

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009053.D
 Acq On : 18 Apr 2019 18:52
 Operator : JC/SP
 Sample : K2461-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-15

Quant Time: Apr 19 05:38:53 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

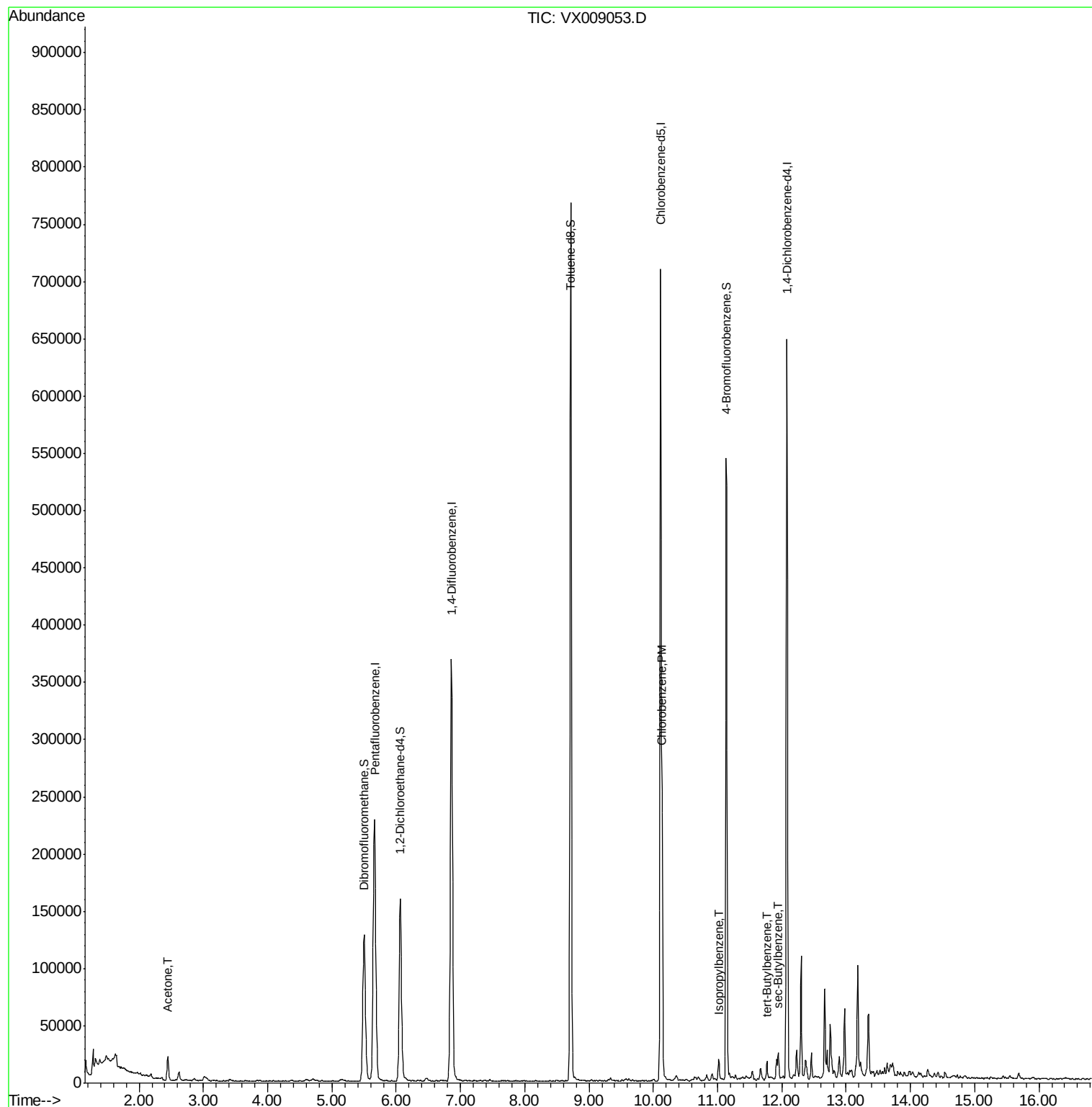
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361582	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129606	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	151723	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
35) Dibromofluoromethane	5.50	113	110174	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
50) Toluene-d8	8.71	98	442550	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.13	95	146098	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
Target Compounds						
16) Acetone	2.45	43	20475	12.549	ug/l	94
65) Chlorobenzene	10.14	112	96106	14.866	ug/l	99
73) Isopropylbenzene	11.02	105	8857	0.902	ug/l	97
83) tert-Butylbenzene	11.77	119	5695	0.720	ug/l	88
85) sec-Butylbenzene	11.94	105	9689	1.026	ug/l	96

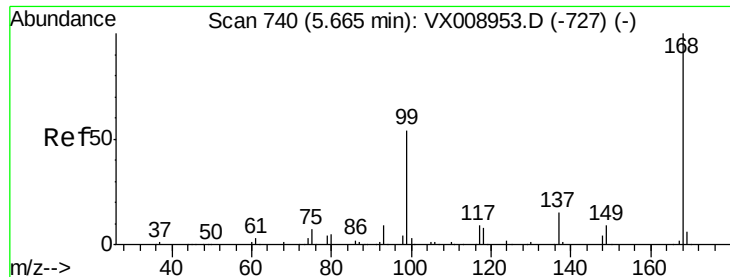
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041819\
Data File : VX009053.D
Acq On : 18 Apr 2019 18:52
Operator : JC/SP
Sample : K2461-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PZ-15

Quant Time: Apr 19 05:38:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009053.D

Acq: 18 Apr 2019 18:52

Instrument :

MSVOA_X

ClientSampled :

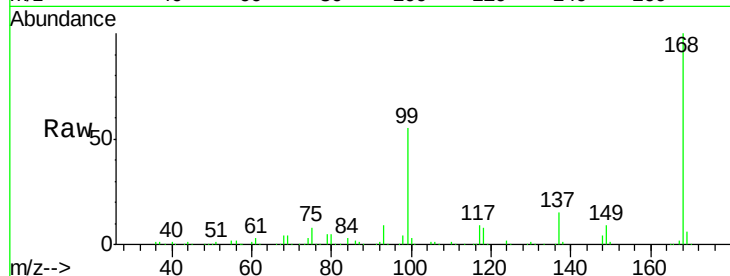
PZ-15

Tot Ion:168 Resp: 223262

Ion Ratio Lower Upper

168 100

99 55.1 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

80000

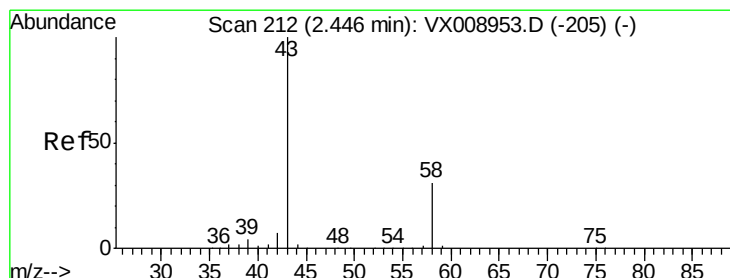
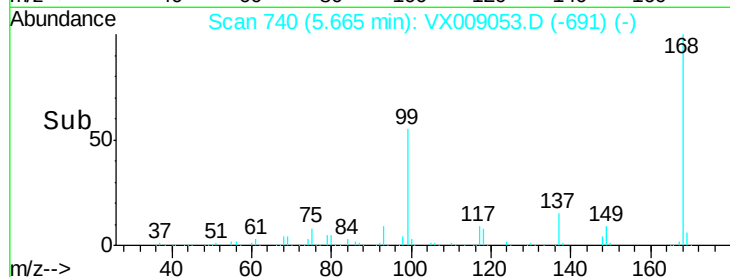
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.549 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009053.D

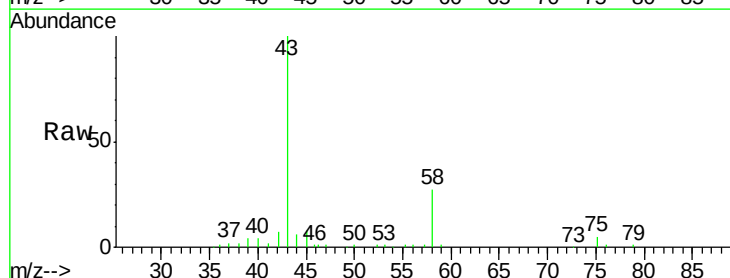
Acq: 18 Apr 2019 18:52

Tgt Ion: 43 Resp: 20475

Ion Ratio Lower Upper

43 100

58 27.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

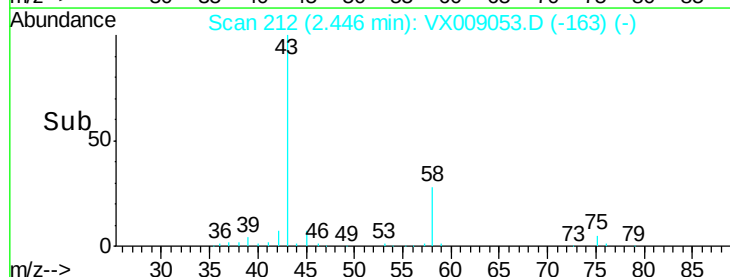
15000

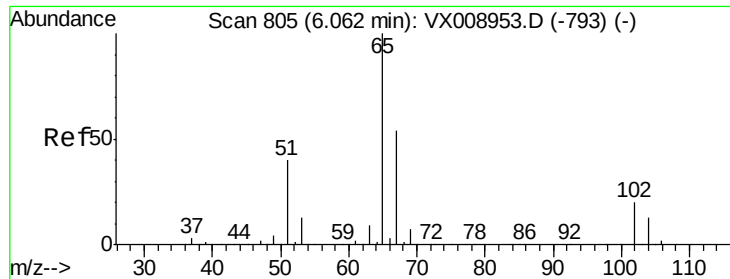
10000

5000

0

Time--> 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 48.221 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009053.D

Acq: 18 Apr 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

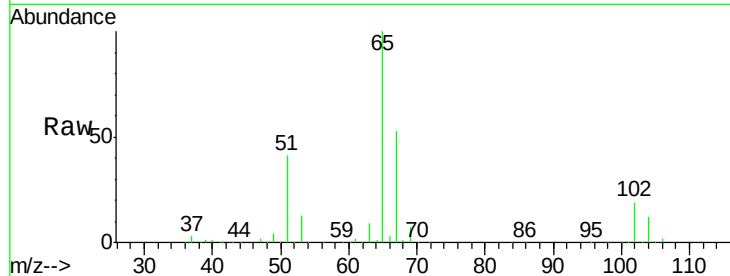
PZ-15

Tot Ion: 65 Resp: 151723

Ion Ratio Lower Upper

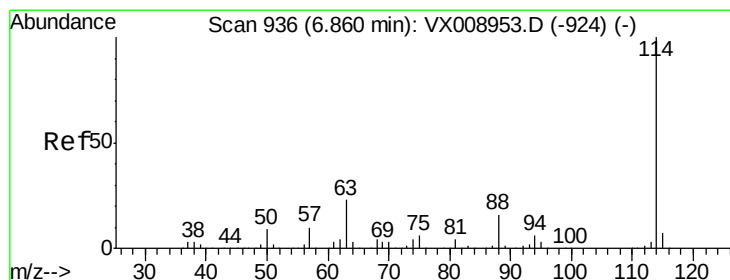
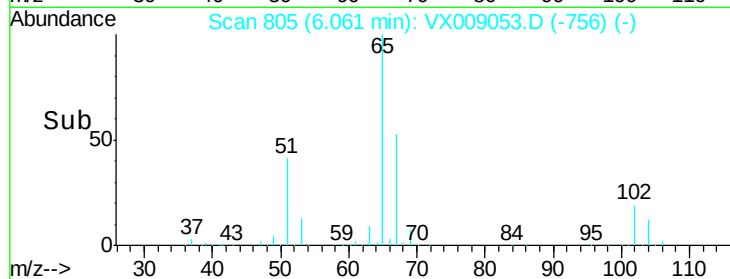
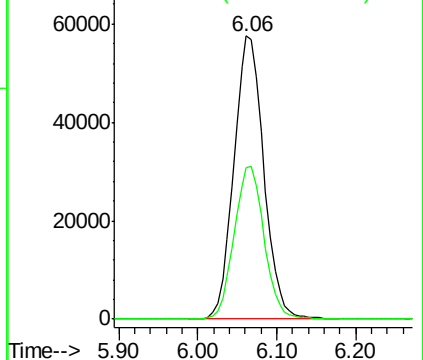
65 100

67 54.0 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009053.D

Acq: 18 Apr 2019 18:52

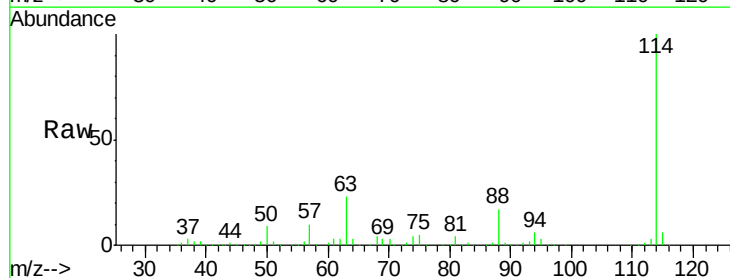
Tgt Ion: 114 Resp: 361582

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.0

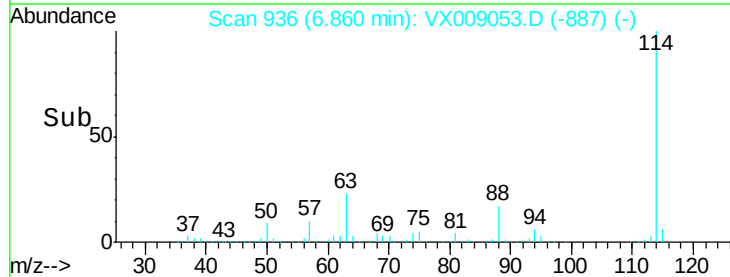
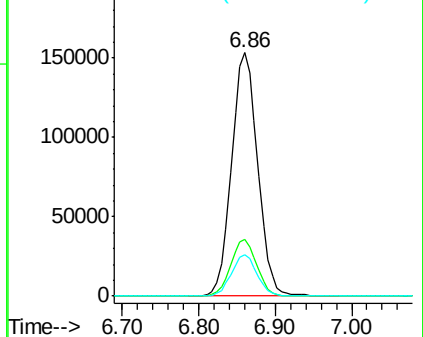
88 16.9 0.0 32.6

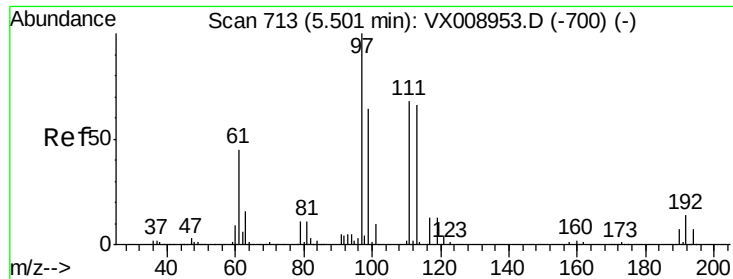


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

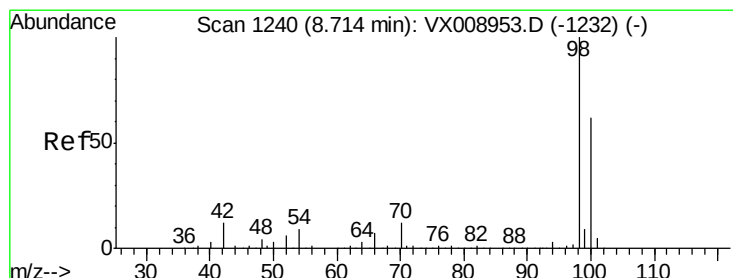
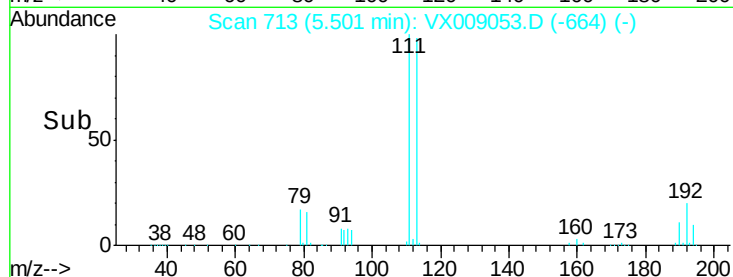
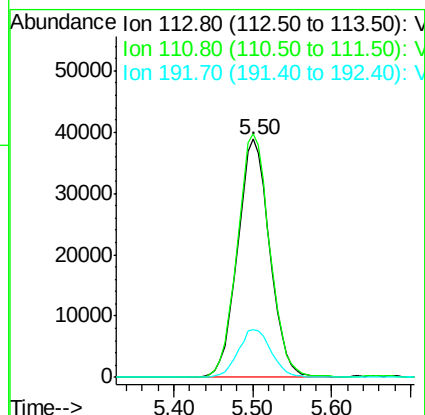
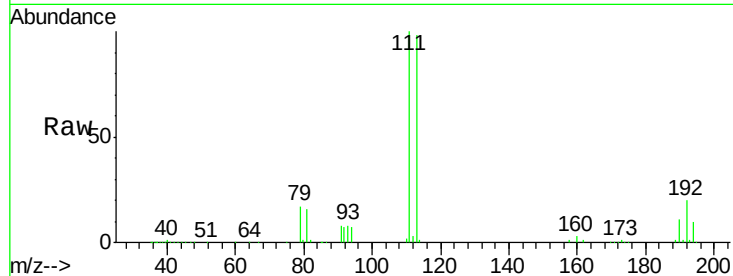




#35
 Dibromofluoromethane
 Concen: 47.478 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009053.D
 Acq: 18 Apr 2019 18:52

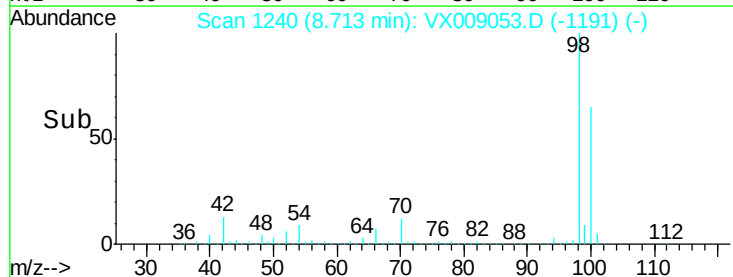
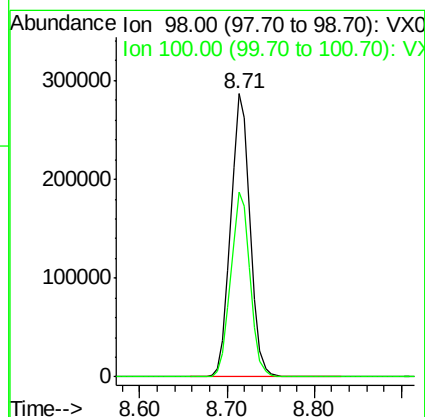
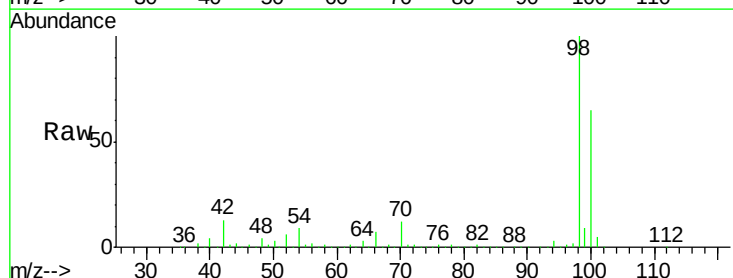
Instrument :
 MSVOA_X
 ClientSampled :
 PZ-15

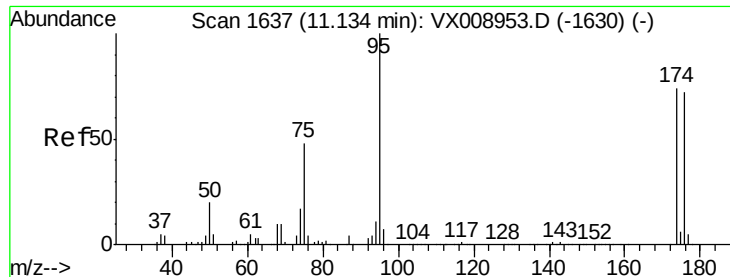
Tot Ion:113 Resp: 110174
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.9 124.3
 192 20.7 17.4 26.0



#50
 Toluene-d8
 Concen: 47.820 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009053.D
 Acq: 18 Apr 2019 18:52

Tgt Ion: 98 Resp: 442550
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 44.721 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009053.D

Acq: 18 Apr 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

PZ-15

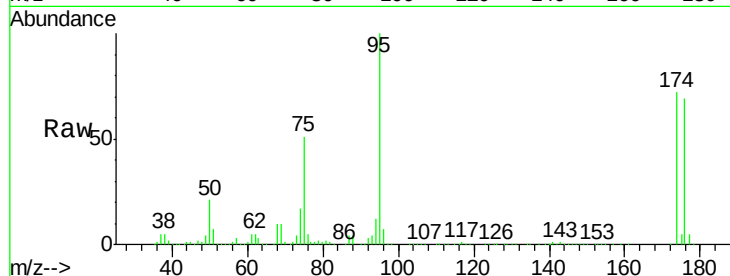
Tot Ion: 95 Resp: 146098

Ion Ratio Lower Upper

95 100

174 78.3 0.0 159.6

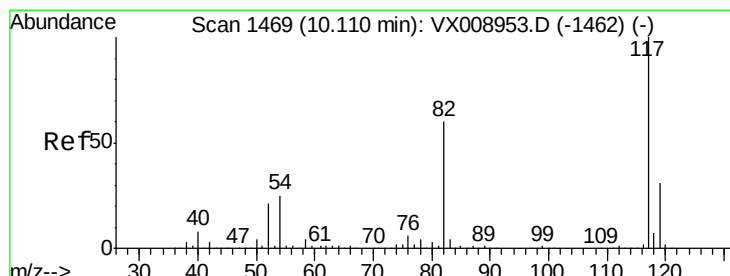
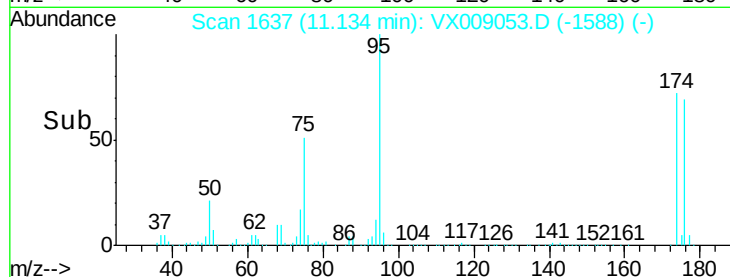
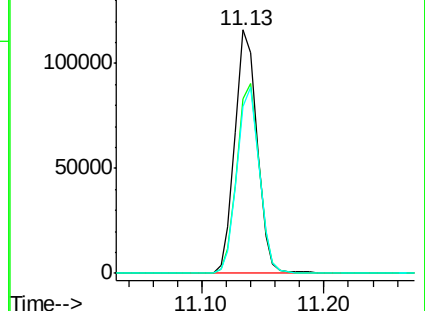
176 76.4 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009053.D

Acq: 18 Apr 2019 18:52

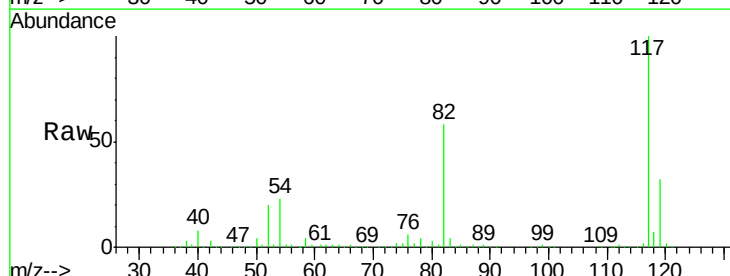
Tgt Ion: 117 Resp: 306289

Ion Ratio Lower Upper

117 100

82 58.2 48.2 72.4

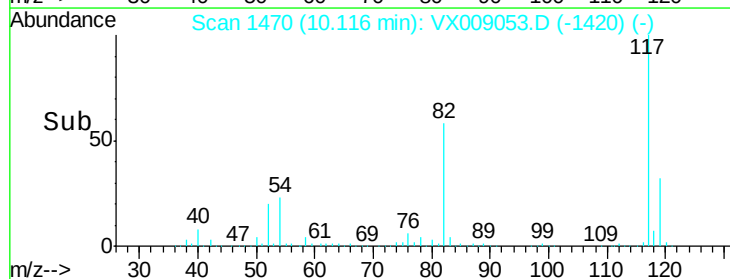
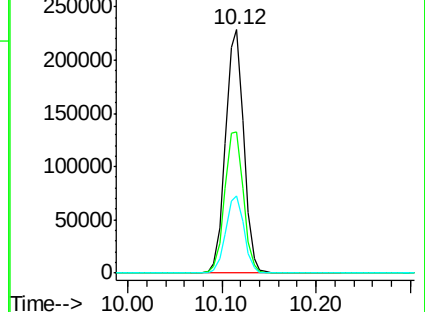
119 31.7 25.0 37.6

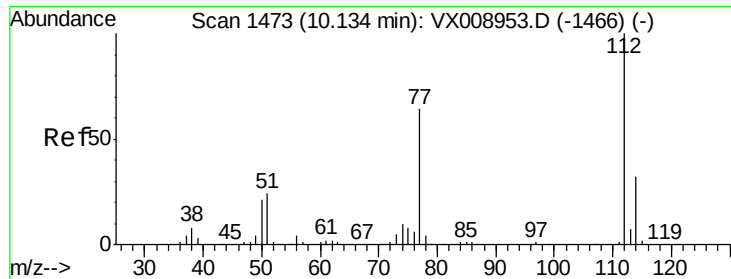


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)





#65

Chlorobenzene

Concen: 14.866 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009053.D

Acq: 18 Apr 2019 18:52

Instrument :

MSVOA_X

ClientSampled :

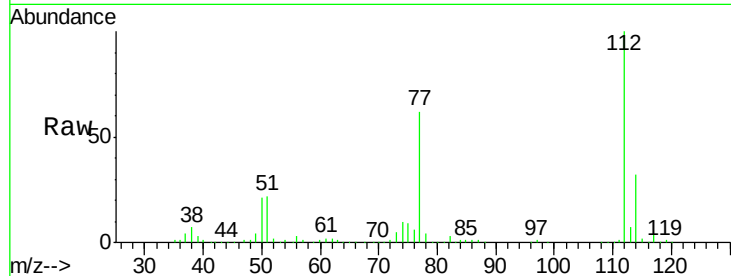
PZ-15

Tot Ion:112 Resp: 96106

Ion Ratio Lower Upper

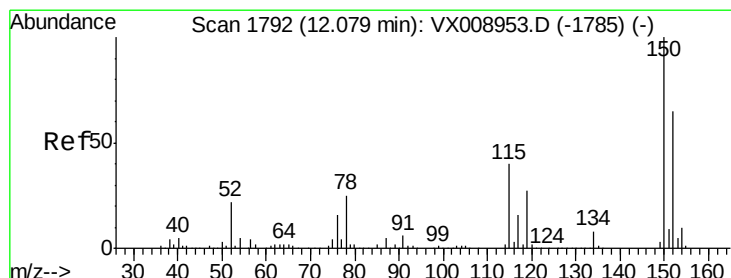
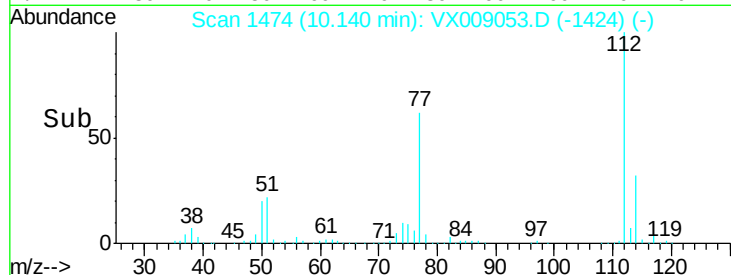
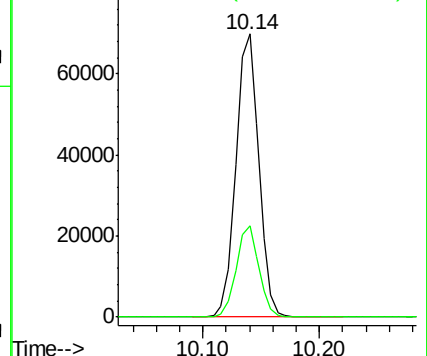
112 100

114 32.5 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VX009053.D

Acq: 18 Apr 2019 18:52

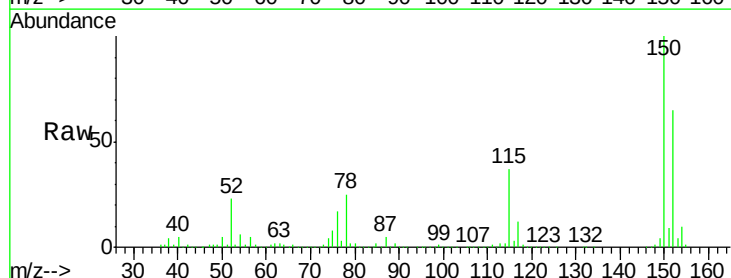
Tgt Ion:152 Resp: 129606

Ion Ratio Lower Upper

152 100

115 59.2 41.4 124.2

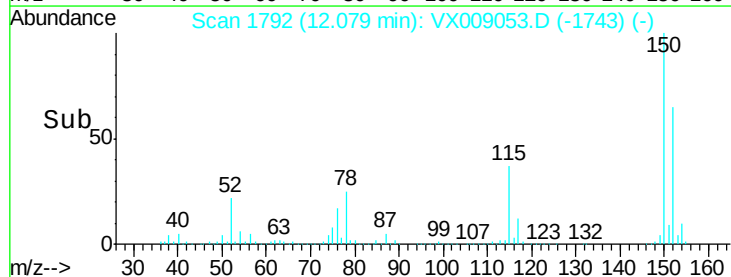
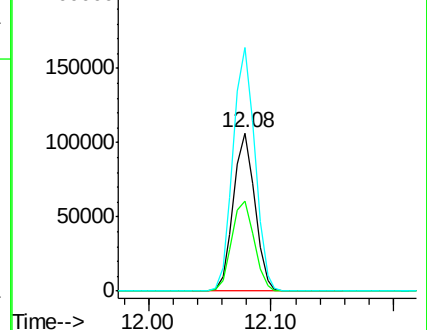
150 157.0 0.0 349.8

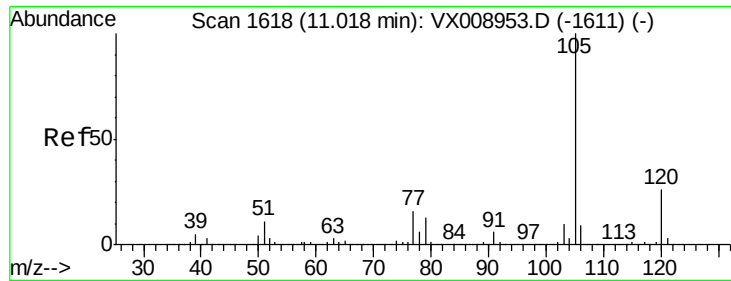


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.902 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009053.D

Acq: 18 Apr 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

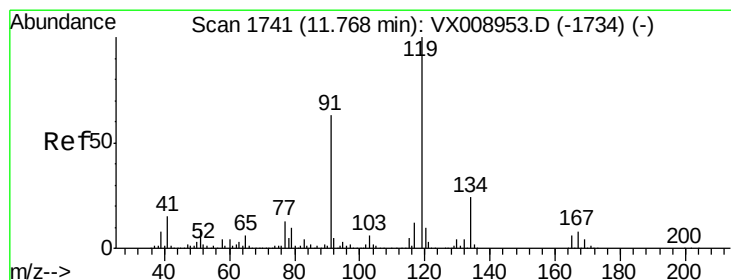
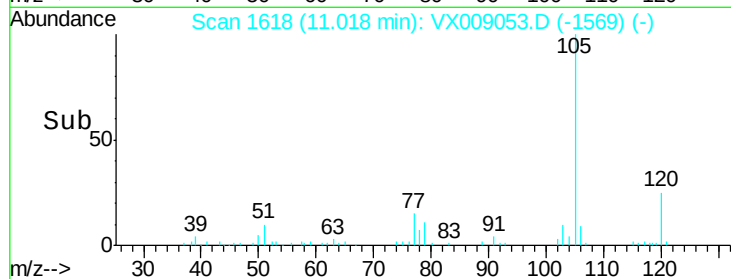
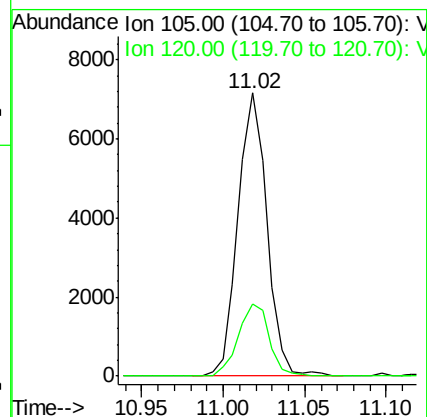
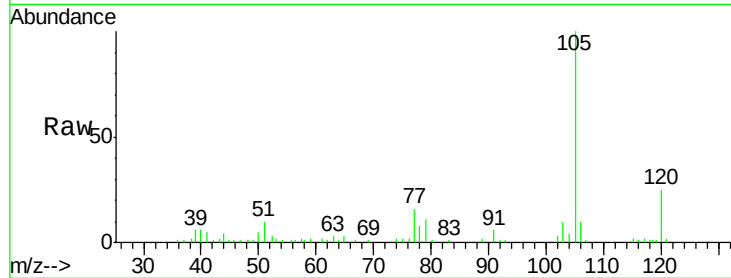
PZ-15

Tot Ion:105 Resp: 8857

Ion Ratio Lower Upper

105 100

120 27.2 12.9 38.7



#83

tert-Butylbenzene

Concen: 0.720 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009053.D

Acq: 18 Apr 2019 18:52

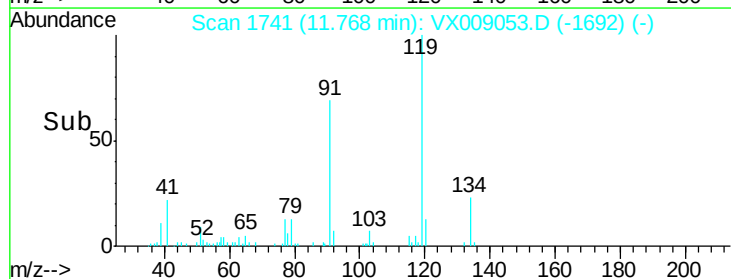
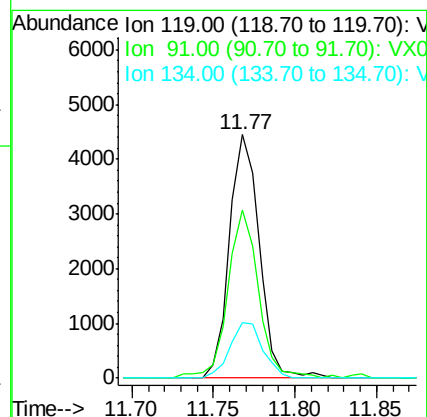
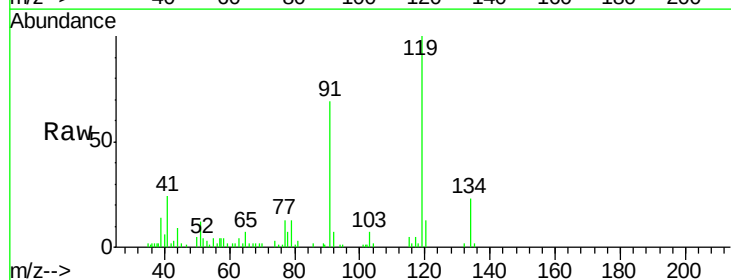
Tgt Ion:119 Resp: 5695

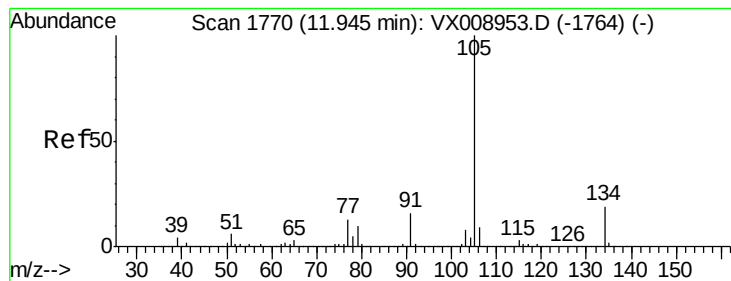
Ion Ratio Lower Upper

119 100

91 70.5 29.7 89.1

134 24.8 11.2 33.5





#85
 sec-Butylbenzene
 Concen: 1.026 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009053.D
 Acq: 18 Apr 2019 18:52

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-15

Tot Ion:105 Resp: 9689
 Ion Ratio Lower Upper
 105 100
 134 17.5 9.6 28.6

