

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008135.D
 Acq On : 16 Mar 2019 12:30
 Operator : JC/SP
 Sample : VX0316WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBL01

Quant Time: Mar 18 01:28:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	391600	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	374153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185649	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	128117	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	5.50	113	126311	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	8.71	98	467056	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.13	95	171542	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

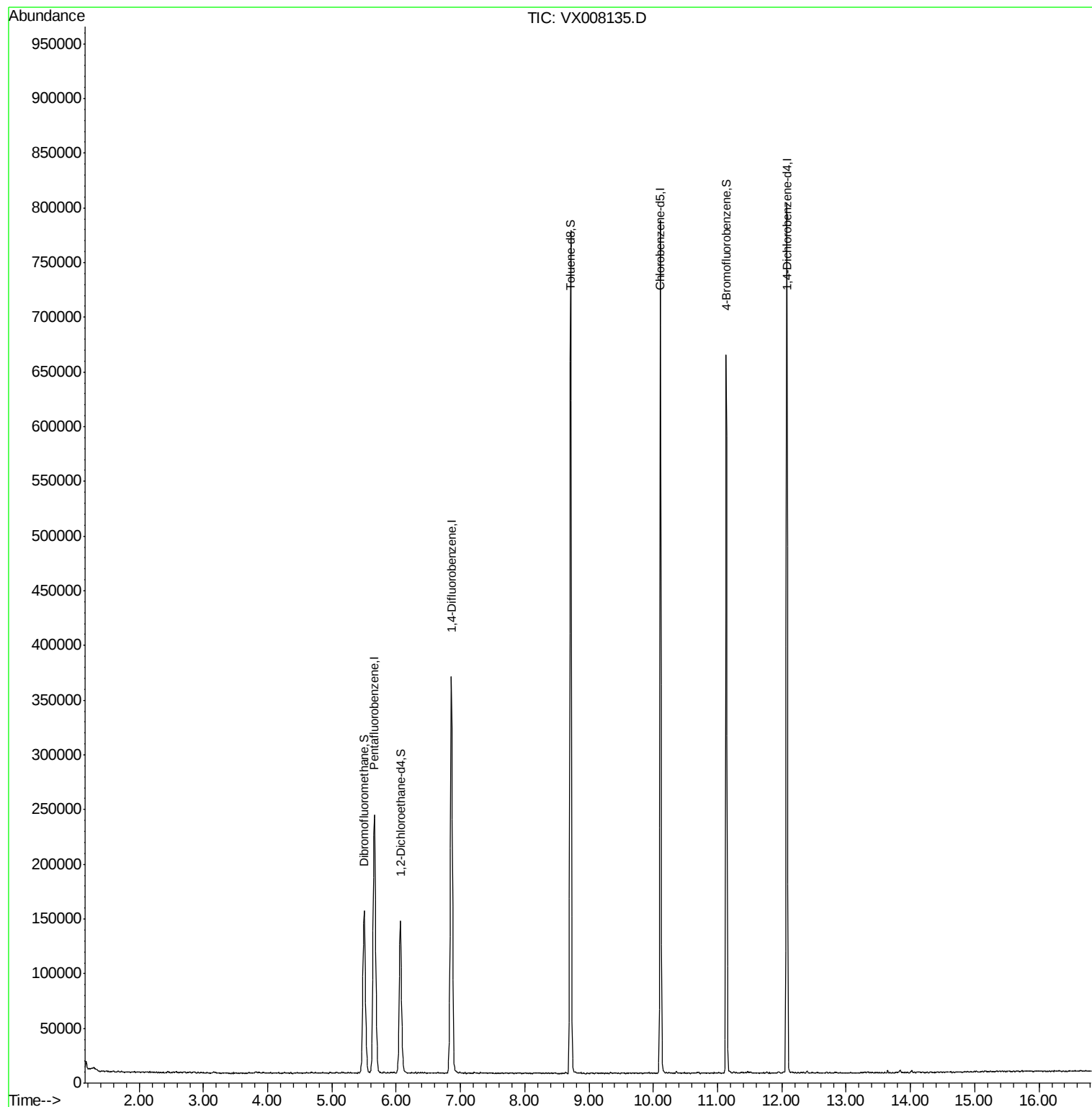
Target Compounds	Qvalue

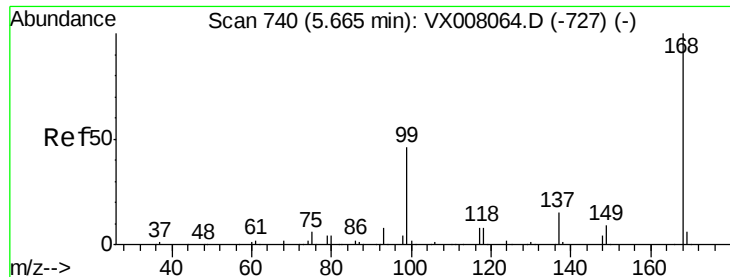
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008135.D

Acq: 16 Mar 2019 12:30

Instrument :

MSVOA_X

ClientSampled :

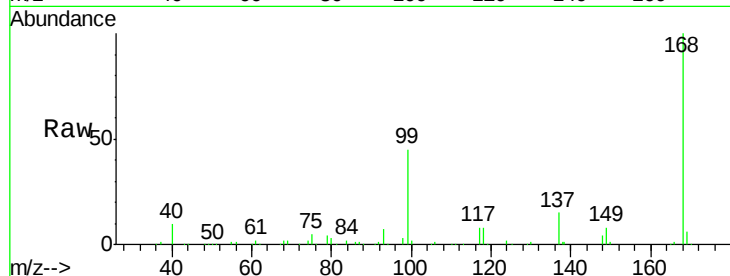
VX0316WBL01

Tot Ion:168 Resp: 258610

Ion Ratio Lower Upper

168 100

99 44.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

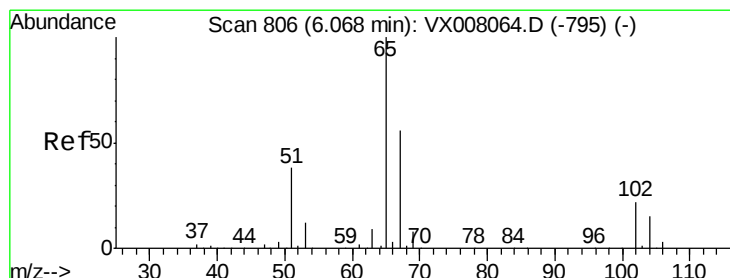
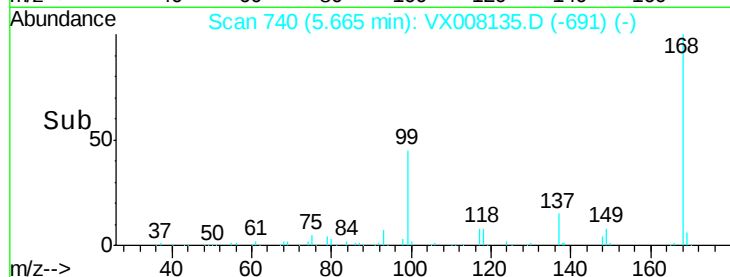
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.111 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008135.D

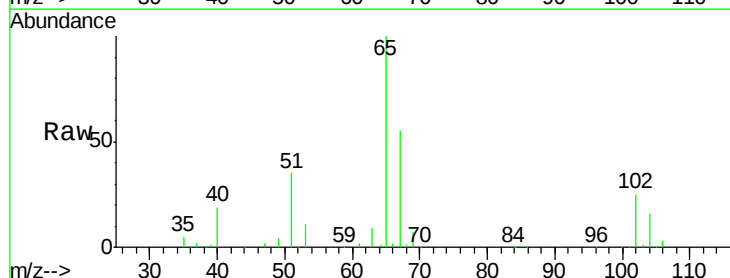
Acq: 16 Mar 2019 12:30

Tgt Ion: 65 Resp: 128117

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

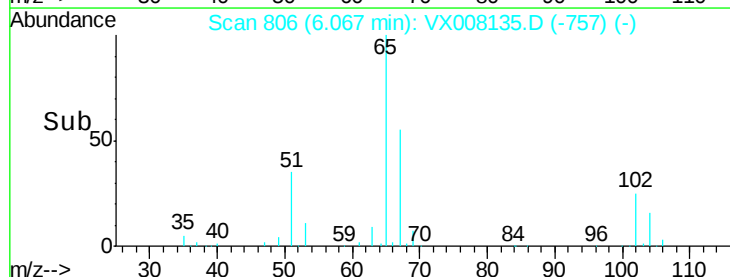
30000

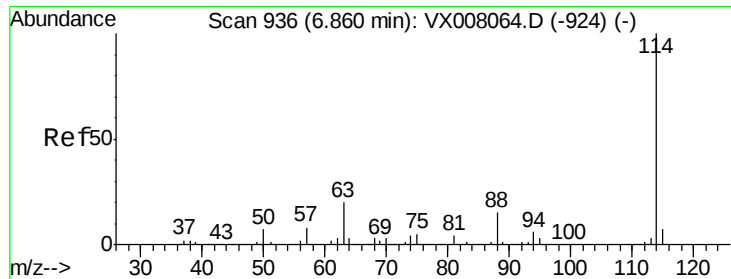
20000

10000

0

Time--> 6.00 6.10 6.20

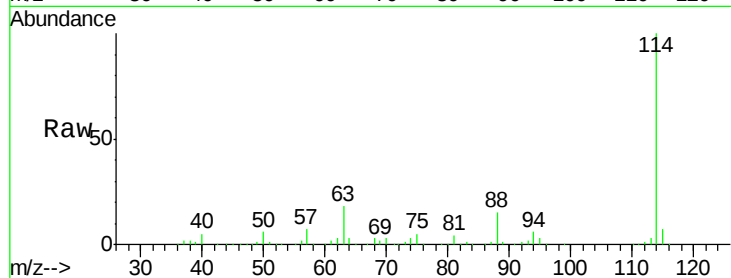




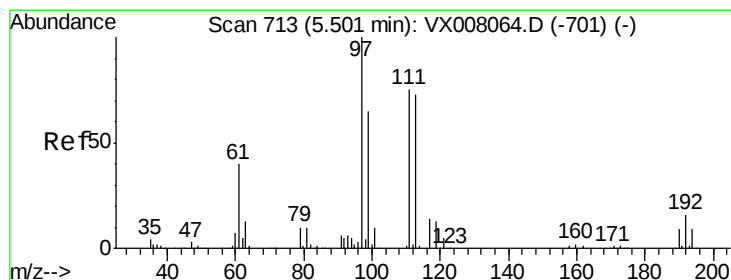
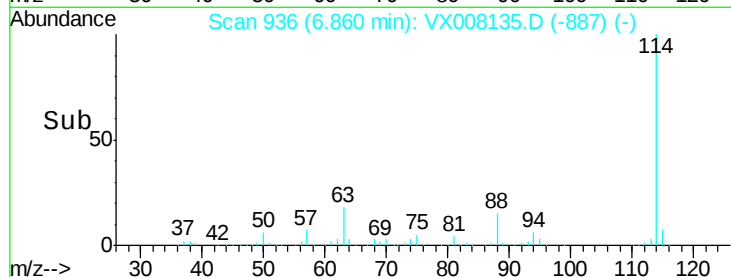
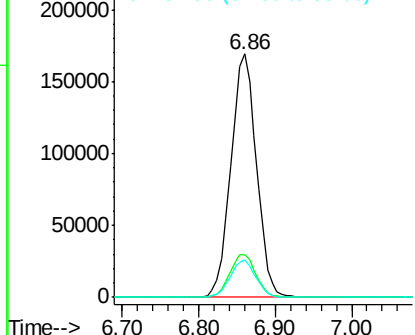
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008135.D
 Acq: 16 Mar 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBL01

Tot Ion:114 Resp: 391600
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 39.8
 88 15.3 0.0 31.4

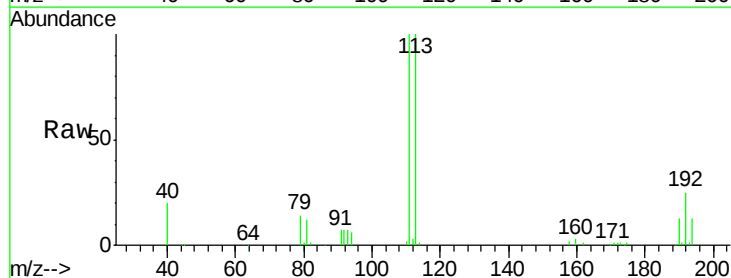


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

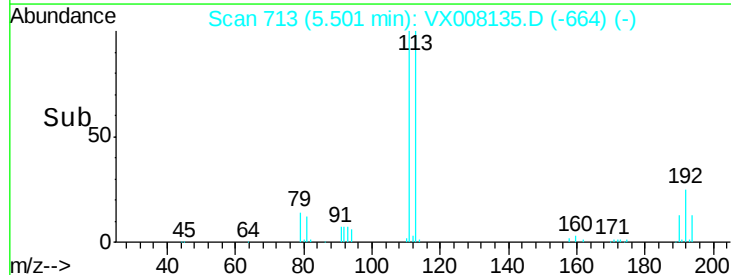
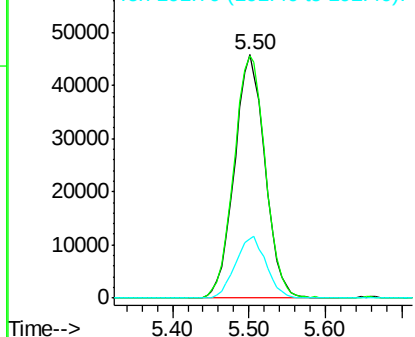


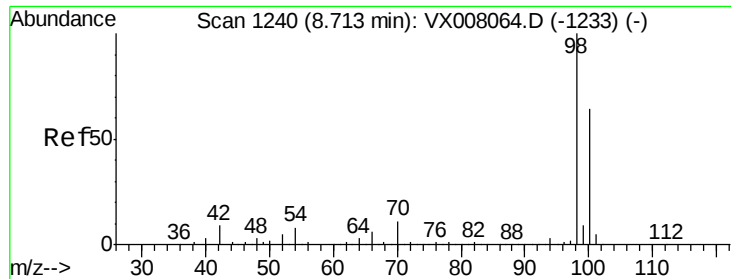
#35
 Dibromofluoromethane
 Concen: 50.864 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008135.D
 Acq: 16 Mar 2019 12:30

Tgt Ion:113 Resp: 126311
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 25.5 19.4 29.0



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

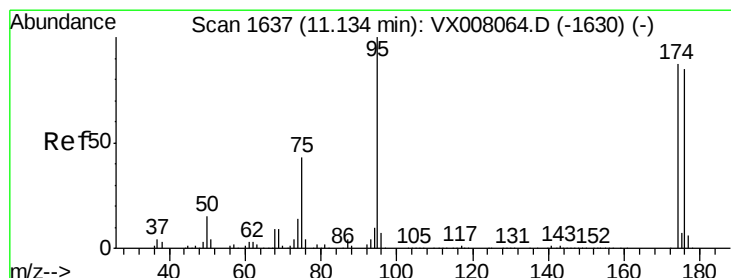
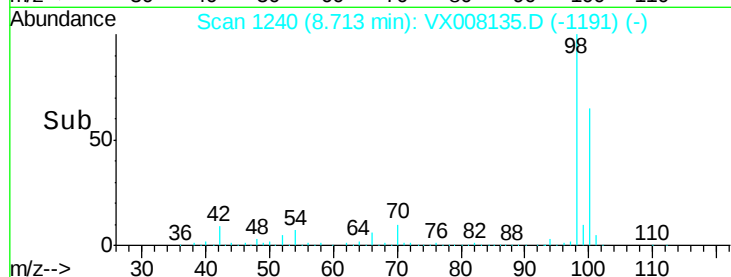
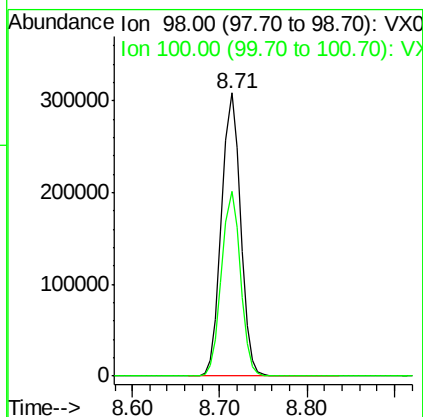
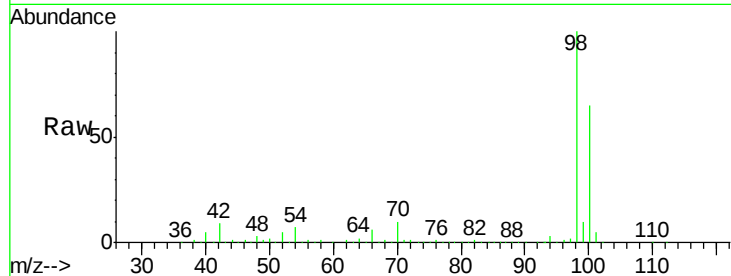




#50
Toluene-d8
Concen: 49.451 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008135.D
Acq: 16 Mar 2019 12:30

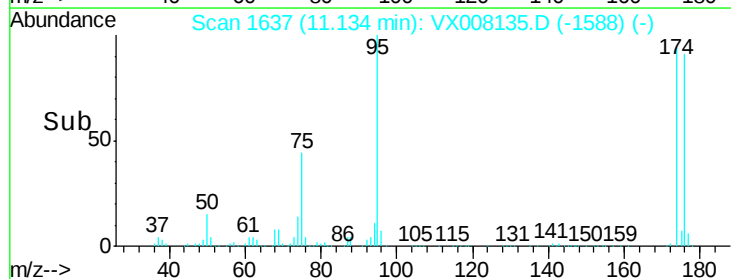
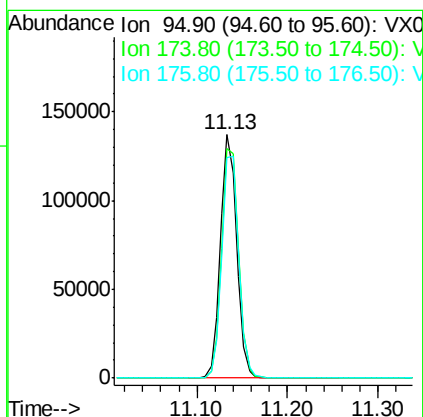
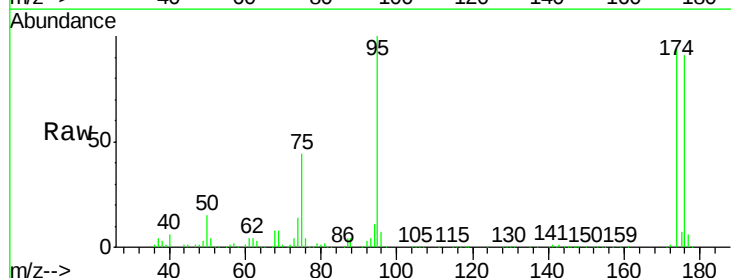
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBL01

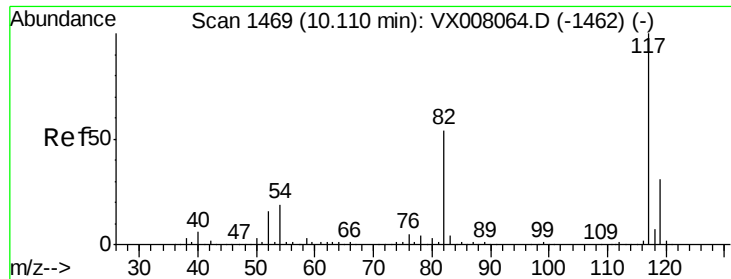
Tot Ion: 98 Resp: 467056
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 50.700 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008135.D
Acq: 16 Mar 2019 12:30

Tgt Ion: 95 Resp: 171542
Ion Ratio Lower Upper
95 100
174 99.0 0.0 182.8
176 95.9 0.0 178.0

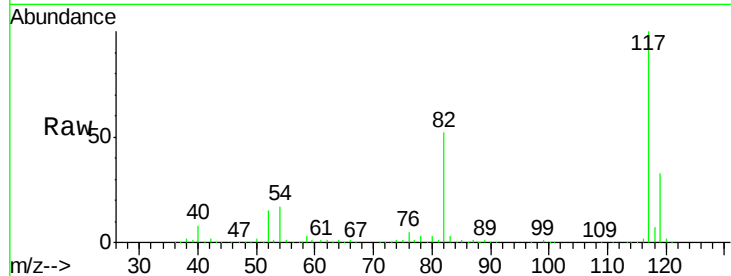




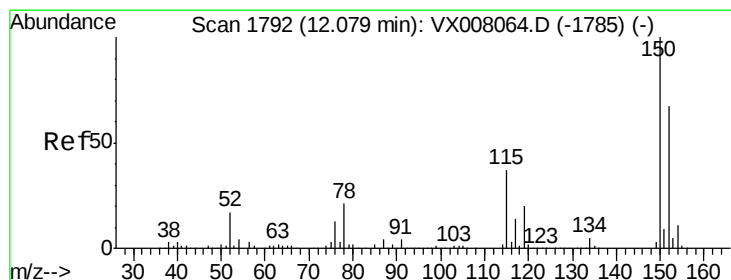
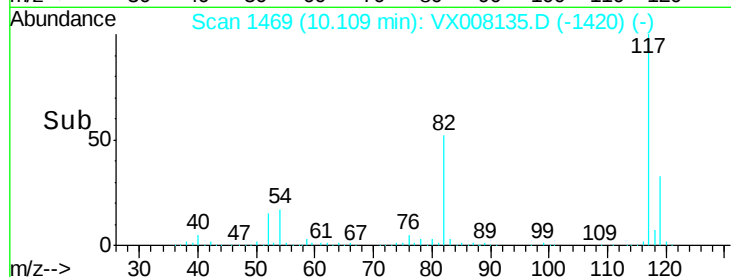
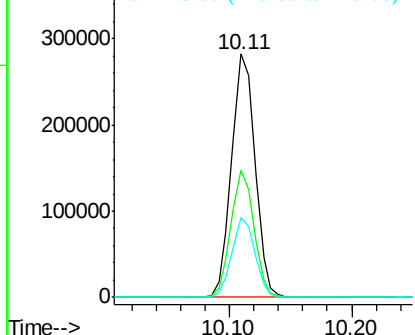
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008135.D
Acq: 16 Mar 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBL01

Tot Ion:117 Resp: 374153
Ion Ratio Lower Upper
117 100
82 52.4 44.3 66.5
119 32.6 25.3 37.9

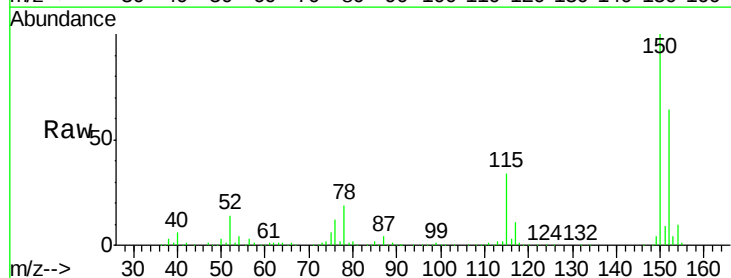


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008135.D
Acq: 16 Mar 2019 12:30

Tgt Ion:152 Resp: 185649
Ion Ratio Lower Upper
152 100
115 54.1 38.6 115.7
150 156.5 0.0 348.4



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

