

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002840.D
 Acq On : 22 Jun 2018 19:33
 Operator : JC/MD
 Sample : J3662-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2TB03-180618

Quant Time: Jun 25 11:01:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	334224	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174210	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164247	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	5.51	113	128490	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	8.72	98	475485	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
62) 4-Bromofluorobenzene	11.14	95	165611	43.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.30%	

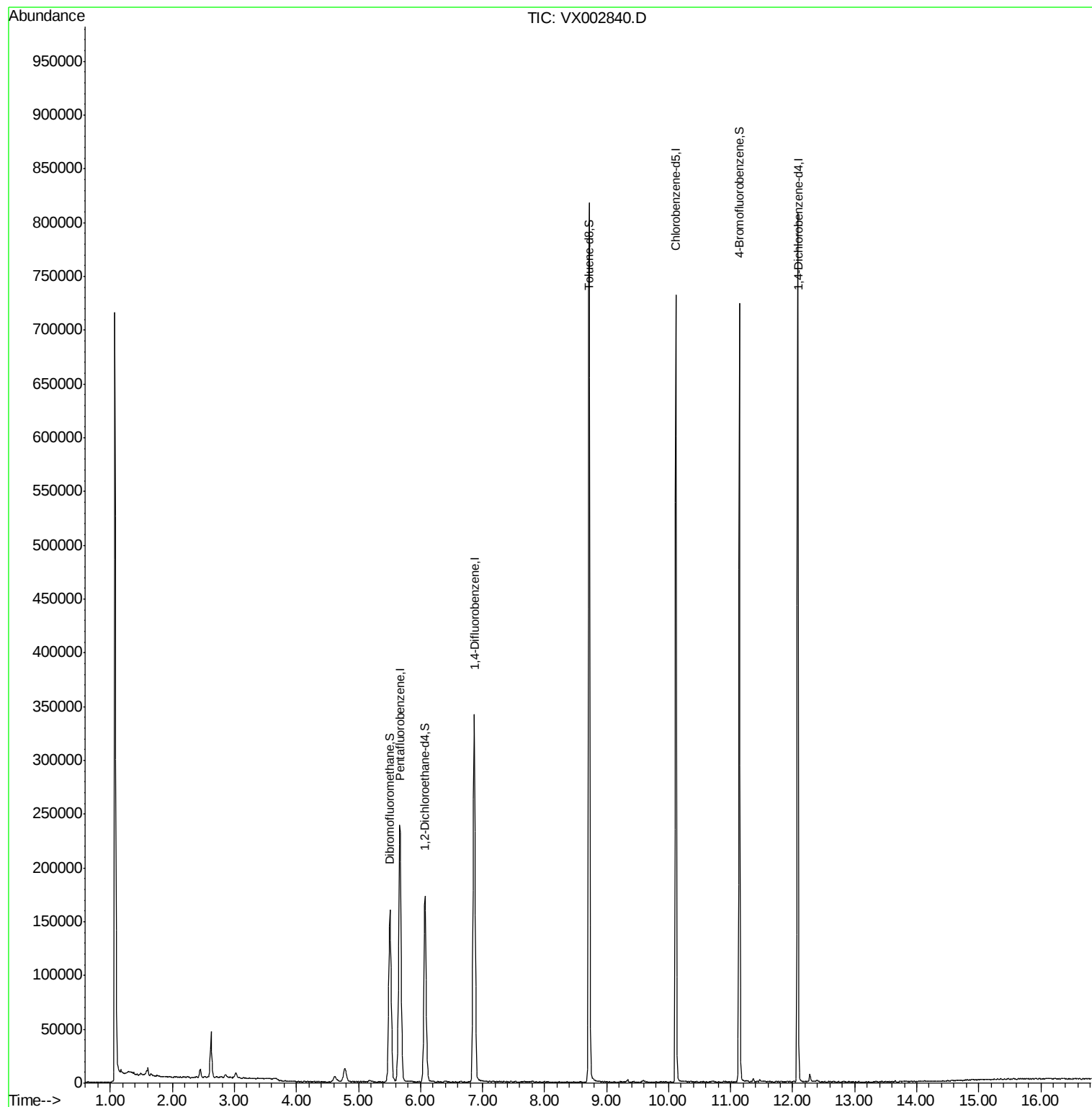
Target Compounds	Qvalue
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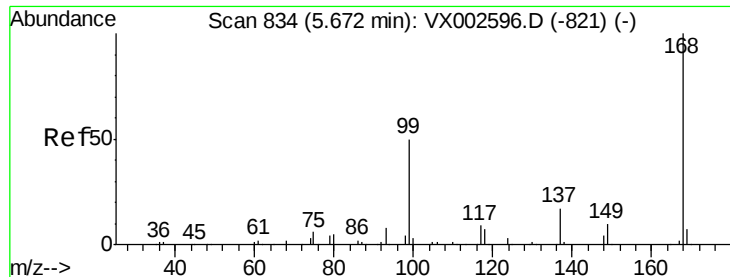
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002840.D

Acq: 22 Jun 2018 19:33

Instrument :

MSVOA_X

ClientSampleId :

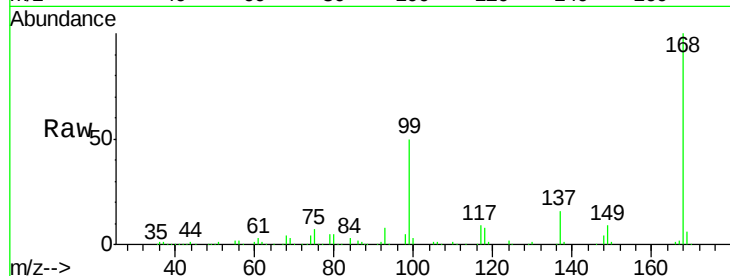
Z2TB03-180618

Tot Ion:168 Resp: 236545

Ion Ratio Lower Upper

168 100

99 50.4 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

80000

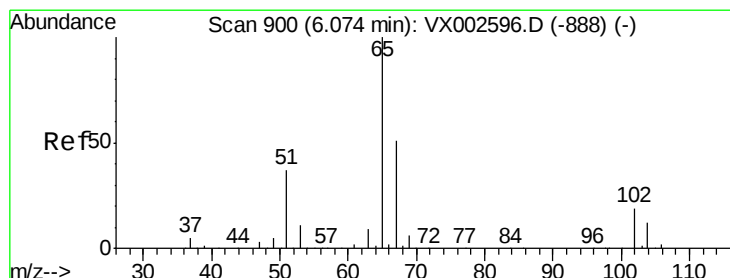
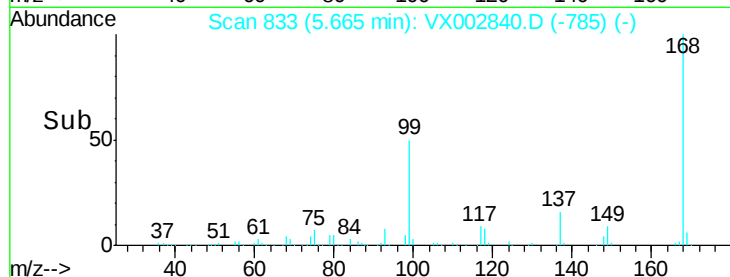
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.69 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002840.D

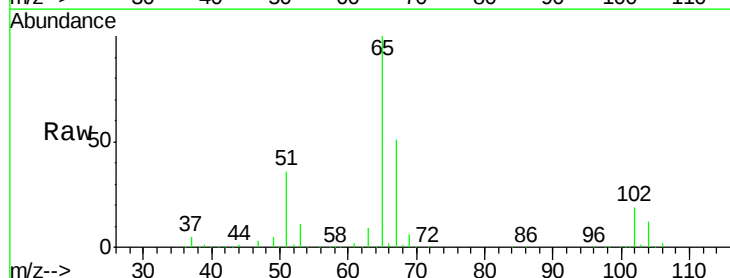
Acq: 22 Jun 2018 19:33

Tgt Ion: 65 Resp: 164247

Ion Ratio Lower Upper

65 100

67 51.4 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

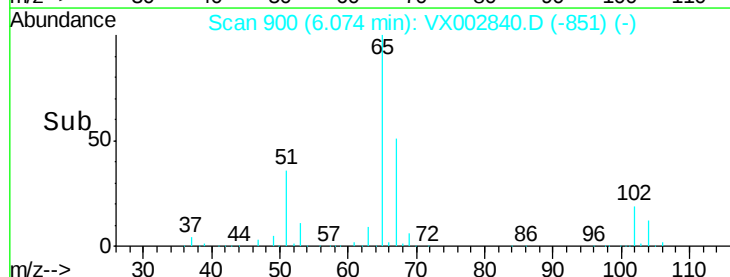
60000

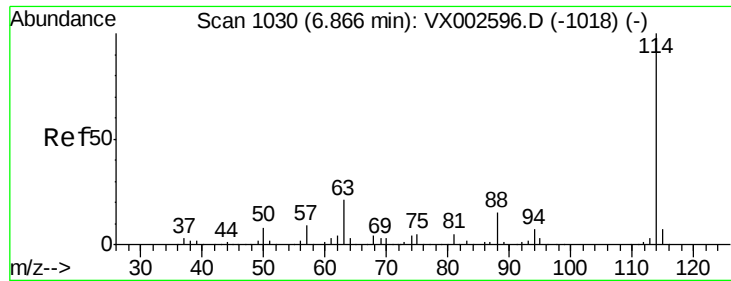
40000

20000

0

Time--> 6.00 6.10 6.20

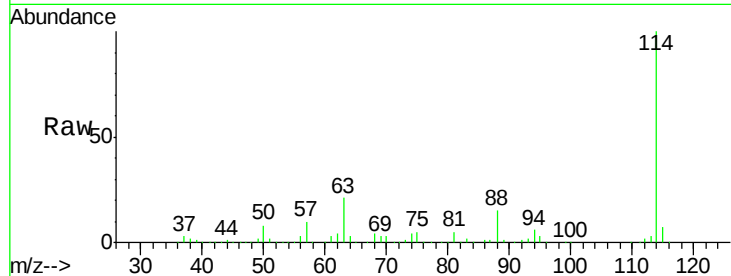




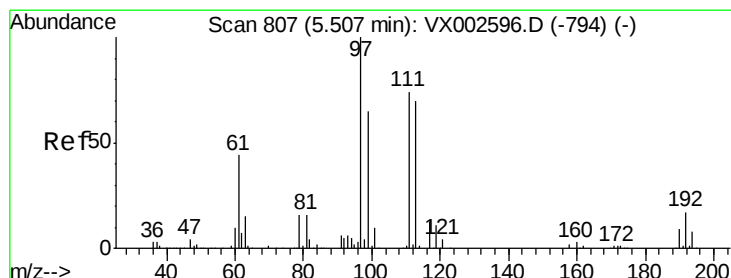
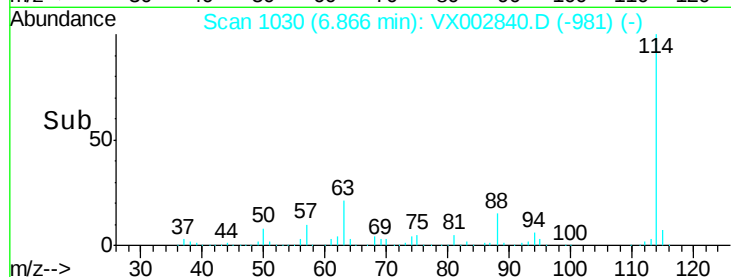
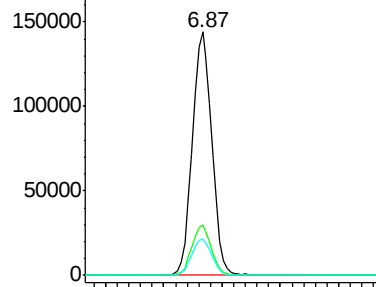
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002840.D
 Acq: 22 Jun 2018 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2TB03-180618

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.4
88	14.9	0.0	30.0

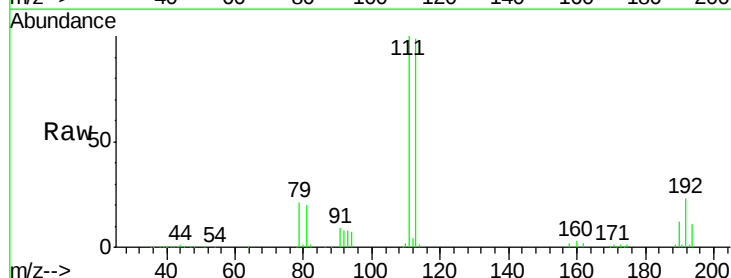


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

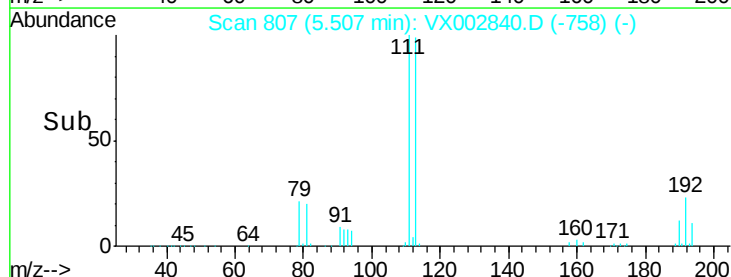
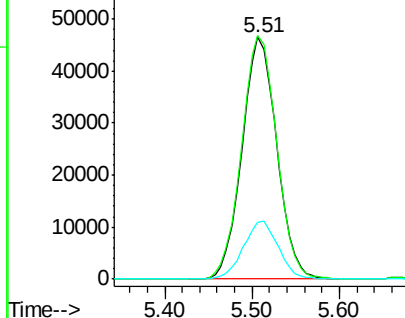


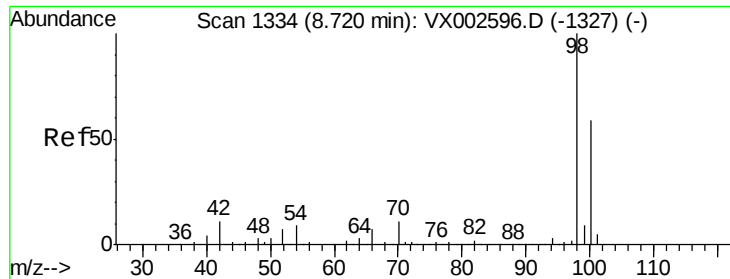
#35
 Dibromofluoromethane
 Concen: 48.17 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002840.D
 Acq: 22 Jun 2018 19:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.0
192	24.0	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: 46.95 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002840.D

Acq: 22 Jun 2018 19:33

Instrument :

MSVOA_X

ClientSampleId :

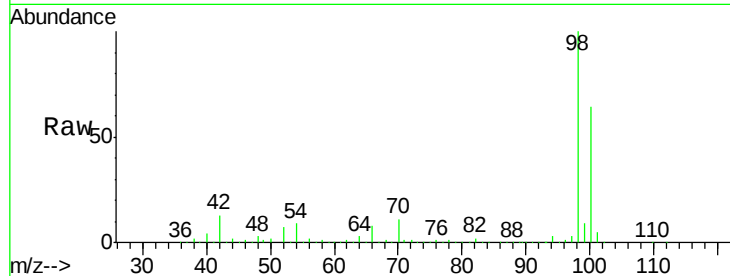
Z2TB03-180618

Tot Ion: 98 Resp: 475485

Ion Ratio Lower Upper

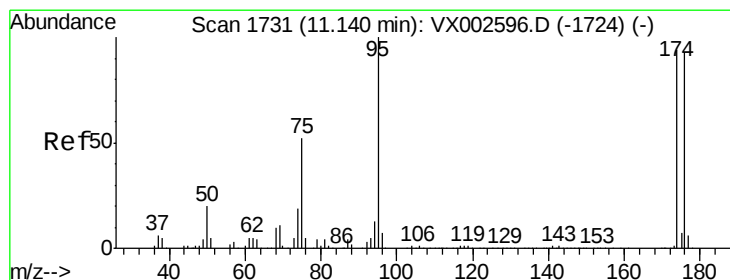
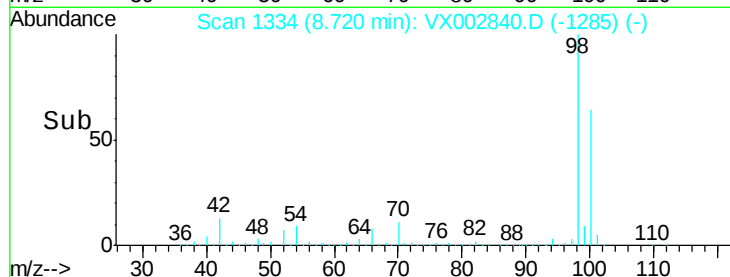
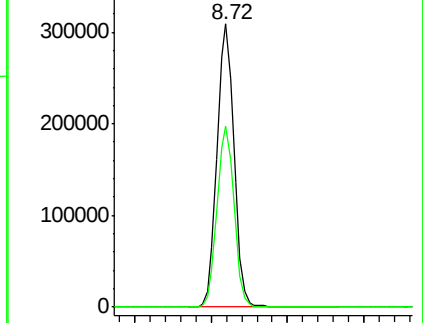
98 100

100 64.0 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: 43.15 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002840.D

Acq: 22 Jun 2018 19:33

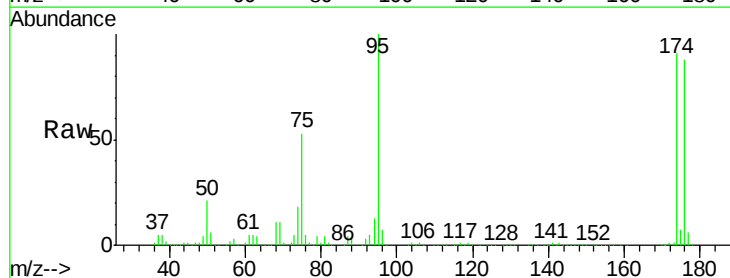
Tgt Ion: 95 Resp: 165611

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

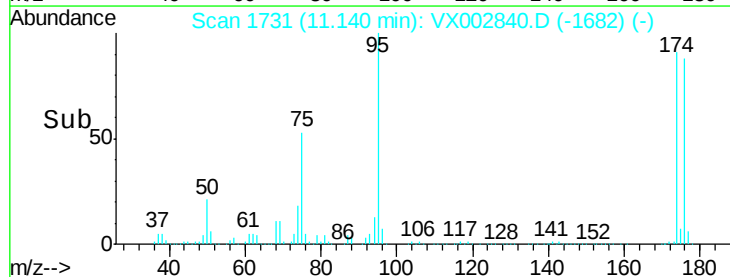
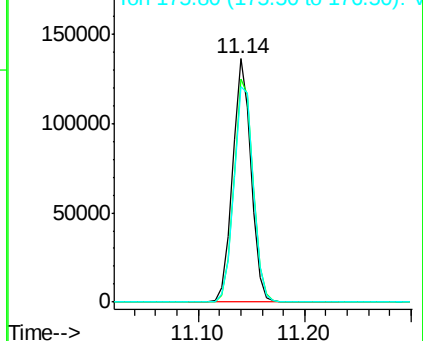
176 93.8 0.0 181.0

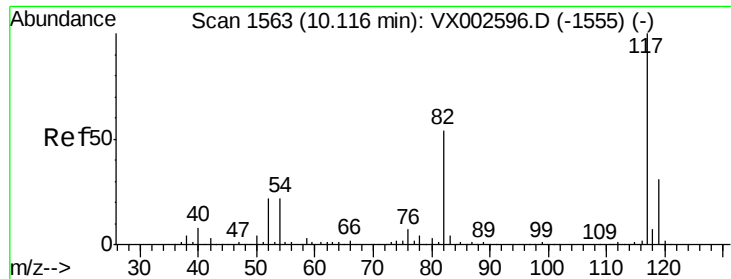


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

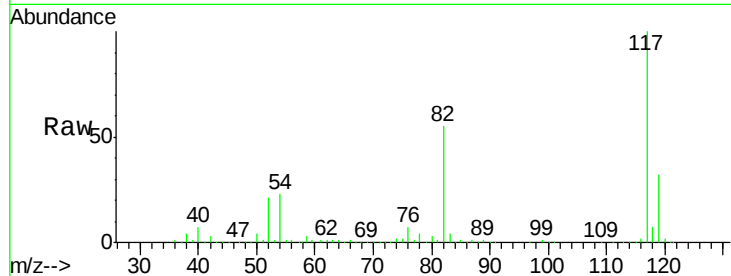




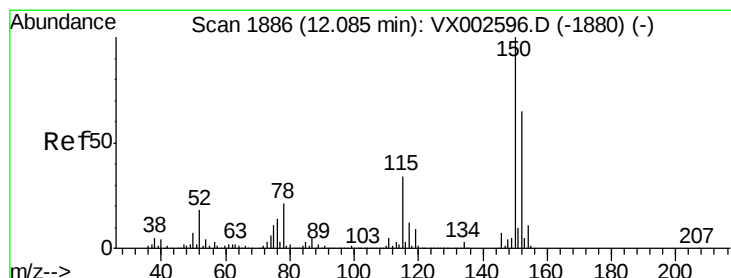
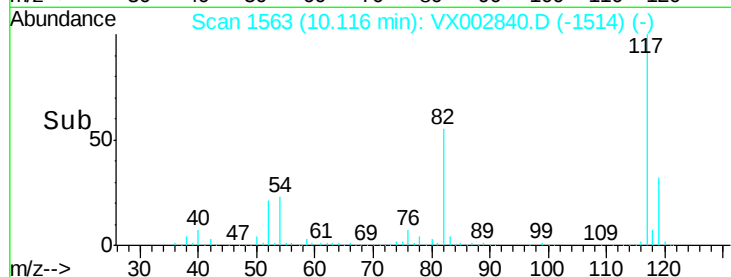
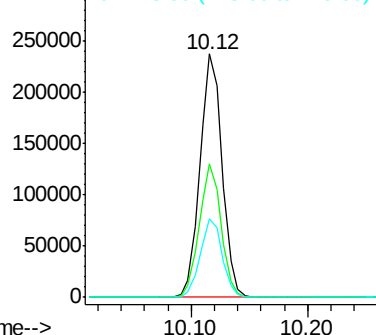
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002840.D
Acq: 22 Jun 2018 19:33

Instrument :
MSVOA_X
ClientSampleId :
Z2TB03-180618

Tot Ion:117 Resp: 313252
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 32.4 25.8 38.6

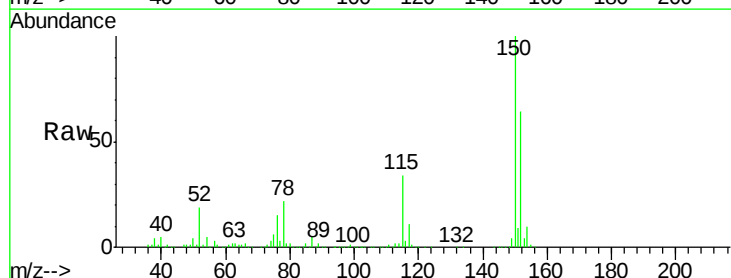


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002840.D
Acq: 22 Jun 2018 19:33

Tgt Ion:152 Resp: 174210
Ion Ratio Lower Upper
152 100
115 54.7 40.1 120.2
150 155.6 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

