

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009937.D
 Acq On : 29 May 2019 14:06
 Operator : JC/SP
 Sample : K3076-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FEQC-TB-052819

Quant Time: May 30 02:07:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113713	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120724	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	5.50	113	88274	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	8.71	98	368004	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.13	95	123549	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	

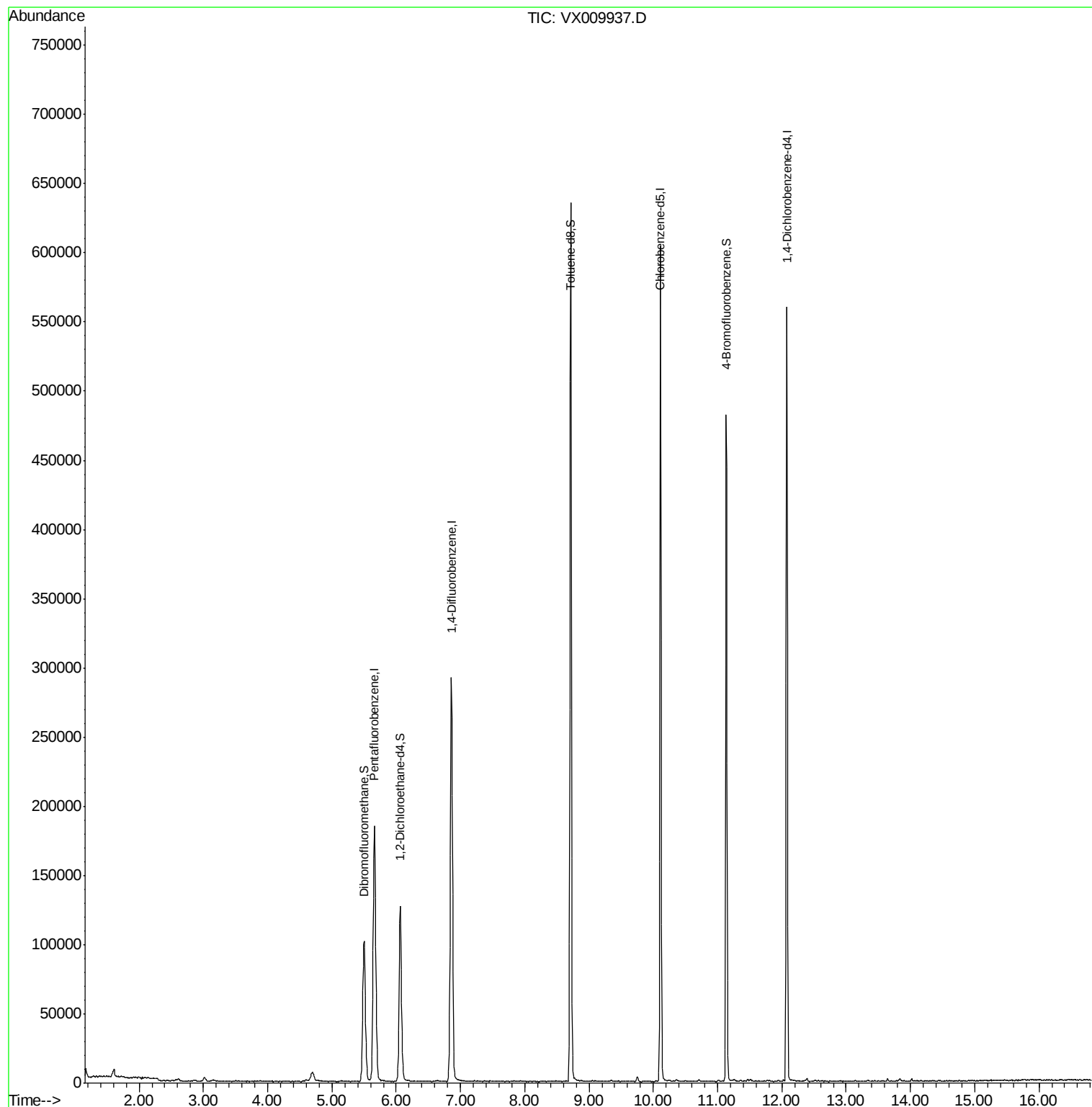
Target Compounds	Qvalue

(#) = 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. 0.00 min

Lab File: VX009937.D

Acq: 29 May 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

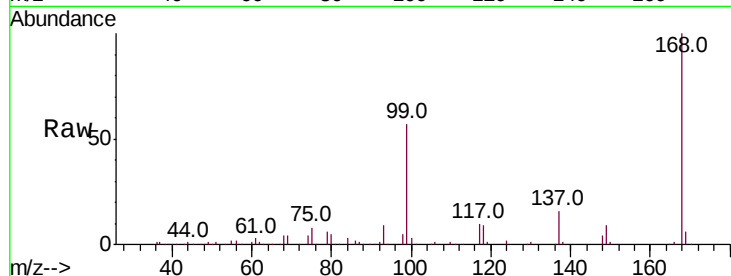
FEQC-TB-052819

Tot Ion:168 Resp: 177861

Ion Ratio Lower Upper

168 100

99 56.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

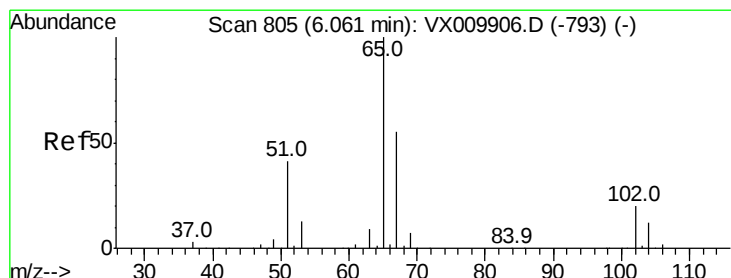
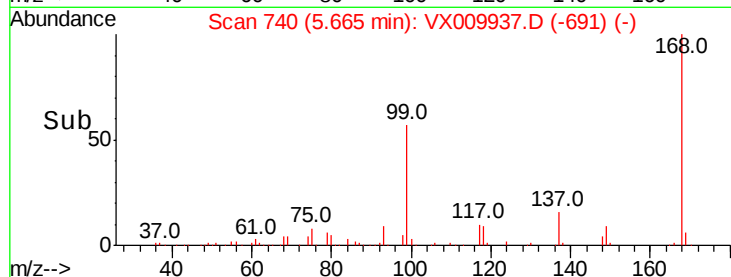
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.050 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009937.D

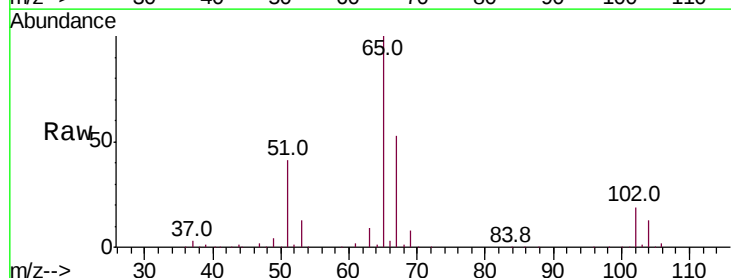
Acq: 29 May 2019 14:06

Tgt Ion: 65 Resp: 120724

Ion Ratio Lower Upper

65 100

67 52.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

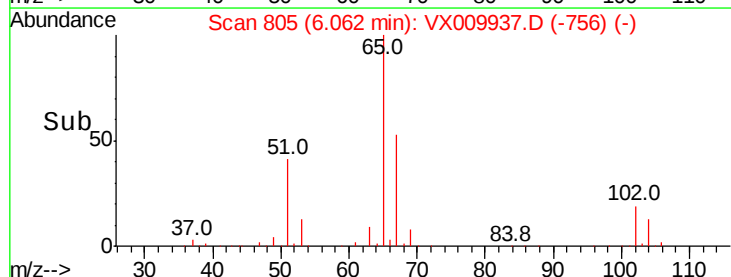
30000

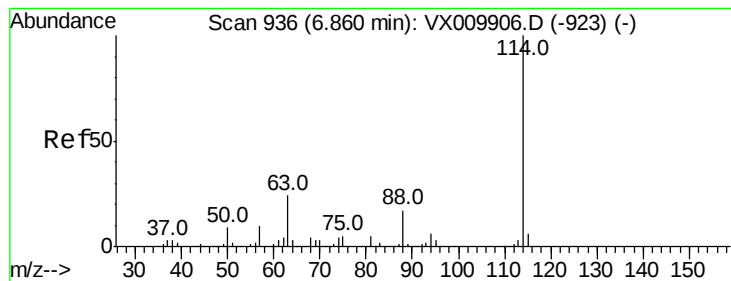
20000

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: VX009937.D

Acq: 29 May 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

FEQC-TB-052819

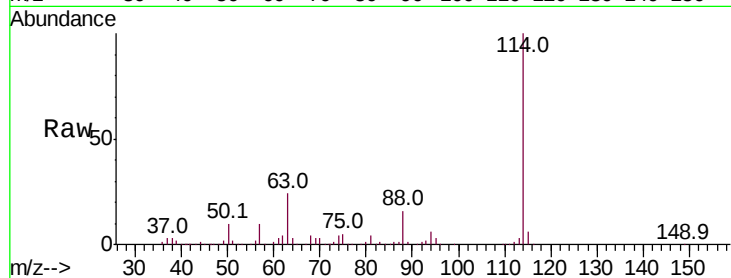
Tot Ion:114 Resp: 285184

Ion Ratio Lower Upper

114 100

63 23.9 0.0 47.4

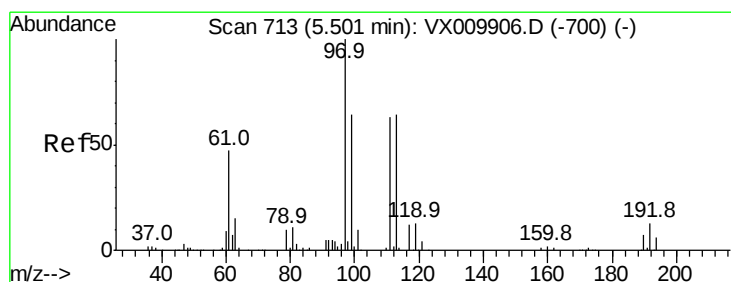
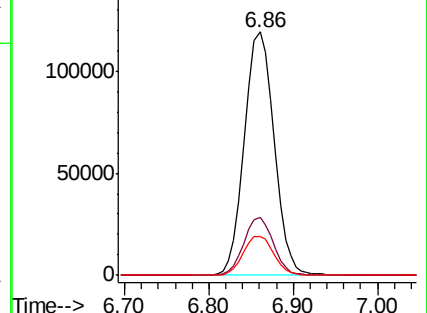
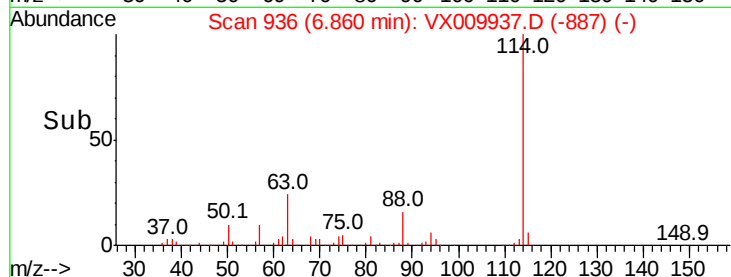
88 16.2 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.234 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009937.D

Acq: 29 May 2019 14:06

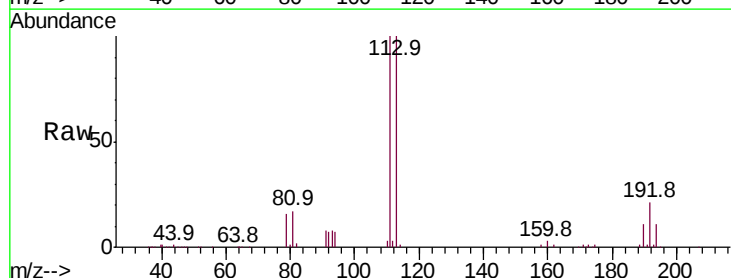
Tgt Ion:113 Resp: 88274

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

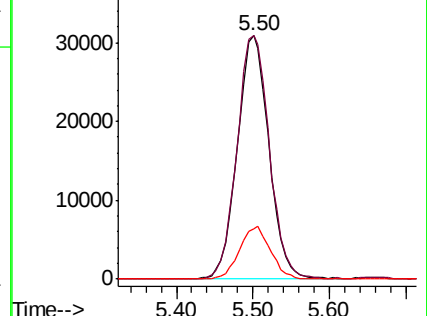
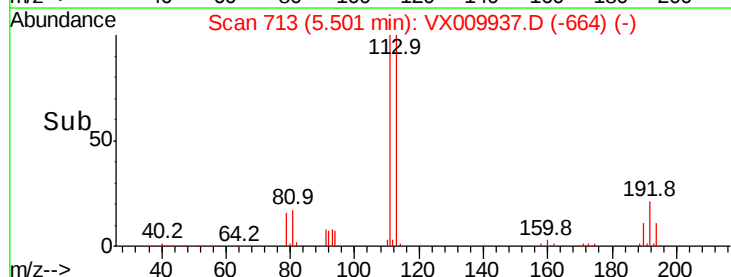
192 21.3 17.1 25.7

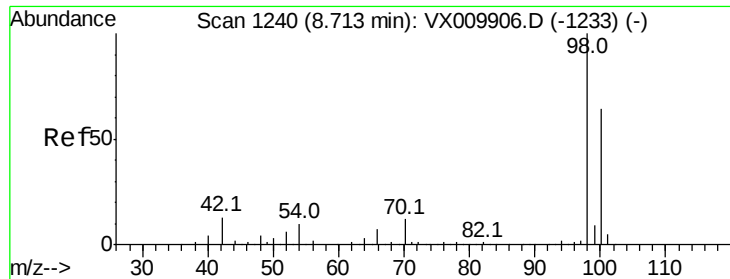


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

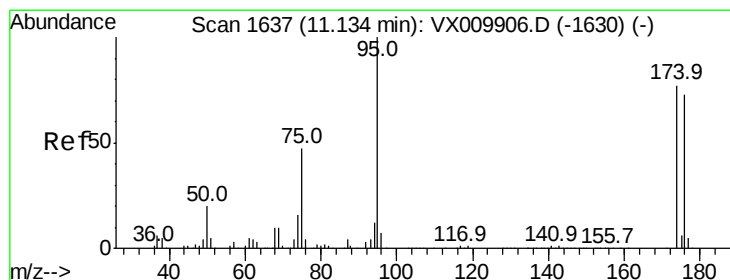
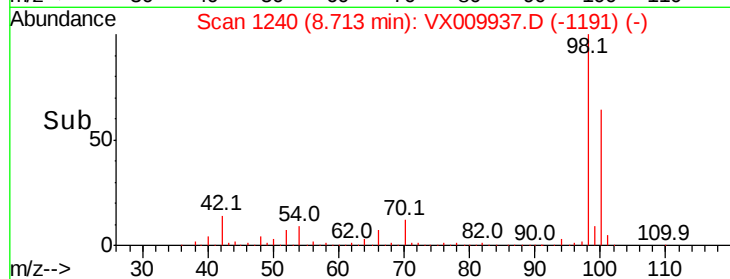
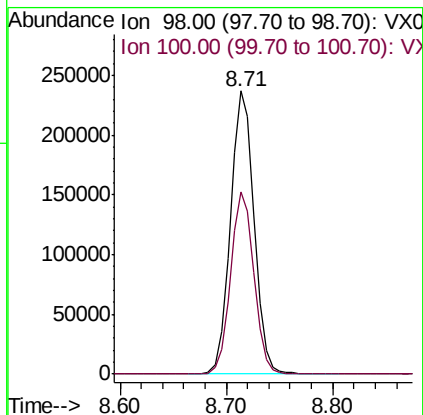
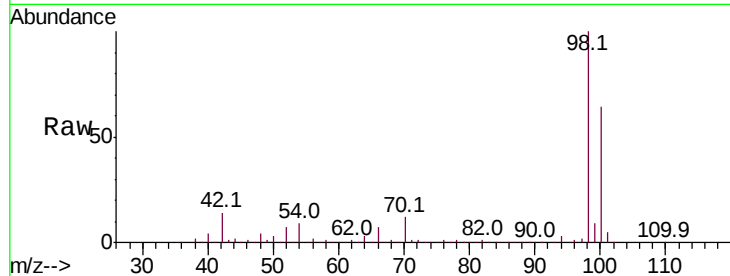




#50
Toluene-d8
Concen: 50.544 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009937.D
Acq: 29 May 2019 14:06

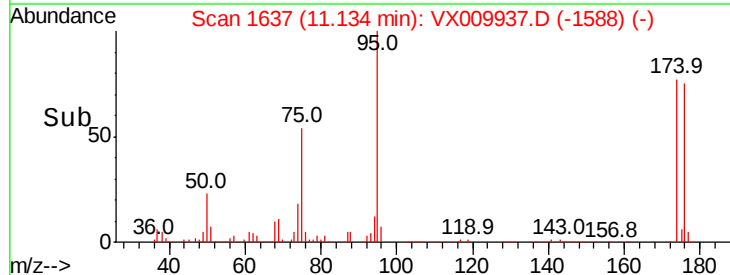
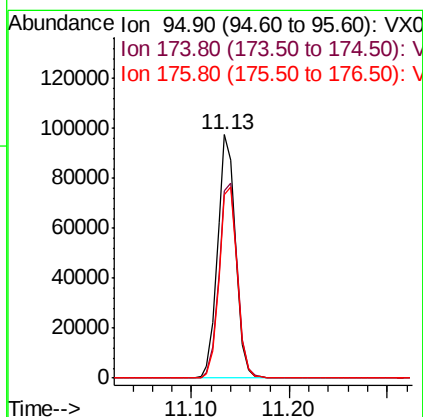
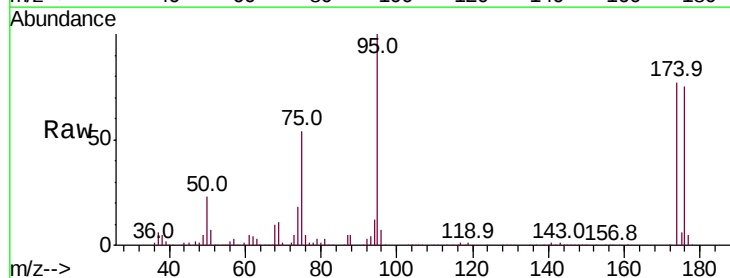
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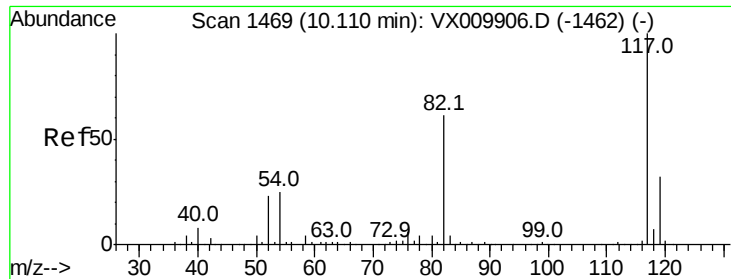
Tot Ion: 98 Resp: 368004
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.244 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009937.D
Acq: 29 May 2019 14:06

Tgt Ion: 95 Resp: 123549
Ion Ratio Lower Upper
95 100
174 82.0 0.0 160.4
176 79.5 0.0 154.6

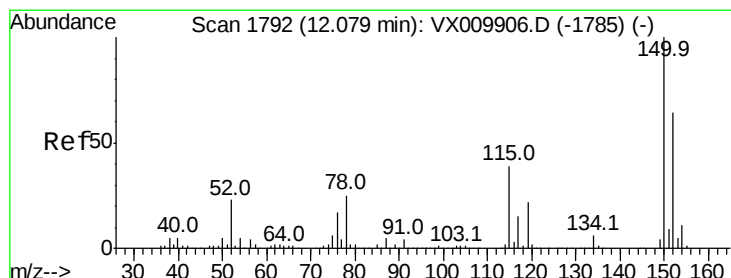
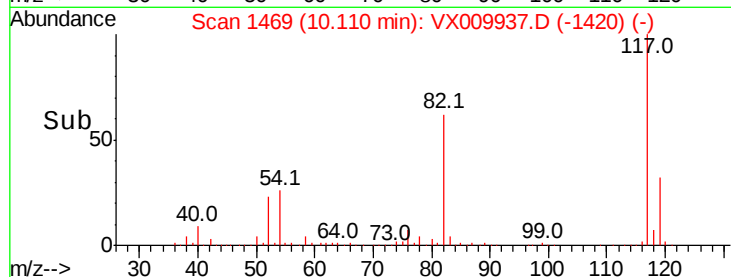
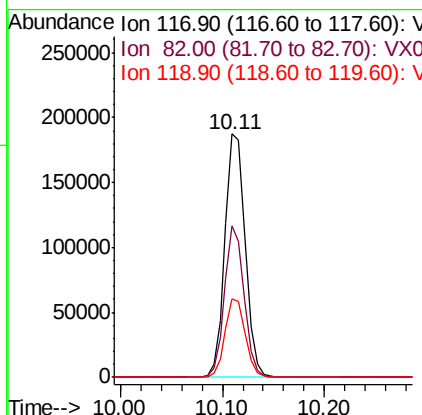
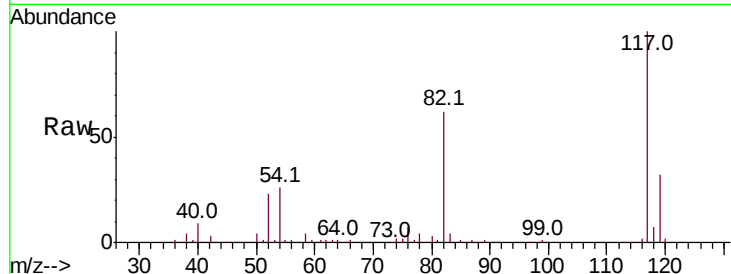




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009937.D
 Acq: 29 May 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FEQC-TB-052819

Tot Ion:117 Resp: 259184
 Ion Ratio Lower Upper
 117 100
 82 62.2 49.2 73.8
 119 32.1 25.2 37.8



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009937.D
 Acq: 29 May 2019 14:06

Tgt Ion:152 Resp: 113713
 Ion Ratio Lower Upper
 152 100
 115 58.9 41.4 124.2
 150 156.3 0.0 345.2

