

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011220.D
 Acq On : 31 Jul 2019 01:51
 Operator : JC/SP
 Sample : PB121803TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121803TB

Quant Time: Jul 31 09:42:34 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

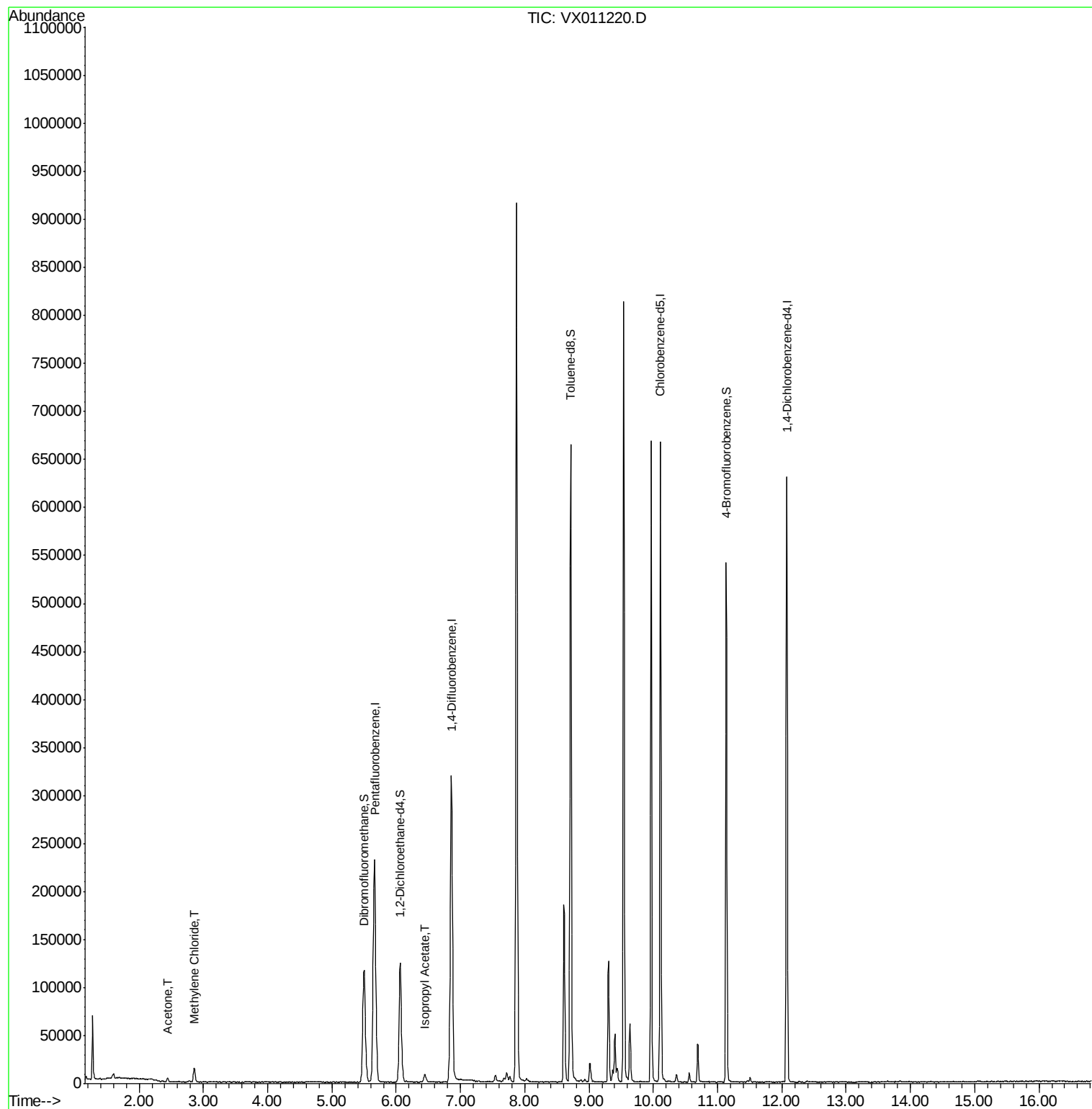
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	231720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335524	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	299261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	116122	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
35) Dibromofluoromethane	5.50	113	98252	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
50) Toluene-d8	8.71	98	395746	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	11.13	95	132374	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.18%	
Target Compounds						
16) Acetone	2.45	43	5014	4.503	ug/l #	84
20) Methylene Chloride	2.85	84	7509	3.182	ug/l	97
43) Isopropyl Acetate	6.45	43	11733	2.528	ug/l	99

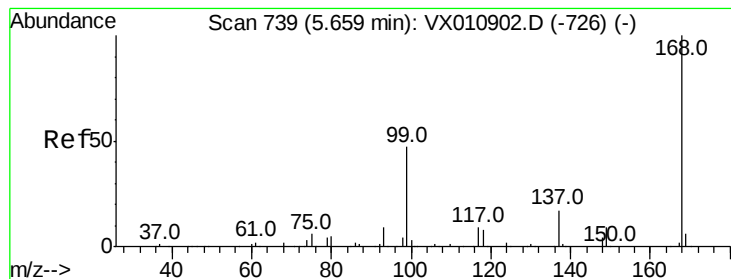
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011220.D

Acq: 31 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

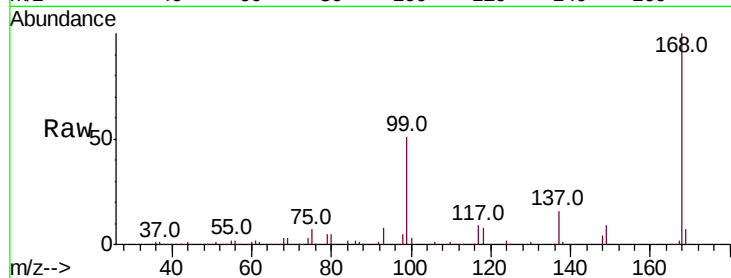
PB121803TB

Tot Ion:168 Resp: 231720

Ion Ratio Lower Upper

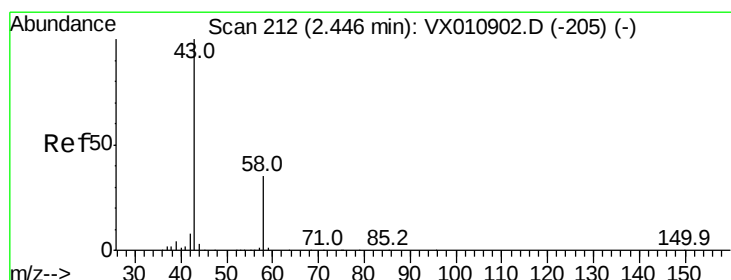
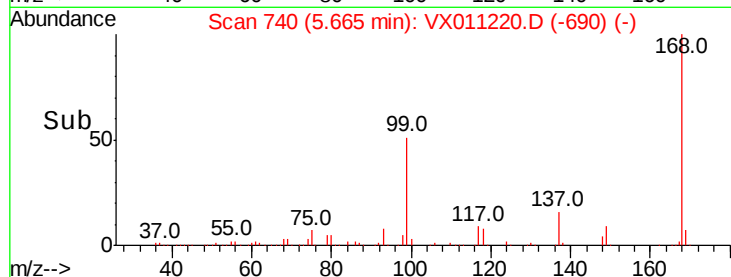
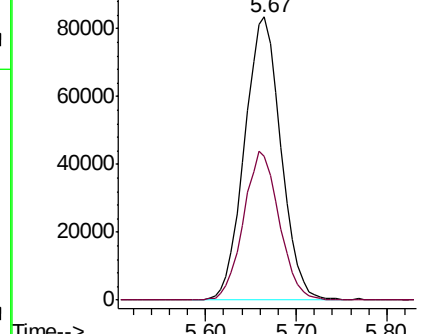
168 100

99 50.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.503 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011220.D

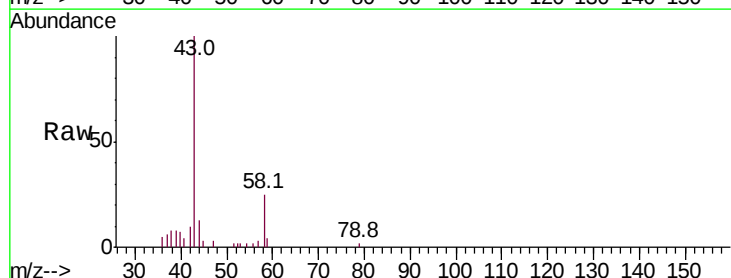
Acq: 31 Jul 2019 01:51

Tgt Ion: 43 Resp: 5014

Ion Ratio Lower Upper

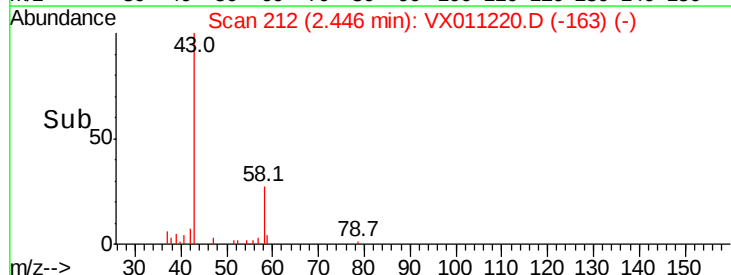
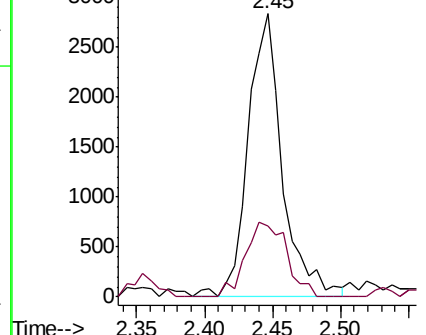
43 100

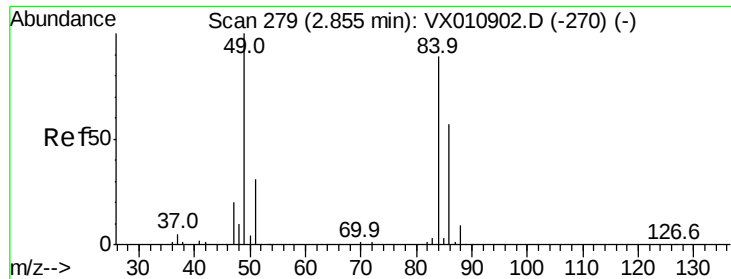
58 25.1 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

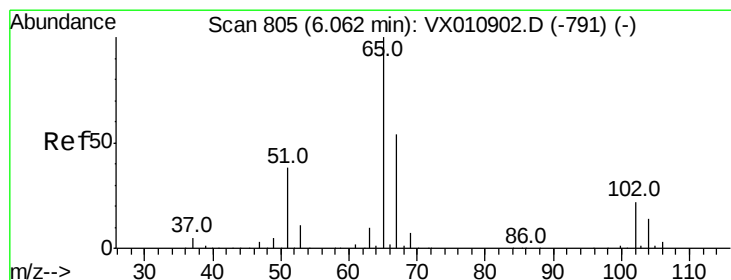
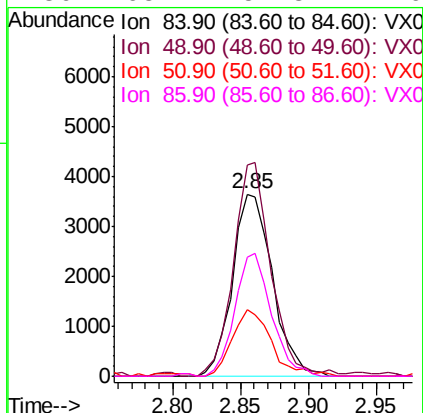
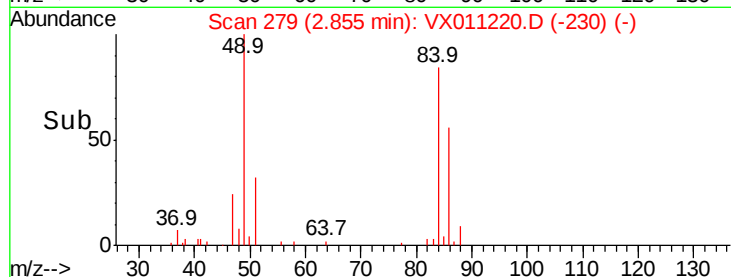
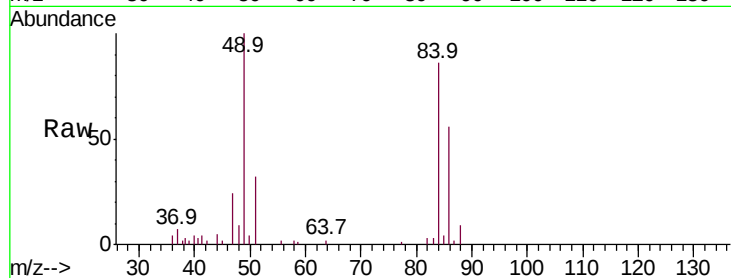




#20
Methylene Chloride
Concen: 3.182 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

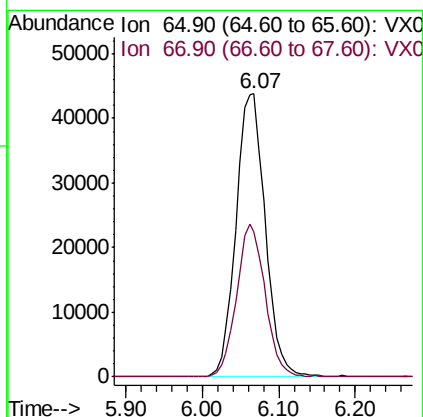
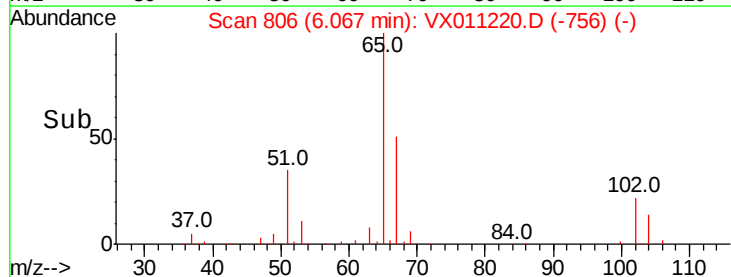
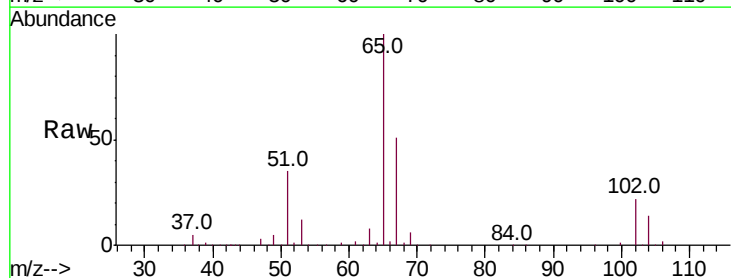
Instrument :
MSVOA_X
ClientSampled :
PB121803TB

Tot Ion: 84 Resp: 7509
Ion Ratio Lower Upper
84 100
49 115.9 89.9 134.9
51 36.6 27.8 41.6
86 65.2 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 47.105 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Tgt Ion: 65 Resp: 116122
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011220.D

Acq: 31 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

PB121803TB

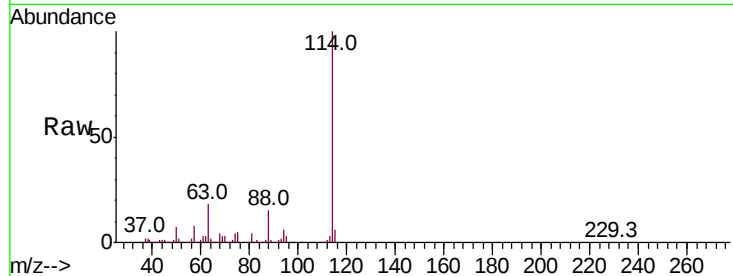
Tot Ion:114 Resp: 33524

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

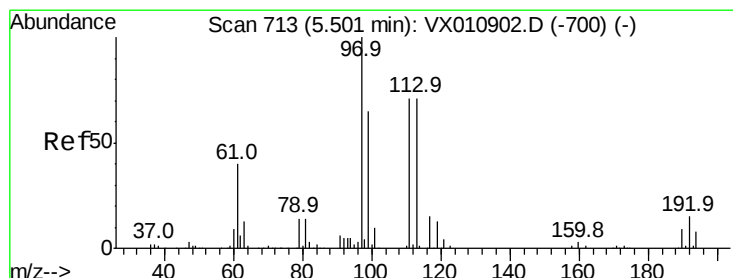
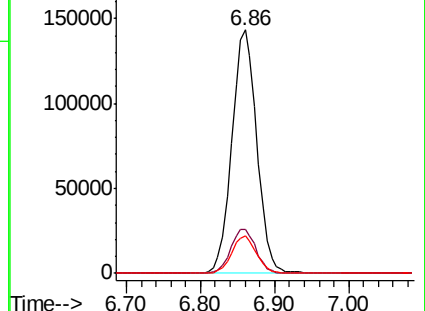
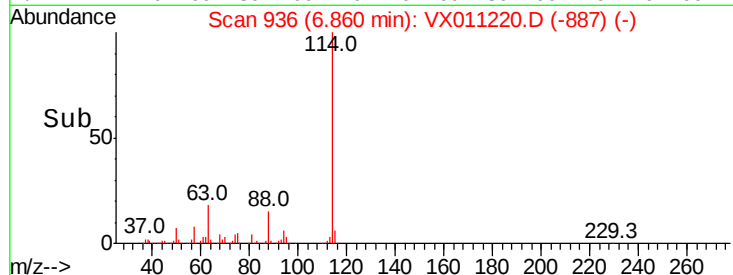
88 15.2 0.0 29.8



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: 46.135 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011220.D

Acq: 31 Jul 2019 01:51

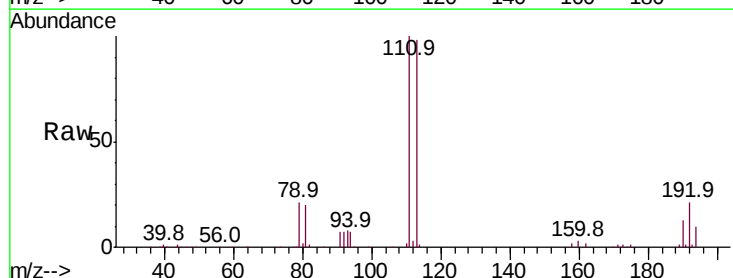
Tgt Ion:113 Resp: 98252

Ion Ratio Lower Upper

113 100

111 100.6 82.3 123.5

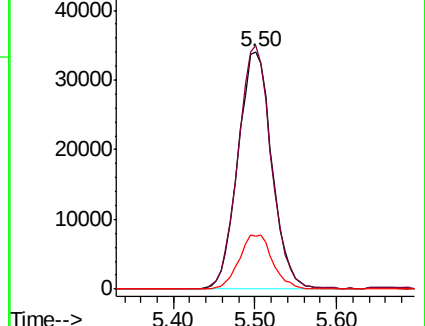
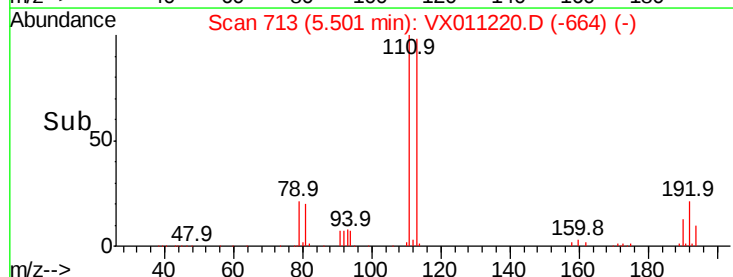
192 22.7 17.4 26.2

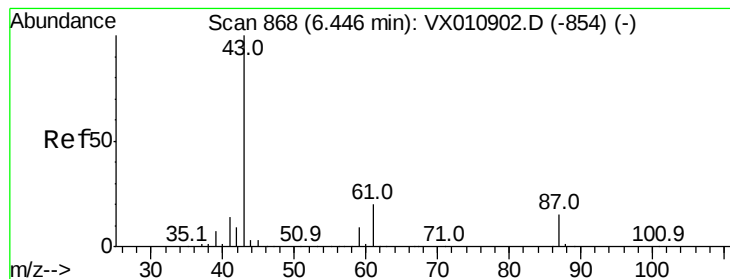


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.528 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX011220.D

Acq: 31 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

PB121803TB

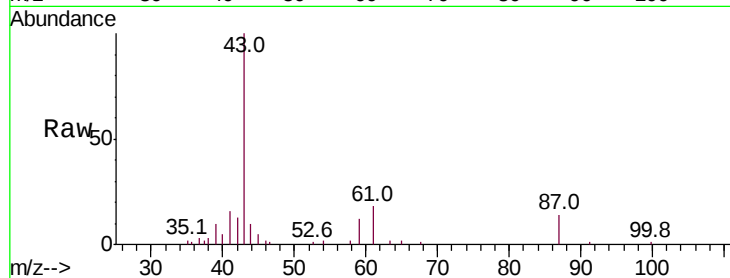
Tot Ion: 43 Resp: 11733

Ion Ratio Lower Upper

43 100

61 22.4 17.1 25.7

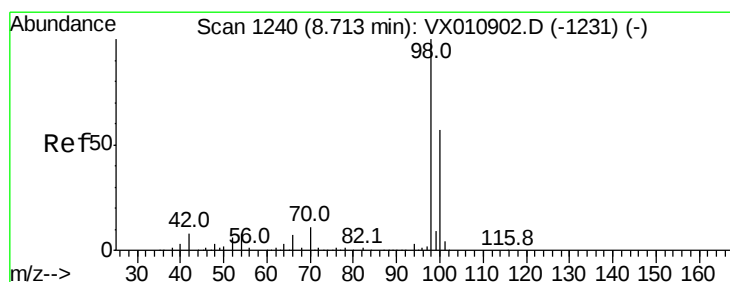
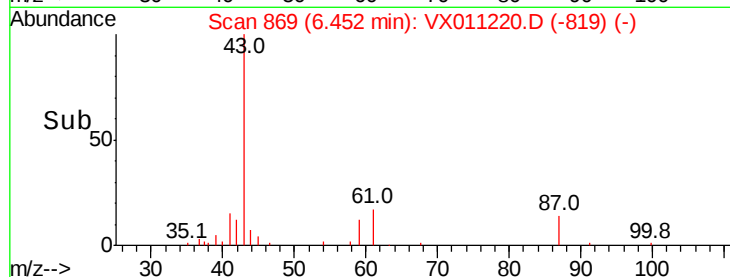
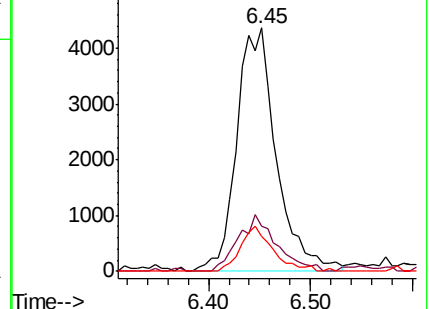
87 15.1 12.0 18.0



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: 49.546 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011220.D

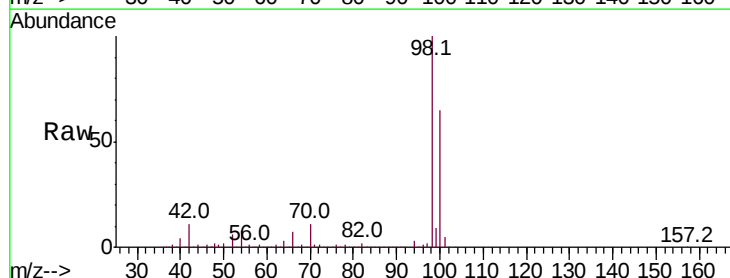
Acq: 31 Jul 2019 01:51

Tgt Ion: 98 Resp: 395746

Ion Ratio Lower Upper

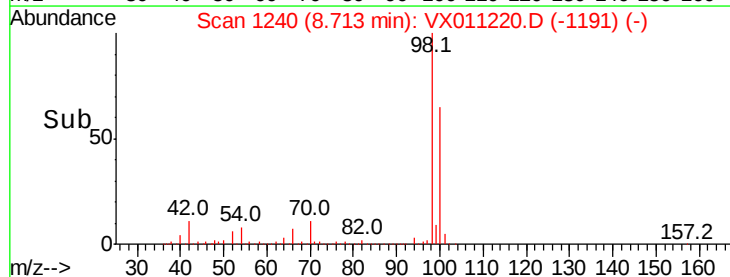
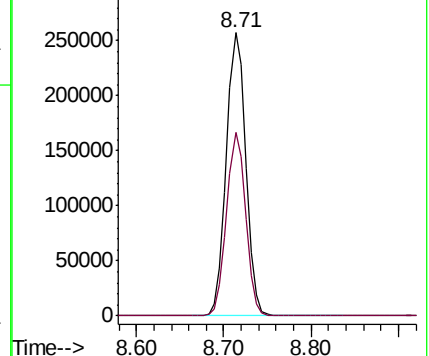
98 100

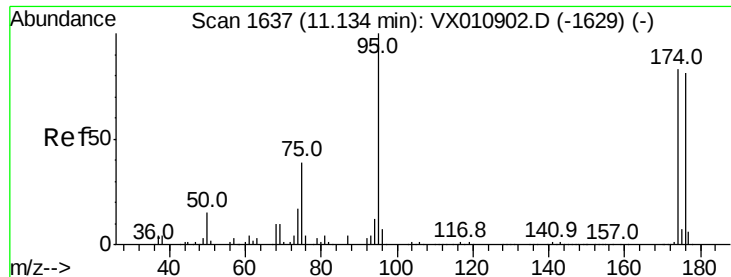
100 63.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.087 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011220.D

Acq: 31 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

PB121803TB

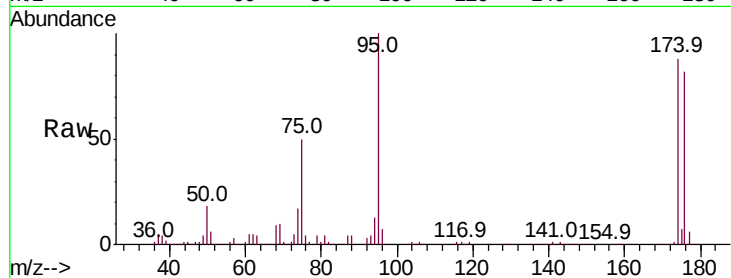
Tot Ion: 95 Resp: 132374

Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.6

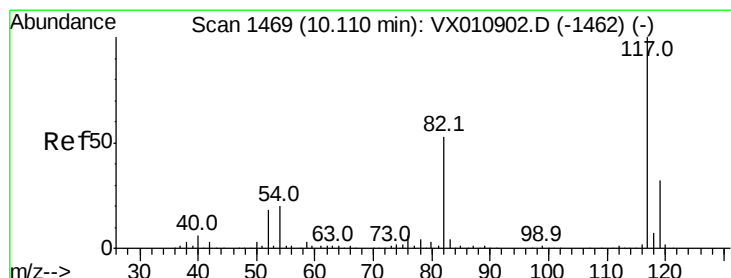
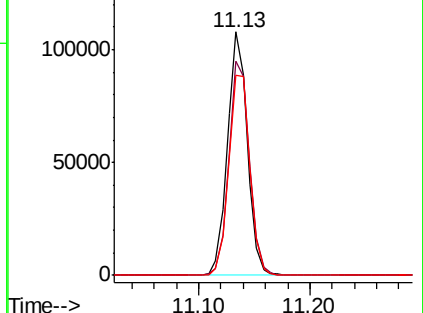
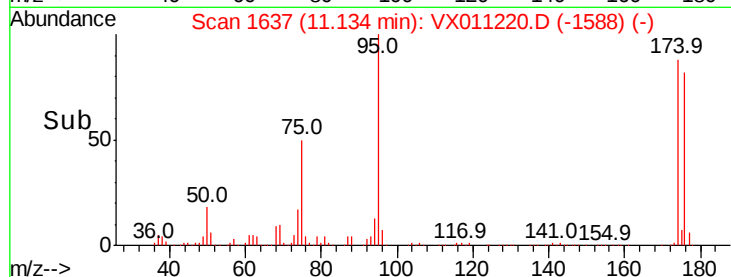
176 88.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011220.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011220.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011220.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011220.D

Acq: 31 Jul 2019 01:51

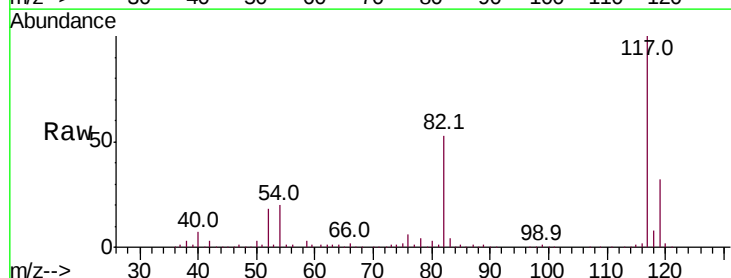
Tgt Ion: 117 Resp: 299261

Ion Ratio Lower Upper

117 100

82 52.7 42.6 63.8

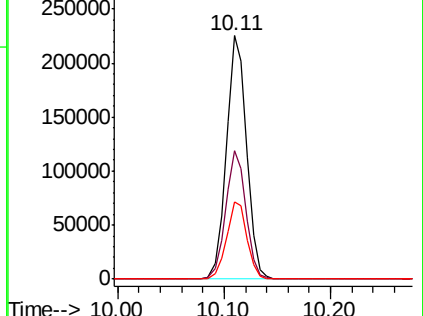
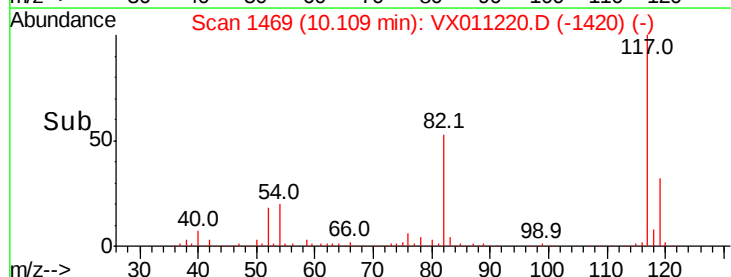
119 31.5 25.9 38.9

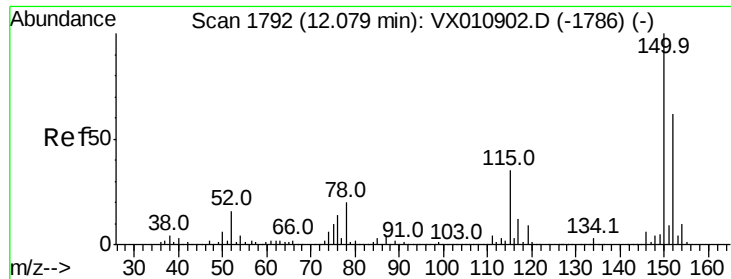


Abundance Ion 116.90 (116.60 to 117.60): VX011220.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011220.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011220.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: VX011220.D
 Acq: 31 Jul 2019 01:51

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121803TB

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.7	119.1
150	158.6	0.0	345.6

