

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011112.D
 Acq On : 27 Jul 2019 00:46
 Operator : JC/SP
 Sample : PB121723TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121723TB

Quant Time: Jul 27 04:21:53 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

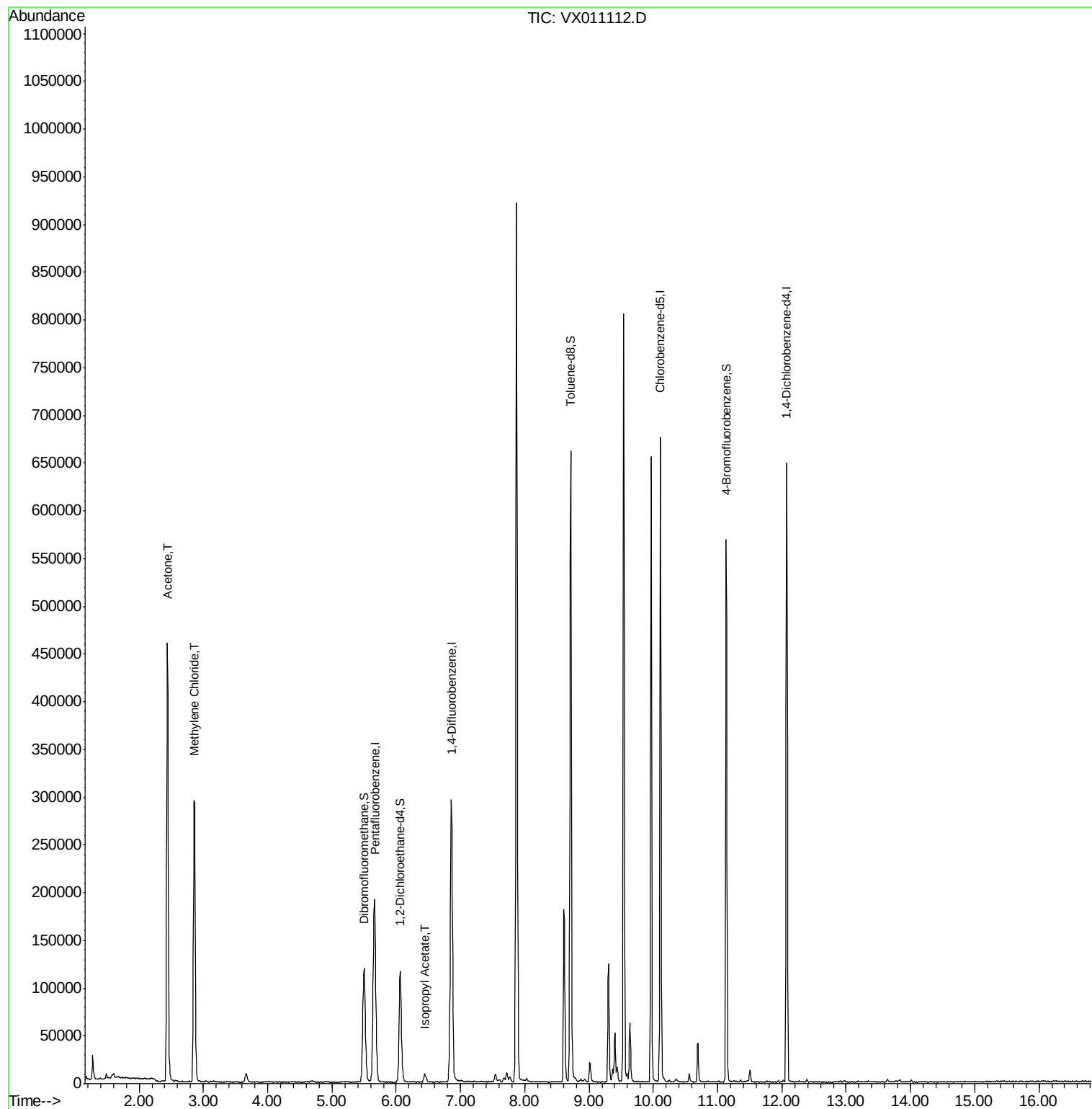
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108439	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
35) Dibromofluoromethane	5.50	113	98527	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
50) Toluene-d8	8.71	98	393220	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	11.13	95	136954	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
Target Compounds						
16) Acetone	2.44	43	471351	500.605	ug/l	97
20) Methylene Chloride	2.86	84	147947	74.145	ug/l	100
43) Isopropyl Acetate	6.44	43	12309	2.797	ug/l	98

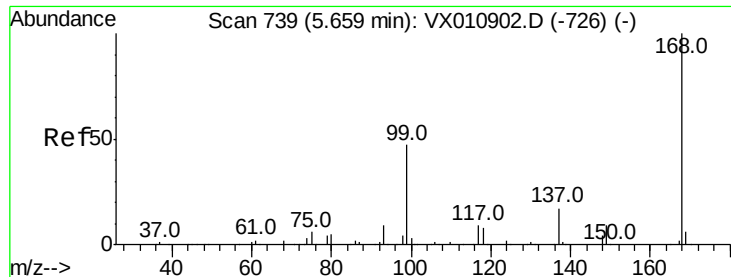
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

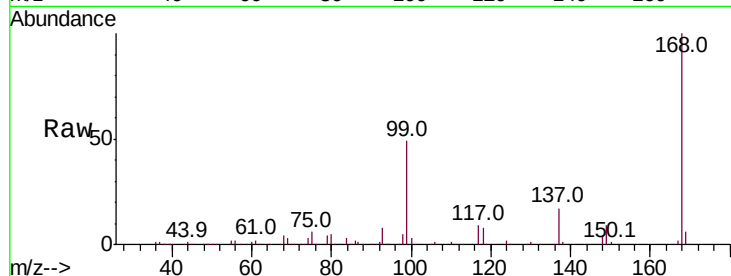
PB121723TB

Tot Ion:168 Resp: 195961

Ion Ratio Lower Upper

168 100

99 49.5 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

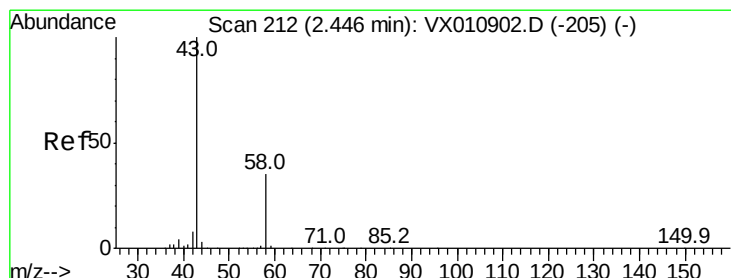
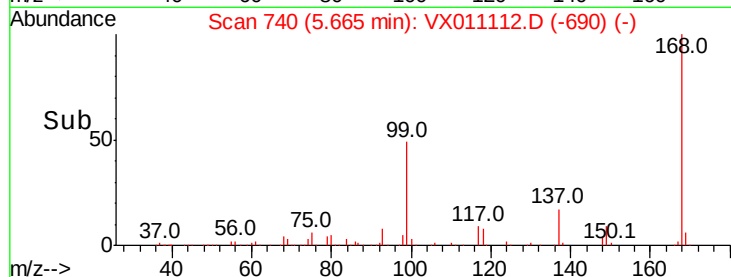
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 500.605 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011112.D

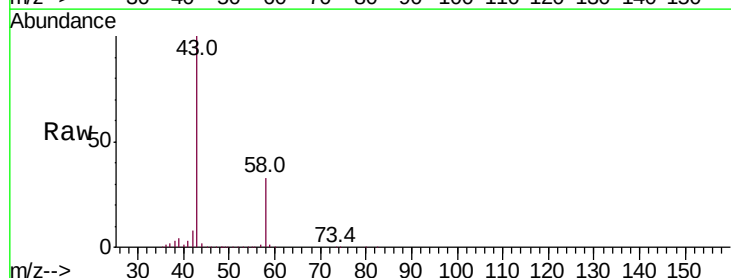
Acq: 27 Jul 2019 00:46

Tgt Ion: 43 Resp: 471351

Ion Ratio Lower Upper

43 100

58 32.7 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

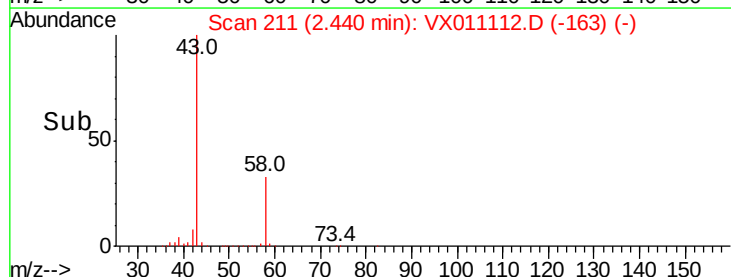
300000

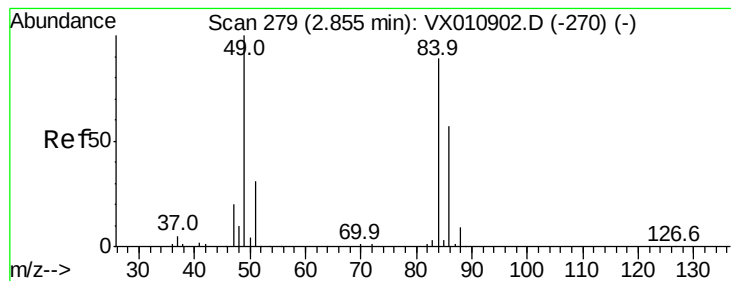
200000

100000

0

Time--> 2.40 2.50





#20

Methylene Chloride

Concen: 74.145 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

PB121723TB

Tot Ion: 84 Resp: 147947

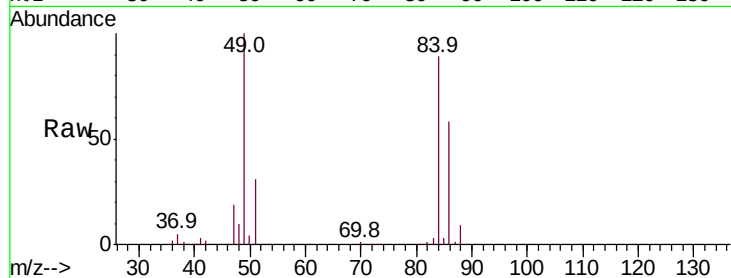
Ion Ratio Lower Upper

84 100

49 112.3 89.9 134.9

51 34.9 27.8 41.6

86 64.8 51.8 77.6

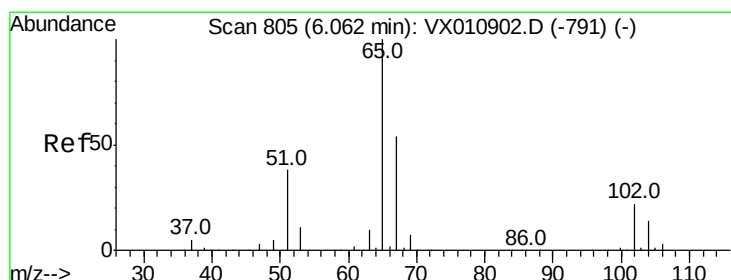
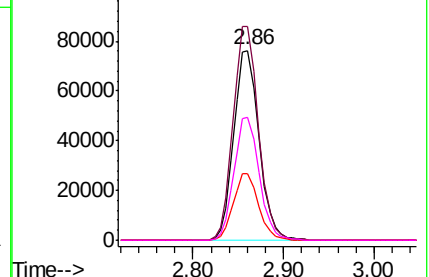
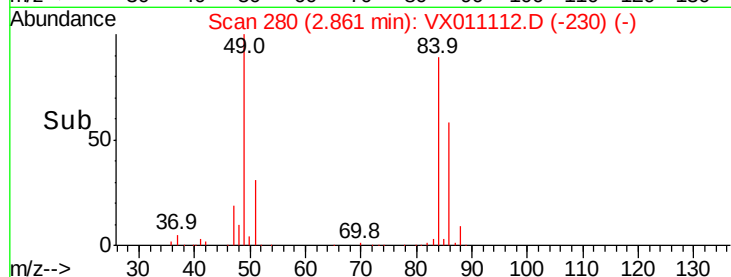


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 52.016 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011112.D

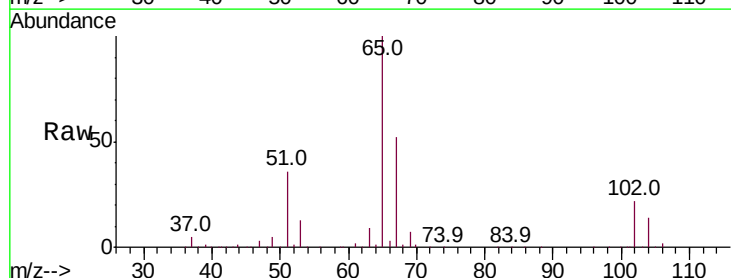
Acq: 27 Jul 2019 00:46

Tgt Ion: 65 Resp: 108439

Ion Ratio Lower Upper

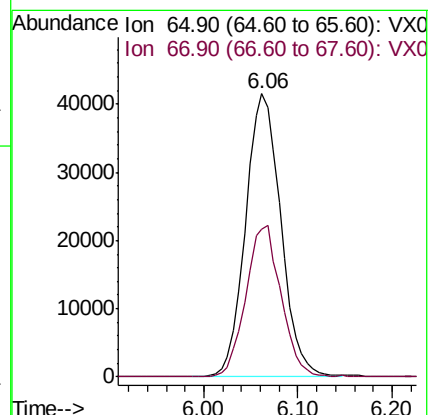
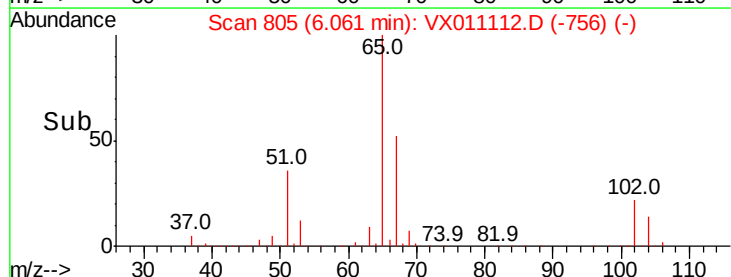
65 100

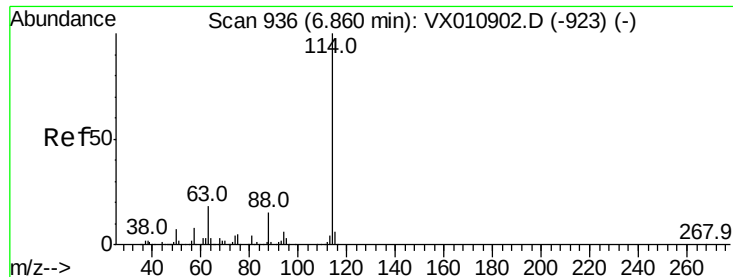
67 53.2 0.0 107.8



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: VX011112.D

Acq: 27 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

PB121723TB

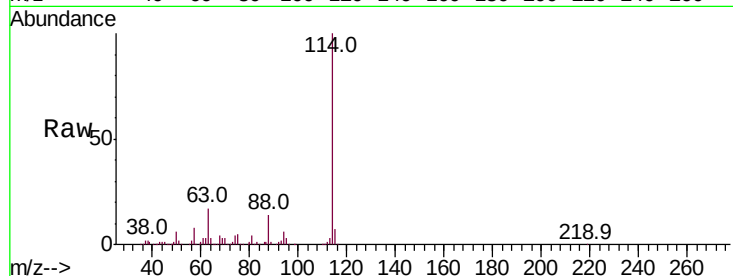
Tot Ion:114 Resp: 318243

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.6

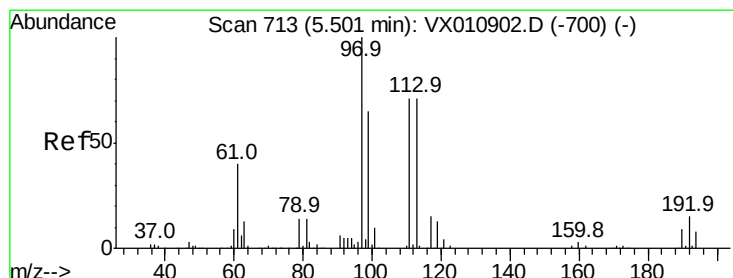
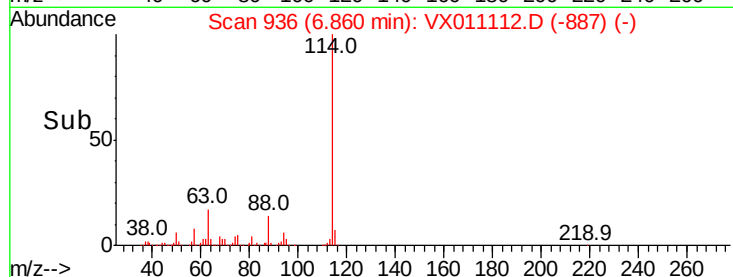
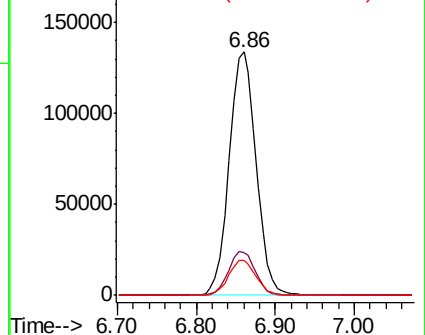
88 14.2 0.0 29.8



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: 48.777 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

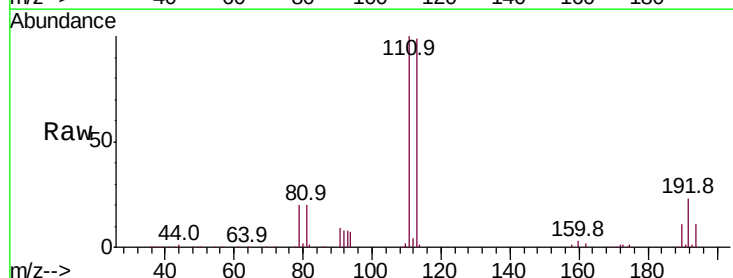
Tgt Ion:113 Resp: 98527

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

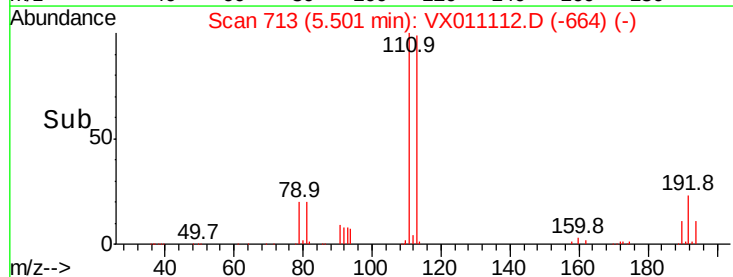
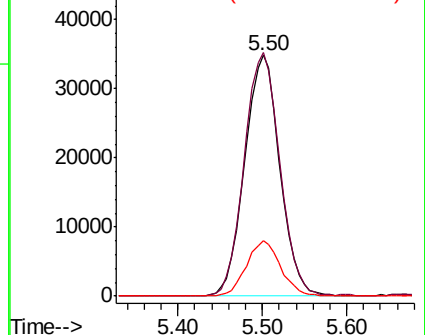
192 22.5 17.4 26.2

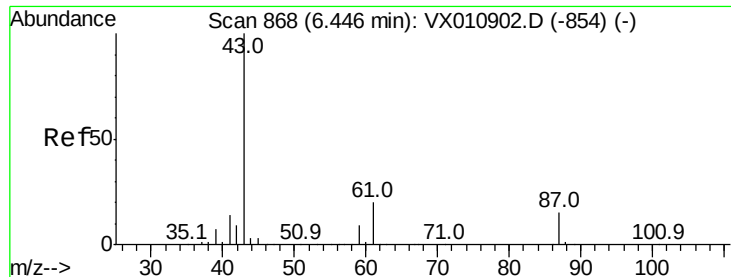


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.797 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

PB121723TB

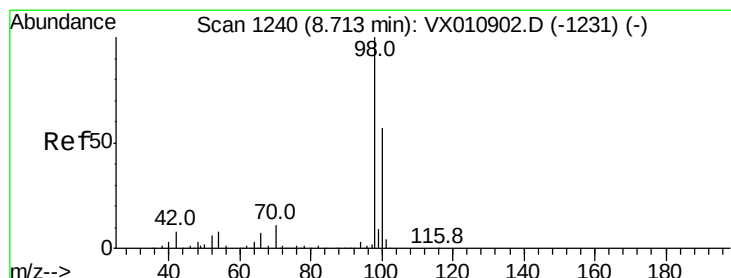
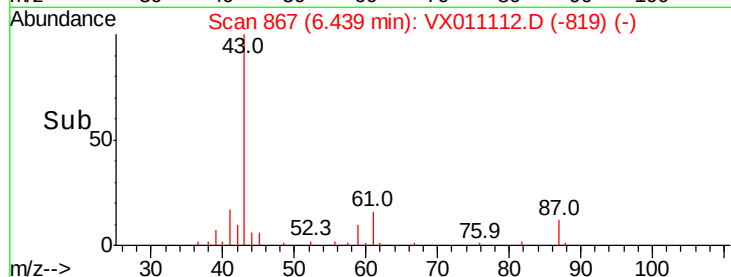
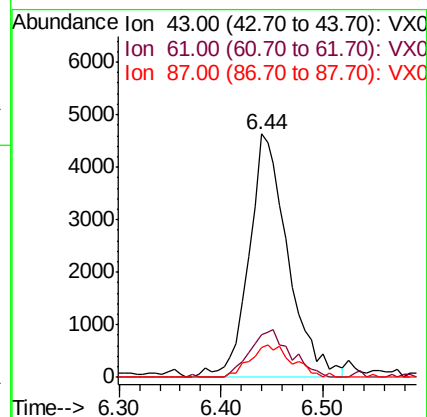
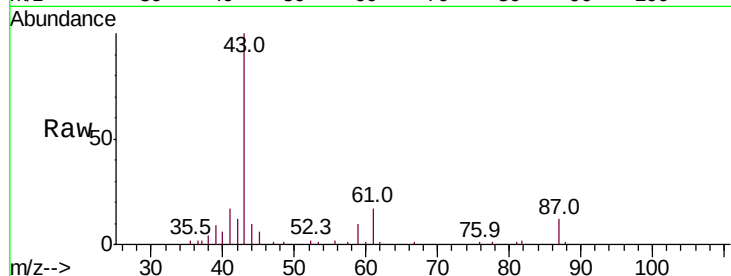
Tot Ion: 43 Resp: 12309

Ion Ratio Lower Upper

43 100

61 20.2 17.1 25.7

87 14.4 12.0 18.0



#50

Toluene-d8

Concen: 51.903 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011112.D

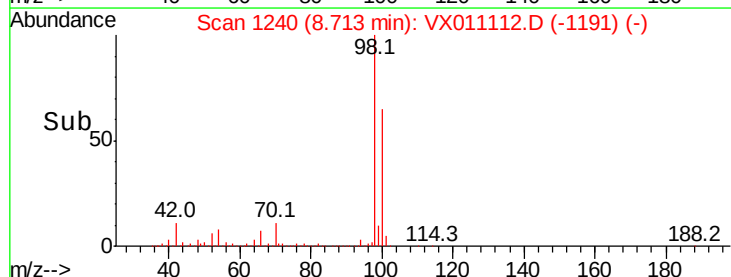
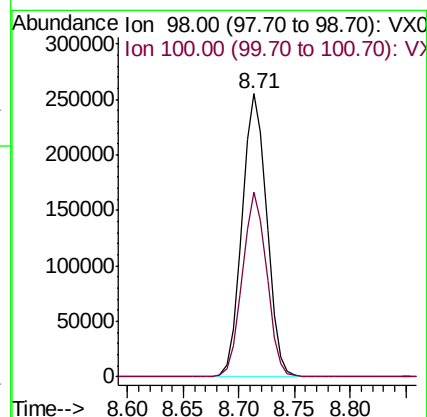
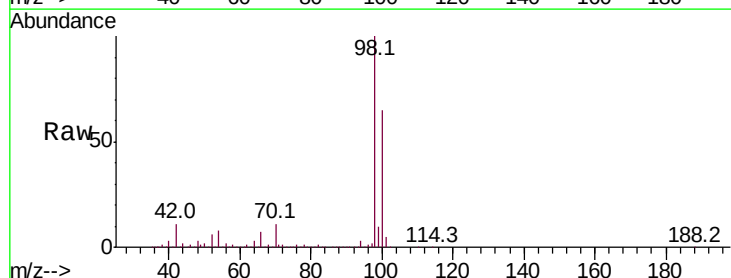
Acq: 27 Jul 2019 00:46

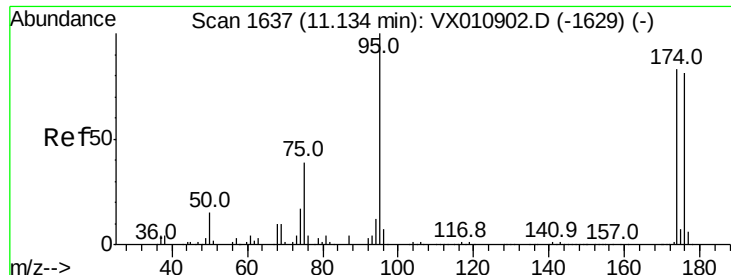
Tgt Ion: 98 Resp: 393220

Ion Ratio Lower Upper

98 100

100 64.2 50.6 75.8





#62

4-Bromofluorobenzene

Concen: 49.180 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

PB121723TB

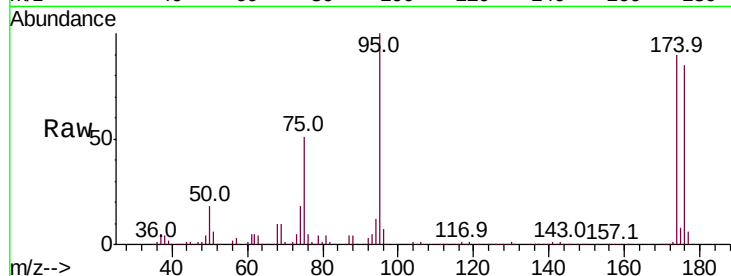
Tot Ion: 95 Resp: 136954

Ion Ratio Lower Upper

95 100

174 92.9 0.0 180.6

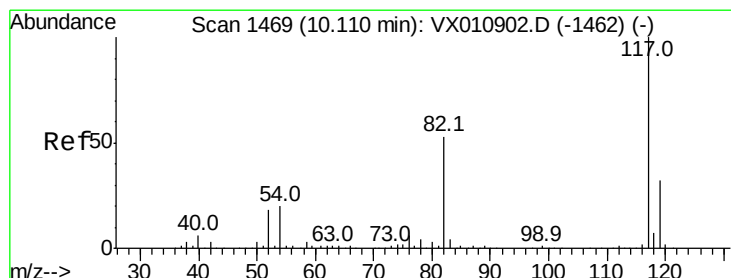
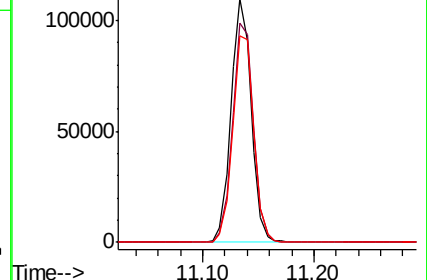
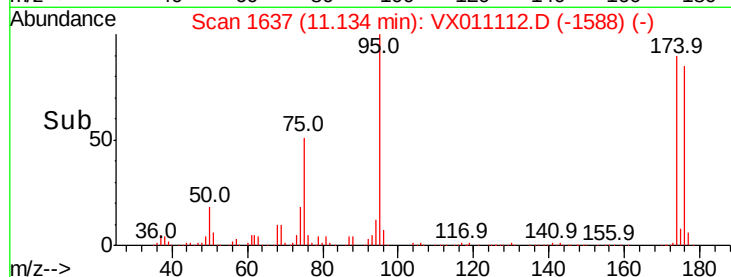
176 88.7 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011112.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011112.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011112.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

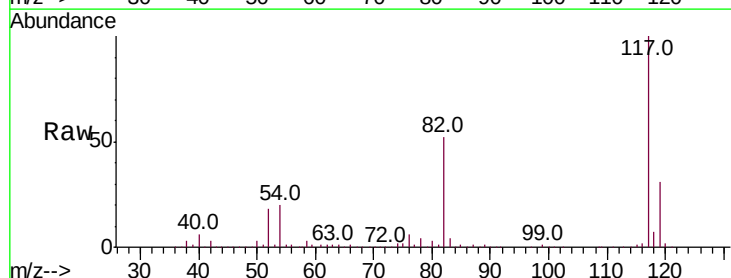
Tgt Ion: 117 Resp: 307977

Ion Ratio Lower Upper

117 100

82 52.2 42.6 63.8

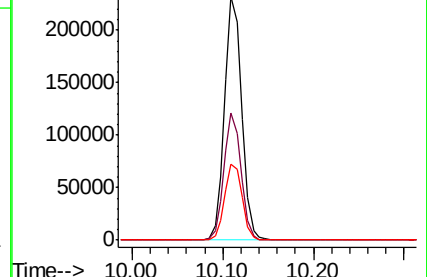
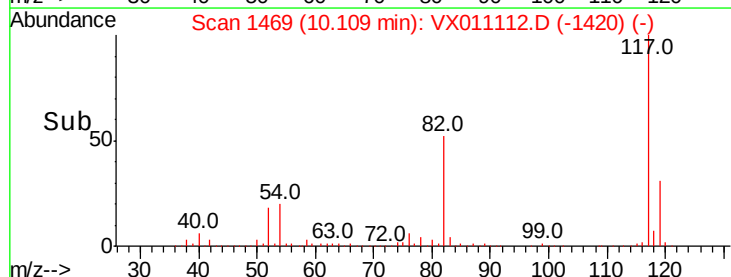
119 31.3 25.9 38.9

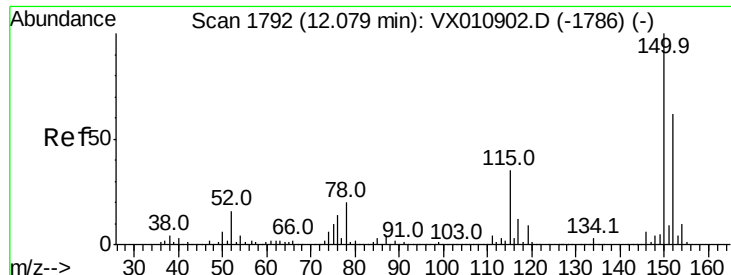


Abundance Ion 116.90 (116.60 to 117.60): VX011112.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011112.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011112.D (-1420) (-)

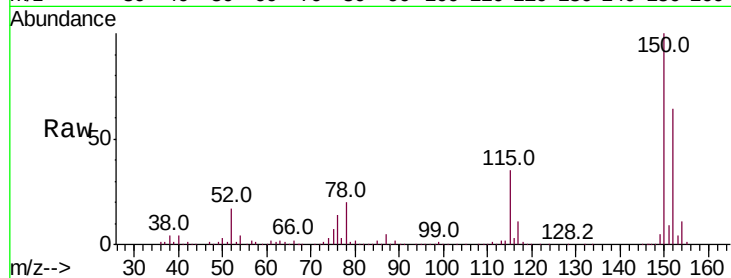




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011112.D
 Acq: 27 Jul 2019 00:46

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121723TB

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.8	39.7	119.1
150	156.4	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

