

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008802.D
 Acq On : 10 Apr 2019 14:00
 Operator : JC/SP
 Sample : K2349-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB06-190409

Quant Time: Apr 11 07:39:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124535	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	138057	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
35) Dibromofluoromethane	5.50	113	101243	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
50) Toluene-d8	8.71	98	425263	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.13	95	144342	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	

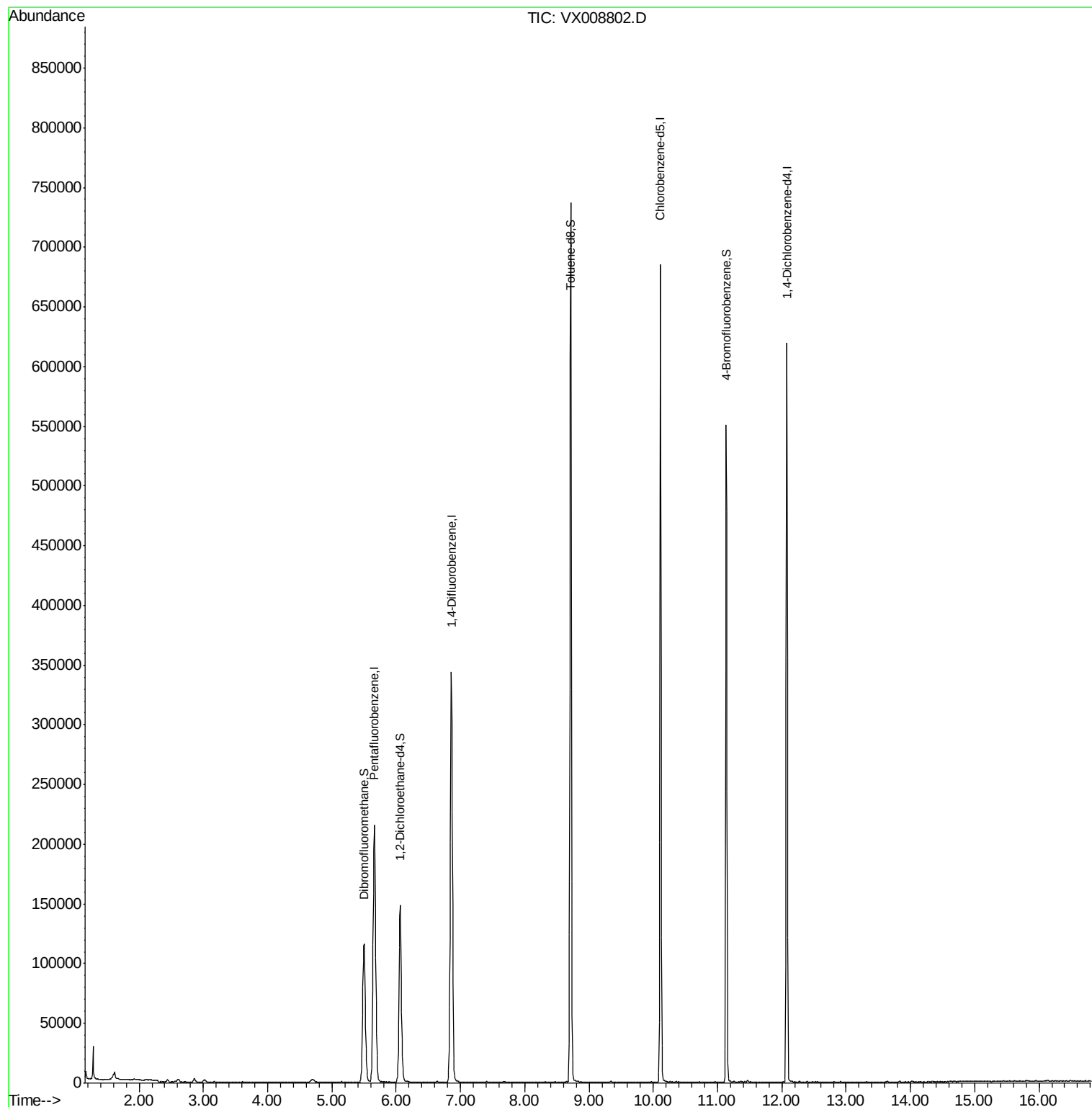
Target Compounds	Qvalue
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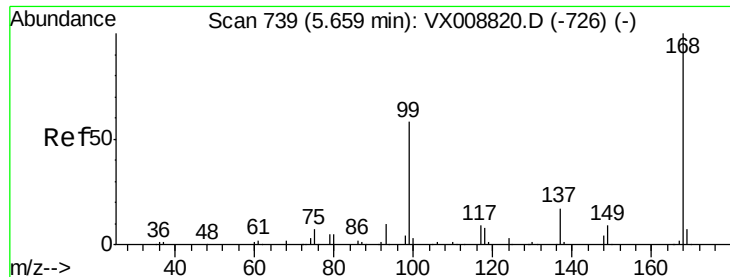
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008802.D

Acq: 10 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

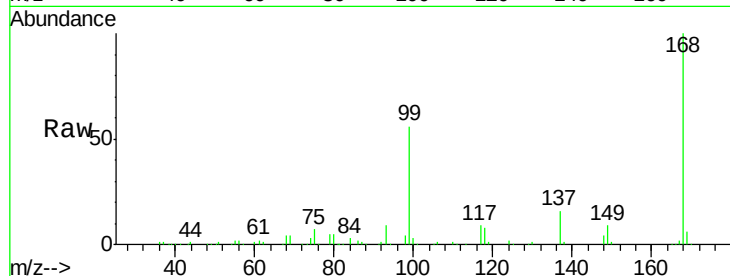
Z3-TB06-190409

Tot Ion:168 Resp: 205917

Ion Ratio Lower Upper

168 100

99 56.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

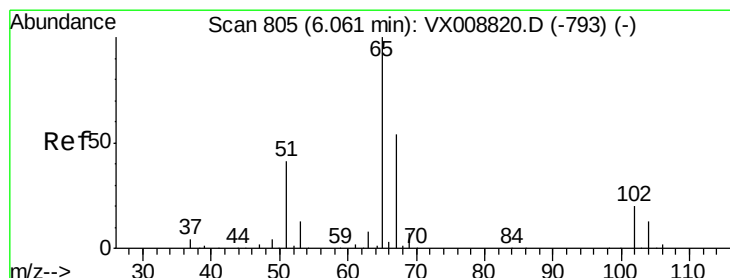
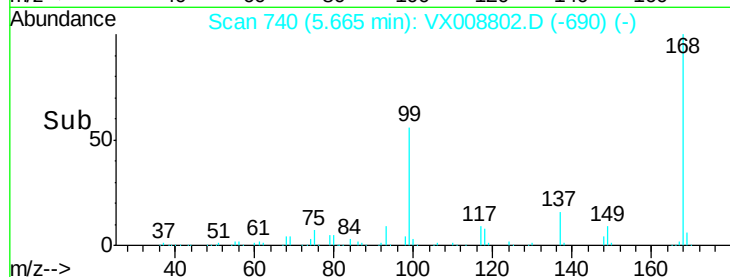
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.967 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008802.D

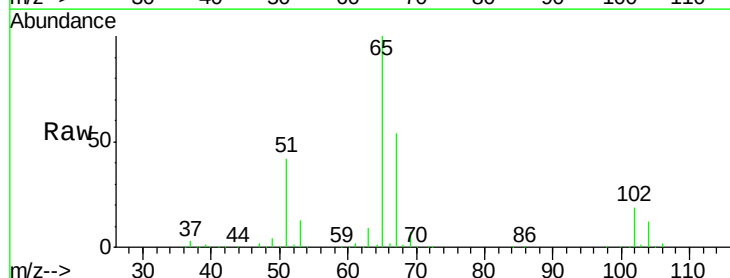
Acq: 10 Apr 2019 14:00

Tgt Ion: 65 Resp: 138057

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

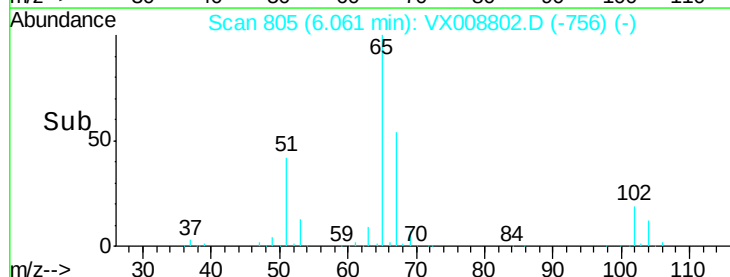
30000

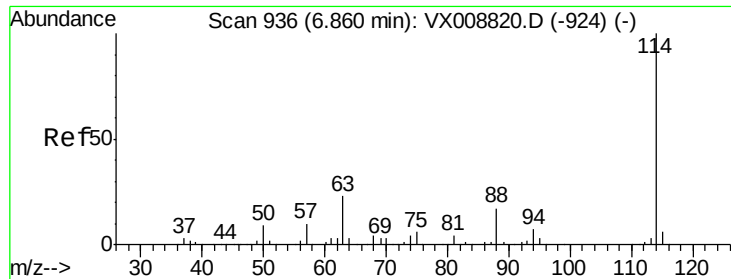
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

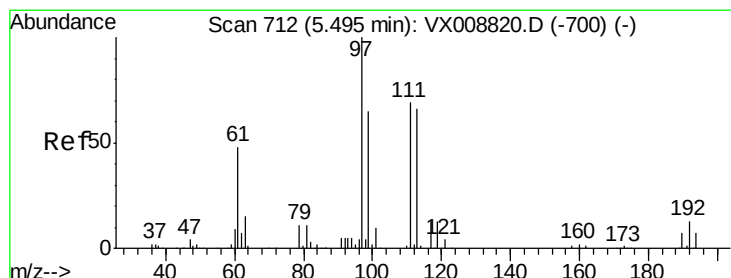
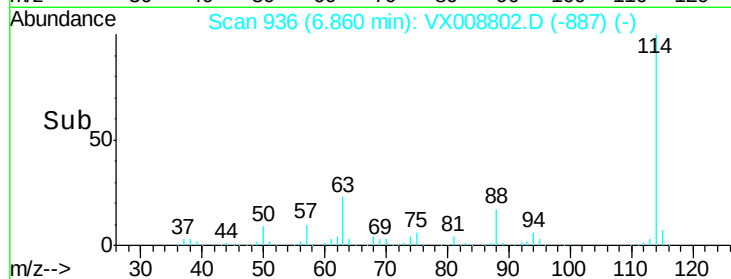
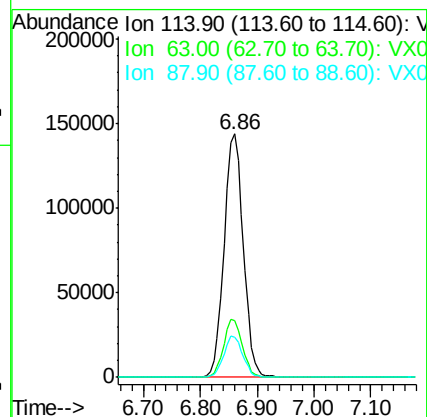
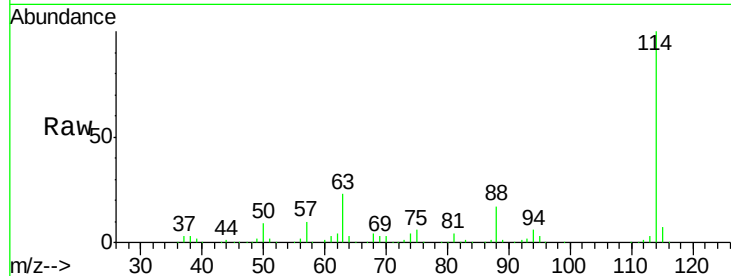




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008802.D
 Acq: 10 Apr 2019 14:00

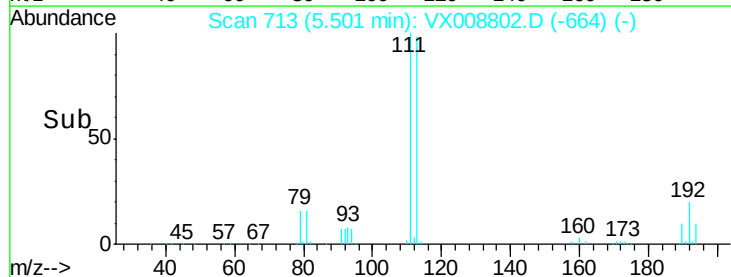
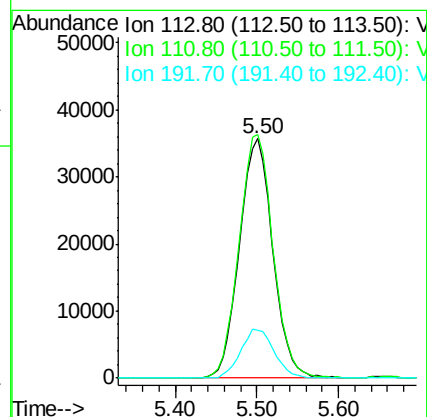
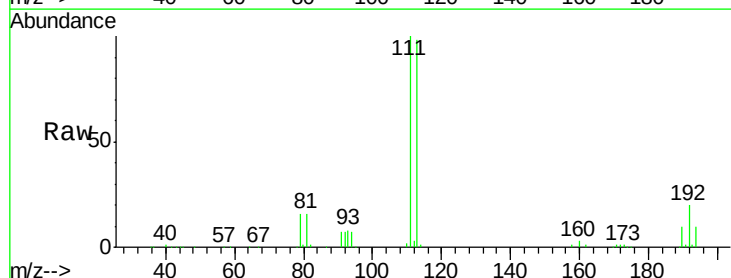
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB06-190409

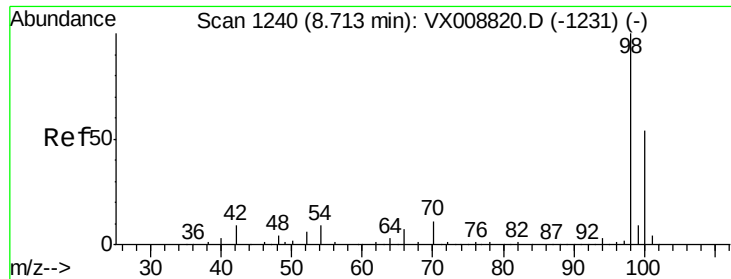
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	47.2
88	16.6	0.0	34.0



#35
 Dibromofluoromethane
 Concen: 46.945 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008802.D
 Acq: 10 Apr 2019 14:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.4	125.2
192	20.7	16.1	24.1





#50

Toluene-d8

Concen: 49.524 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008802.D

Acq: 10 Apr 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

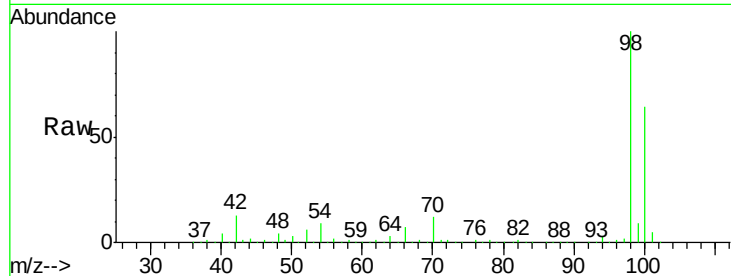
Z3-TB06-190409

Tot Ion: 98 Resp: 425263

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

300000

250000

200000

150000

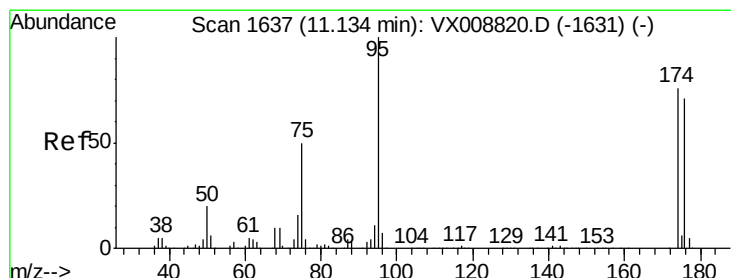
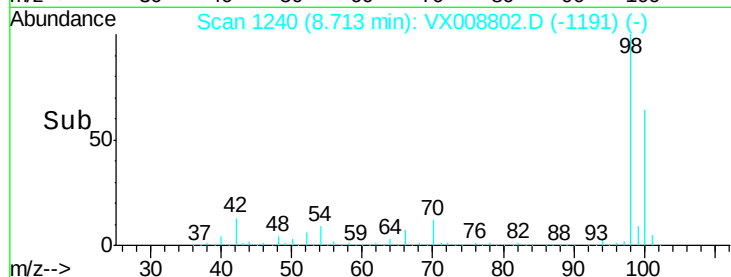
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 47.401 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008802.D

Acq: 10 Apr 2019 14:00

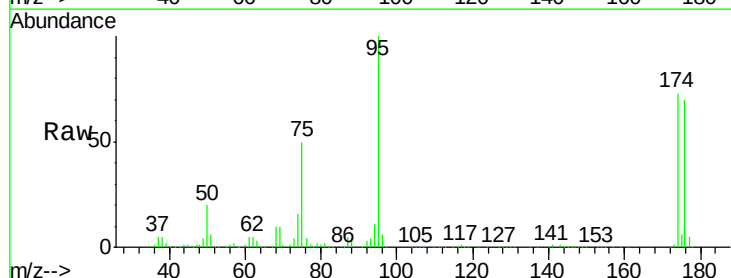
Tgt Ion: 95 Resp: 144342

Ion Ratio Lower Upper

95 100

174 77.6 0.0 151.8

176 75.0 0.0 145.8



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

150000

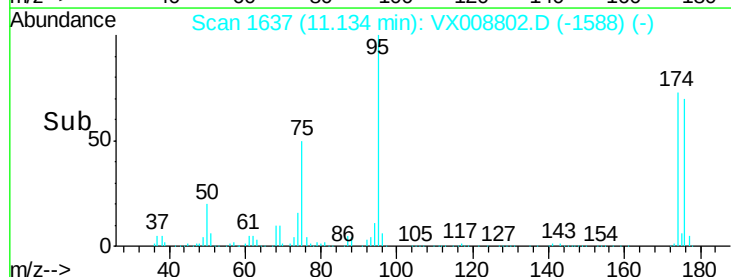
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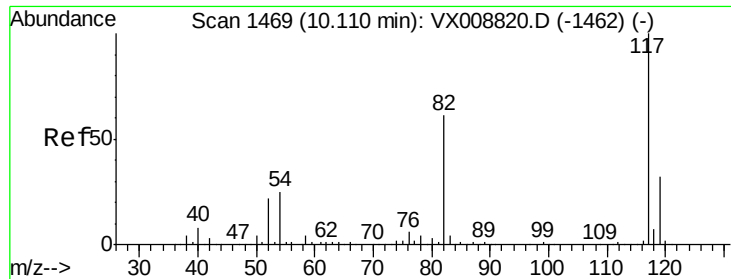
50000

0

11.10 11.20

Time-->

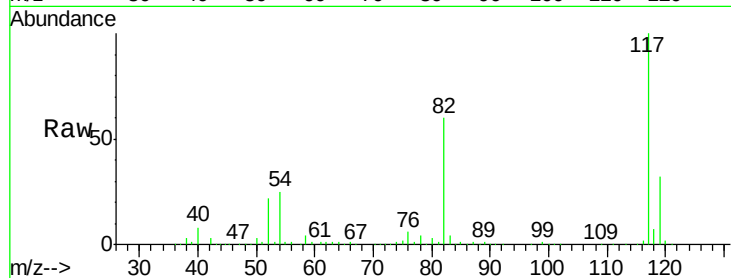




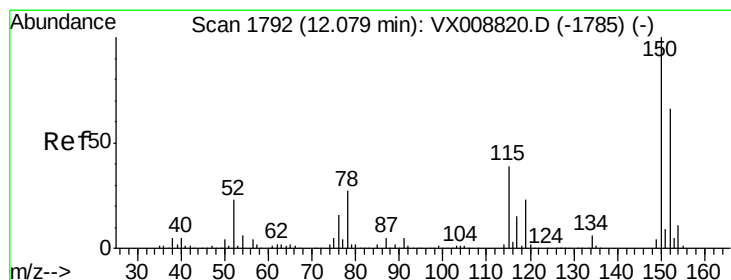
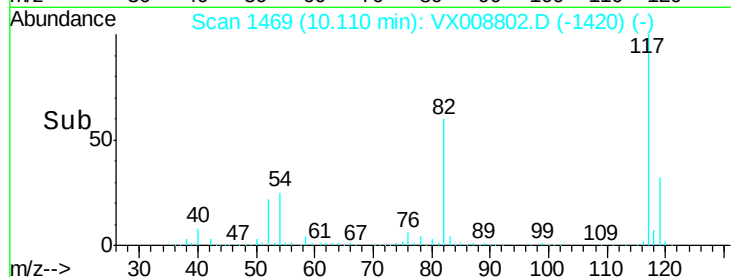
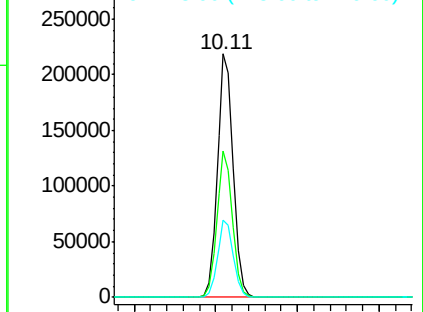
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008802.D
Acq: 10 Apr 2019 14:00

Instrument :
MSVOA_X
ClientSampleId :
Z3-TB06-190409

Tot Ion:117 Resp: 297988
Ion Ratio Lower Upper
117 100
82 59.9 49.6 74.4
119 31.8 25.0 37.4

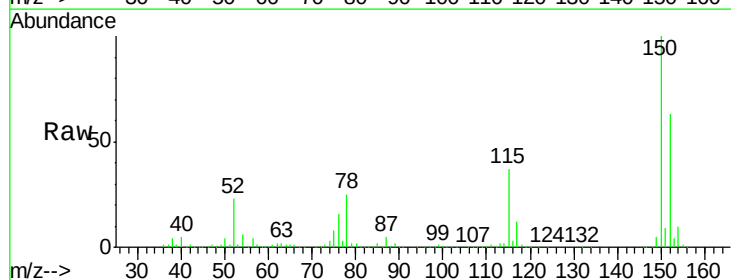


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008802.D
Acq: 10 Apr 2019 14:00

Tgt Ion:152 Resp: 124535
Ion Ratio Lower Upper
152 100
115 60.6 43.5 130.5
150 159.1 0.0 348.8



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

