

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032519\
 Data File : VX008415.D
 Acq On : 25 Mar 2019 16:03
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 26 04:32:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:13:47 2019
 Response via : Initial Calibration

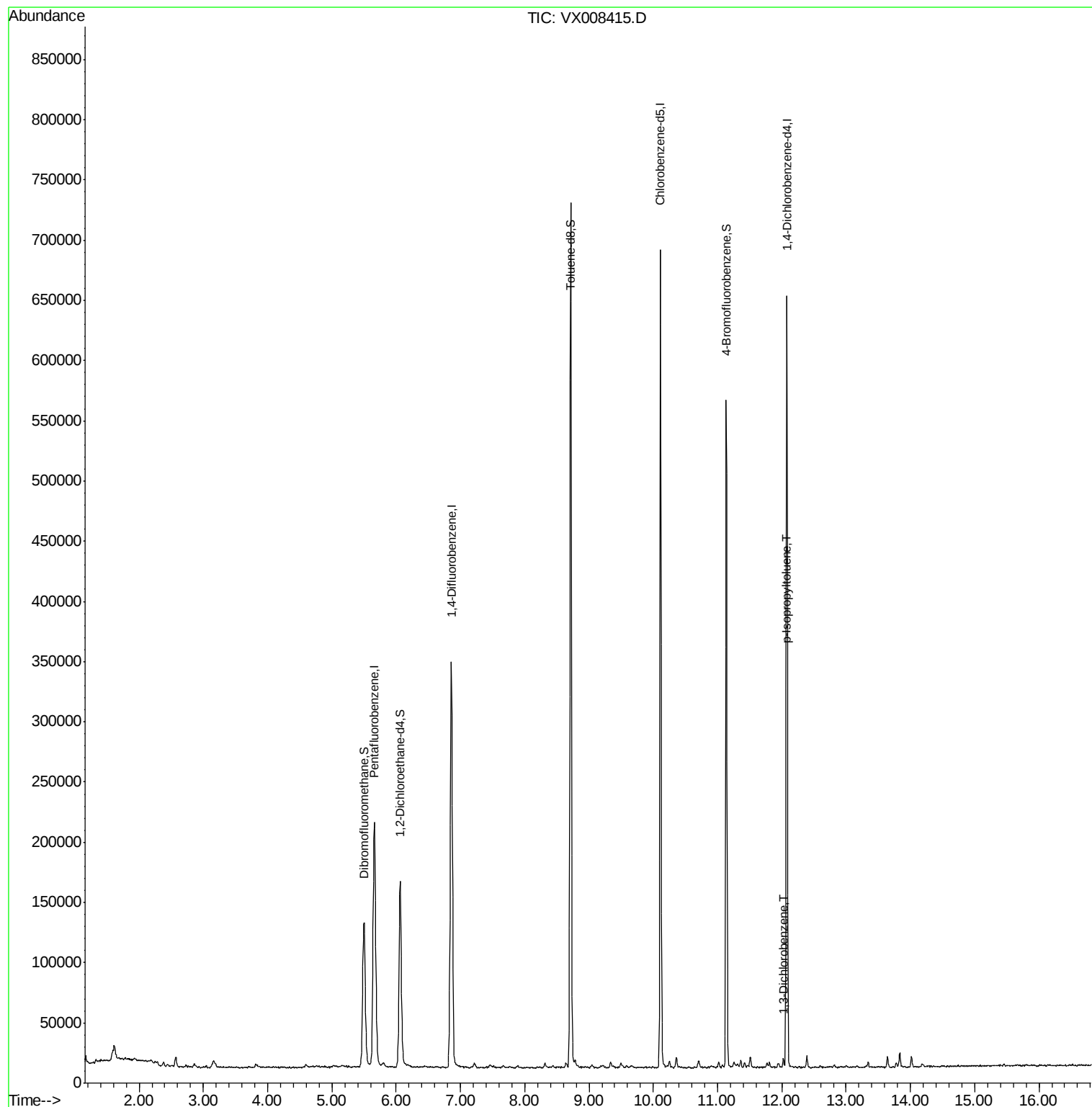
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126359	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	144478	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
35) Dibromofluoromethane	5.49	113	104372	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
50) Toluene-d8	8.71	98	416526	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	11.13	95	147535	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
Target Compounds						
86) p-Isopropyltoluene	12.06	119	1720	0.201	ug/l #	64
87) 1,3-Dichlorobenzene	12.02	146	1936	0.456	ug/l	98

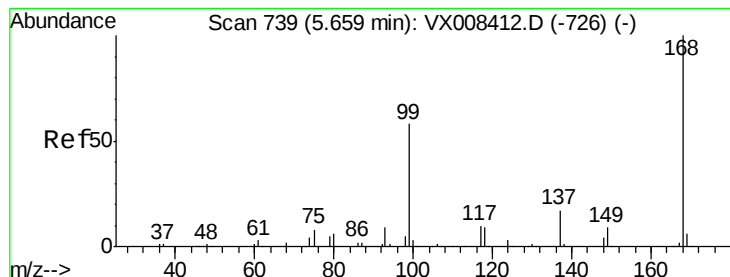
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008415.D

Acq: 25 Mar 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

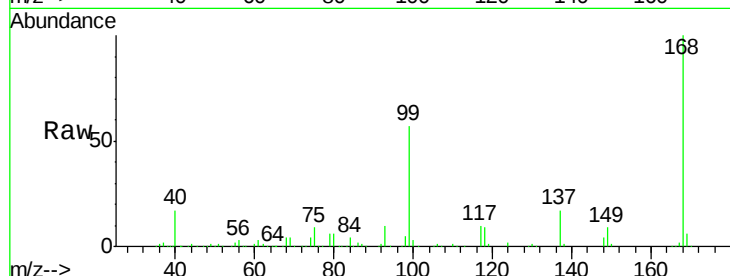
IBLK

Tot Ion:168 Resp: 193209

Ion Ratio Lower Upper

168 100

99 57.2 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

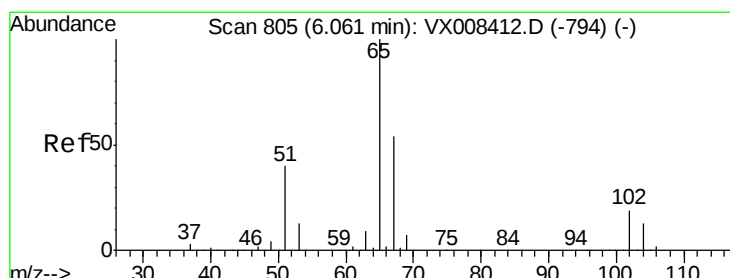
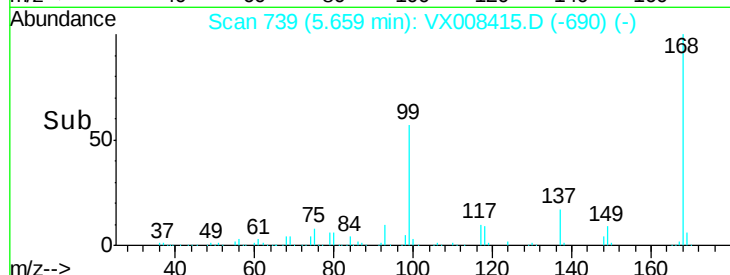
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.426 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008415.D

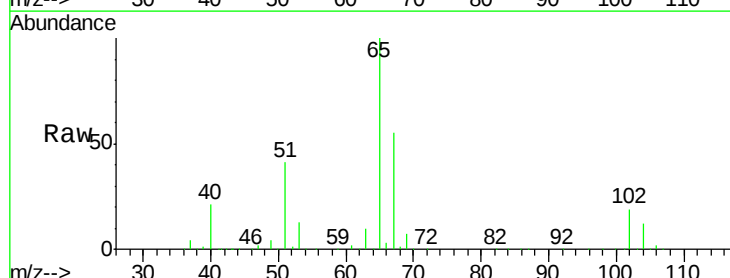
Acq: 25 Mar 2019 16:03

Tgt Ion: 65 Resp: 144478

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

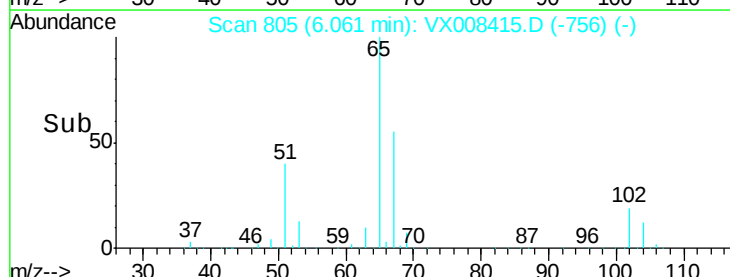
30000

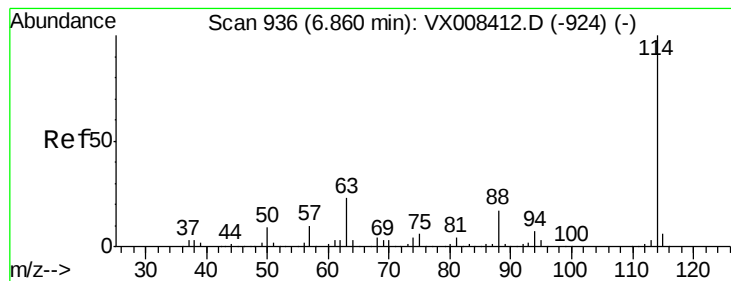
20000

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: VX008415.D

Acq: 25 Mar 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

IBLK

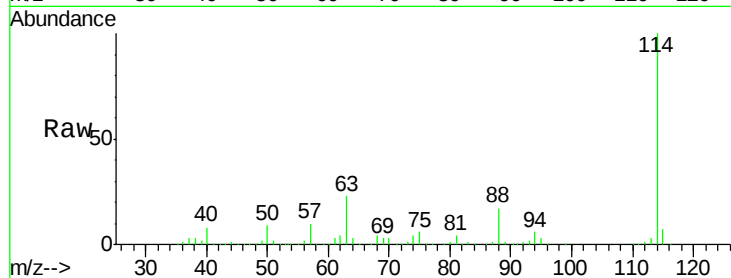
Tot Ion:114 Resp: 330865

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.4

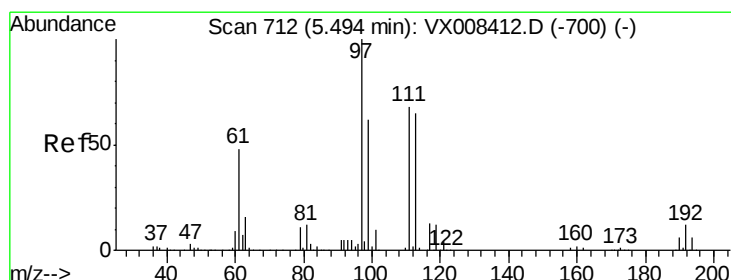
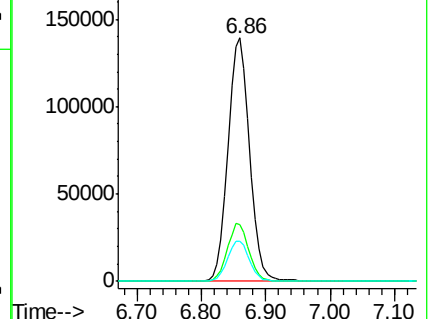
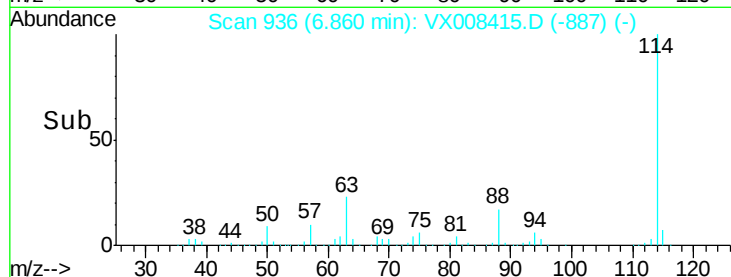
88 16.7 0.0 33.2



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: 48.781 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008415.D

Acq: 25 Mar 2019 16:03

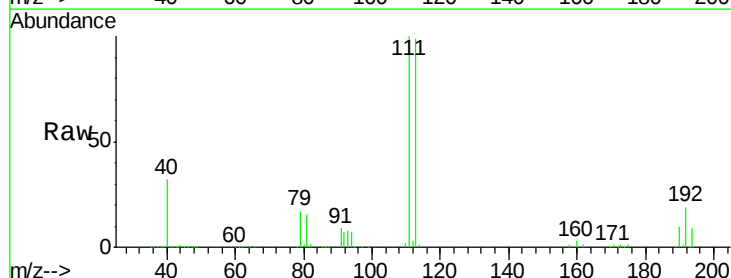
Tgt Ion:113 Resp: 104372

Ion Ratio Lower Upper

113 100

111 104.0 83.0 124.4

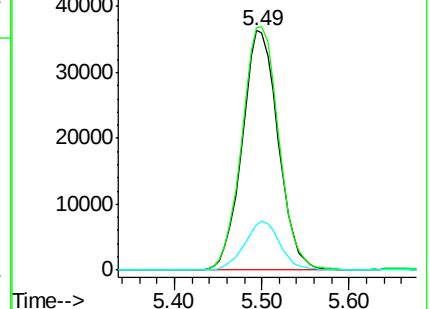
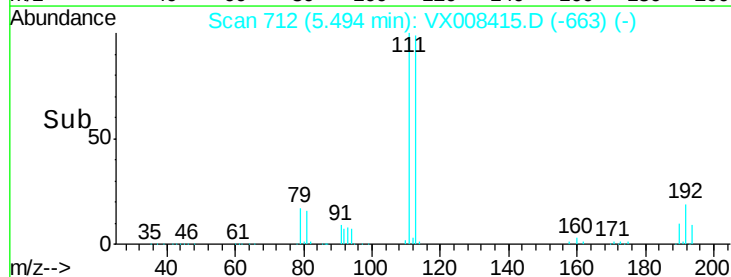
192 20.0 15.6 23.4

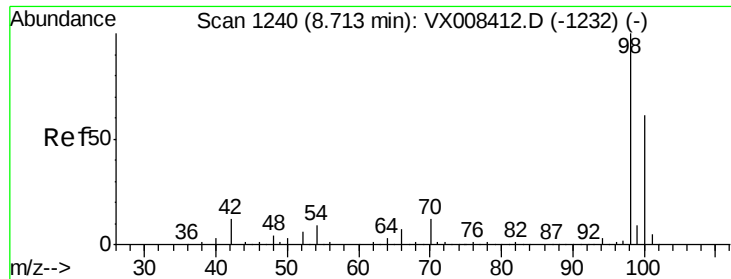


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

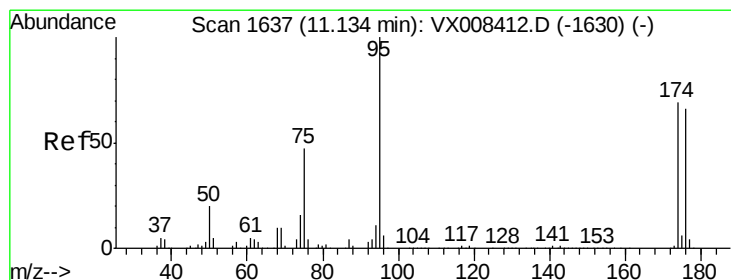
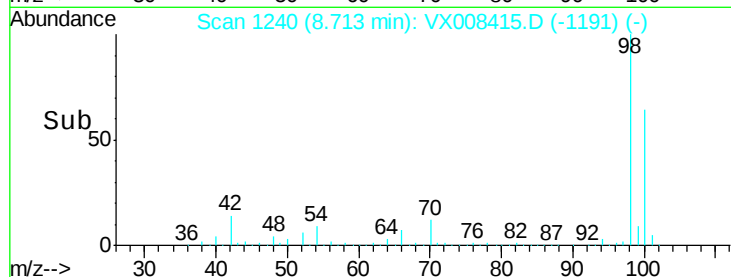
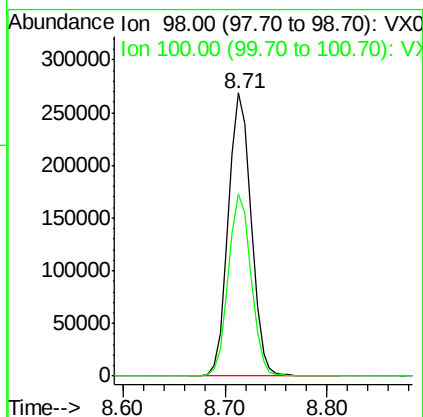
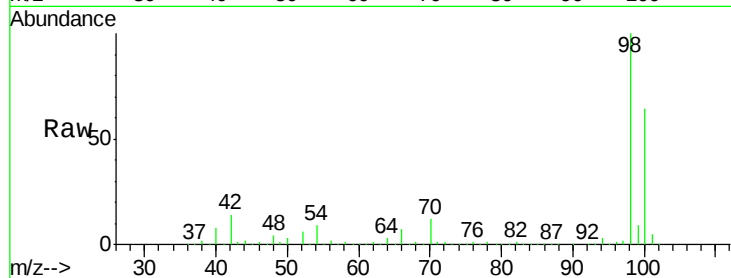




#50
Toluene-d8
Concen: 48.968 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008415.D
Acq: 25 Mar 2019 16:03

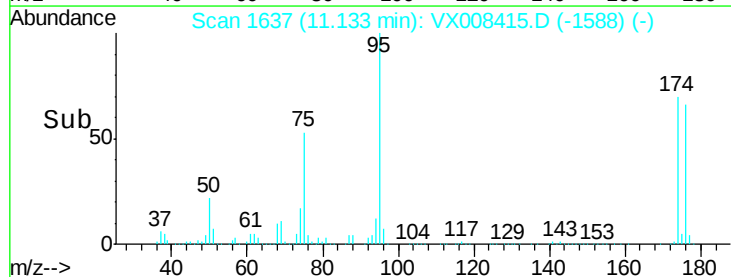
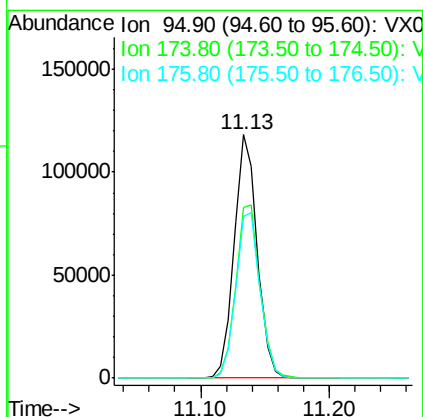
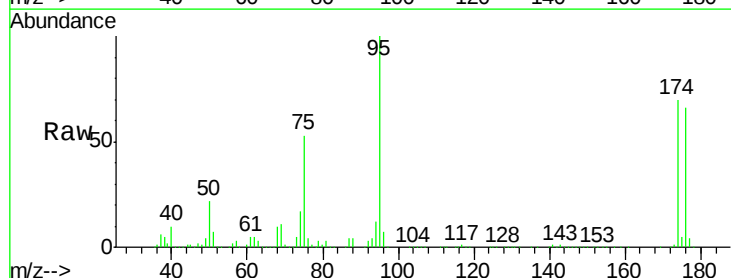
Instrument :
MSVOA_X
ClientSampled :
IBLK

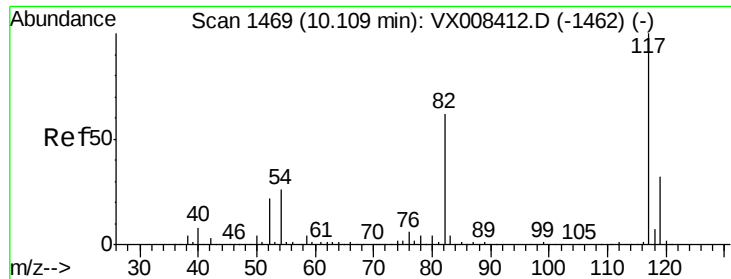
Tot Ion: 98 Resp: 416526
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 46.932 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008415.D
Acq: 25 Mar 2019 16:03

Tgt Ion: 95 Resp: 147535
Ion Ratio Lower Upper
95 100
174 74.7 0.0 147.2
176 71.6 0.0 142.4

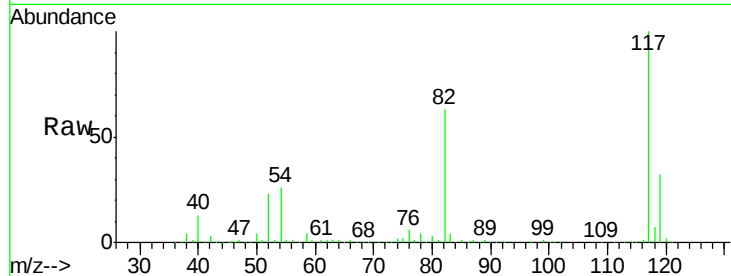




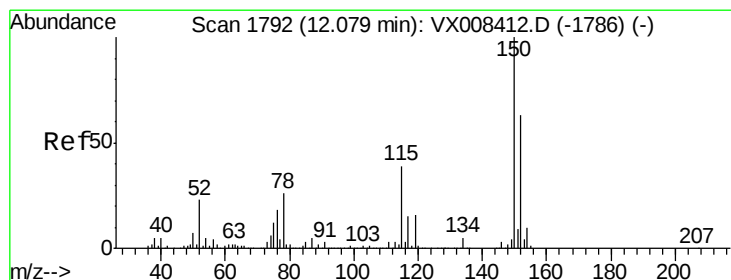
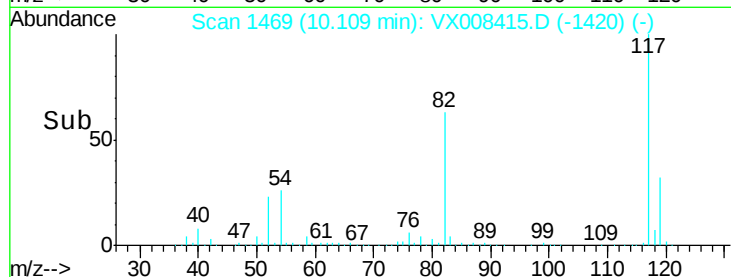
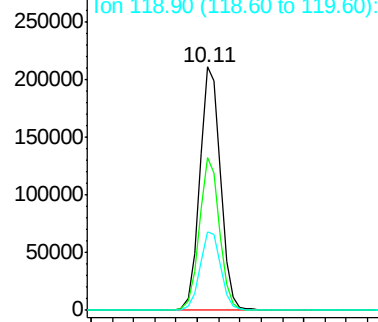
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008415.D
Acq: 25 Mar 2019 16:03

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion:117 Resp: 288337
Ion Ratio Lower Upper
117 100
82 62.5 49.4 74.2
119 32.3 25.4 38.0

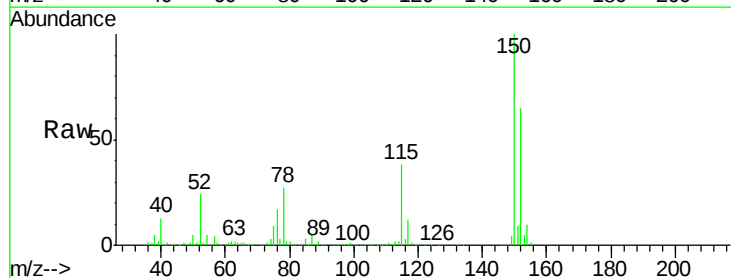


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

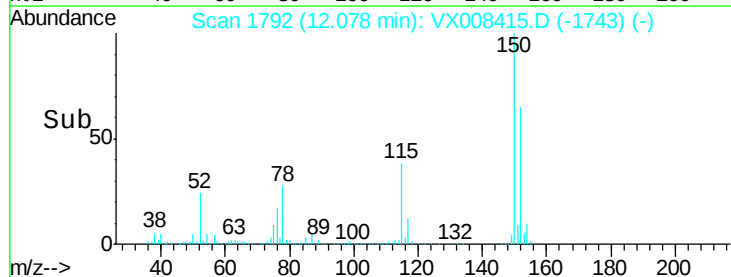
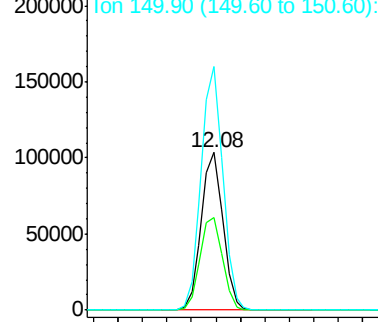


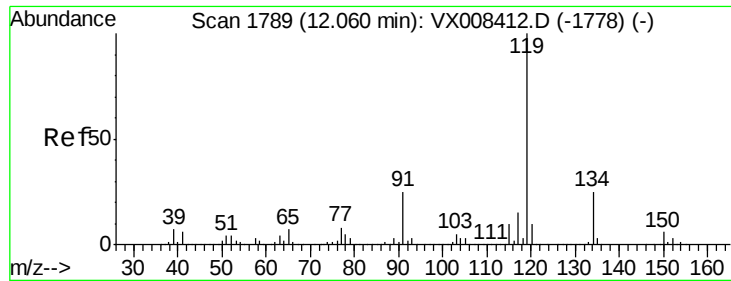
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008415.D
Acq: 25 Mar 2019 16:03

Tgt Ion:152 Resp: 126359
Ion Ratio Lower Upper
152 100
115 61.5 43.5 130.5
150 155.1 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

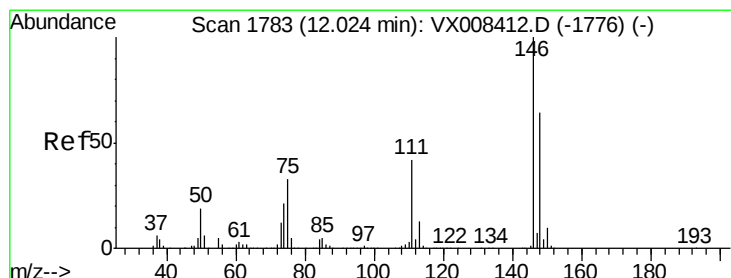
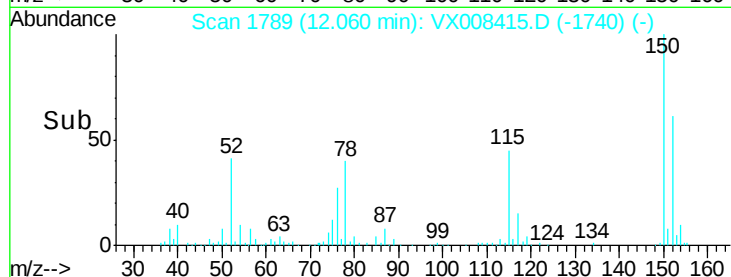
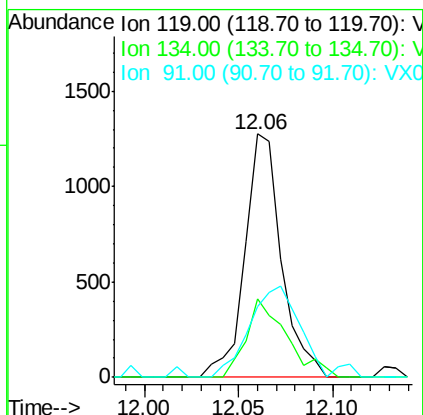
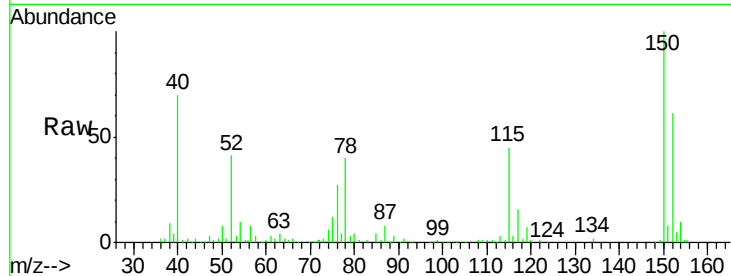




#86
 p-Isopropyltoluene
 Concen: 0.201 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008415.D
 Acq: 25 Mar 2019 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tot Ion:119 Resp: 1720
 Ion Ratio Lower Upper
 119 100
 134 35.9 12.8 38.4
 91 51.0 12.4 37.0#



#87
 1,3-Dichlorobenzene
 Concen: 0.456 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008415.D
 Acq: 25 Mar 2019 16:03

Tgt Ion:146 Resp: 1936
 Ion Ratio Lower Upper
 146 100
 111 44.3 20.8 62.5
 148 63.6 32.0 96.0

