

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011221.D
 Acq On : 31 Jul 2019 02:14
 Operator : JC/SP
 Sample : PB121803ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121803ZHE#01

Quant Time: Jul 31 09:43:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

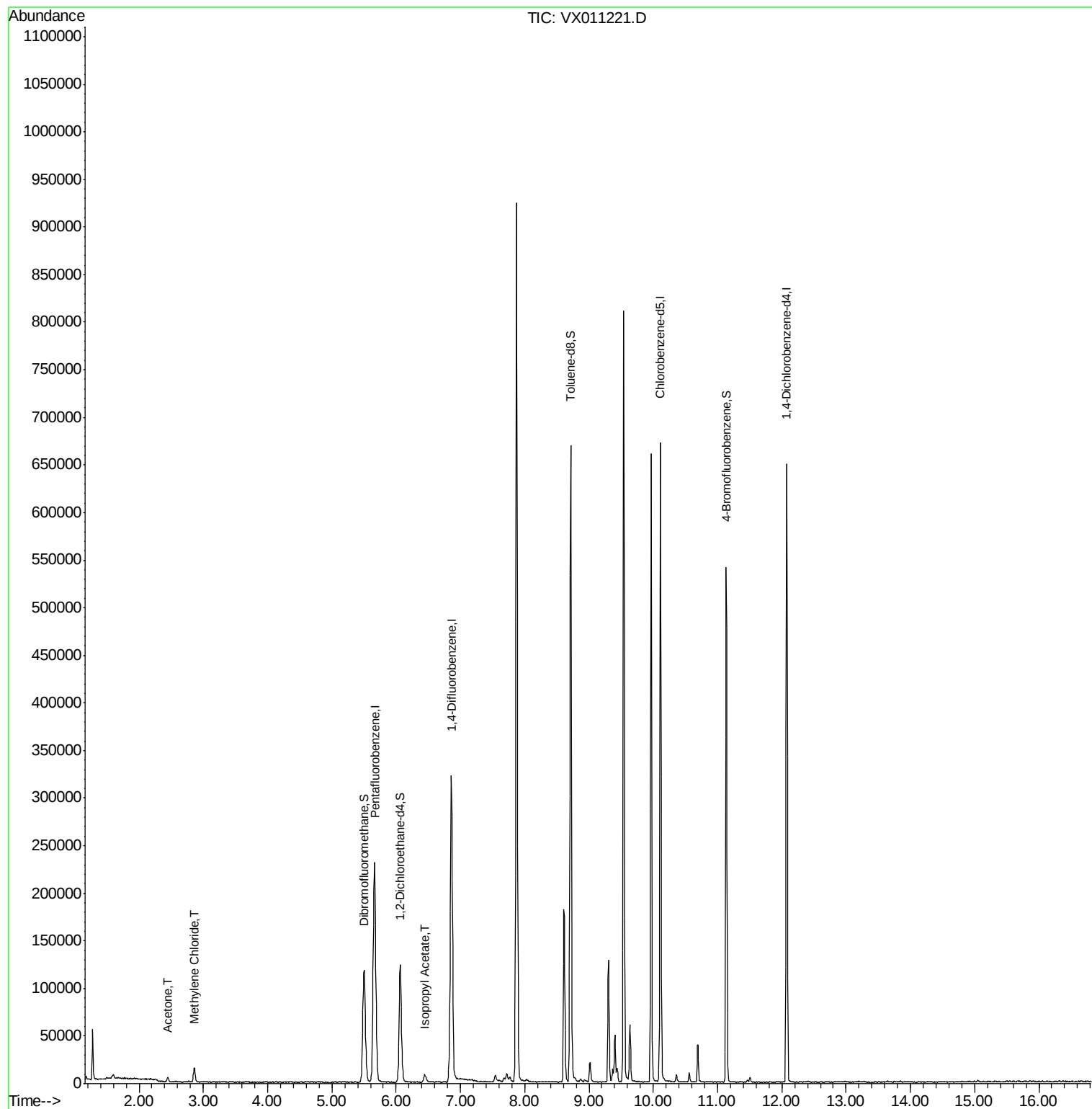
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333298	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140232	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115494	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
35) Dibromofluoromethane	5.50	113	98538	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
50) Toluene-d8	8.71	98	400222	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.13	95	135567	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
Target Compounds						
16) Acetone	2.45	43	5257	4.738	ug/l	100
20) Methylene Chloride	2.86	84	7180	3.053	ug/l	93
43) Isopropyl Acetate	6.44	43	11772	2.554	ug/l	98

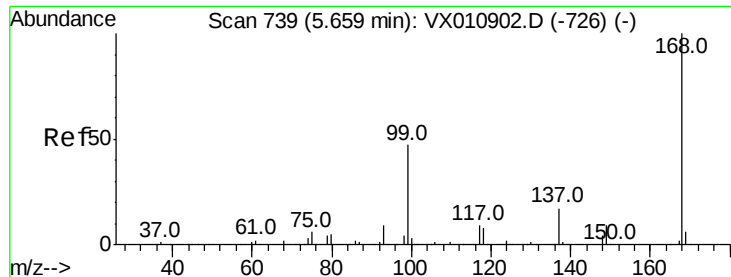
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011221.D

Acq: 31 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

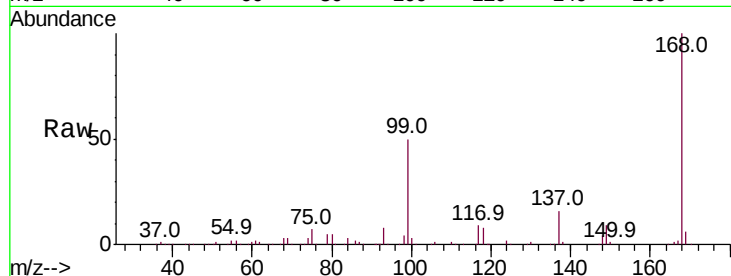
PB121803ZHE#01

Tot Ion:168 Resp: 230938

Ion Ratio Lower Upper

168 100

99 50.3 37.6 56.4

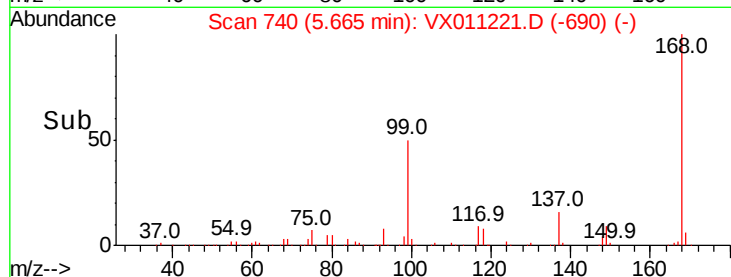


Abundance Ion 167.90 (167.60 to 168.60): V

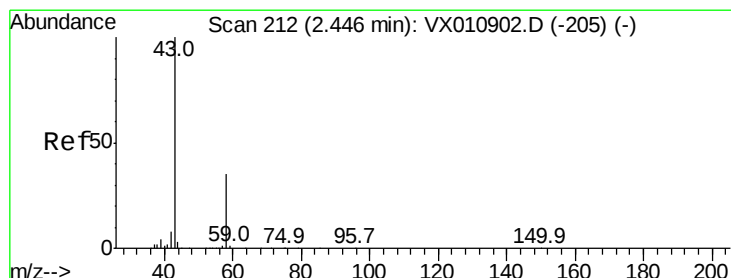
Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



Time-->



#16

Acetone

Concen: 4.738 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011221.D

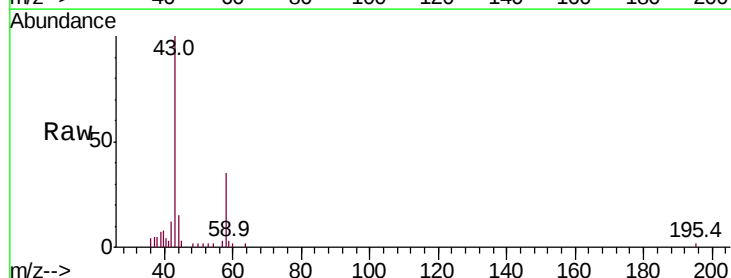
Acq: 31 Jul 2019 02:14

Tgt Ion: 43 Resp: 5257

Ion Ratio Lower Upper

43 100

58 34.6 27.7 41.5

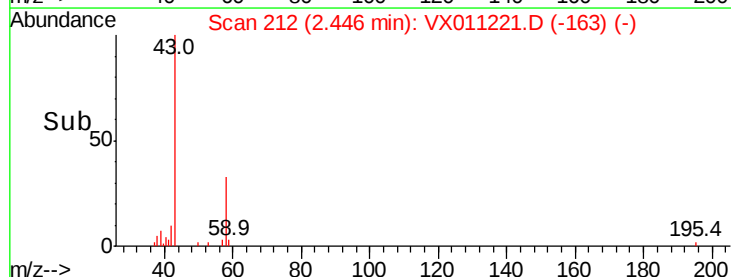


Abundance Ion 43.00 (42.70 to 43.70): VX0

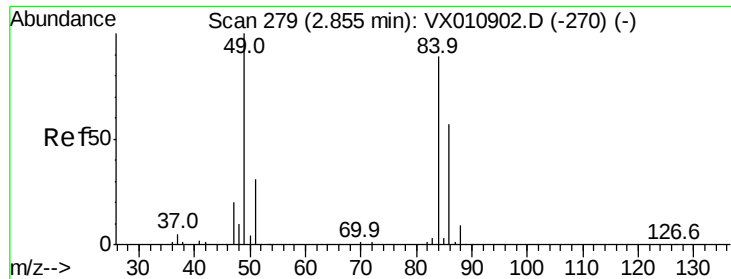
Ion 58.00 (57.70 to 58.70): VX0

2.45

Time-->



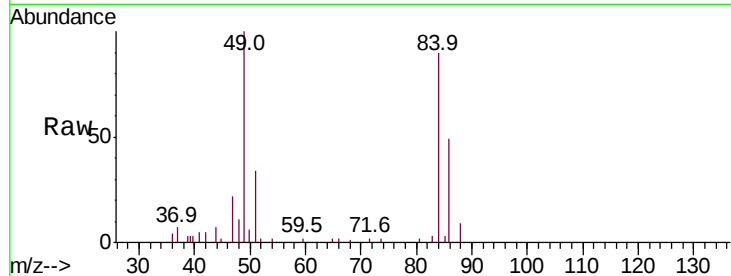
Time-->



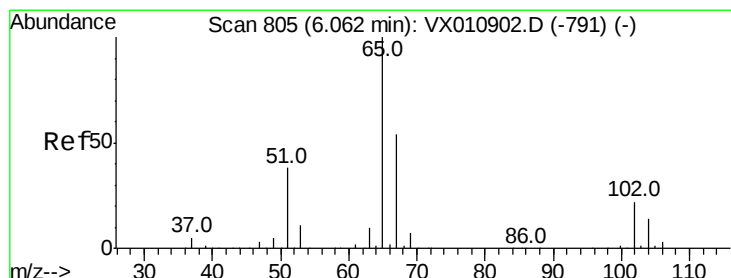
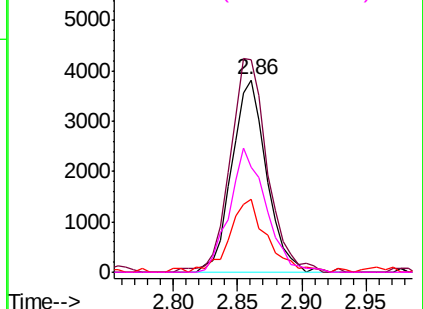
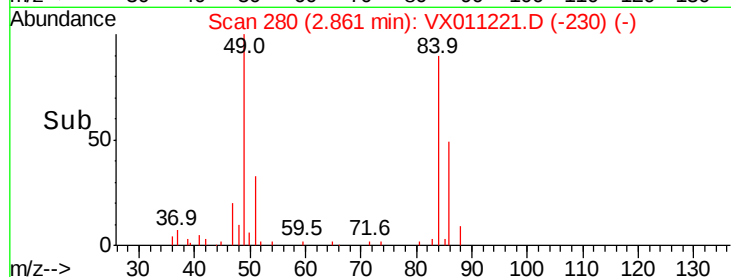
#20
Methylene Chloride
Concen: 3.053 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011221.D
Acq: 31 Jul 2019 02:14

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#01

Tot Ion: 84 Resp: 7180
Ion Ratio Lower Upper
84 100
49 108.9 89.9 134.9
51 38.1 27.8 41.6
86 54.5 51.8 77.6

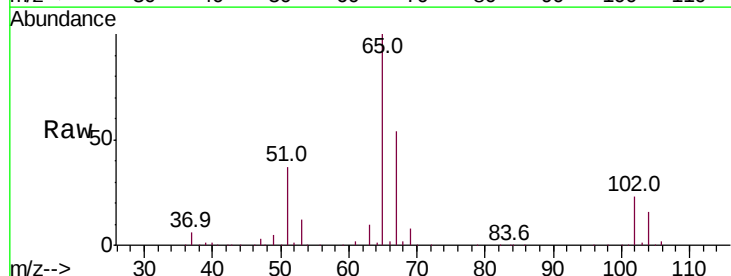


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

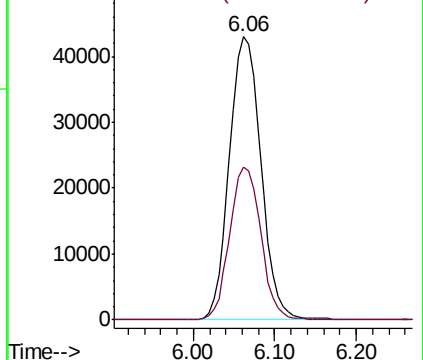
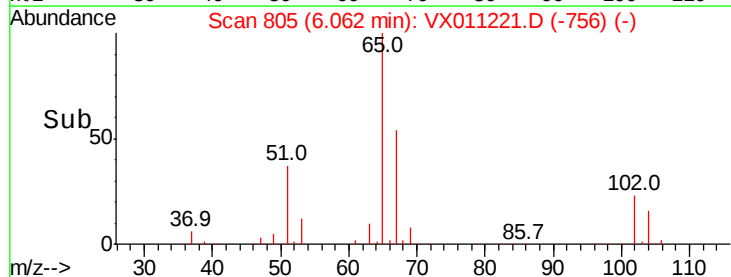


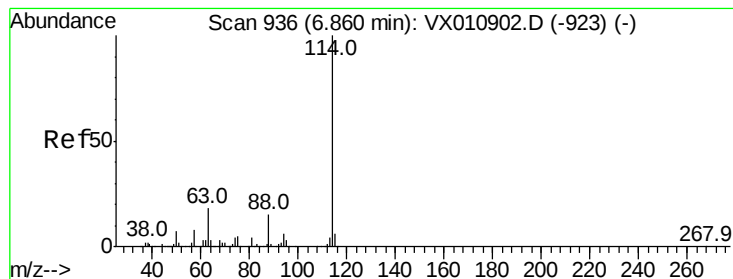
#33
1,2-Dichloroethane-d4
Concen: 47.009 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX011221.D
Acq: 31 Jul 2019 02:14

Tgt Ion: 65 Resp: 115494
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.8



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: VX011221.D

Acq: 31 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#01

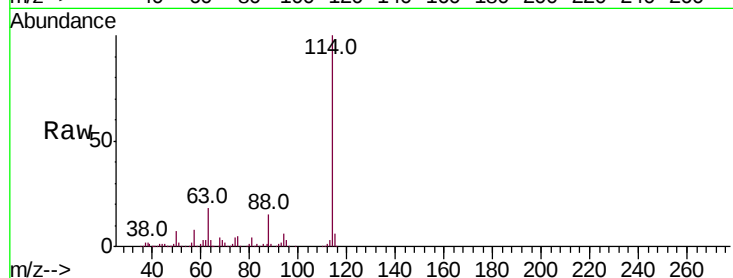
Tot Ion:114 Resp: 333298

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

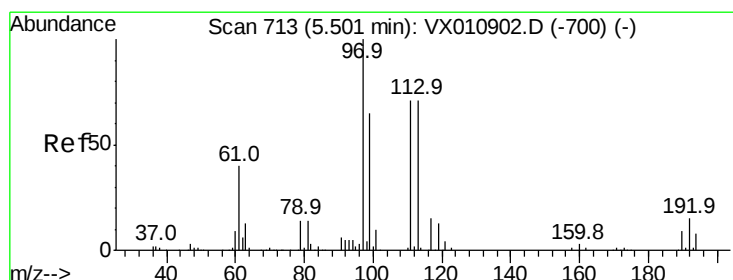
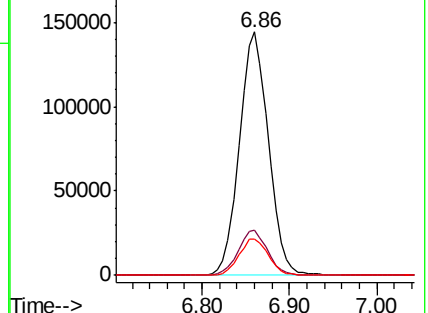
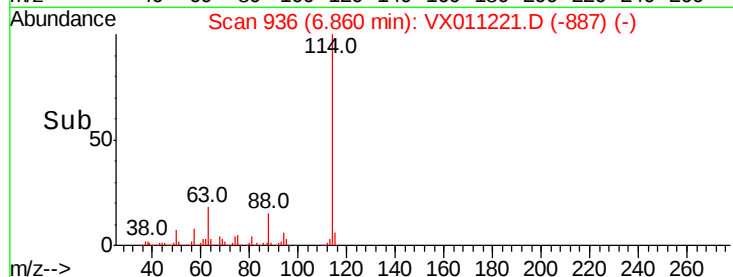
88 14.9 0.0 29.8



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: 46.579 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011221.D

Acq: 31 Jul 2019 02:14

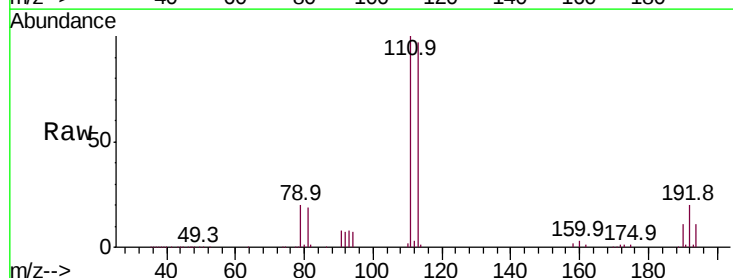
Tgt Ion:113 Resp: 98538

Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

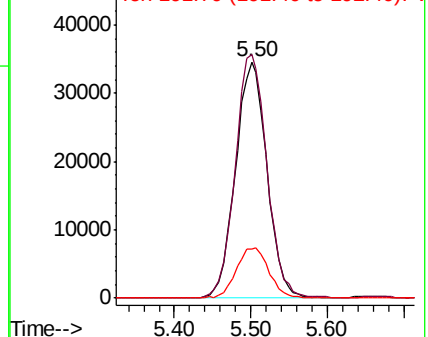
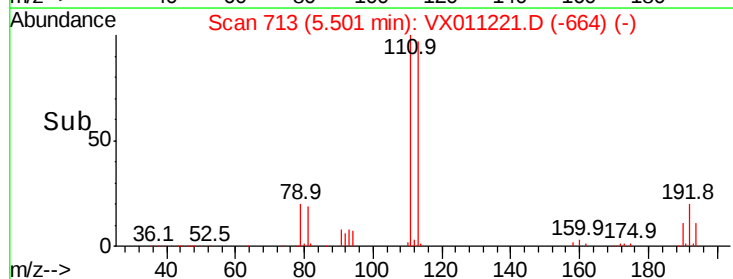
192 22.0 17.4 26.2

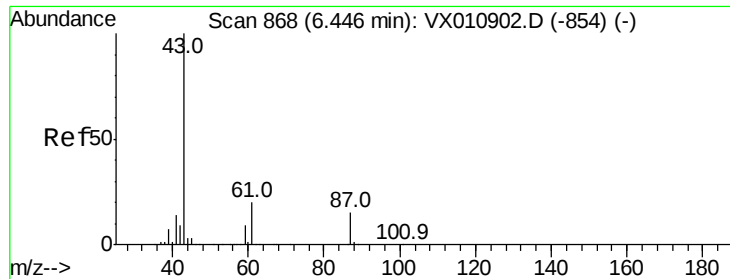


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.554 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011221.D

Acq: 31 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#01

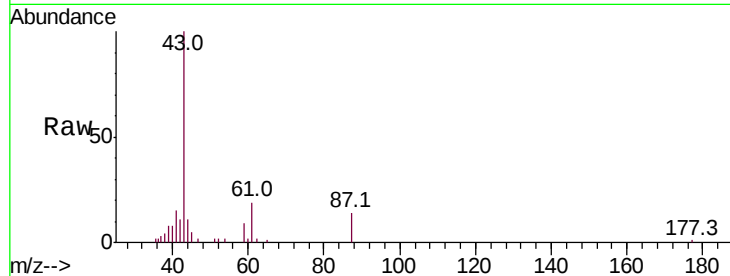
Tot Ion: 43 Resp: 11772

Ion Ratio Lower Upper

43 100

61 22.3 17.1 25.7

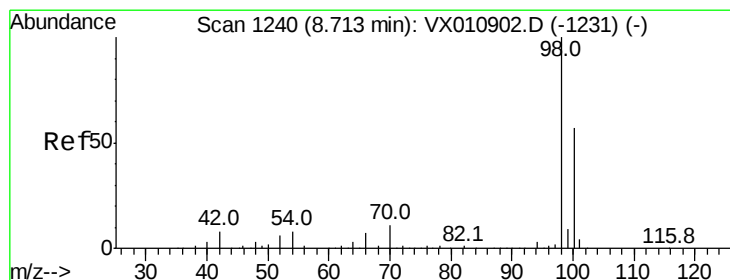
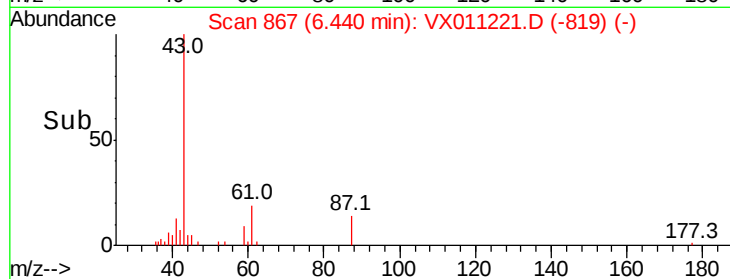
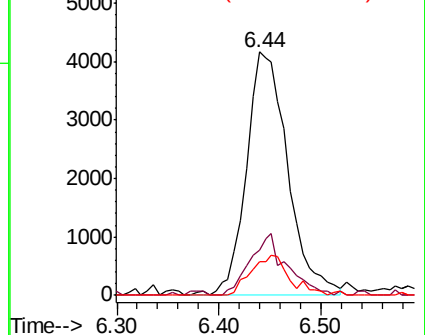
87 15.4 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 50.441 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011221.D

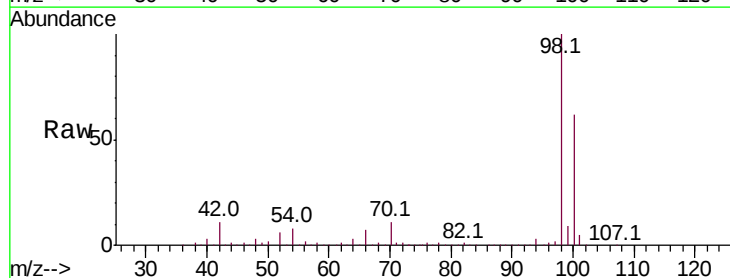
Acq: 31 Jul 2019 02:14

Tgt Ion: 98 Resp: 400222

Ion Ratio Lower Upper

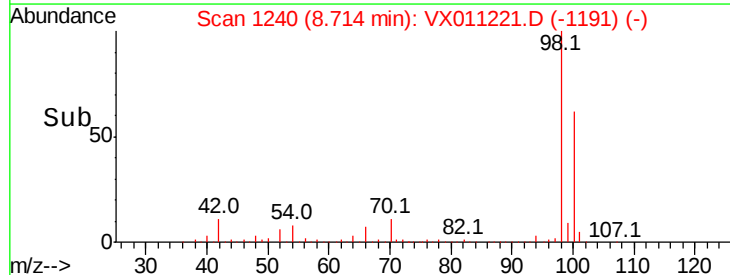
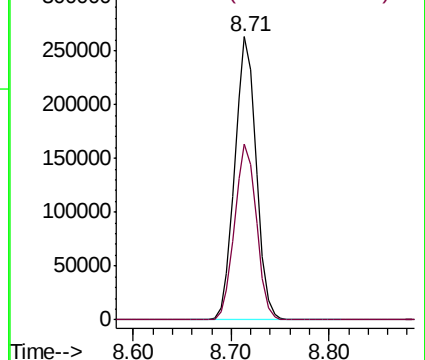
98 100

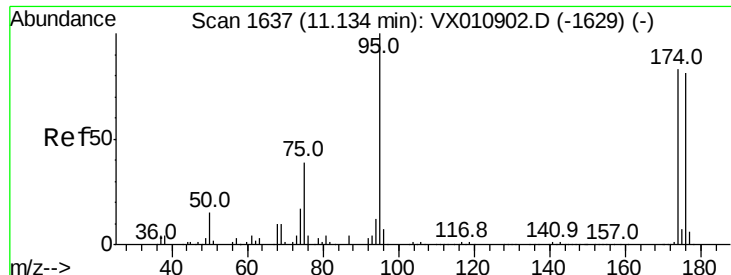
100 63.5 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.483 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011221.D

Acq: 31 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#01

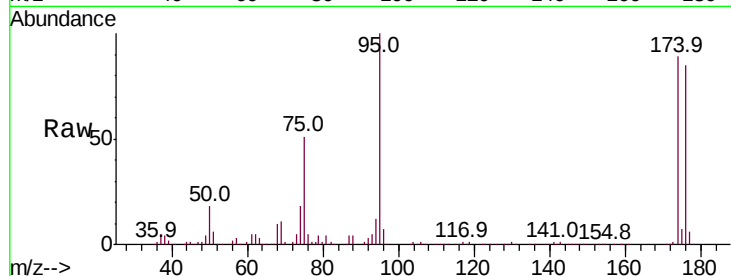
Tot Ion: 95 Resp: 135567

Ion Ratio Lower Upper

95 100

174 90.9 0.0 180.6

176 87.2 0.0 173.8

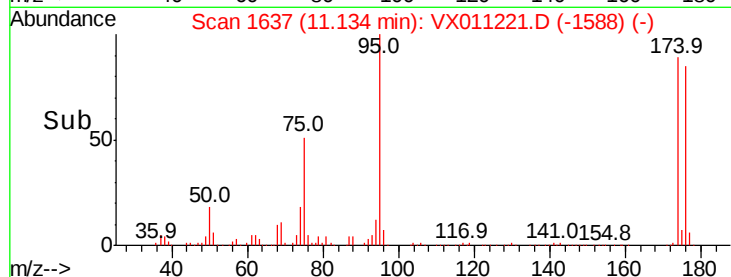


Abundance Ion 94.90 (94.60 to 95.60): VX010902.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX010902.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX010902.D (-1629) (-)

Time-->

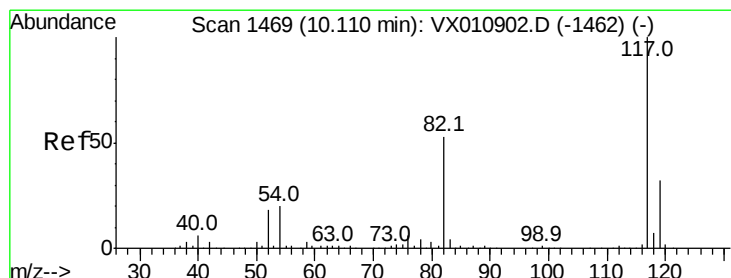


Abundance Ion 94.90 (94.60 to 95.60): VX011221.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011221.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011221.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011221.D

Acq: 31 Jul 2019 02:14

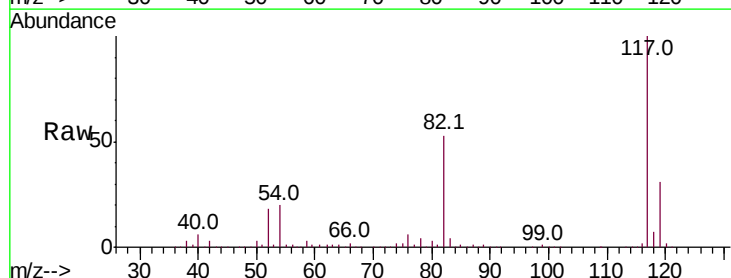
Tgt Ion: 117 Resp: 307635

Ion Ratio Lower Upper

117 100

82 53.4 42.6 63.8

119 31.1 25.9 38.9

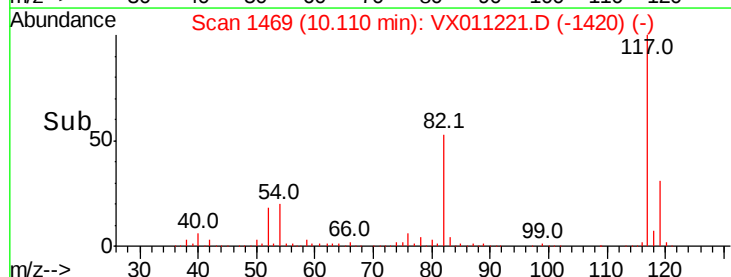


Abundance Ion 116.90 (116.60 to 117.60): VX010902.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010902.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010902.D (-1462) (-)

Time-->

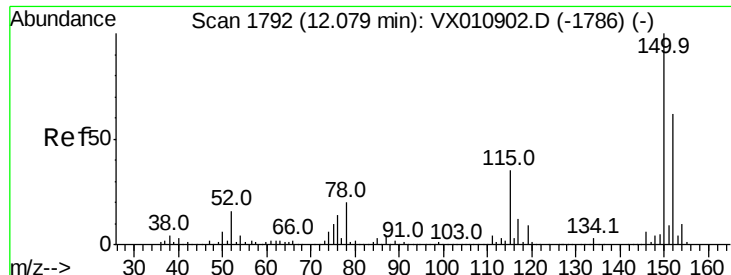


Abundance Ion 116.90 (116.60 to 117.60): VX011221.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011221.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011221.D (-1420) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011221.D

Acq: 31 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#01

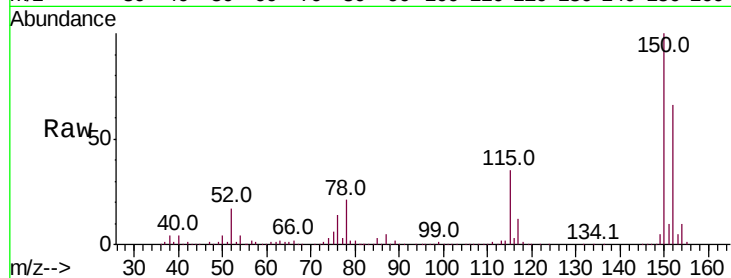
Tot Ion:152 Resp: 140232

Ion Ratio Lower Upper

152 100

115 56.3 39.7 119.1

150 155.8 0.0 345.6



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

