

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001056.D
 Acq On : 23 Apr 2018 14:11
 Operator : JC/MD
 Sample : J2455-21
 Misc : 3.89g/5.0mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

Quant Time: Apr 24 13:36:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	285050	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	190993	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	132497	50.79	ug/l	0.00
Spiked Amount						
			Recovery	=	101.58%	
35) Dibromofluoromethane	5.51	113	98350	45.25	ug/l	0.00
Spiked Amount						
			Recovery	=	90.50%	
50) Toluene-d8	8.72	98	407395	50.69	ug/l	0.00
Spiked Amount						
			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.15	95	167247	49.58	ug/l	0.00
Spiked Amount						
			Recovery	=	99.16%	

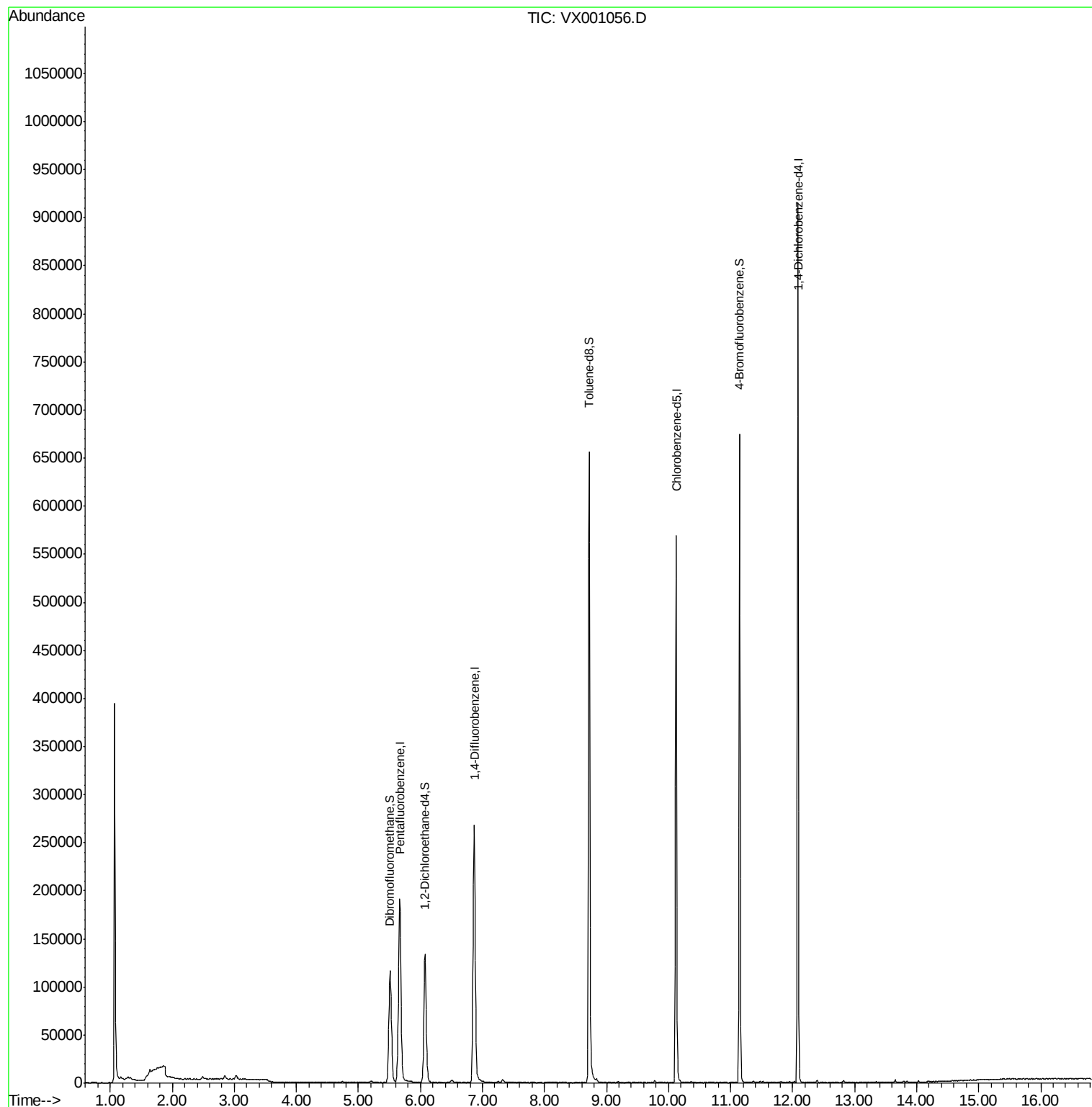
Target Compounds	Qvalue

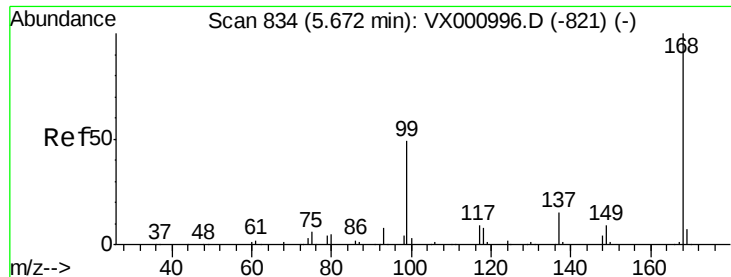
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001056.D

Acq: 23 Apr 2018 14:11

Instrument :

MSVOA_X

ClientSampled :

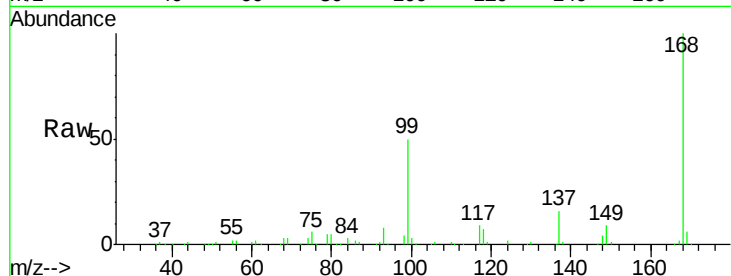
TP-3

Tot Ion:168 Resp: 205784

Ion Ratio Lower Upper

168 100

99 49.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

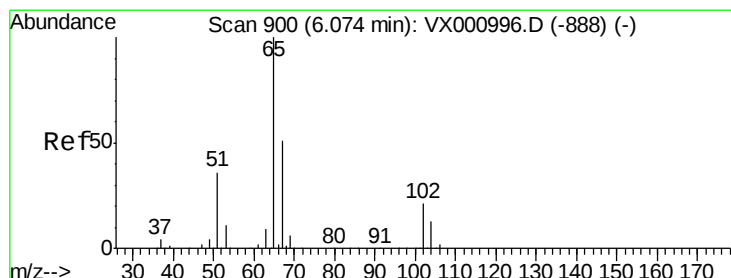
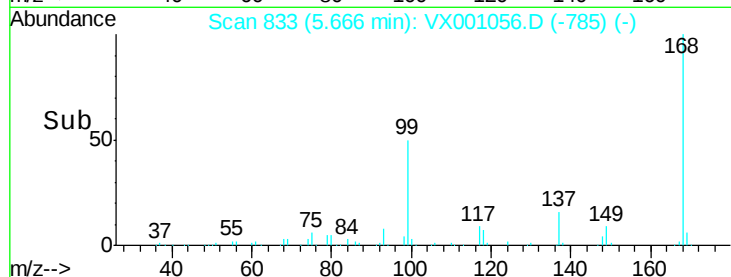
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 50.79 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001056.D

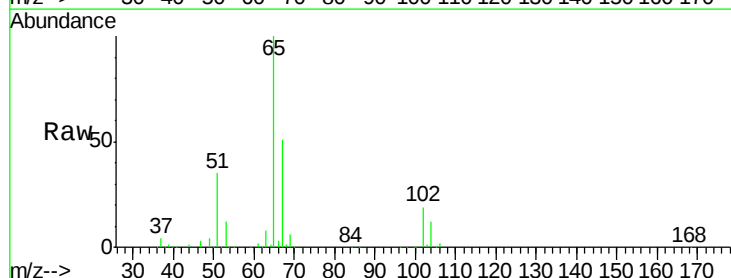
Acq: 23 Apr 2018 14:11

Tgt Ion: 65 Resp: 132497

Ion Ratio Lower Upper

65 100

67 50.7 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

60000

50000

40000

30000

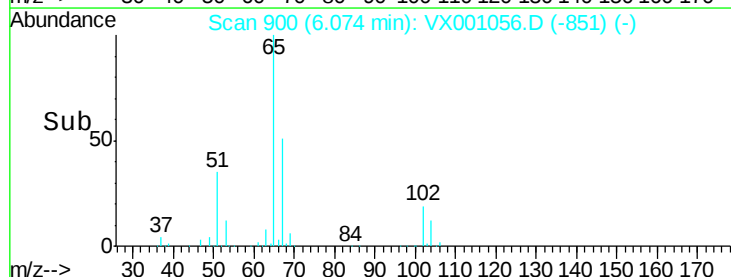
20000

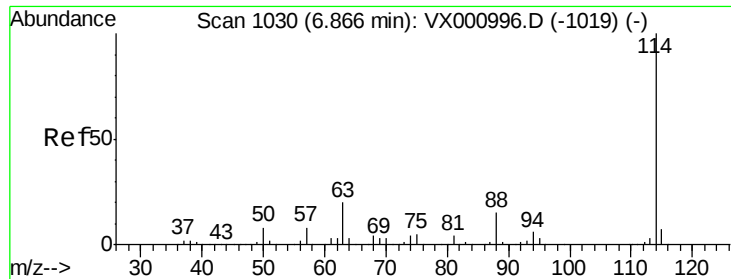
10000

0

Time-->

5.90 6.00 6.10 6.20 6.30

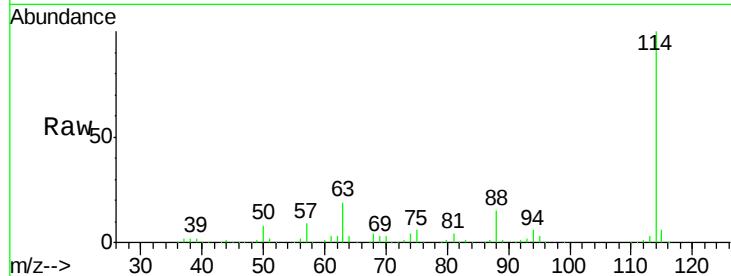




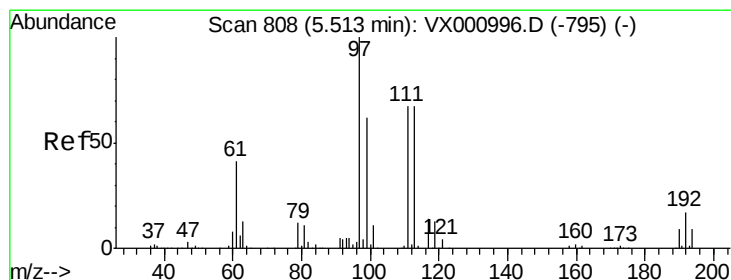
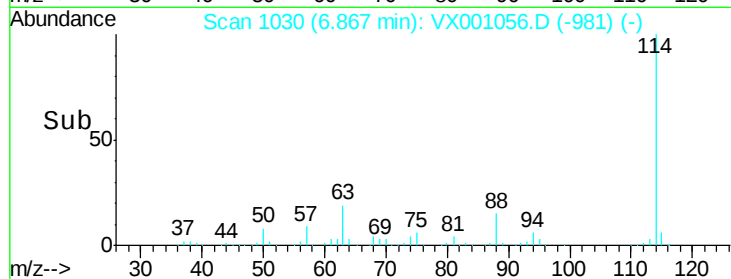
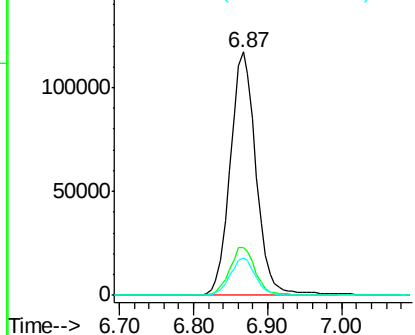
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001056.D
 Acq: 23 Apr 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

Tot Ion:114 Resp: 285050
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.4
 88 15.5 0.0 29.8

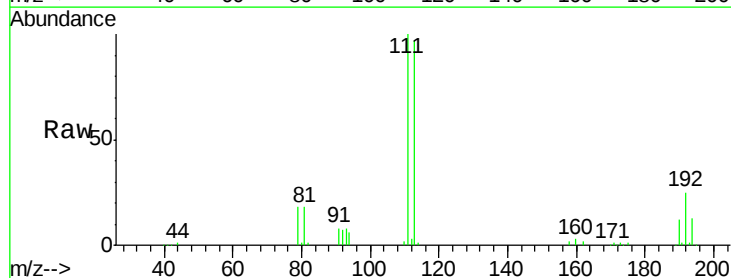


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

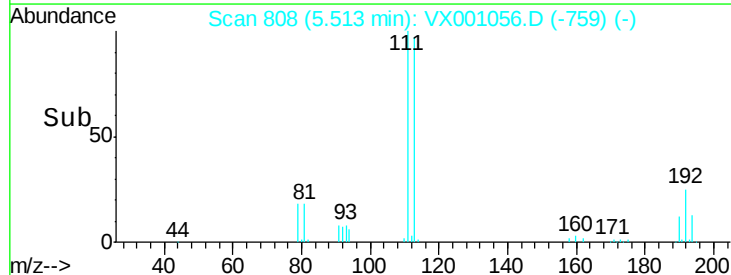
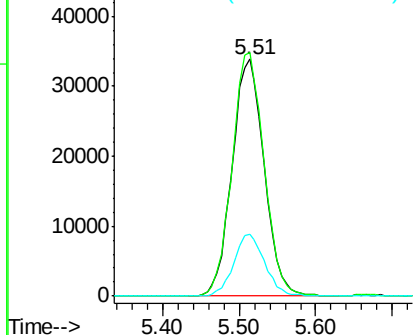


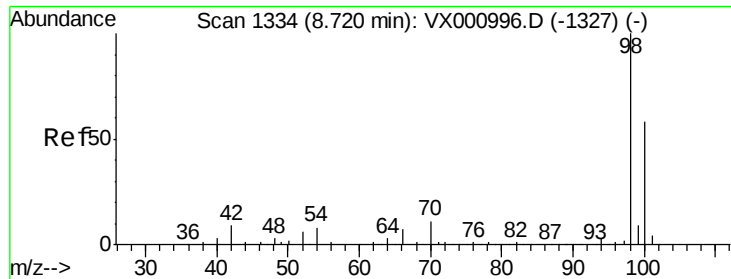
#35
 Dibromofluoromethane
 Concen: 45.25 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001056.D
 Acq: 23 Apr 2018 14:11

Tgt Ion:113 Resp: 98350
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.2
 192 25.2 20.4 30.6



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

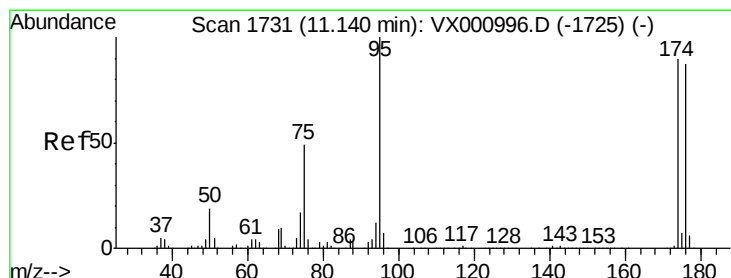
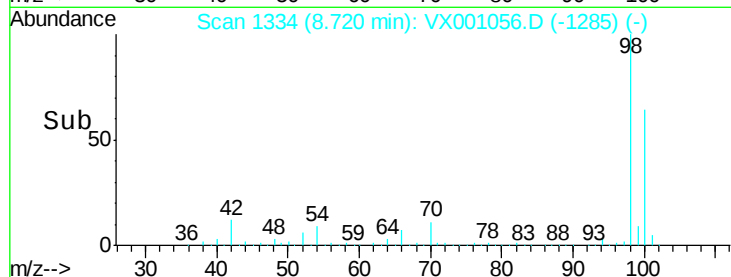
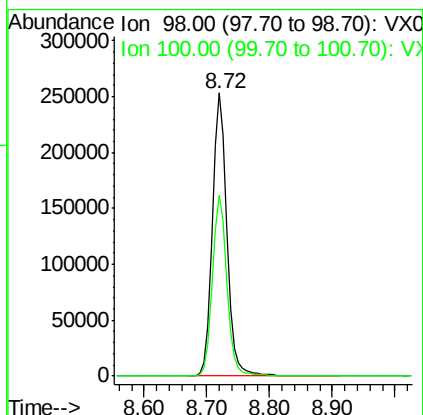
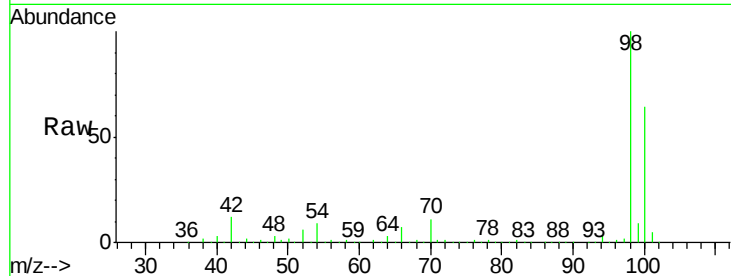




#50
Toluene-d8
Concen: 50.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001056.D
Acq: 23 Apr 2018 14:11

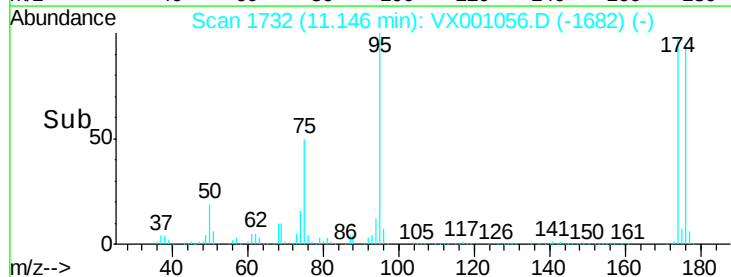
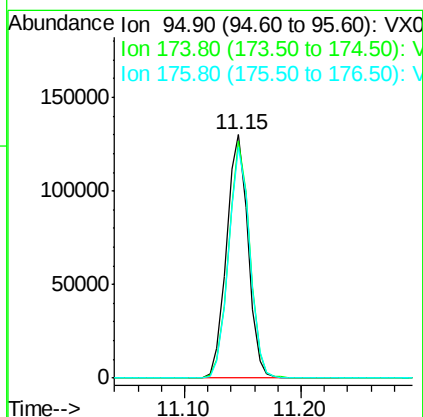
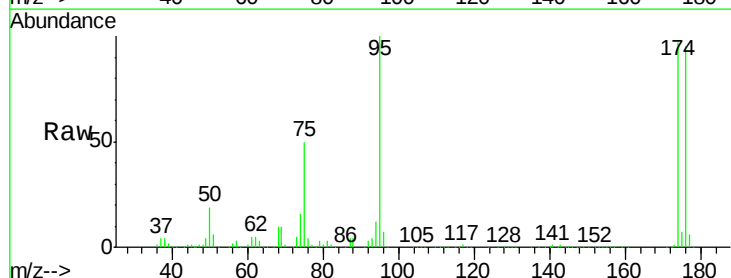
Instrument :
MSVOA_X
ClientSampleId :
TP-3

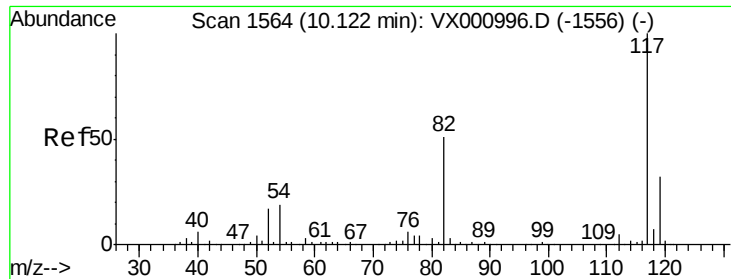
Tot Ion: 98 Resp: 407395
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.58 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001056.D
Acq: 23 Apr 2018 14:11

Tgt Ion: 95 Resp: 167247
Ion Ratio Lower Upper
95 100
174 95.6 0.0 198.4
176 94.2 0.0 192.0

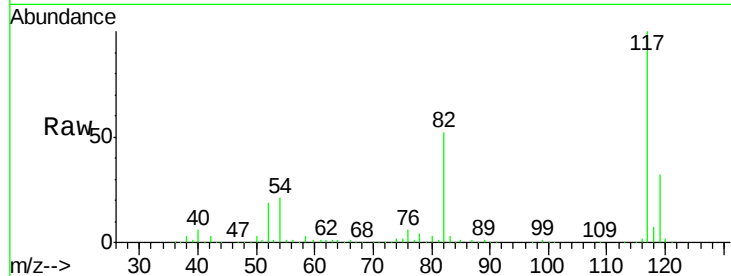




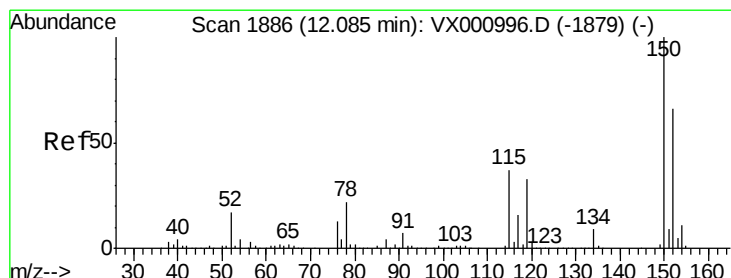
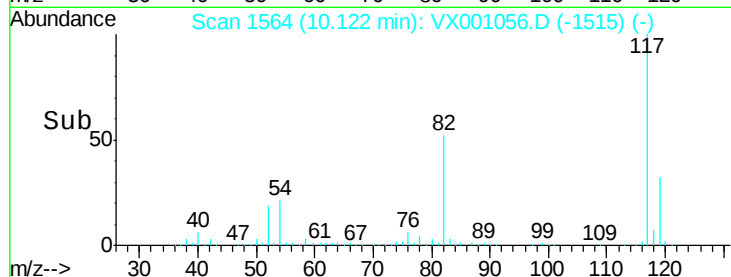
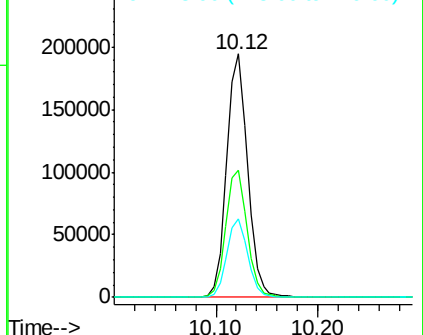
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001056.D
Acq: 23 Apr 2018 14:11

Instrument :
MSVOA_X
ClientSampled :
TP-3

Tot Ion:117 Resp: 275391
Ion Ratio Lower Upper
117 100
82 52.1 40.6 60.8
119 32.3 26.0 39.0

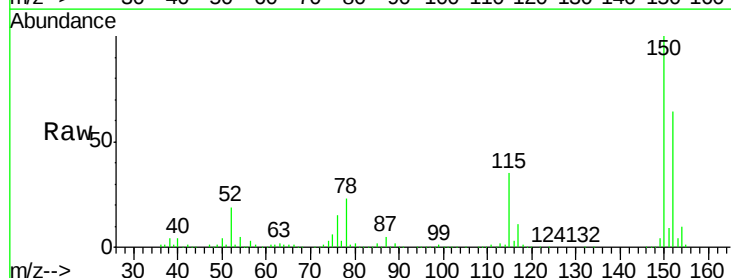


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001056.D
Acq: 23 Apr 2018 14:11

Tgt Ion:152 Resp: 190993
Ion Ratio Lower Upper
152 100
115 53.9 38.2 114.6
150 155.4 0.0 350.4



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

