

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009015.D
 Acq On : 17 Apr 2019 15:23
 Operator : JC/SP
 Sample : K2449-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB10-190415

Quant Time: Apr 18 10:20:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	404259	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	351757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150073	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	163579	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
35) Dibromofluoromethane	5.50	113	121627	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
50) Toluene-d8	8.71	98	503133	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.13	95	166030	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	

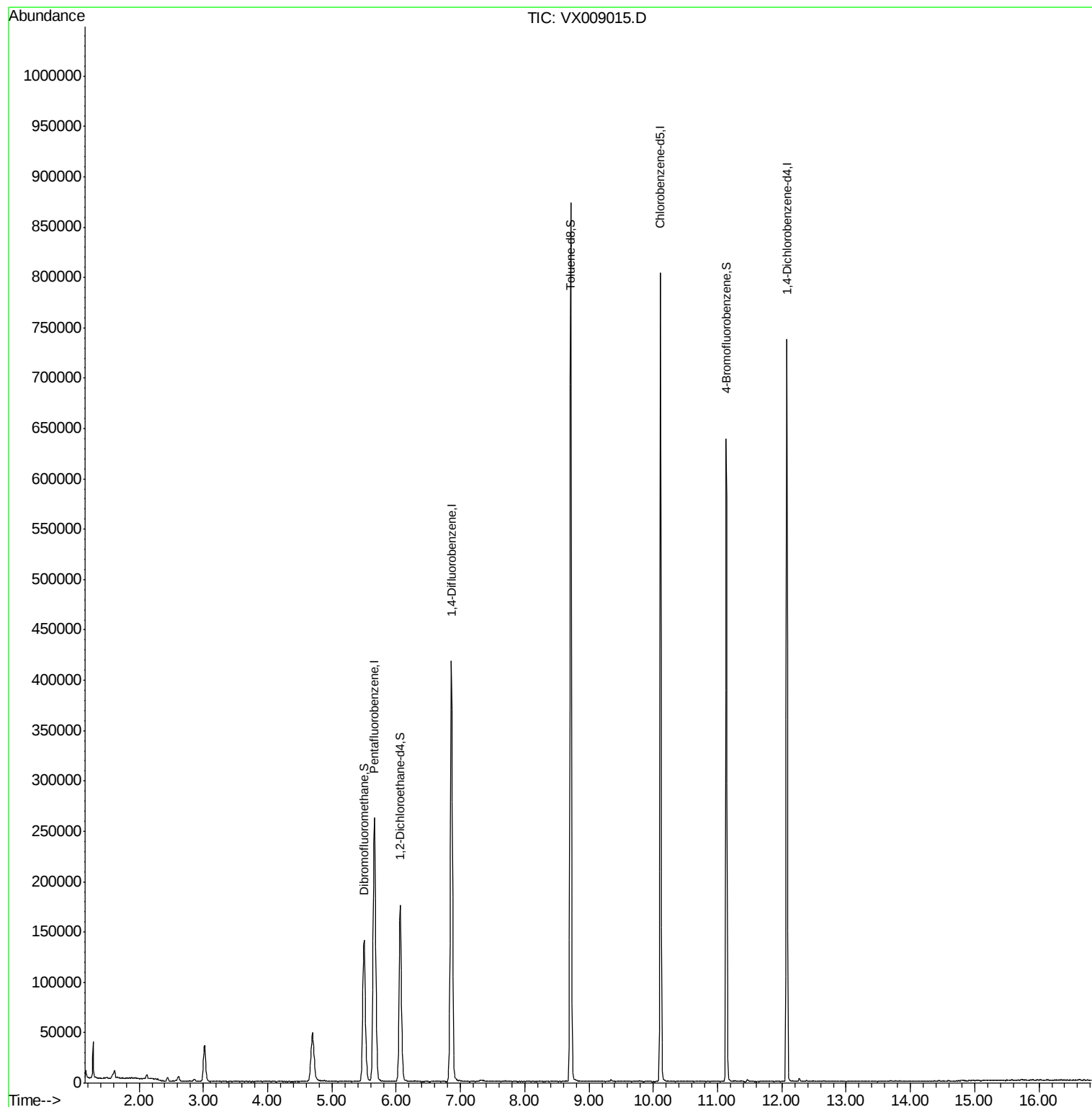
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009015.D

Acq: 17 Apr 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

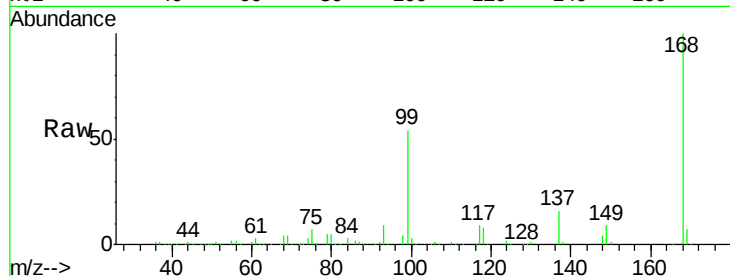
Z3-TB10-190415

Tot Ion:168 Resp: 255934

Ion Ratio Lower Upper

168 100

99 53.9 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

100000

80000

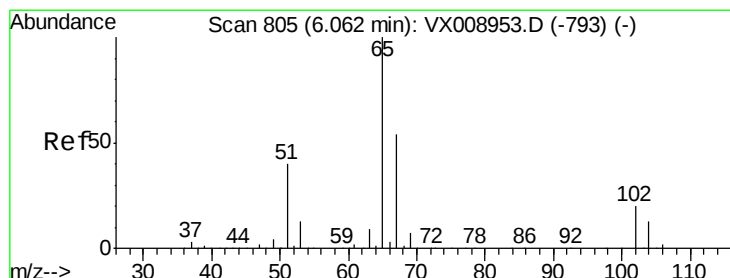
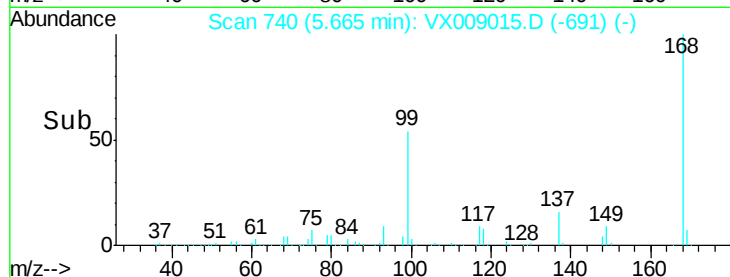
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.352 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009015.D

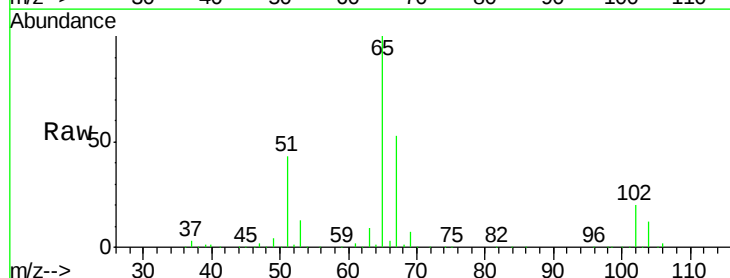
Acq: 17 Apr 2019 15:23

Tgt Ion: 65 Resp: 163579

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

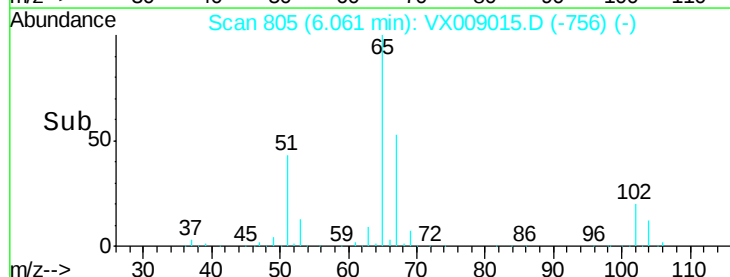
60000

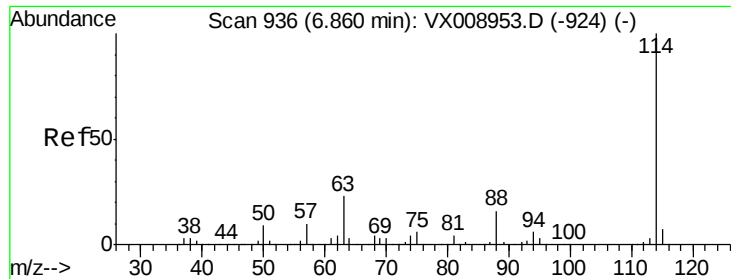
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

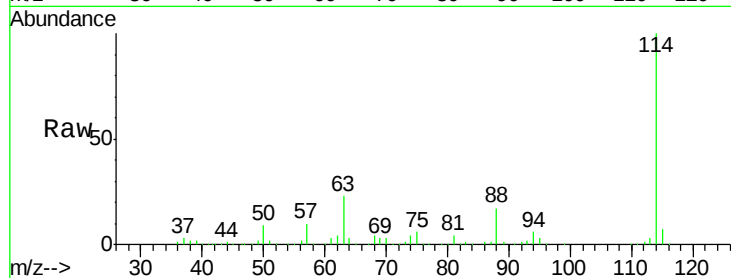




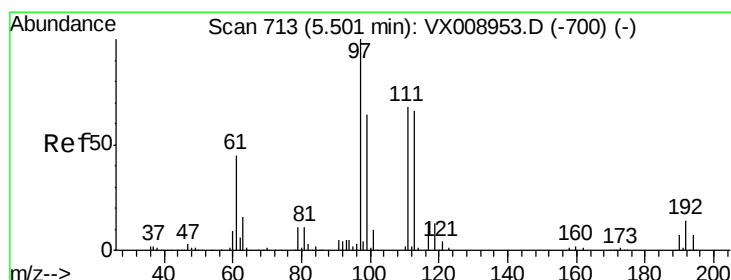
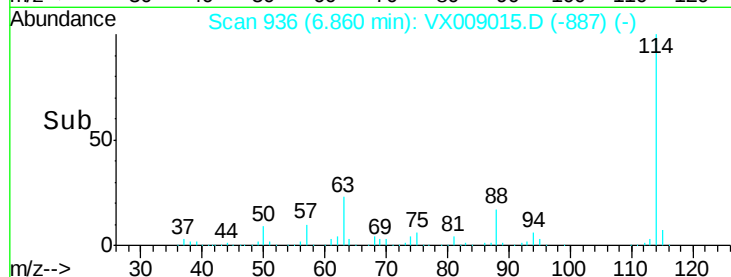
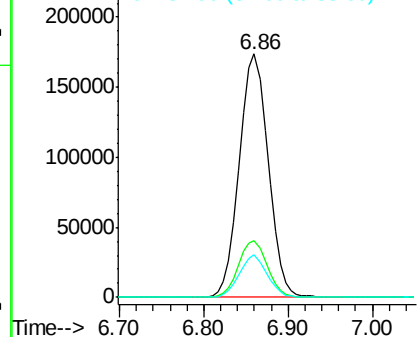
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009015.D
 Acq: 17 Apr 2019 15:23

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB10-190415

Tot Ion:114 Resp: 404259
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.0
 88 17.3 0.0 32.6

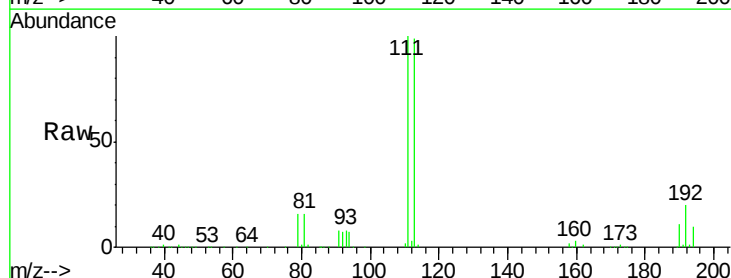


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

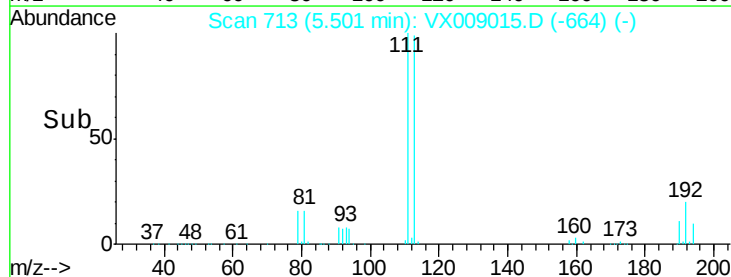
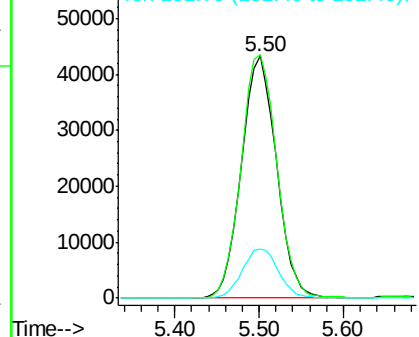


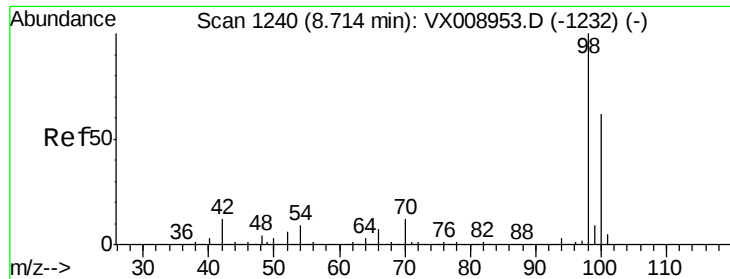
#35
 Dibromofluoromethane
 Concen: 46.880 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009015.D
 Acq: 17 Apr 2019 15:23

Tgt Ion:113 Resp: 121627
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 21.1 17.4 26.0



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

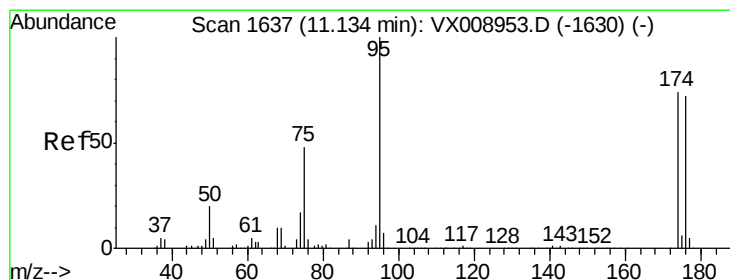
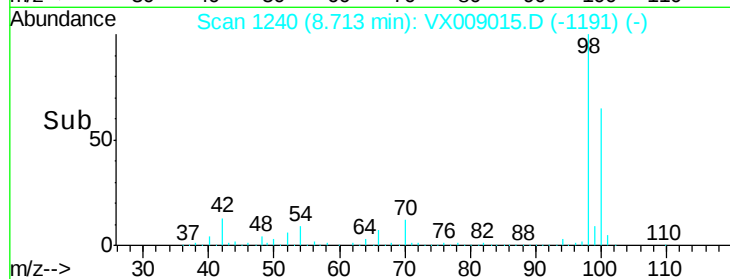
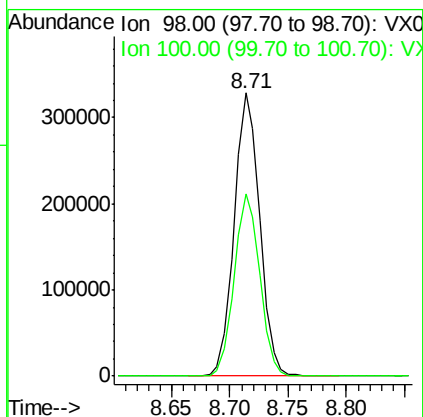
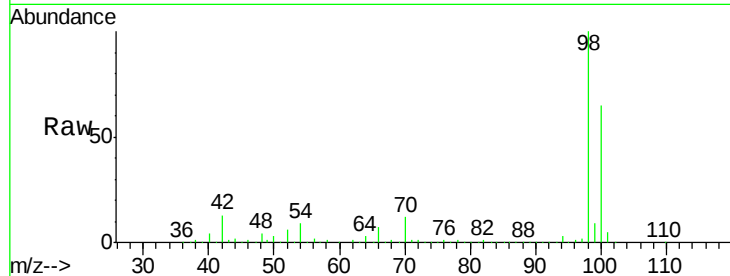




#50
Toluene-d8
Concen: 48.627 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009015.D
Acq: 17 Apr 2019 15:23

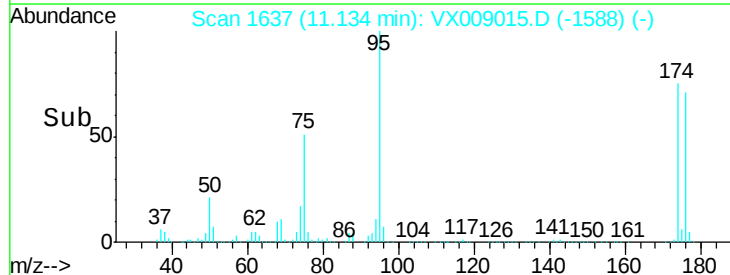
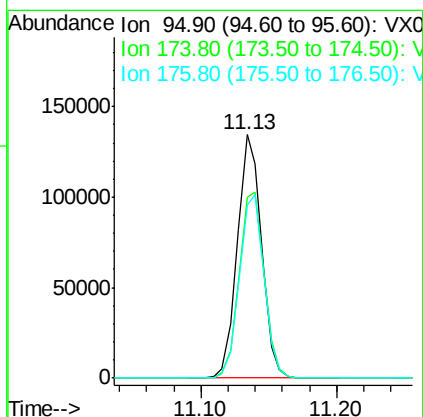
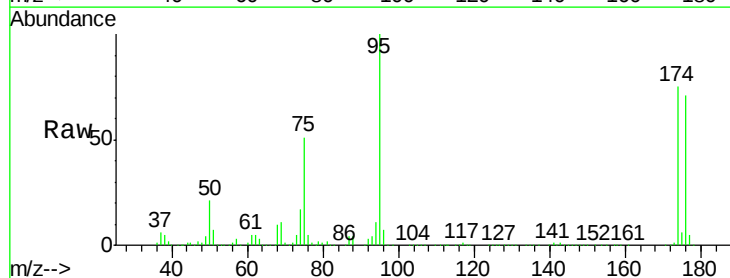
Instrument :
MSVOA_X
ClientSampleId :
Z3-TB10-190415

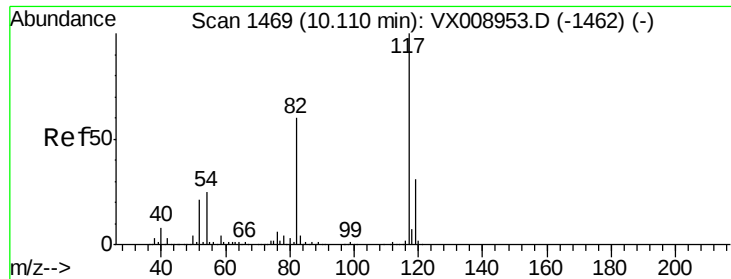
Tot Ion: 98 Resp: 503133
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 45.457 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009015.D
Acq: 17 Apr 2019 15:23

Tgt Ion: 95 Resp: 166030
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.6
176 77.1 0.0 154.8

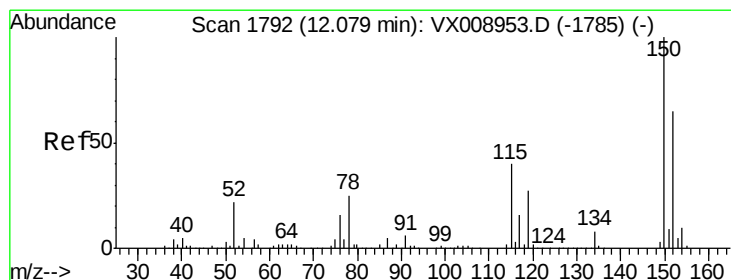
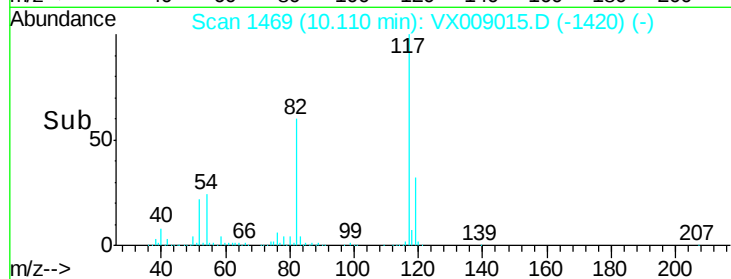
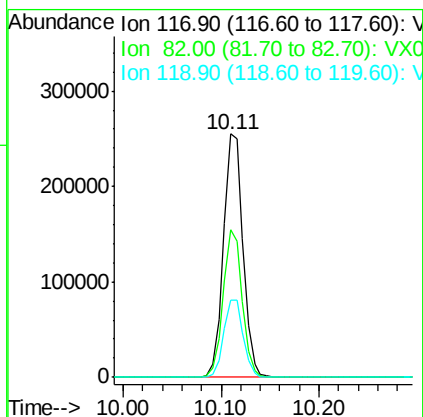
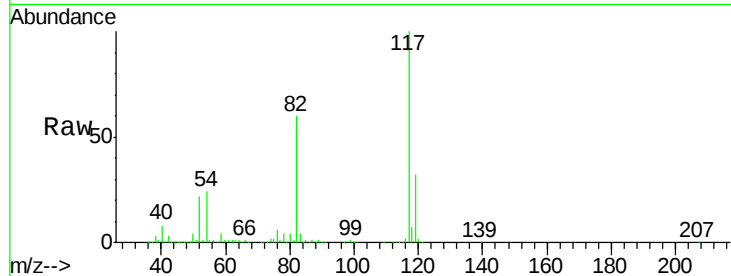




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009015.D
Acq: 17 Apr 2019 15:23

Instrument :
MSVOA_X
ClientSampleId :
Z3-TB10-190415

Tot Ion:117 Resp: 351757
Ion Ratio Lower Upper
117 100
82 60.4 48.2 72.4
119 31.9 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009015.D
Acq: 17 Apr 2019 15:23

Tgt Ion:152 Resp: 150073
Ion Ratio Lower Upper
152 100
115 58.3 41.4 124.2
150 154.3 0.0 349.8

