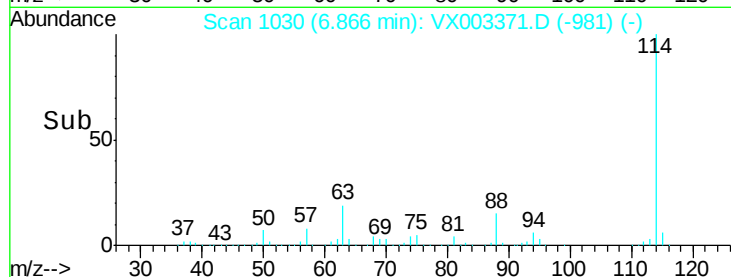
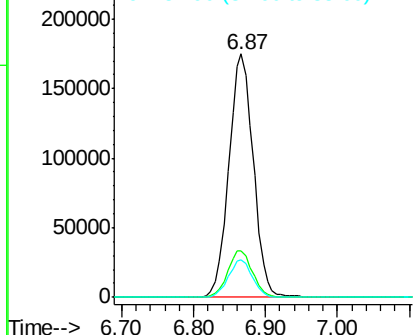
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003371.D
 Acq: 13 Jul 2018 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBL01

Tot Ion:114 Resp: 413391
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.4
 88 15.4 0.0 30.0

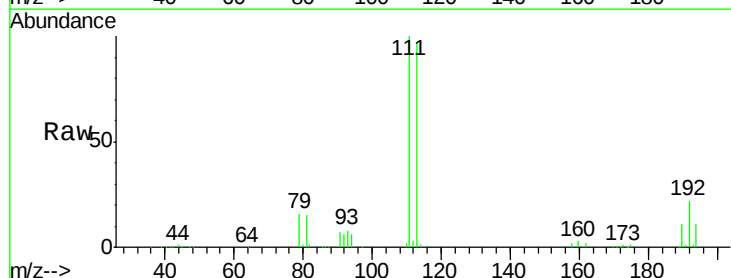


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

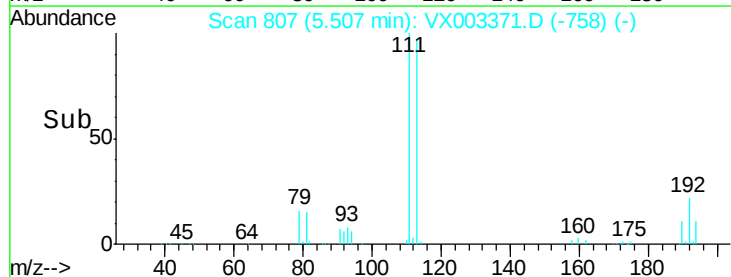
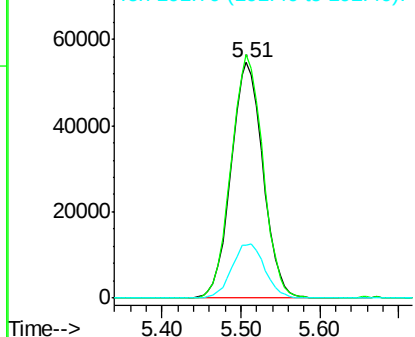


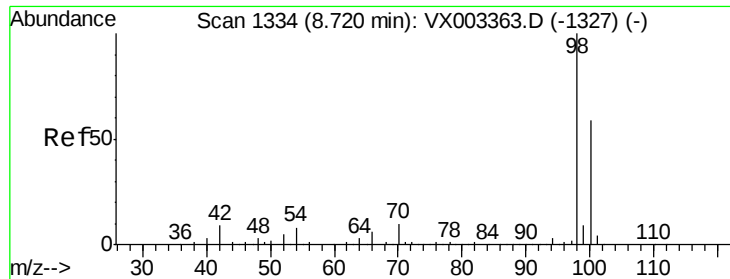
#35
 Dibromofluoromethane
 Concen: 50.54 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003371.D
 Acq: 13 Jul 2018 19:48

Tgt Ion:113 Resp: 153770
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 23.6 19.1 28.7



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: 57.99 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003371.D

Acq: 13 Jul 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

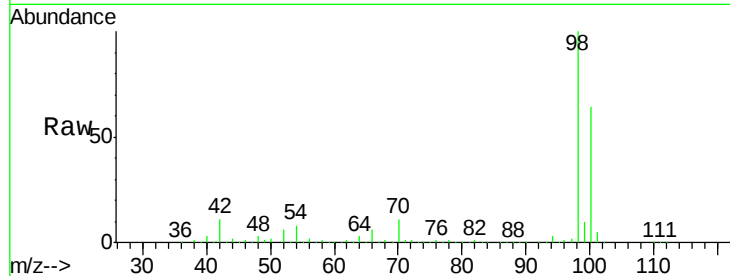
VX0713WBL01

Tot Ion: 98 Resp: 576126

Ion Ratio Lower Upper

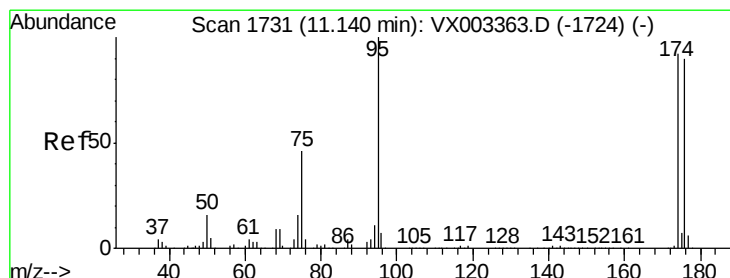
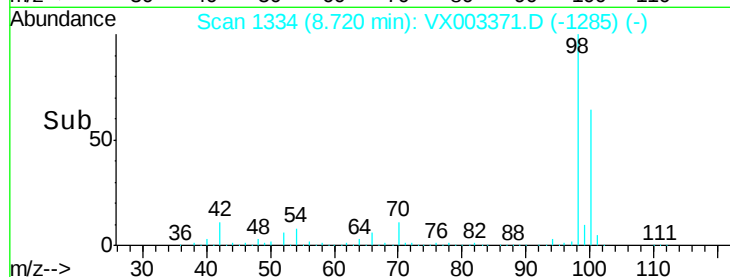
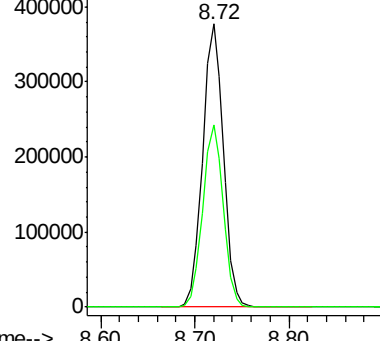
98 100

100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003371.D

Acq: 13 Jul 2018 19:48

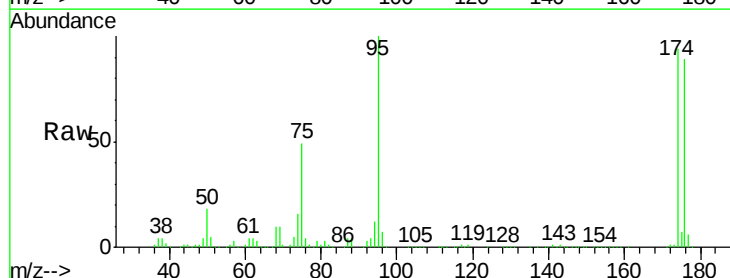
Tgt Ion: 95 Resp: 189522

Ion Ratio Lower Upper

95 100

174 94.7 0.0 187.4

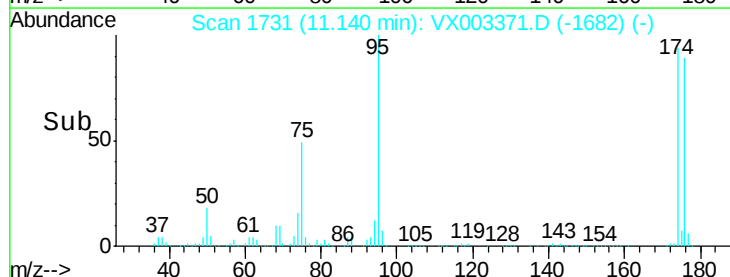
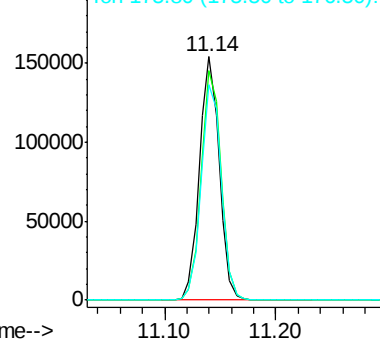
176 90.1 0.0 181.0

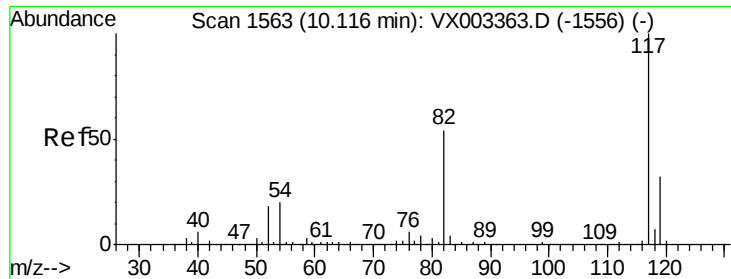


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

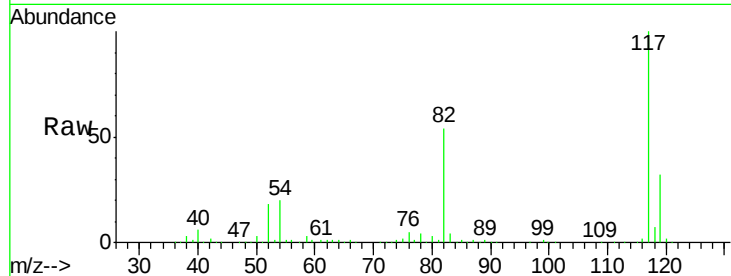




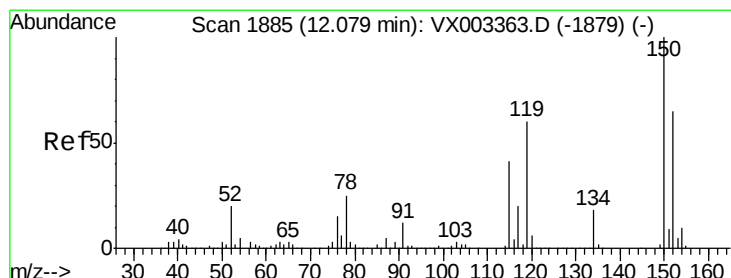
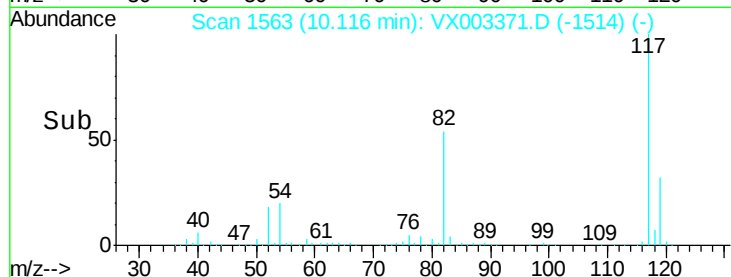
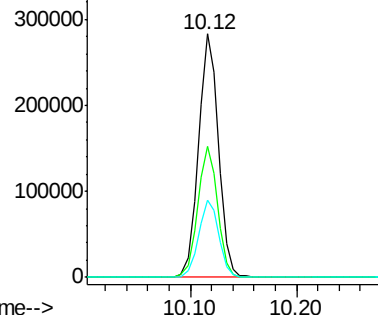
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003371.D
Acq: 13 Jul 2018 19:48

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBL01

Tot Ion:117 Resp: 371336
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 31.9 25.8 38.6

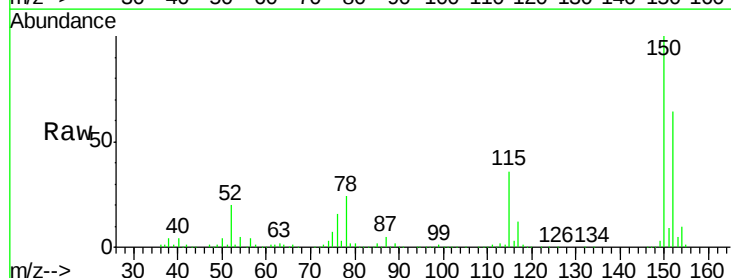


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003371.D
Acq: 13 Jul 2018 19:48

Tgt Ion:152 Resp: 199516
Ion Ratio Lower Upper
152 100
115 55.4 40.1 120.2
150 157.1 0.0 347.2



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

