

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011222.D
 Acq On : 31 Jul 2019 02:38
 Operator : JC/SP
 Sample : PB121803ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121803ZHE#02

Quant Time: Jul 31 09:45:08 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

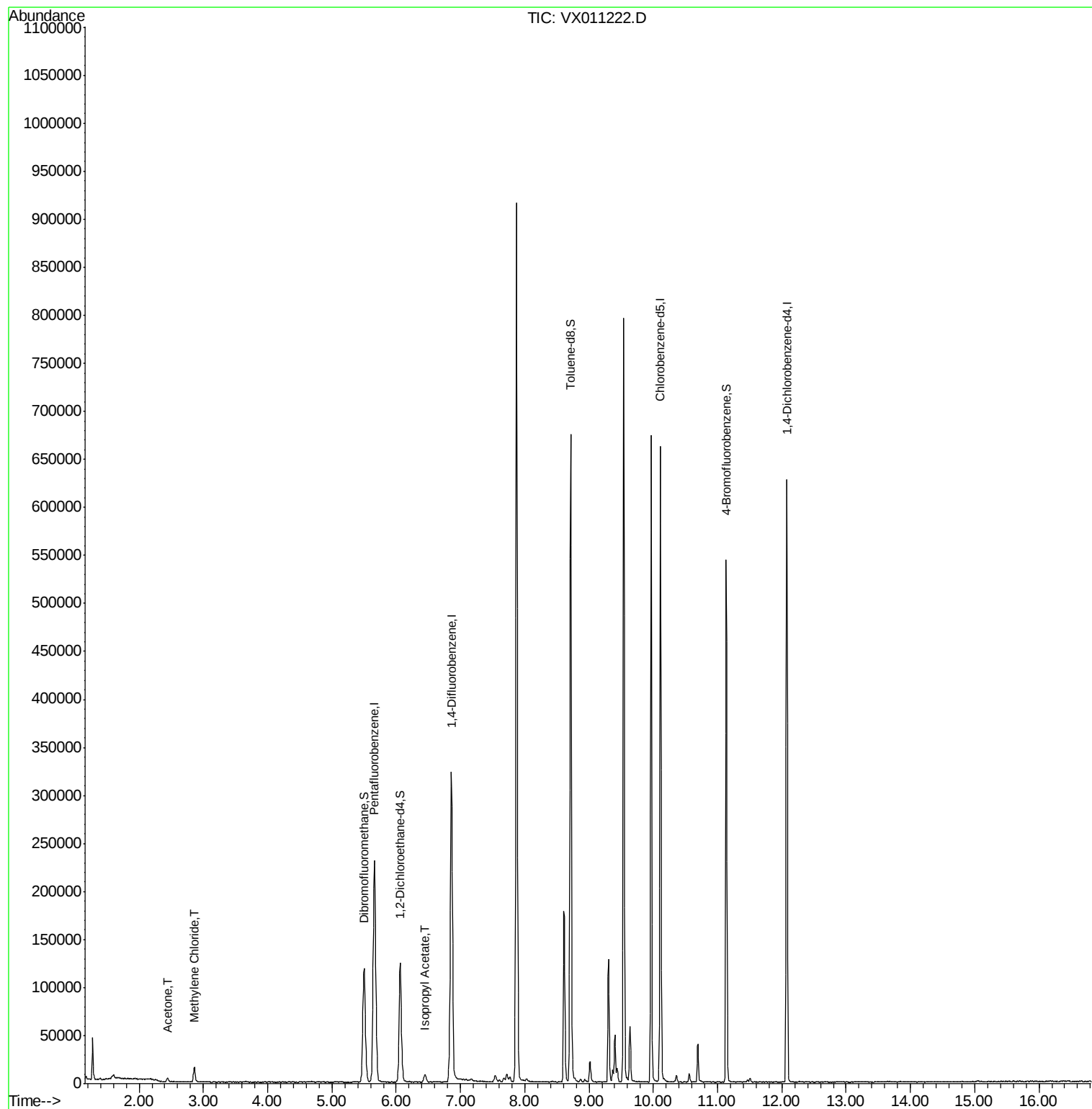
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337211	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	304908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113797	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
35) Dibromofluoromethane	5.50	113	97970	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
50) Toluene-d8	8.71	98	396297	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.13	95	132052	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.50%	
Target Compounds						
16) Acetone	2.45	43	4726	4.264	ug/l	90
20) Methylene Chloride	2.86	84	6894	2.935	ug/l	92
43) Isopropyl Acetate	6.45	43	11413	2.447	ug/l	98

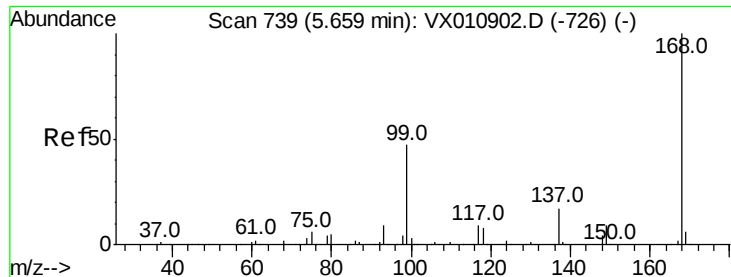
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011222.D

Acq: 31 Jul 2019 02:38

Instrument :

MSVOA_X

ClientSampleId :

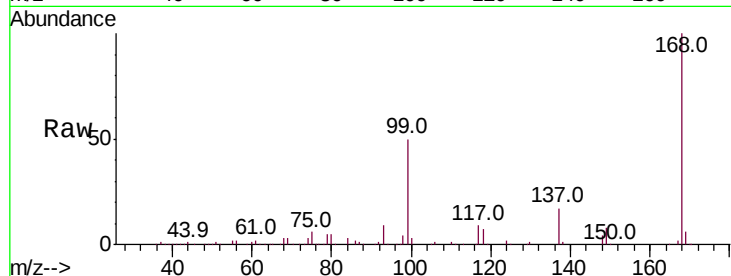
PB121803ZHE#02

Tot Ion:168 Resp: 230652

Ion Ratio Lower Upper

168 100

99 50.2 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

80000

60000

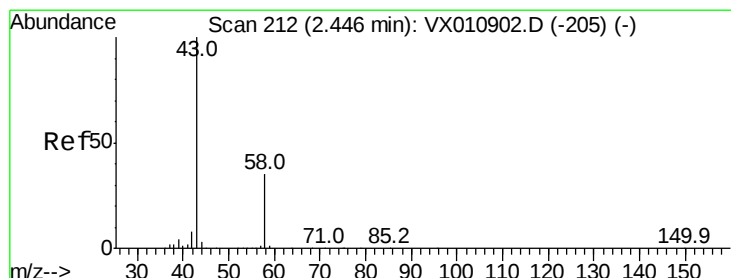
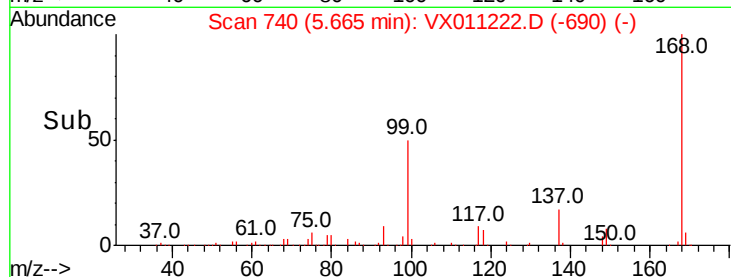
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.264 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011222.D

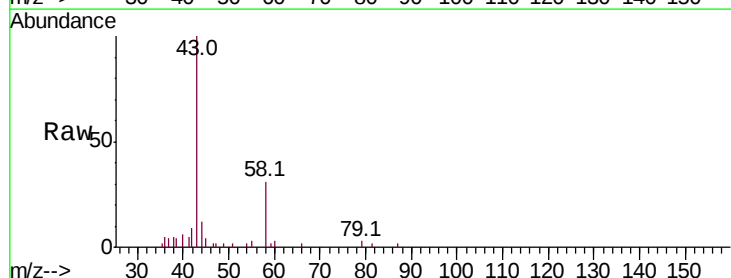
Acq: 31 Jul 2019 02:38

Tgt Ion: 43 Resp: 4726

Ion Ratio Lower Upper

43 100

58 28.7 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

3000

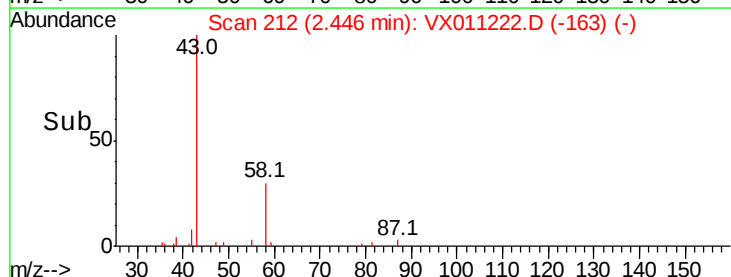
2000

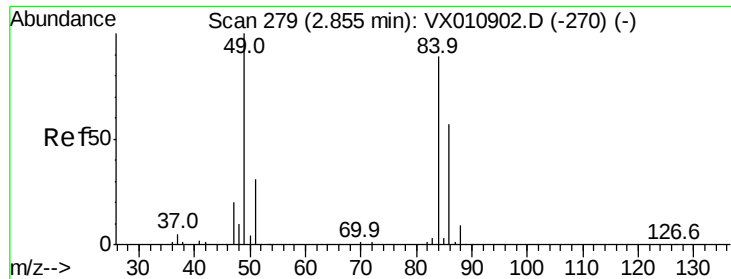
1000

0

Time-->

2.40 2.45 2.50

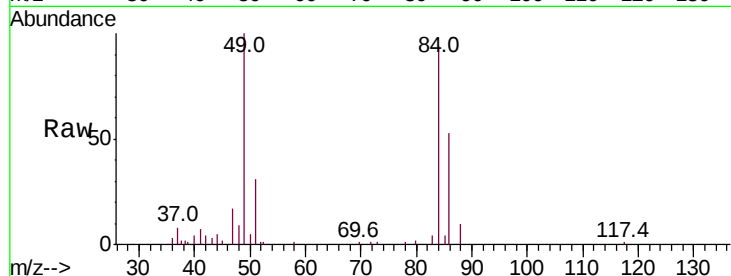




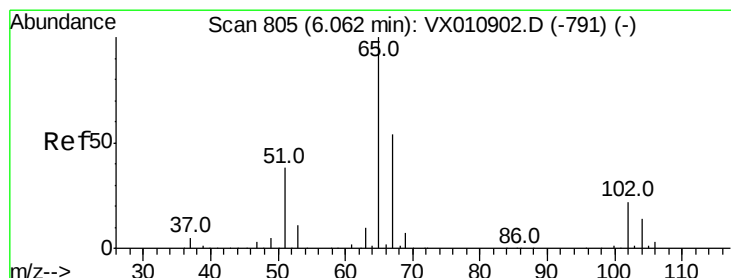
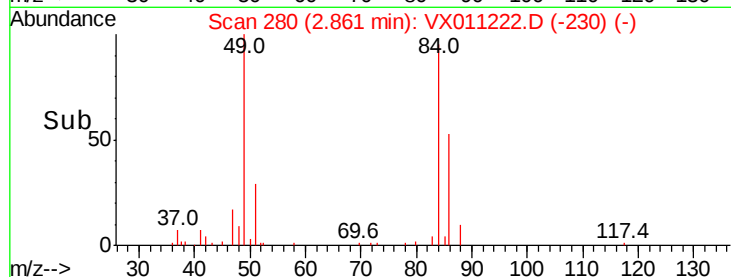
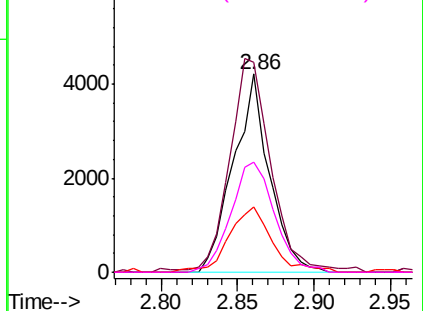
#20
Methylene Chloride
Concen: 2.935 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011222.D
Acq: 31 Jul 2019 02:38

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#02

Tot Ion: 84 Resp: 6894
Ion Ratio Lower Upper
84 100
49 104.4 89.9 134.9
51 32.8 27.8 41.6
86 55.7 51.8 77.6

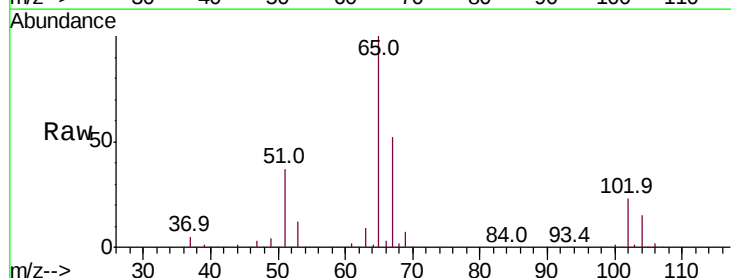


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

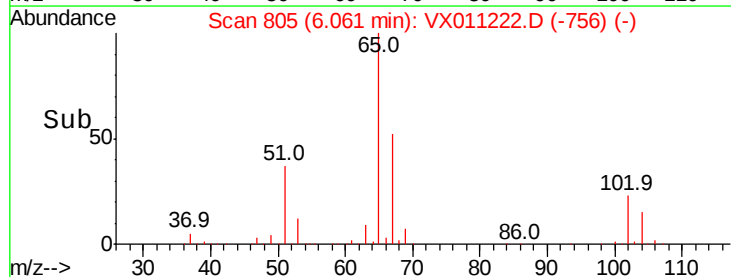
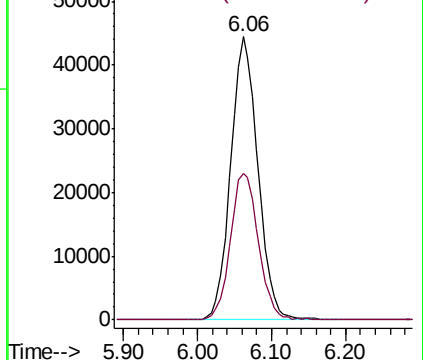


#33
1,2-Dichloroethane-d4
Concen: 46.376 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011222.D
Acq: 31 Jul 2019 02:38

Tgt Ion: 65 Resp: 113797
Ion Ratio Lower Upper
65 100
67 53.4 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: VX011222.D

Acq: 31 Jul 2019 02:38

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#02

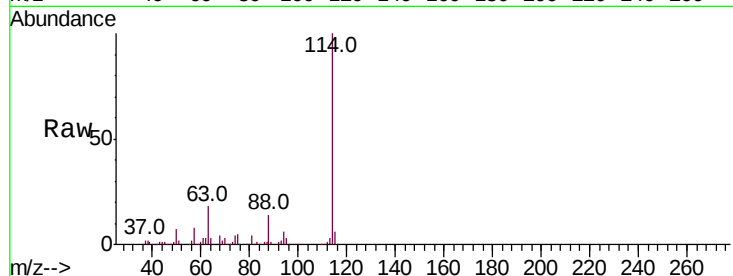
Tot Ion:114 Resp: 337211

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.6

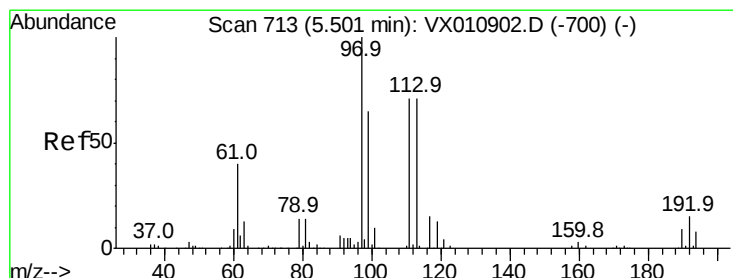
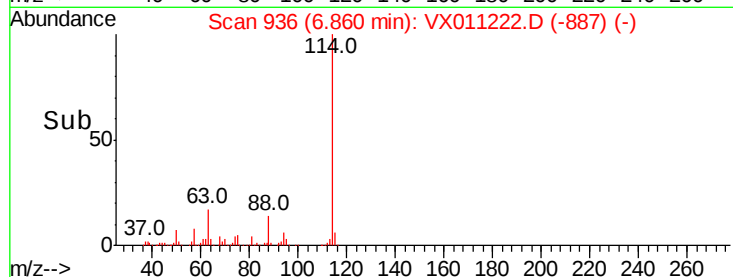
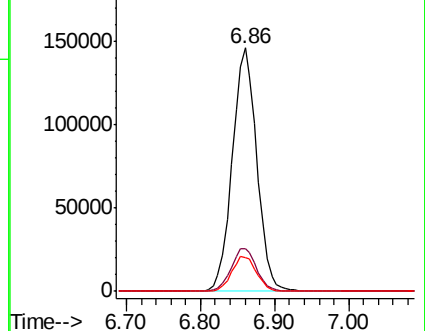
88 14.1 0.0 29.8



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: 45.773 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011222.D

Acq: 31 Jul 2019 02:38

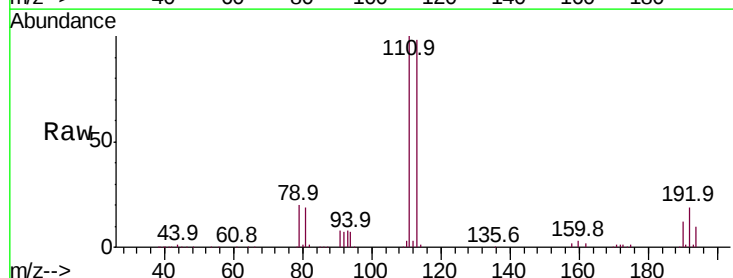
Tgt Ion:113 Resp: 97970

Ion Ratio Lower Upper

113 100

111 103.0 82.3 123.5

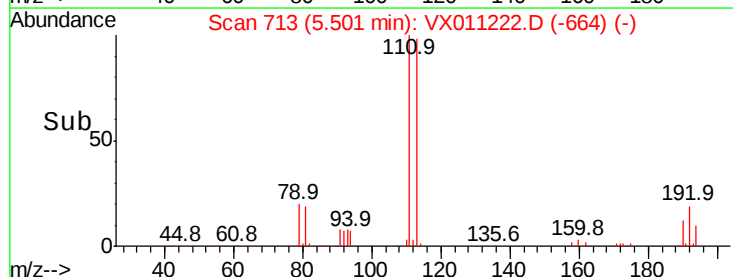
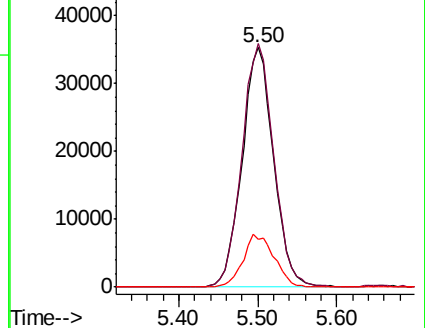
192 21.8 17.4 26.2

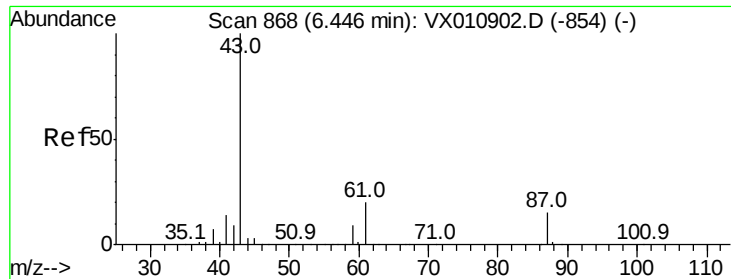


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.447 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX011222.D

Acq: 31 Jul 2019 02:38

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#02

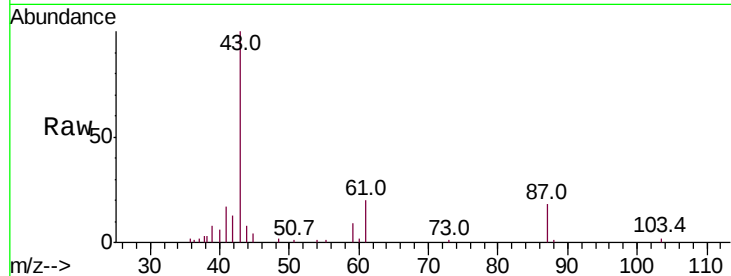
Tot Ion: 43 Resp: 11413

Ion Ratio Lower Upper

43 100

61 22.2 17.1 25.7

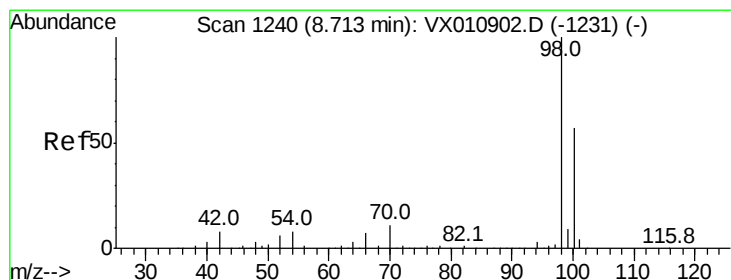
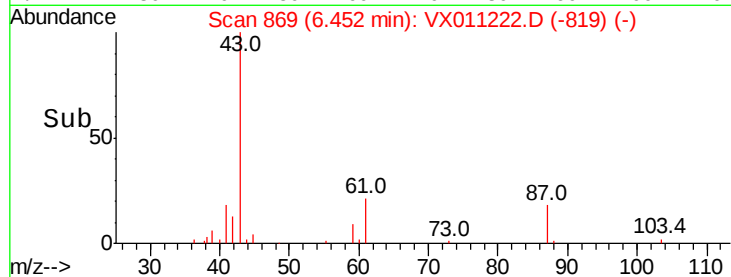
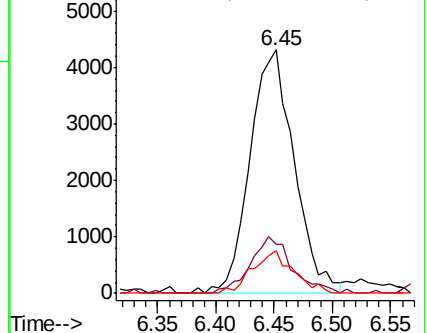
87 16.1 12.0 18.0



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: 49.366 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011222.D

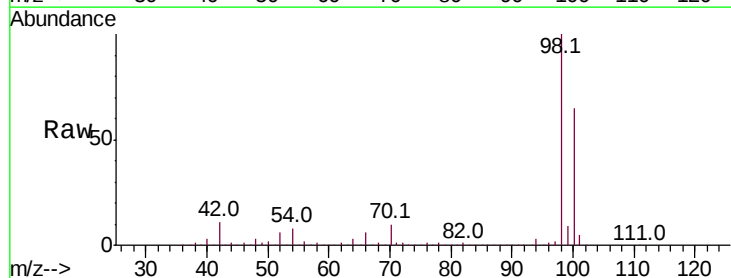
Acq: 31 Jul 2019 02:38

Tgt Ion: 98 Resp: 396297

Ion Ratio Lower Upper

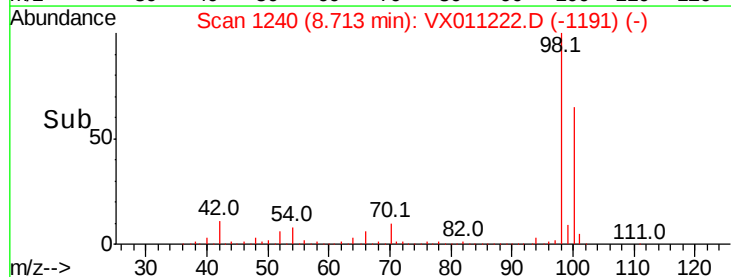
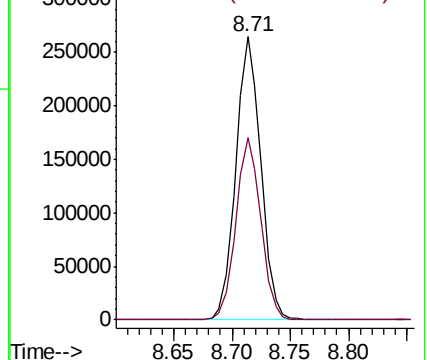
98 100

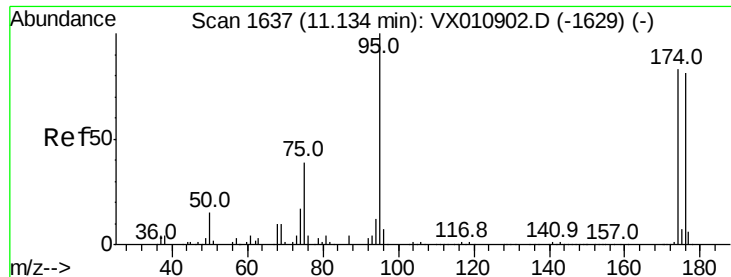
100 64.2 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.752 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011222.D

Acq: 31 Jul 2019 02:38

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#02

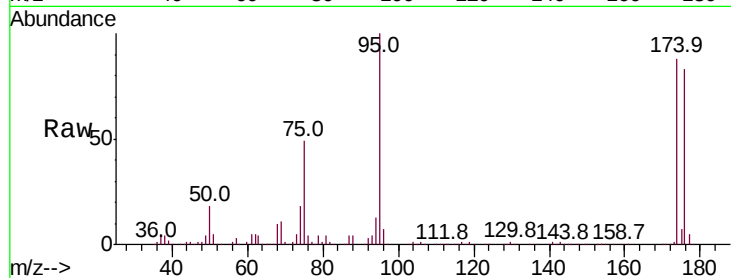
Tot Ion: 95 Resp: 132052

Ion Ratio Lower Upper

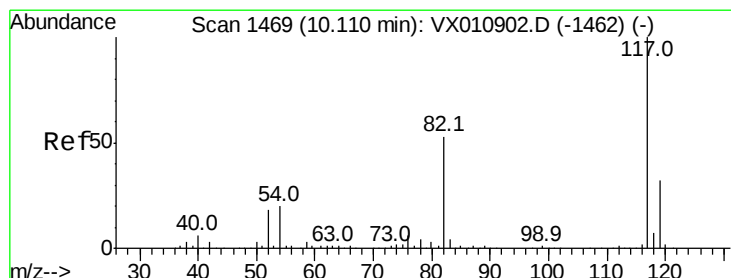
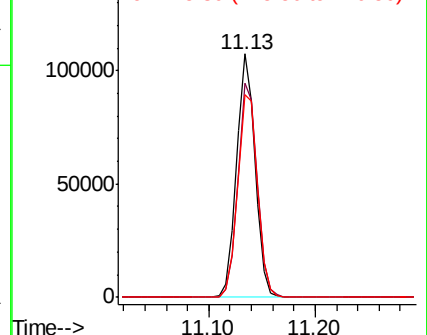
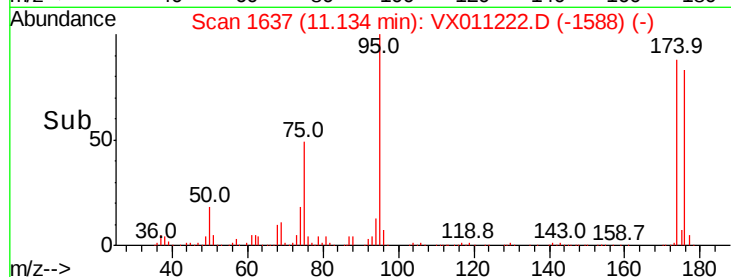
95 100

174 91.4 0.0 180.6

176 89.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011222.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011222.D

Acq: 31 Jul 2019 02:38

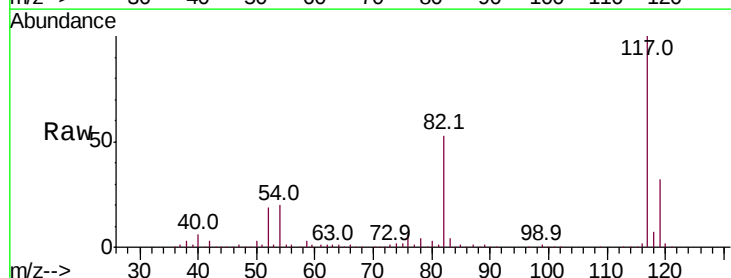
Tgt Ion: 117 Resp: 304908

Ion Ratio Lower Upper

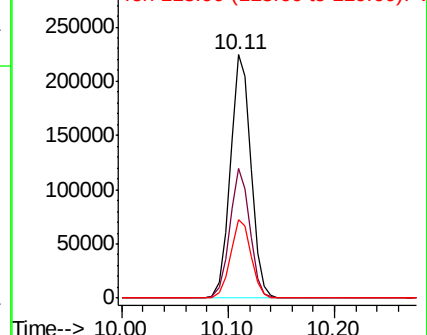
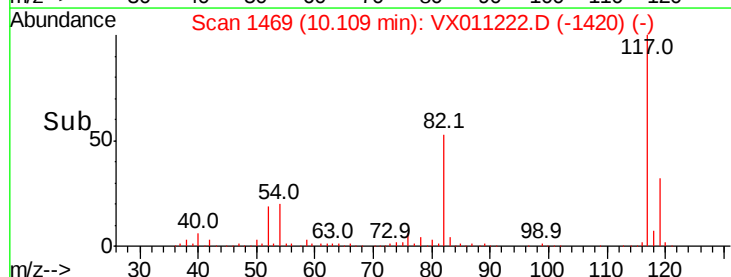
117 100

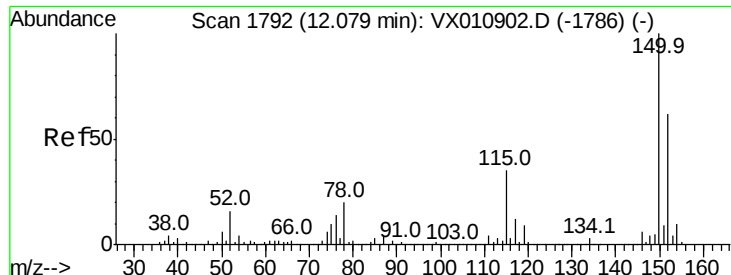
82 53.2 42.6 63.8

119 32.2 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011222.D (-1420) (-)

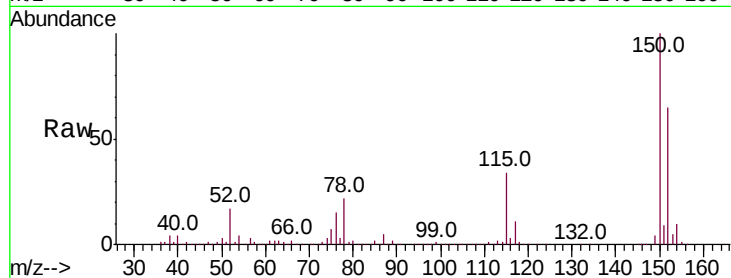




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011222.D
 Acq: 31 Jul 2019 02:38

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121803ZHE#02

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.7	119.1
150	155.6	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

