

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051519\
 Data File : VX009575.D
 Acq On : 15 May 2019 13:17
 Operator : JC/SP
 Sample : K2838-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FEQC-TB-051419

Quant Time: May 16 01:39:35 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	5.66	168	188602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300228	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119225	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	124765	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
35) Dibromofluoromethane	5.50	113	91569	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
50) Toluene-d8	8.71	98	375643	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.13	95	125232	45.23	ug/l	0.00
Spiked Amount			Recovery	=	90.46%	

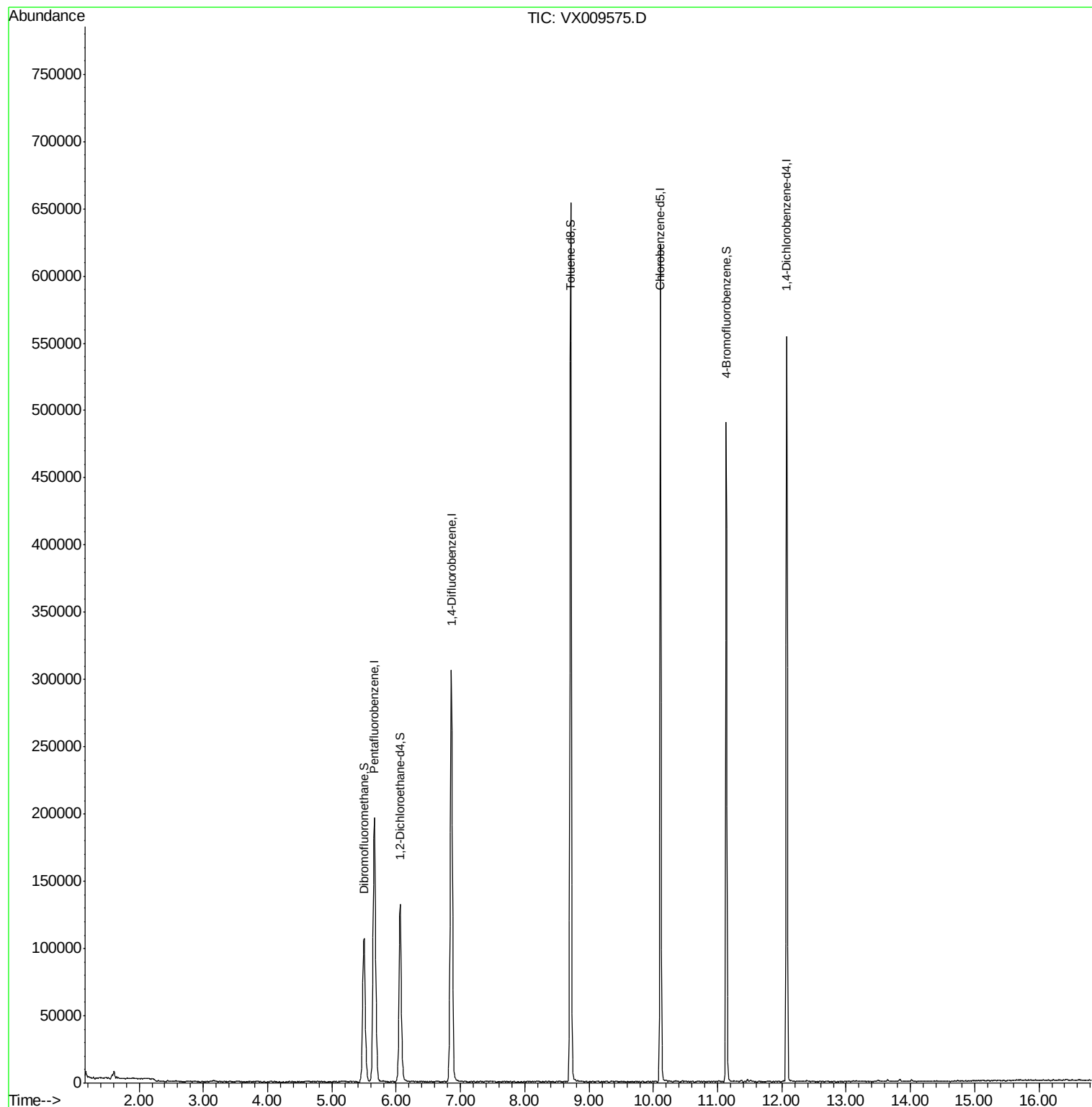
Target Compounds	Qvalue
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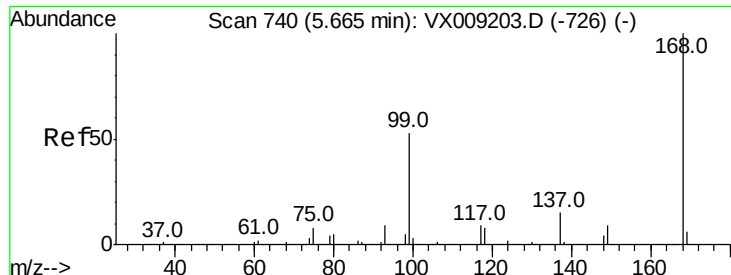
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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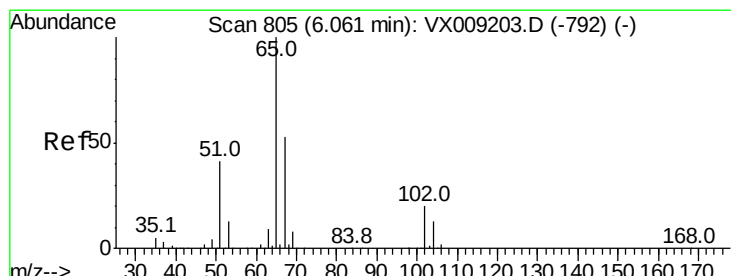
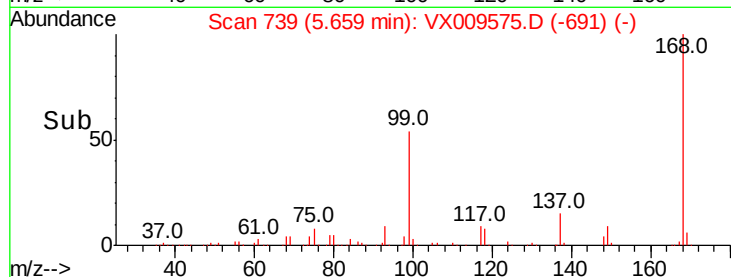
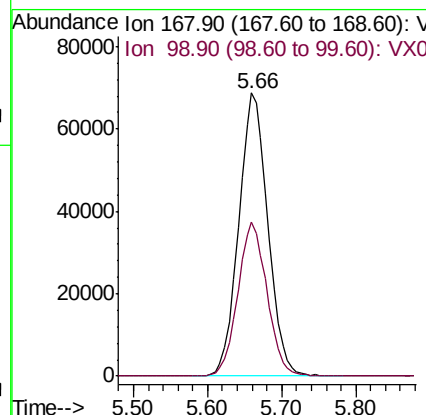
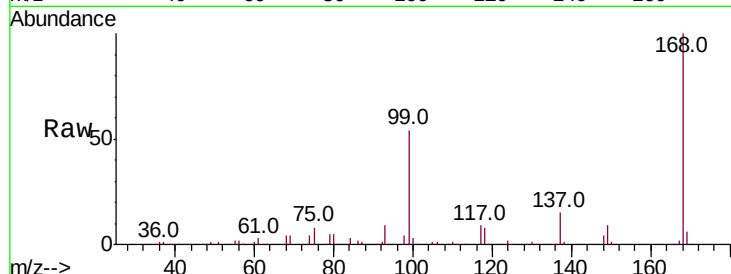




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009575.D
Acq: 15 May 2019 13:17

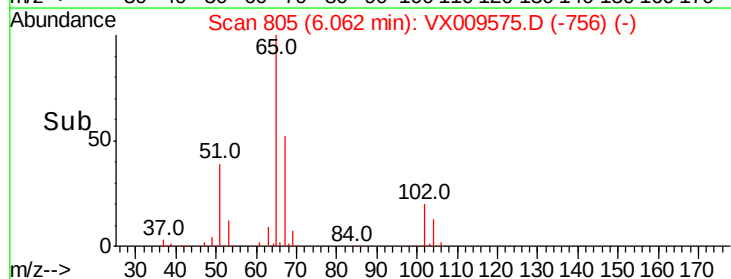
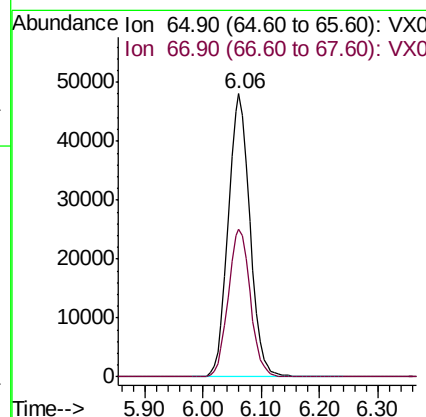
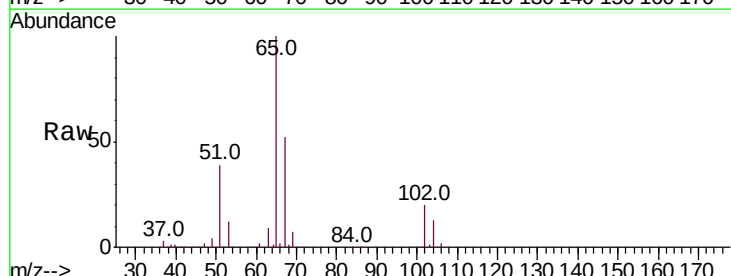
Instrument :
MSVOA_X
ClientSampleId :
FEQC-TB-051419

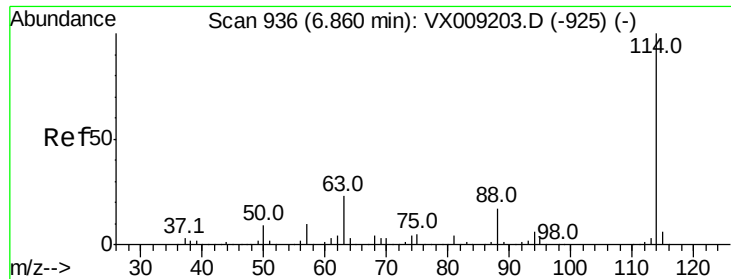
Tot Ion:168 Resp: 188602
Ion Ratio Lower Upper
168 100
99 54.4 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 48.459 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009575.D
Acq: 15 May 2019 13:17

Tgt Ion: 65 Resp: 124765
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6

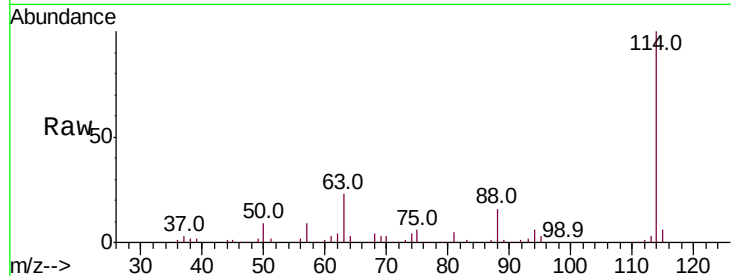




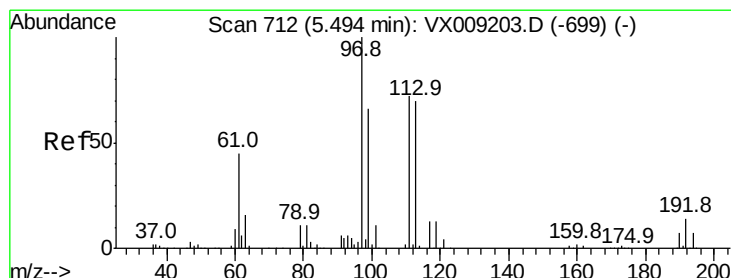
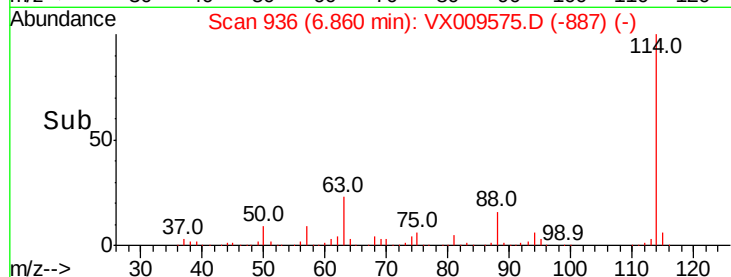
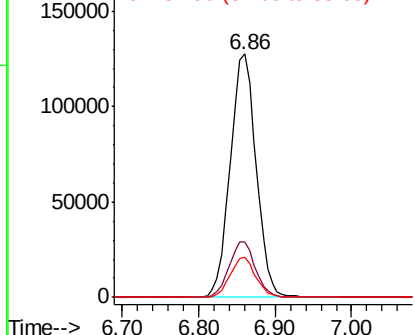
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009575.D
 Acq: 15 May 2019 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 FEQC-TB-051419

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.6
88	16.4	0.0	33.2

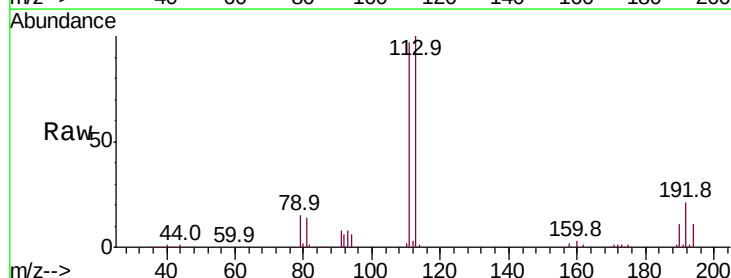


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

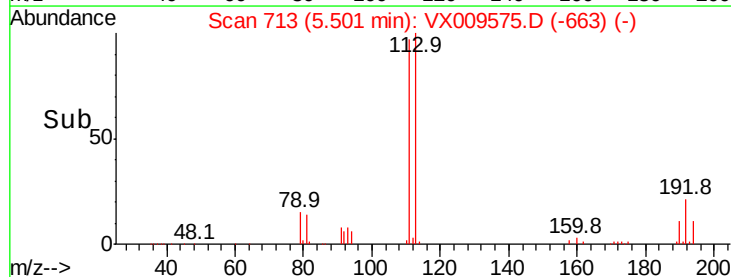
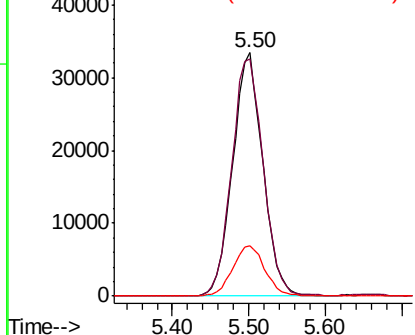


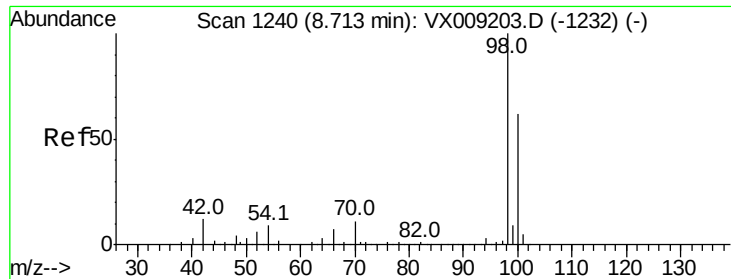
#35
 Dibromofluoromethane
 Concen: 48.517 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009575.D
 Acq: 15 May 2019 13:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.8	124.2
192	21.9	17.0	25.6



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

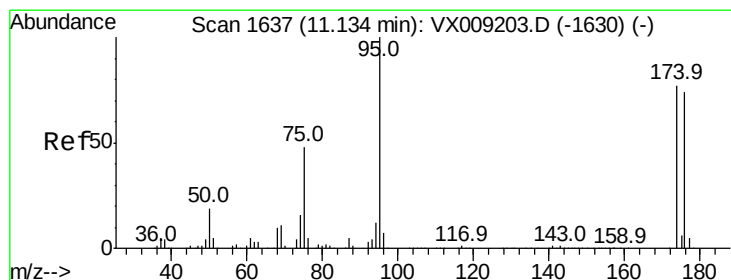
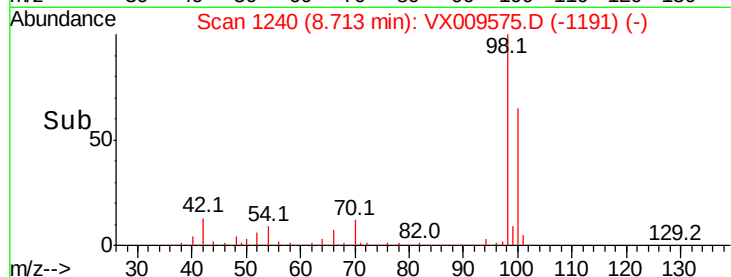
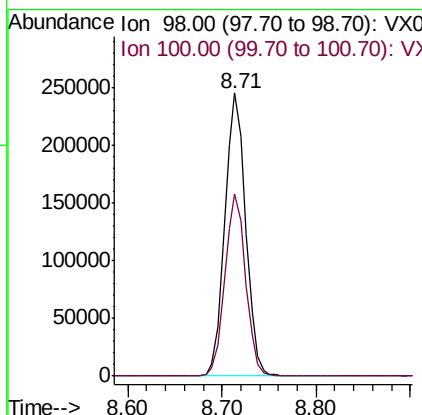
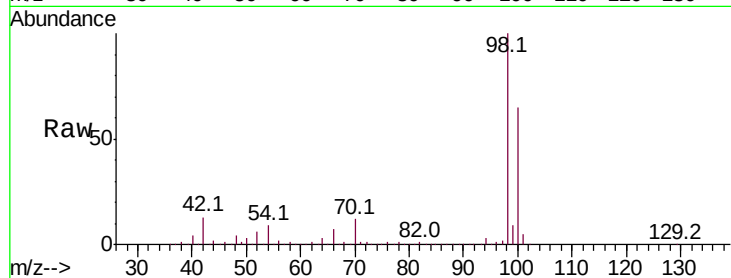




#50
Toluene-d8
Concen: 49.299 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009575.D
Acq: 15 May 2019 13:17

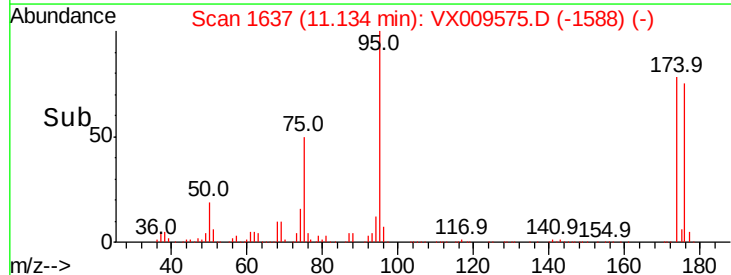
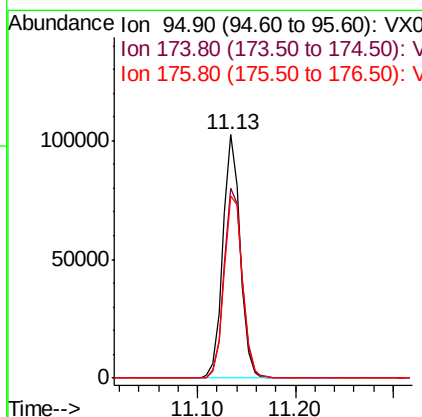
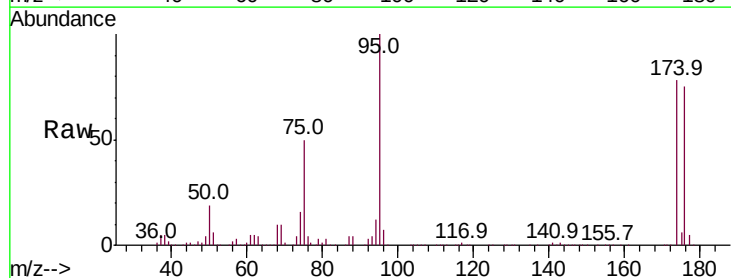
Instrument :
MSVOA_X
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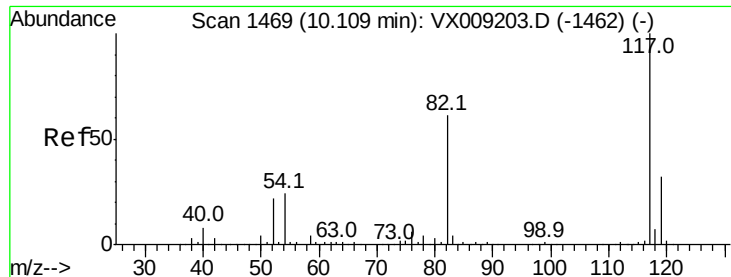
Tot Ion: 98 Resp: 375643
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 45.231 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009575.D
Acq: 15 May 2019 13:17

Tgt Ion: 95 Resp: 125232
Ion Ratio Lower Upper
95 100
174 82.3 0.0 161.6
176 80.3 0.0 159.2

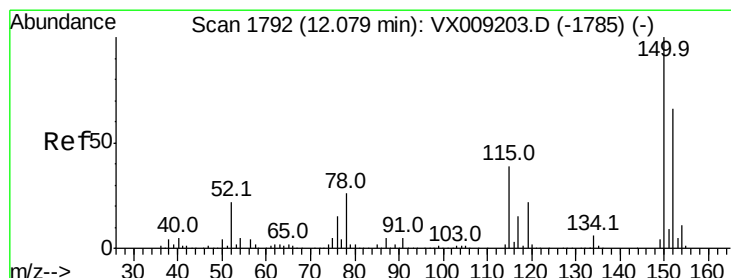
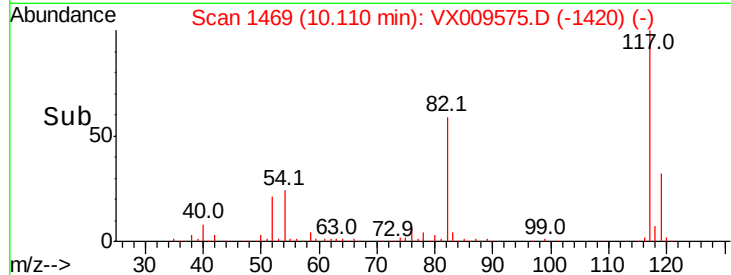
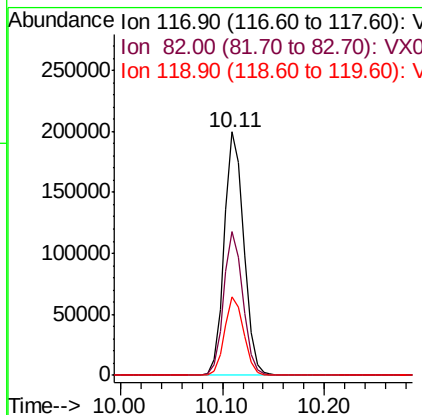
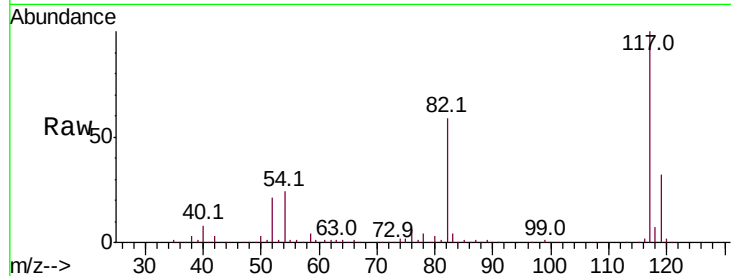




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009575.D
 Acq: 15 May 2019 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 FEQC-TB-051419

Tot Ion:117 Resp: 265660
 Ion Ratio Lower Upper
 117 100
 82 58.9 48.8 73.2
 119 32.4 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: VX009575.D
 Acq: 15 May 2019 13:17

Tgt Ion:152 Resp: 119225
 Ion Ratio Lower Upper
 152 100
 115 57.2 41.2 123.6
 150 154.3 0.0 346.4

