

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008702.D
 Acq On : 05 Apr 2019 23:12
 Operator : JC/SP
 Sample : K2296-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-TB-2019-2

Quant Time: Apr 06 03:37:42 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	5.66	168	207035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	299839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126813	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	144414	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
35) Dibromofluoromethane	5.50	113	104981	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
50) Toluene-d8	8.71	98	433349	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.13	95	146732	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	

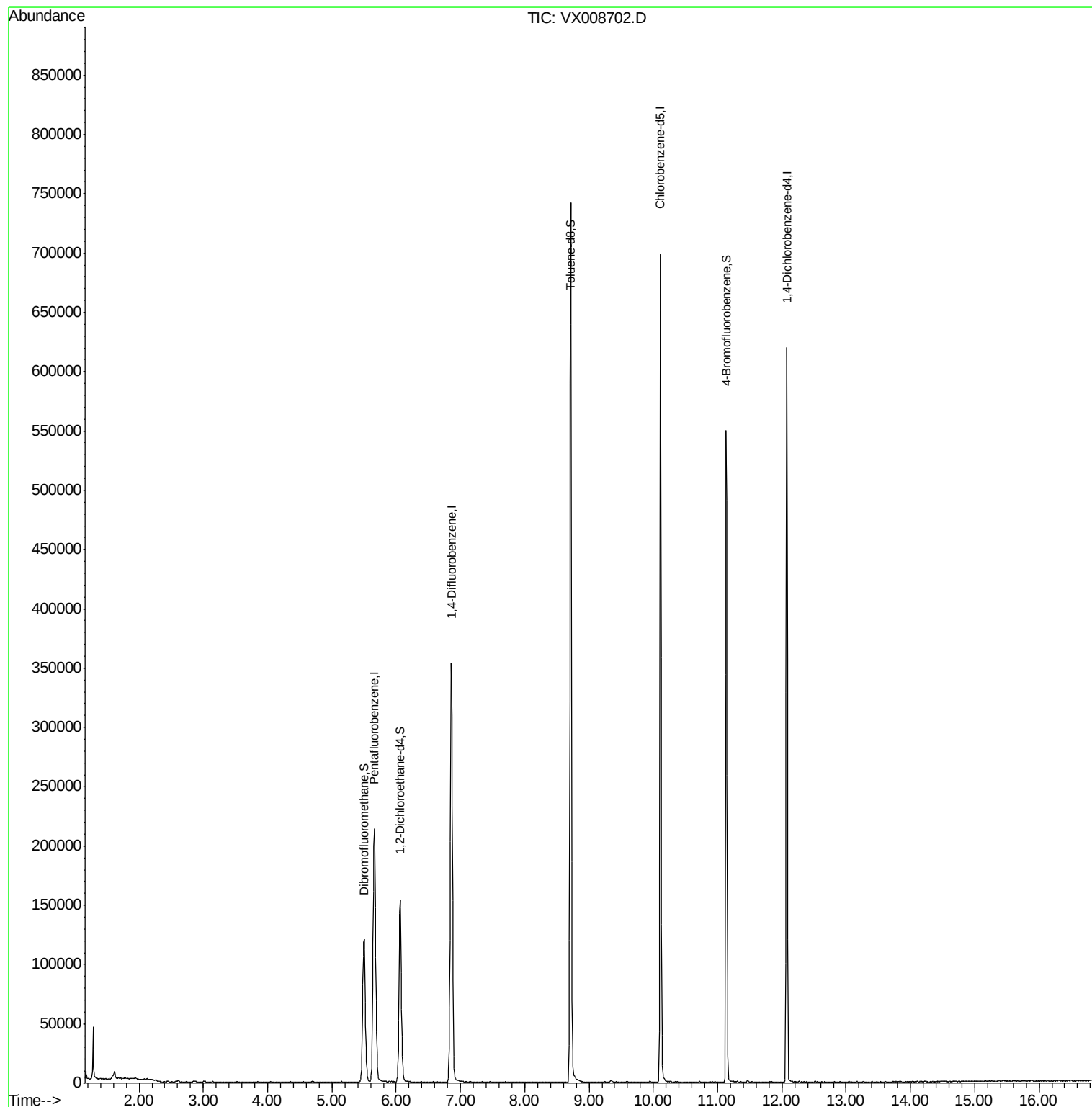
Target Compounds	Qvalue
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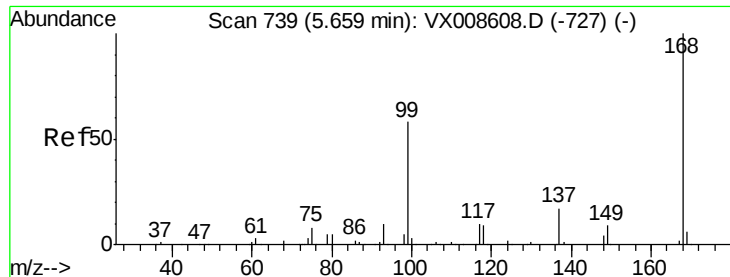
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008702.D

Acq: 05 Apr 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

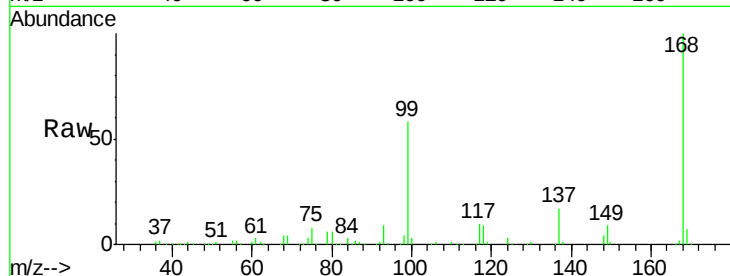
SB-TB-2019-2

Tgt Ion:168 Resp: 207035

Ion Ratio Lower Upper

168 100

99 57.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

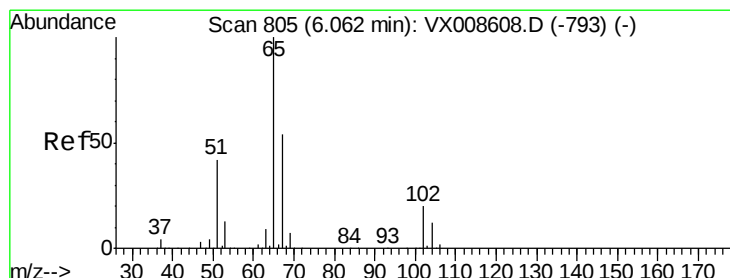
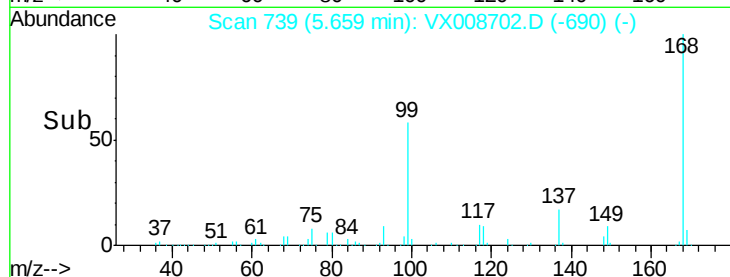
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.824 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008702.D

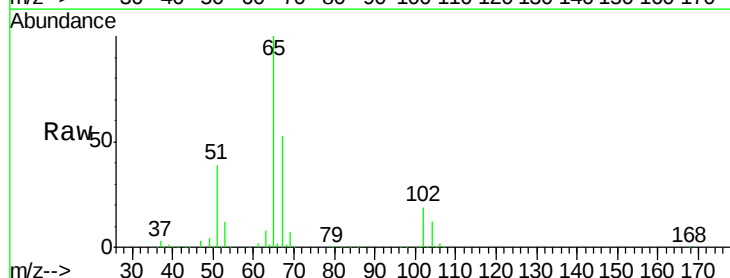
Acq: 05 Apr 2019 23:12

Tgt Ion: 65 Resp: 144414

Ion Ratio Lower Upper

65 100

67 53.9 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

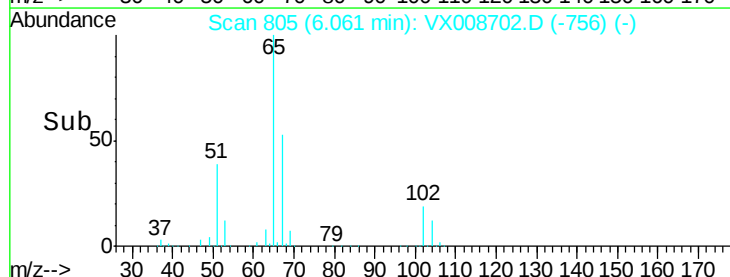
30000

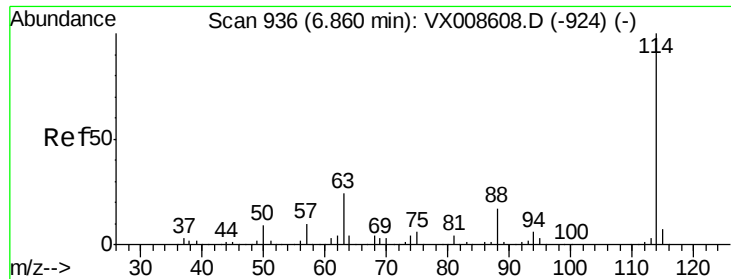
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

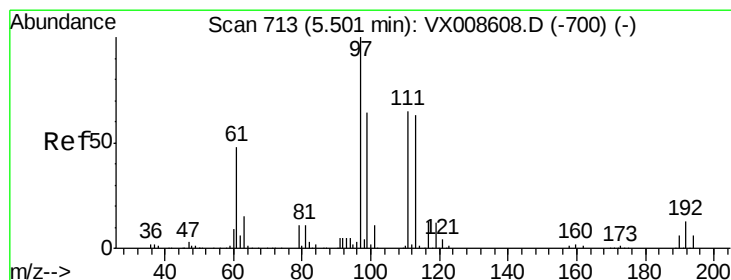
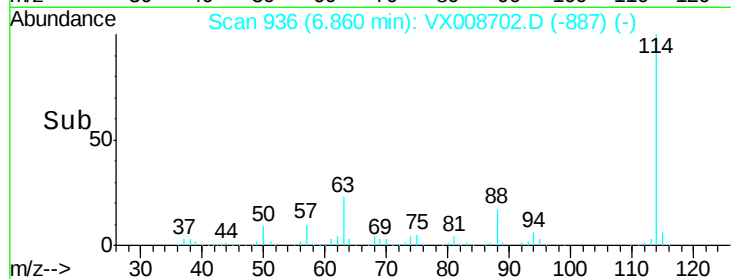
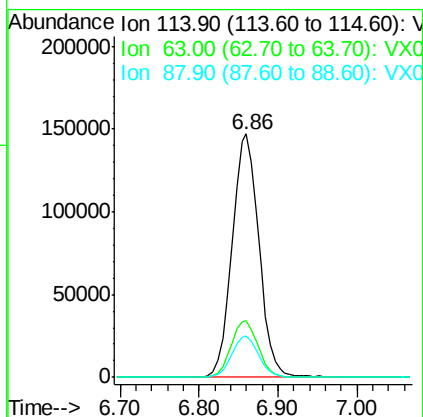
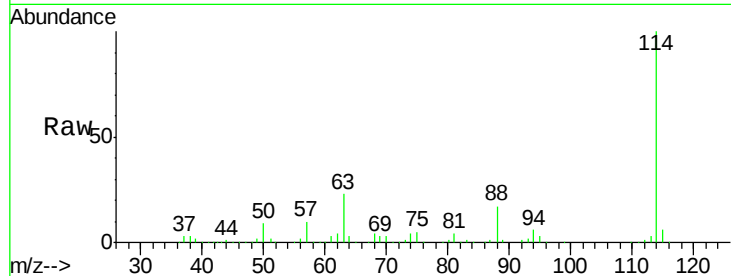




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008702.D
 Acq: 05 Apr 2019 23:12

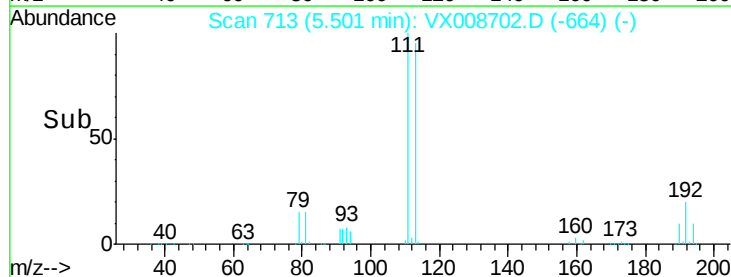
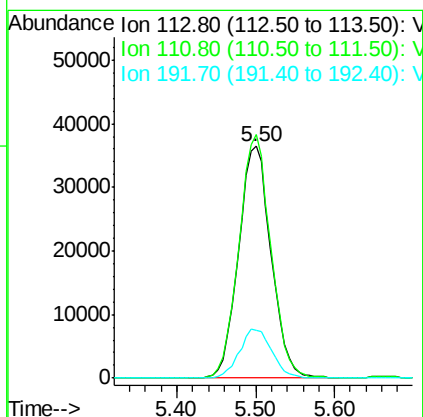
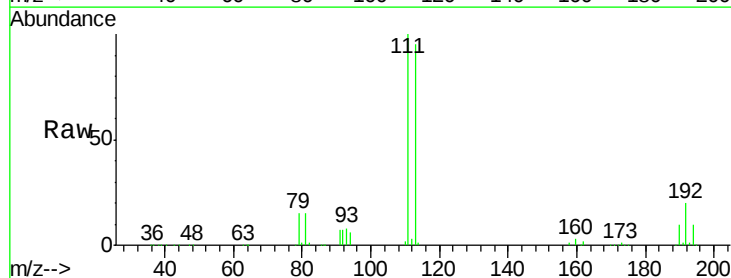
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-TB-2019-2

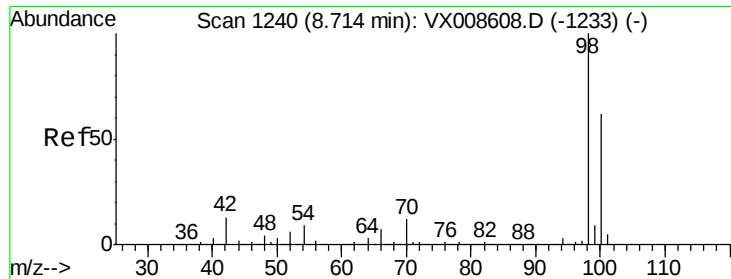
Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	47.2
88	16.9	0.0	34.0



#35
 Dibromofluoromethane
 Concen: 47.376 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008702.D
 Acq: 05 Apr 2019 23:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.2
192	21.0	16.1	24.1

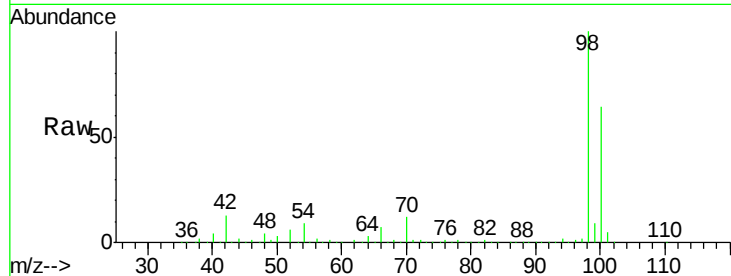




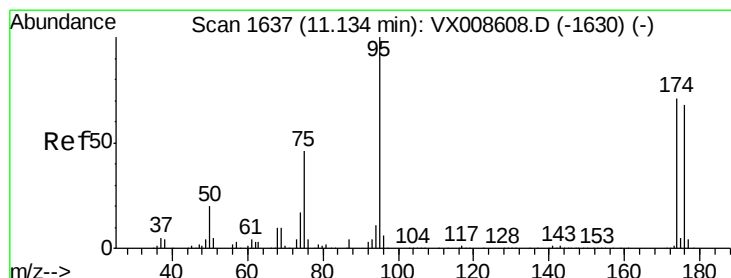
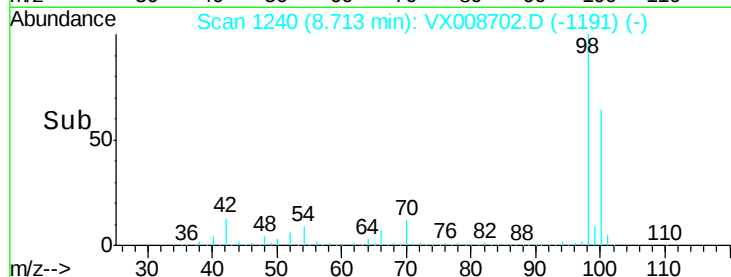
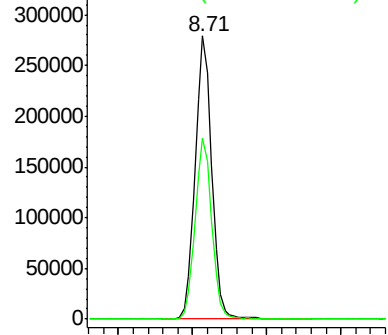
#50
Toluene-d8
Concen: 49.115 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008702.D
Acq: 05 Apr 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
SB-TB-2019-2

Tgt Ion: 98 Resp: 433349
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0

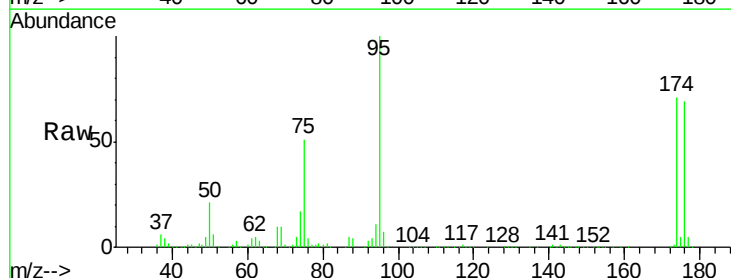


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

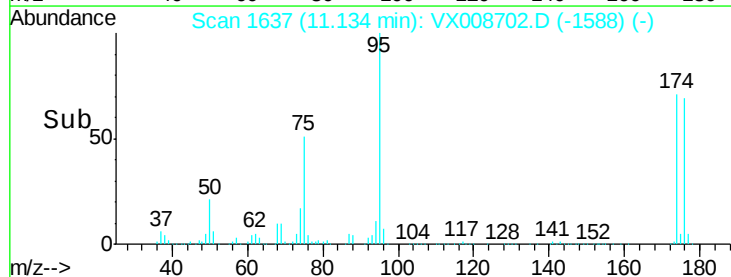
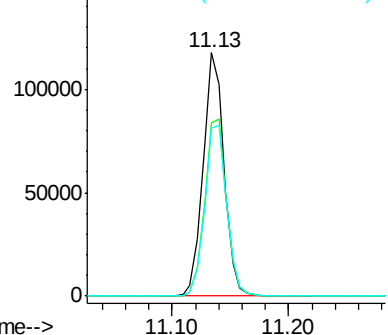


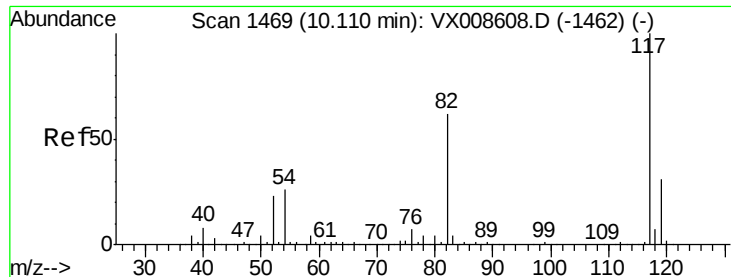
#62
4-Bromofluorobenzene
Concen: 46.897 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008702.D
Acq: 05 Apr 2019 23:12

Tgt Ion: 95 Resp: 146732
Ion Ratio Lower Upper
95 100
174 76.4 0.0 151.8
176 74.0 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





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008702.D

Acq: 05 Apr 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

SB-TB-2019-2

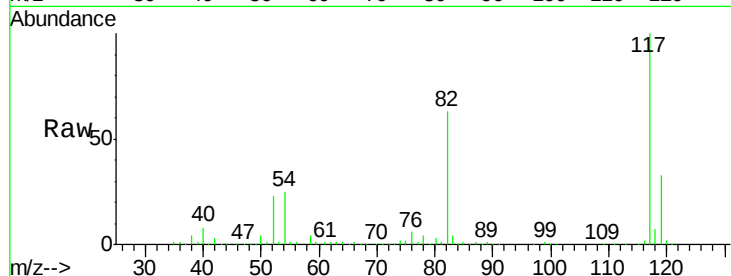
Tgt Ion:117 Resp: 299839

Ion Ratio Lower Upper

117 100

82 62.5 49.6 74.4

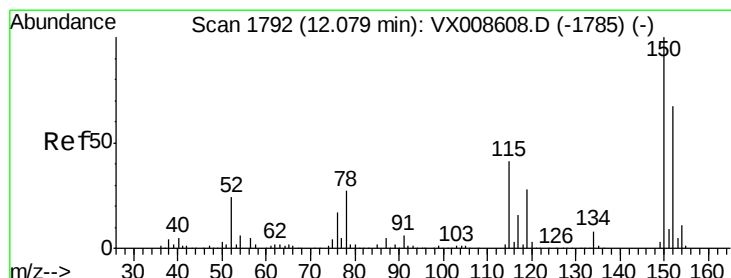
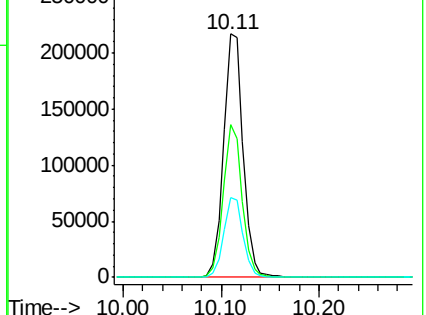
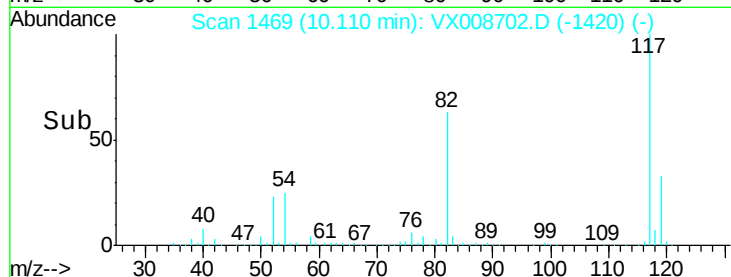
119 32.9 25.0 37.4



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: VX008702.D

Acq: 05 Apr 2019 23:12

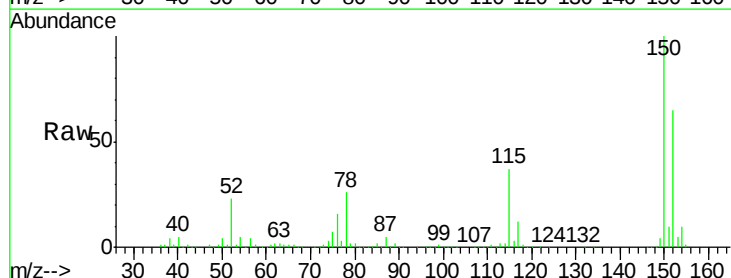
Tgt Ion:152 Resp: 126813

Ion Ratio Lower Upper

152 100

115 59.8 43.5 130.5

150 155.3 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

