

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052419\
 Data File : VX009884.D
 Acq On : 24 May 2019 14:14
 Operator : JC/SP
 Sample : K3036-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FEQC-TB-052319

Quant Time: May 25 01:12:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112618	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122602	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	5.50	113	86952	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	8.71	98	364297	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.13	95	123303	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	

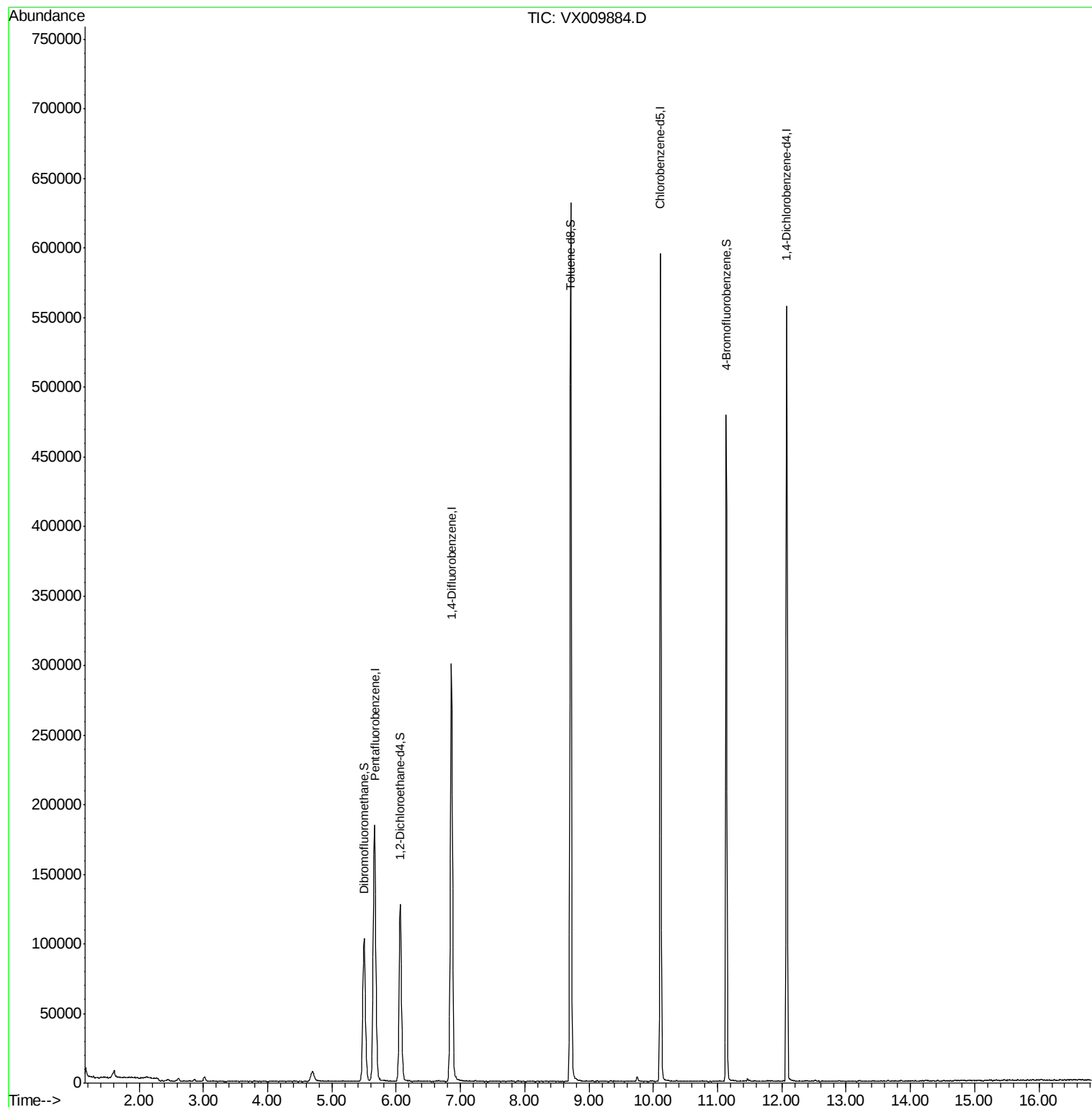
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009884.D

Acq: 24 May 2019 14:14

Instrument :

MSVOA_X

ClientSampled :

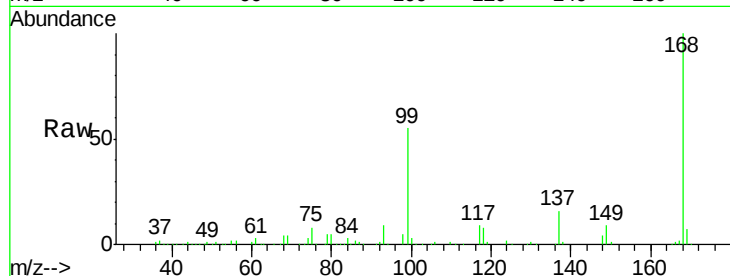
FEQC-TB-052319

Tot Ion:168 Resp: 178771

Ion Ratio Lower Upper

168 100

99 54.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

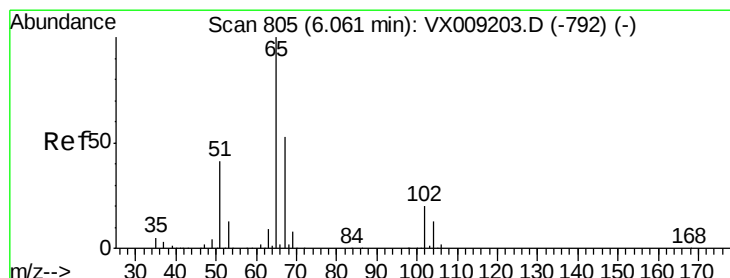
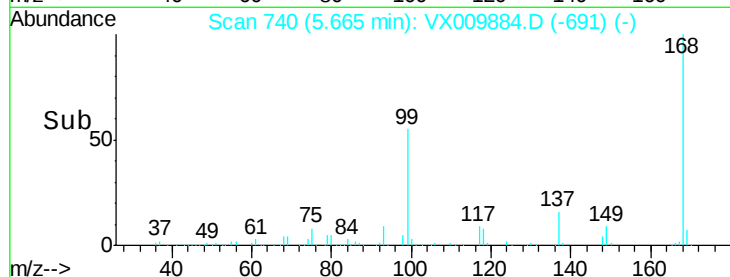
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 50.238 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009884.D

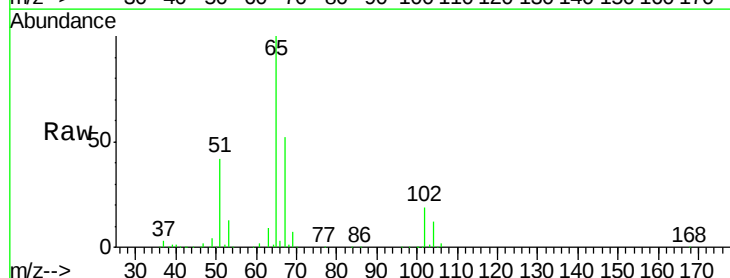
Acq: 24 May 2019 14:14

Tgt Ion: 65 Resp: 122602

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

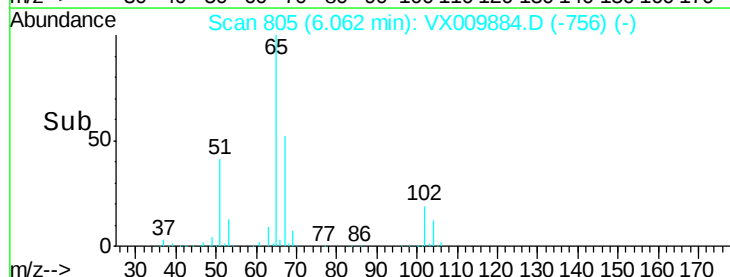
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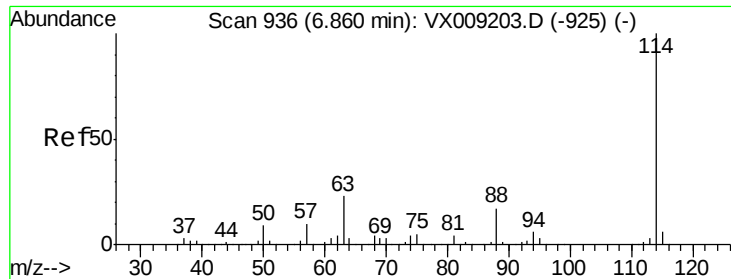
10000

0

Time-->

5.90 6.00 6.10 6.20

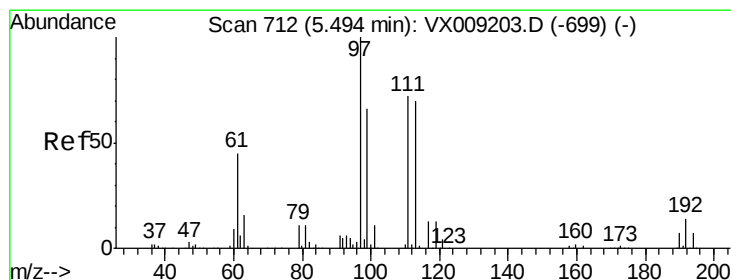
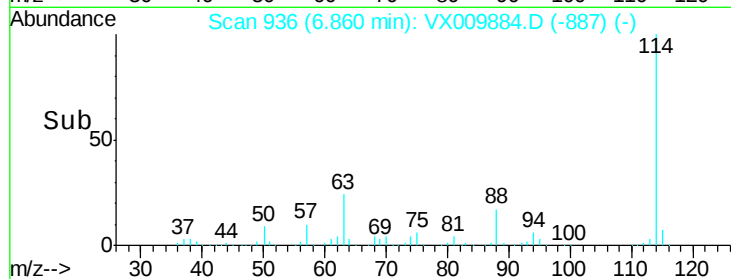
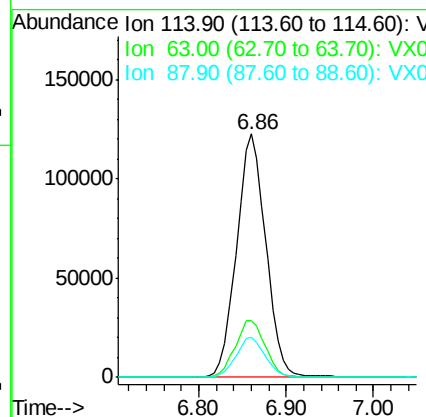
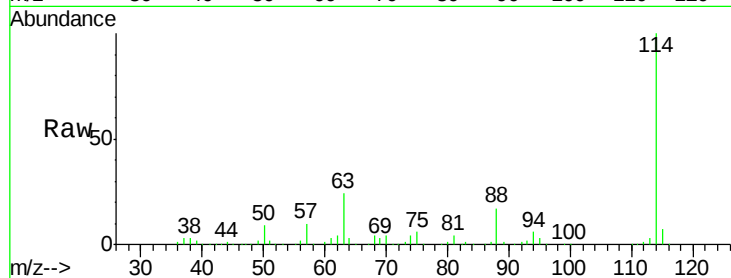




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009884.D
 Acq: 24 May 2019 14:14

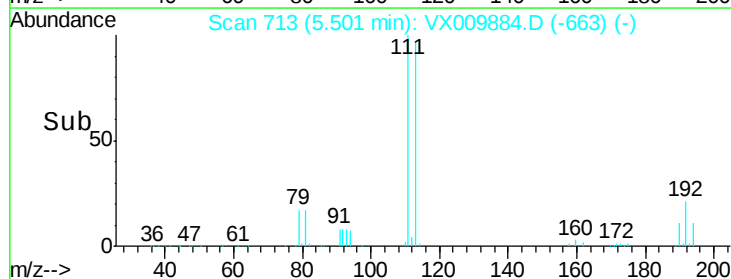
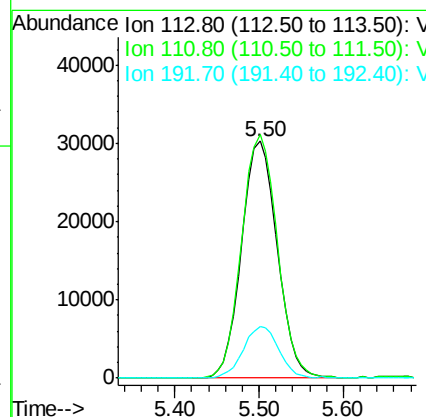
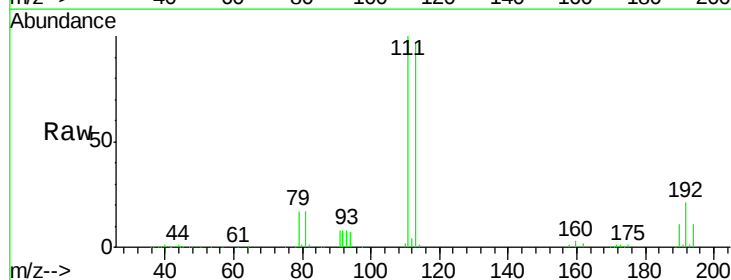
Instrument :
 MSVOA_X
 ClientSampleId :
 FEQC-TB-052319

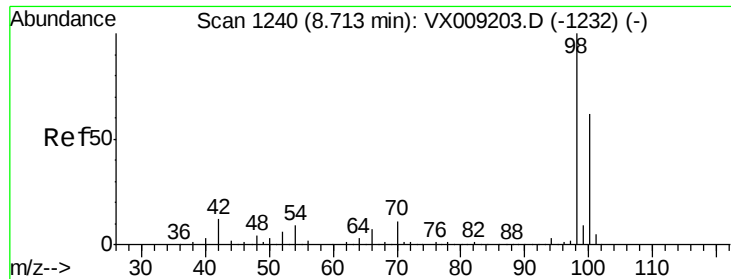
Tot Ion:114 Resp: 285409
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.6
 88 16.5 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 48.463 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009884.D
 Acq: 24 May 2019 14:14

Tgt Ion:113 Resp: 86952
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.8 124.2
 192 21.9 17.0 25.6





#50

Toluene-d8

Concen: 50.292 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009884.D

Acq: 24 May 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

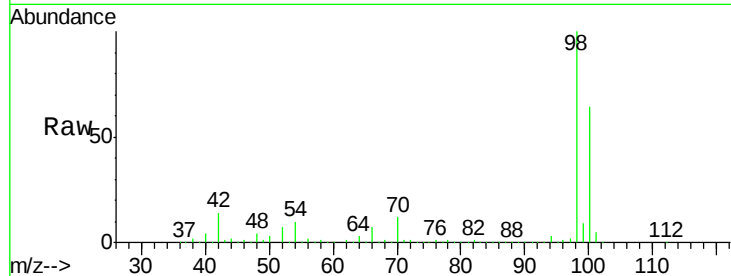
FEQC-TB-052319

Tot Ion: 98 Resp: 364297

Ion Ratio Lower Upper

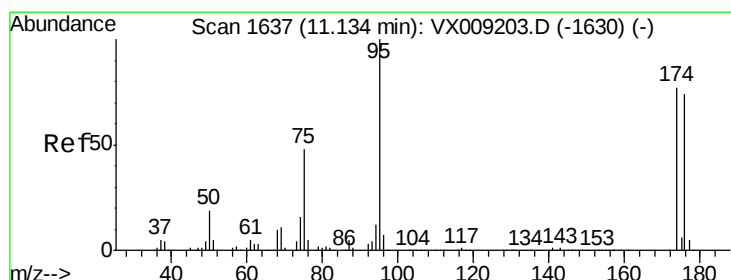
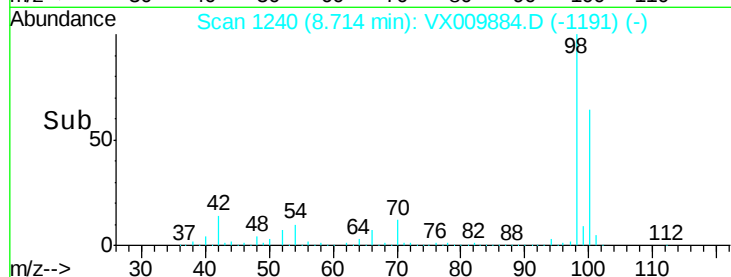
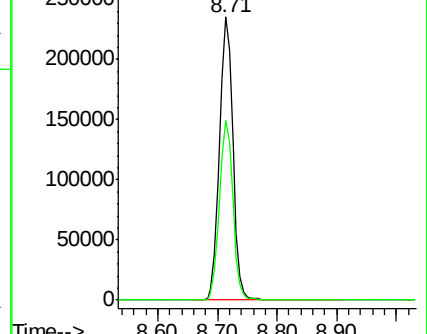
98 100

100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.847 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009884.D

Acq: 24 May 2019 14:14

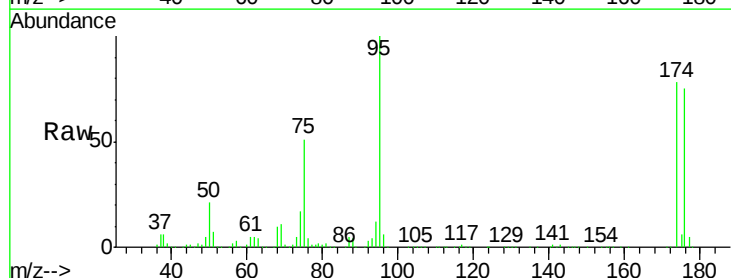
Tgt Ion: 95 Resp: 123303

Ion Ratio Lower Upper

95 100

174 81.4 0.0 161.6

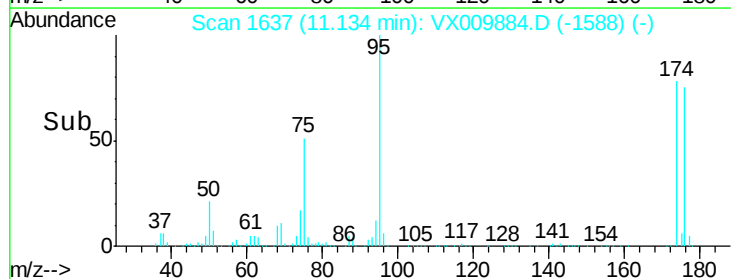
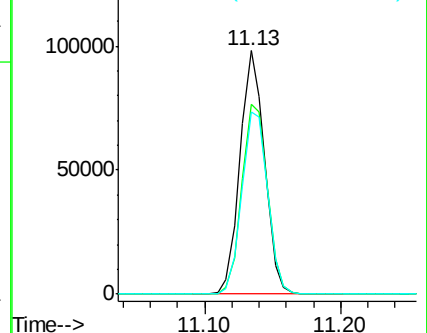
176 79.0 0.0 159.2

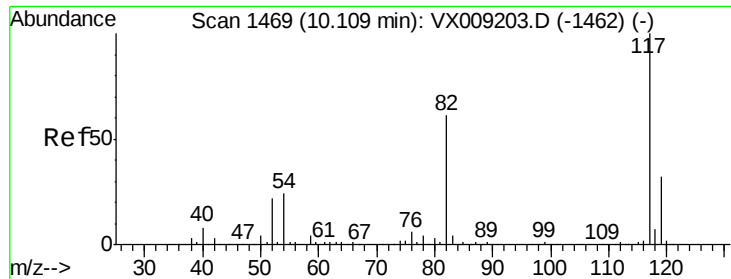


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

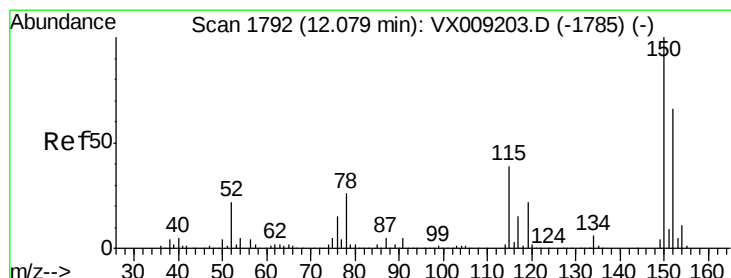
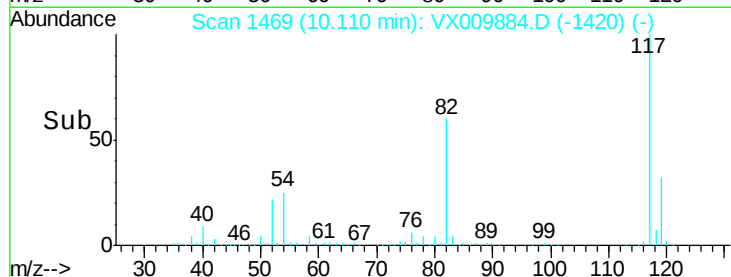
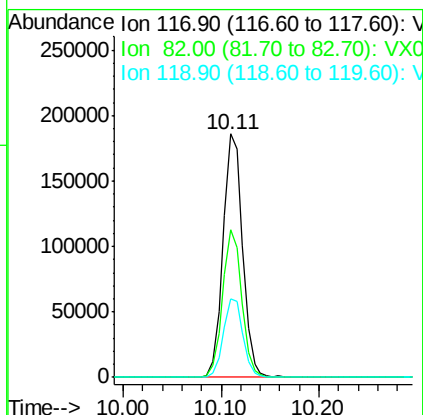
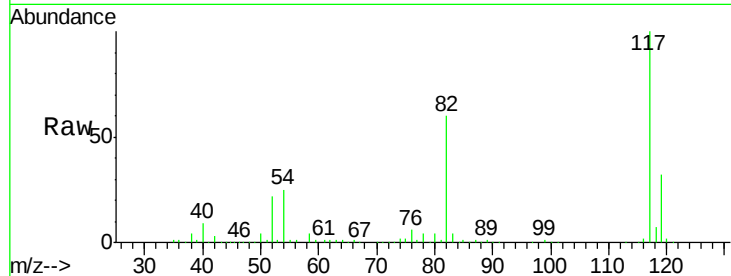




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009884.D
Acq: 24 May 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
FEQC-TB-052319

Tot Ion:117 Resp: 257986
Ion Ratio Lower Upper
117 100
82 60.4 48.8 73.2
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009884.D
Acq: 24 May 2019 14:14

Tgt Ion:152 Resp: 112618
Ion Ratio Lower Upper
152 100
115 59.0 41.2 123.6
150 155.1 0.0 346.4

