

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041619\
 Data File : VX008977.D
 Acq On : 16 Apr 2019 11:12
 Operator : JC/SP
 Sample : VX0416MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416MBL01

Quant Time: Apr 16 16:42:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 14:18:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	258571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	405923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144192	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	163450	44.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.70%	
35) Dibromofluoromethane	5.49	113	121759	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
50) Toluene-d8	8.71	98	504577	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
62) 4-Bromofluorobenzene	11.13	95	163481	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	

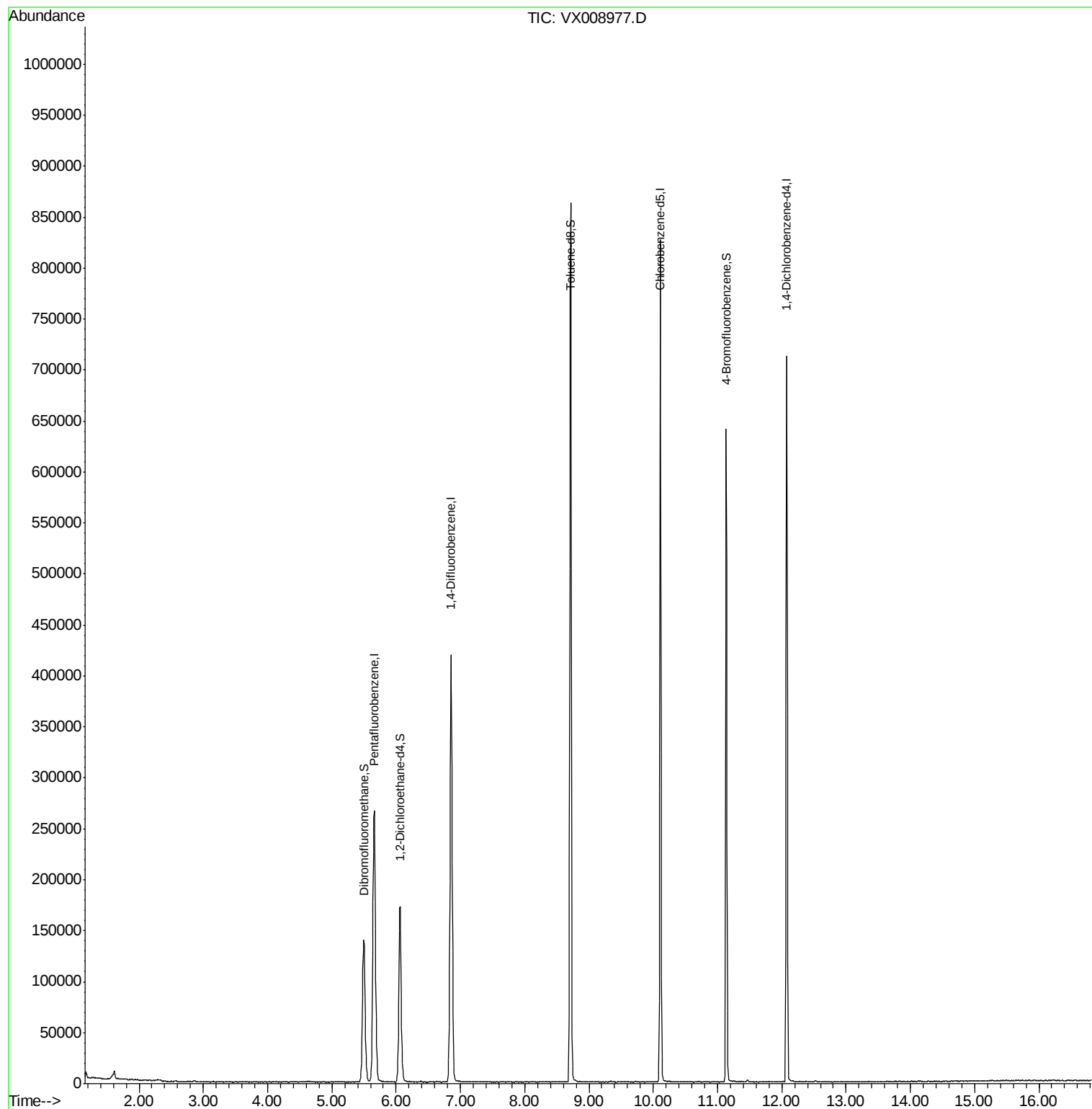
Target Compounds	Qvalue

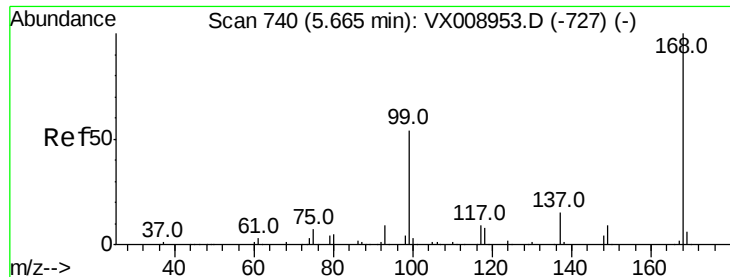
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008977.D

Acq: 16 Apr 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

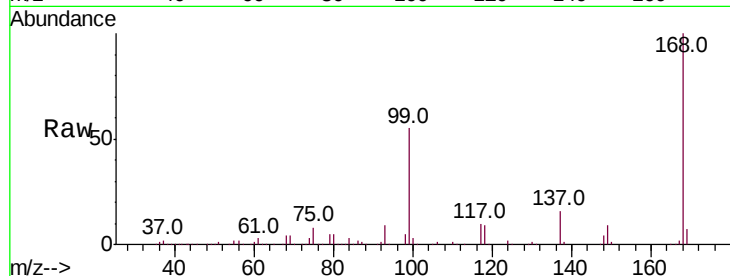
VX0416MBL01

Tot Ion:168 Resp: 258571

Ion Ratio Lower Upper

168 100

99 55.4 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

100000

80000

60000

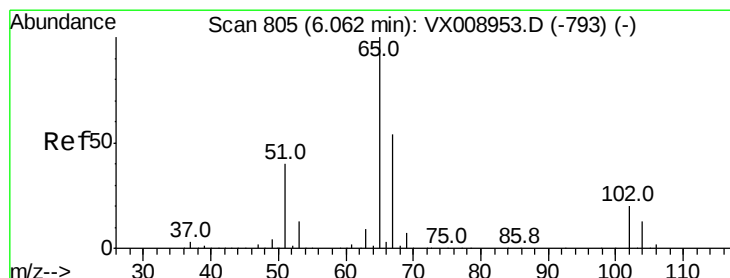
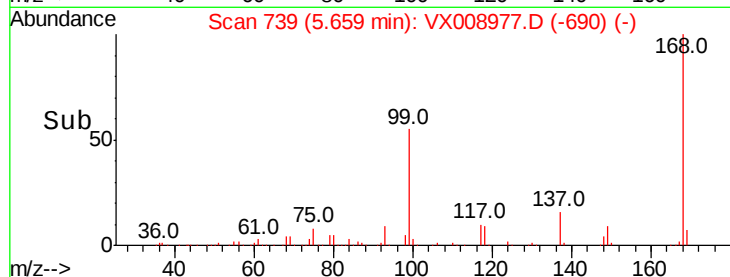
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 44.855 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008977.D

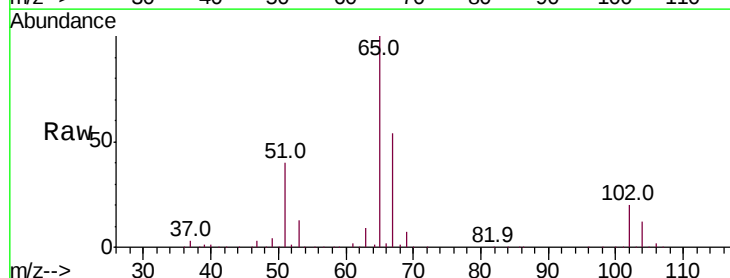
Acq: 16 Apr 2019 11:12

Tgt Ion: 65 Resp: 163450

Ion Ratio Lower Upper

65 100

67 53.8 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

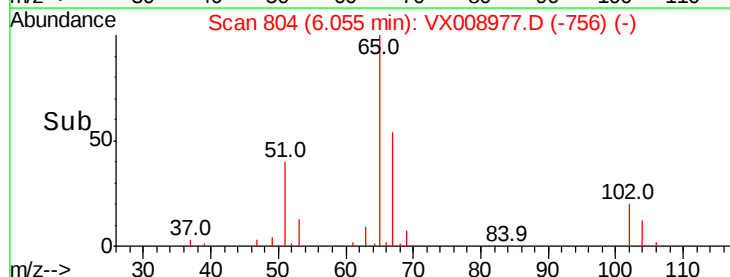
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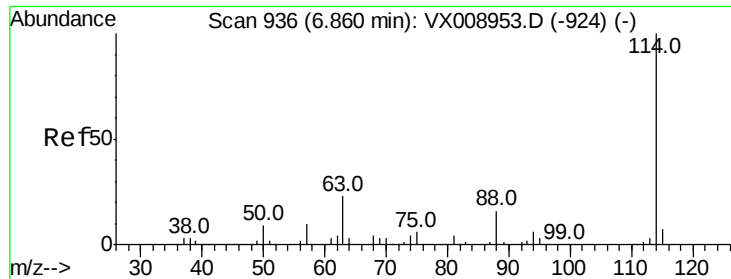
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Time-->

5.90 6.00 6.10 6.20 6.30

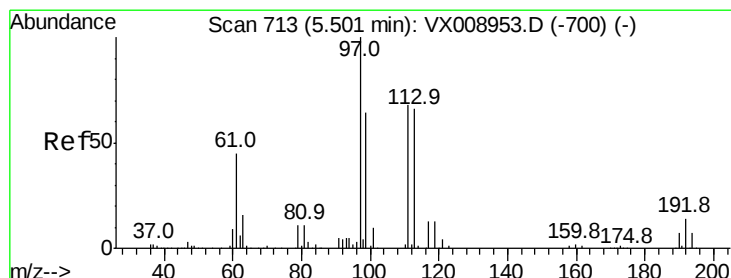
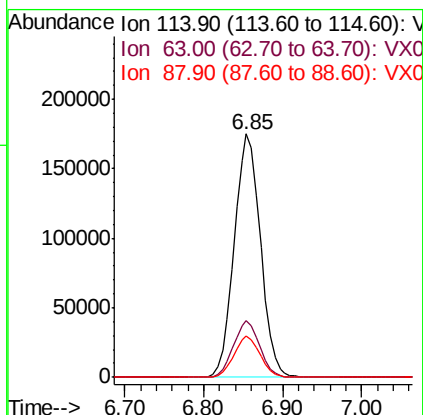
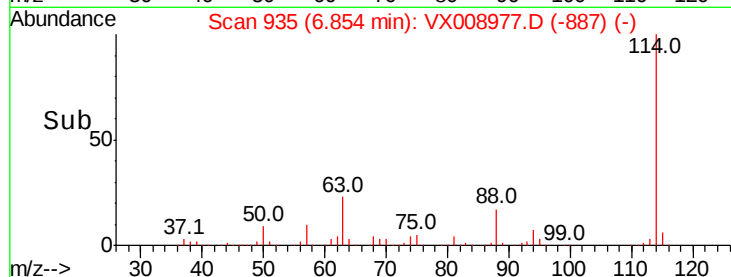
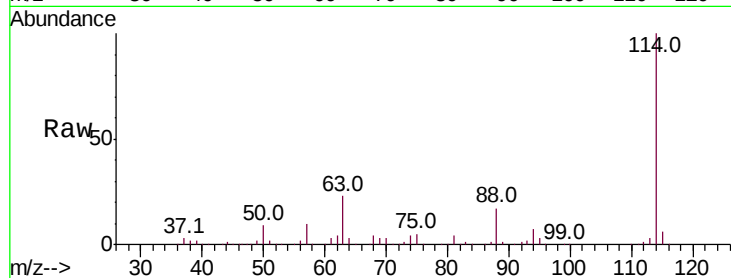




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008977.D
 Acq: 16 Apr 2019 11:12

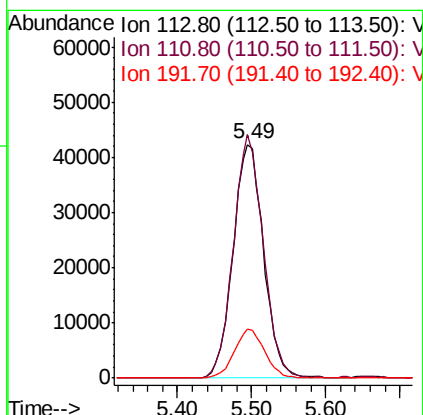
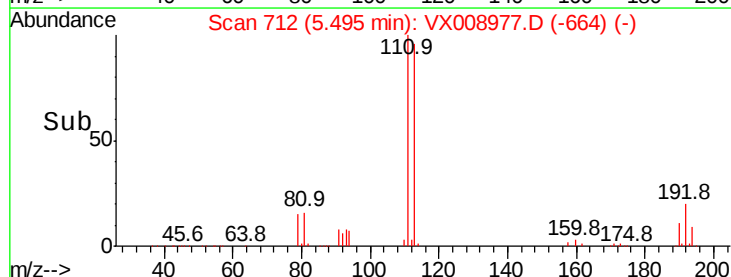
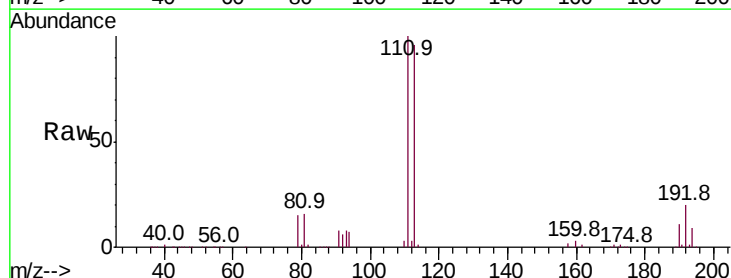
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416MBL01

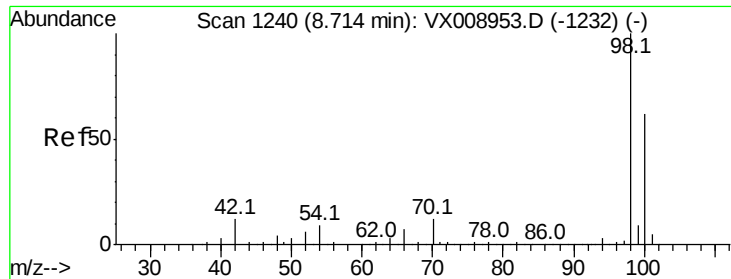
Tot Ion:114 Resp: 405923
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 47.2
 88 16.9 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 46.738 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008977.D
 Acq: 16 Apr 2019 11:12

Tgt Ion:113 Resp: 121759
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.4 125.2
 192 20.9 16.1 24.1

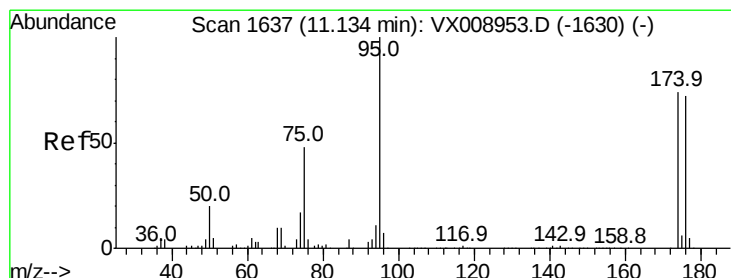
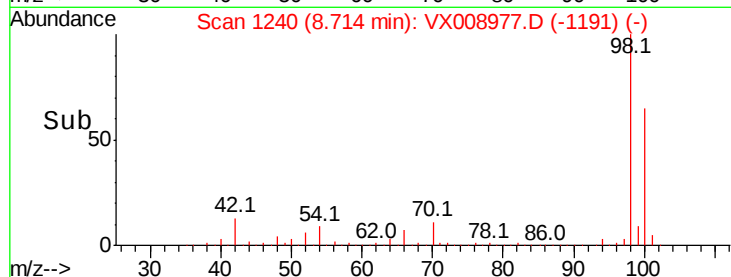
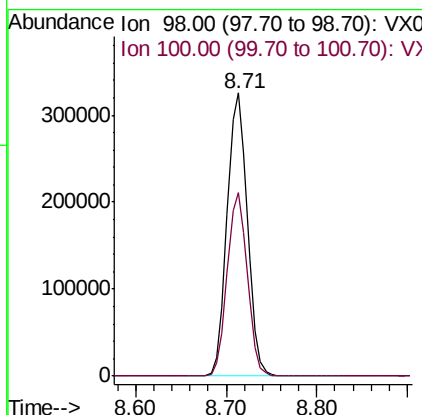
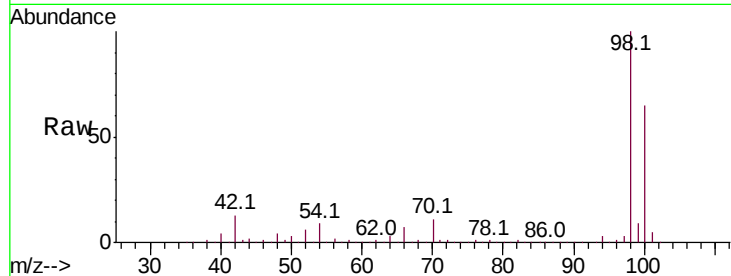




#50
Toluene-d8
Concen: 48.567 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008977.D
Acq: 16 Apr 2019 11:12

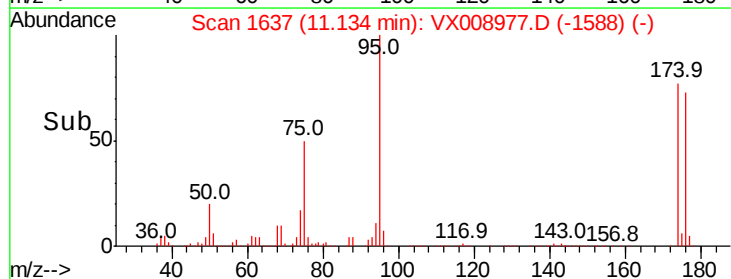
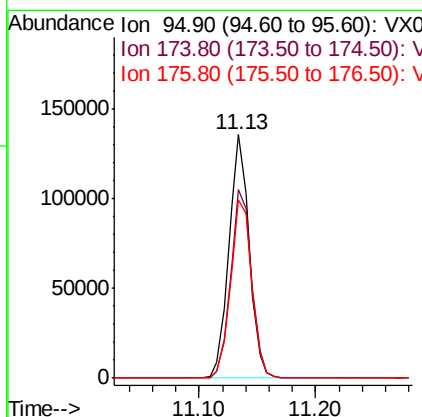
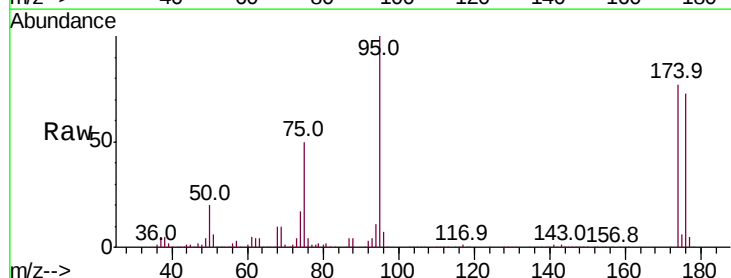
Instrument :
MSVOA_X
ClientSampleId :
VX0416MBL01

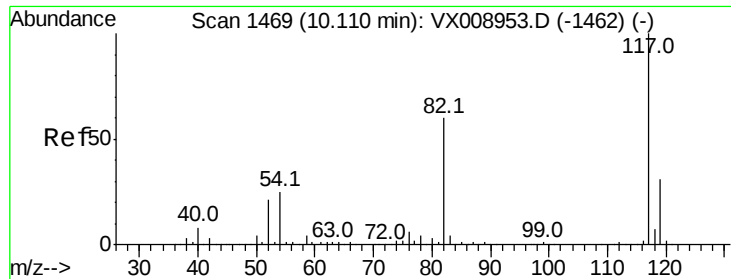
Tot Ion: 98 Resp: 504577
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.576 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008977.D
Acq: 16 Apr 2019 11:12

Tgt Ion: 95 Resp: 163481
Ion Ratio Lower Upper
95 100
174 80.4 0.0 151.8
176 76.6 0.0 145.8

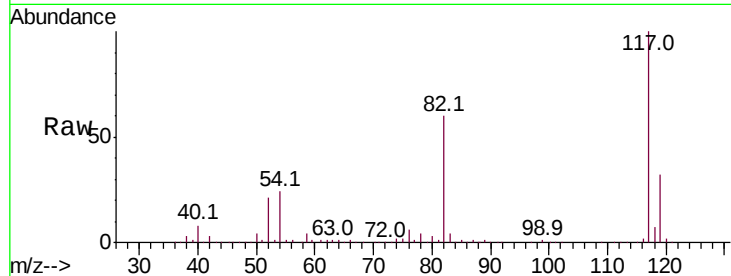




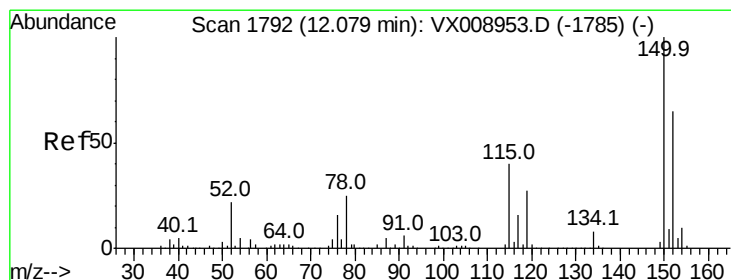
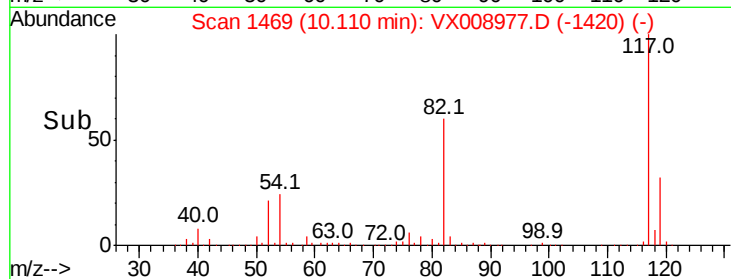
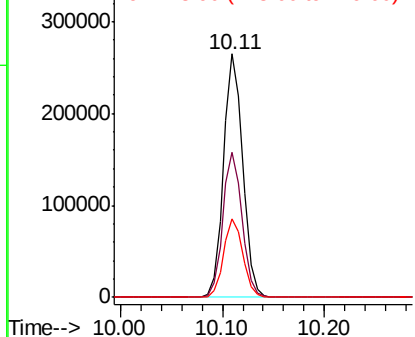
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008977.D
Acq: 16 Apr 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX0416MBL01

Tot Ion:117 Resp: 347533
Ion Ratio Lower Upper
117 100
82 59.6 49.6 74.4
119 32.4 25.0 37.4

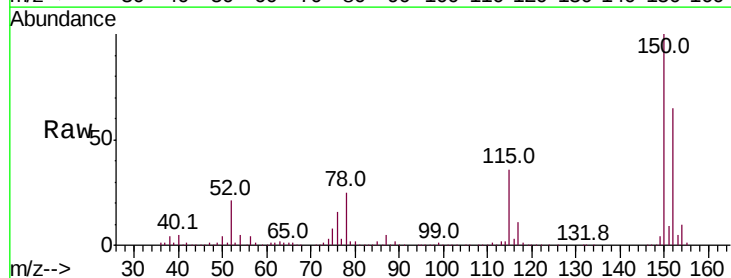


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008977.D
Acq: 16 Apr 2019 11:12

Tgt Ion:152 Resp: 144192
Ion Ratio Lower Upper
152 100
115 59.1 43.5 130.5
150 156.0 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

