

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007948.D
 Acq On : 08 Mar 2019 23:08
 Operator : JC/SP
 Sample : PB117725TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117725TB

Quant Time: Mar 09 05:47:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

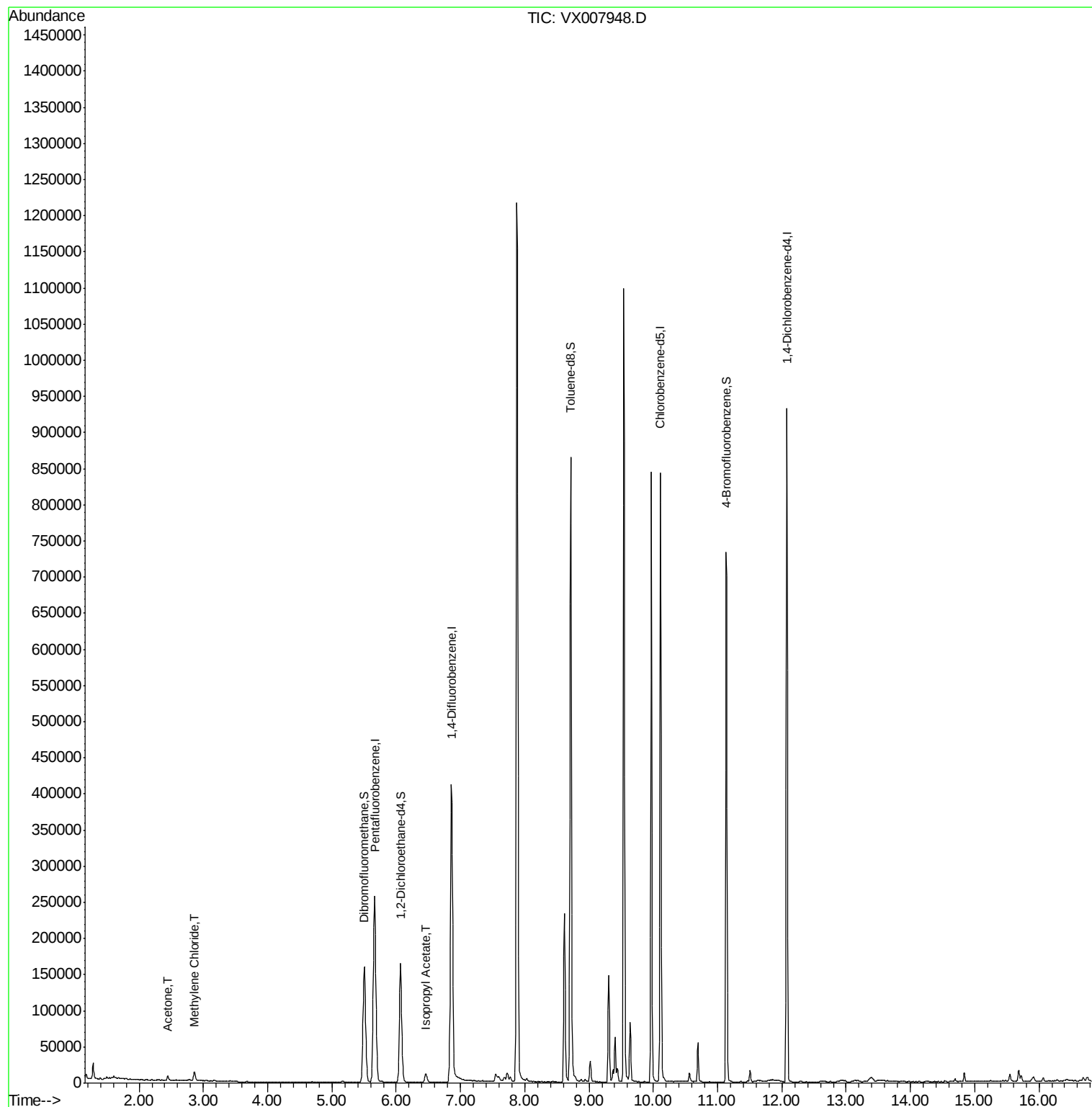
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	432760	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	410587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	150128	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
35) Dibromofluoromethane	5.50	113	138001	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
50) Toluene-d8	8.71	98	532276	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	11.13	95	196483	55.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.24%	
Target Compounds						
16) Acetone	2.45	43	6682	3.941	ug/l	98
20) Methylene Chloride	2.86	84	5644	2.092	ug/l	96
43) Isopropyl Acetate	6.46	43	15353	2.231	ug/l	100

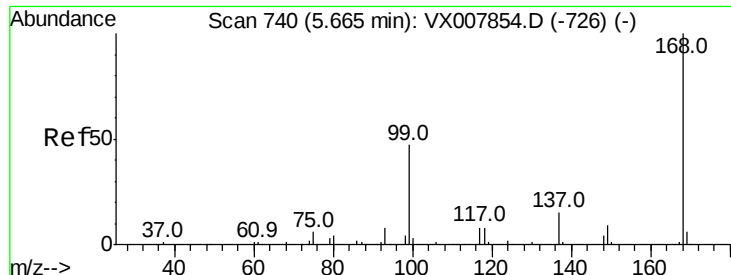
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007948.D

Acq: 08 Mar 2019 23:08

Instrument :

MSVOA_X

ClientSampleId :

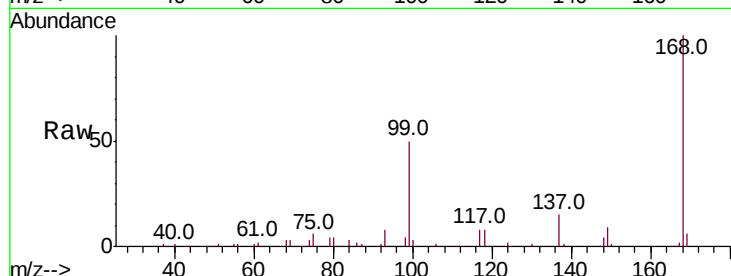
PB117725TB

Tot Ion:168 Resp: 277669

Ion Ratio Lower Upper

168 100

99 49.6 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

100000

80000

60000

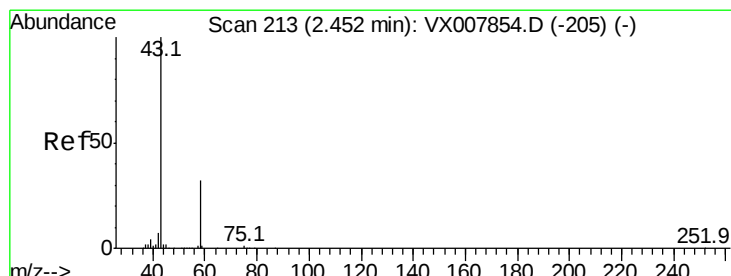
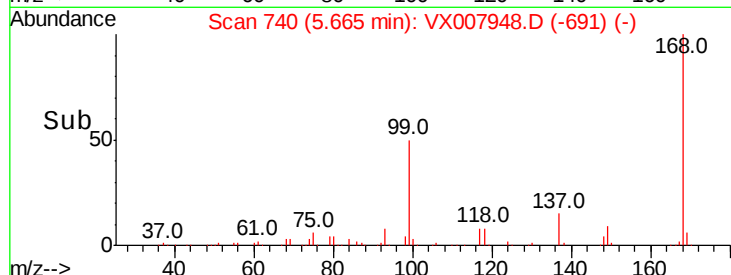
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 3.941 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007948.D

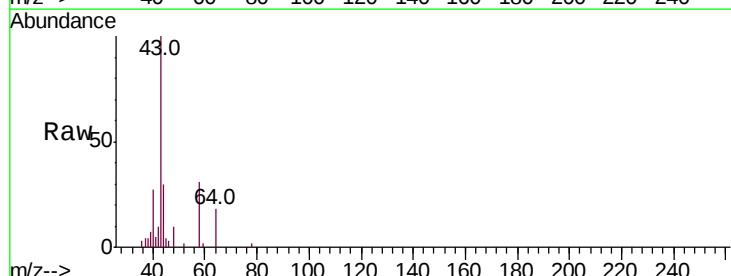
Acq: 08 Mar 2019 23:08

Tgt Ion: 43 Resp: 6682

Ion Ratio Lower Upper

43 100

58 31.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

3000

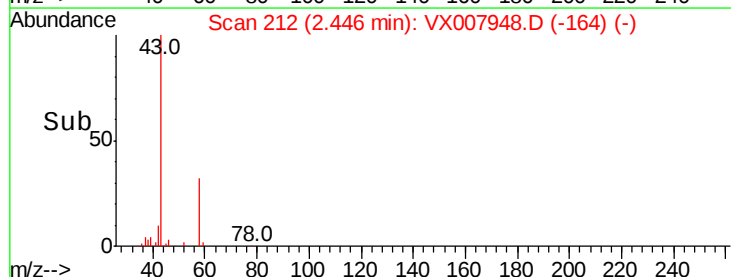
2000

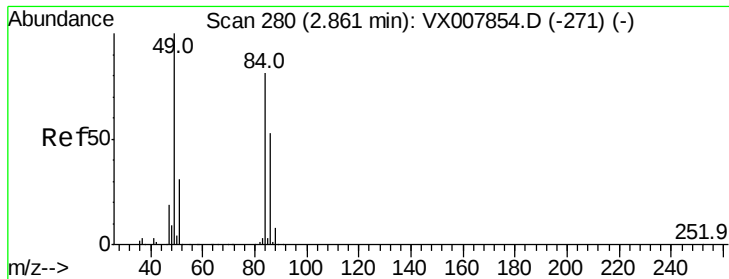
1000

0

Time-->

2.35 2.40 2.45 2.50 2.55

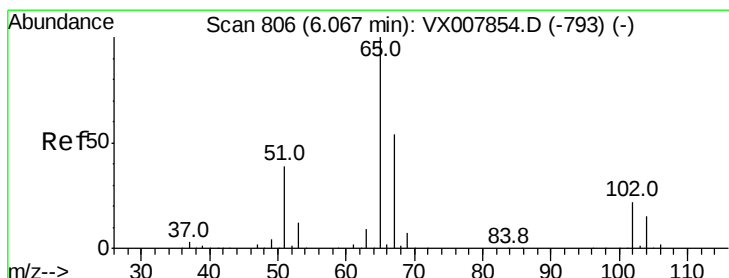
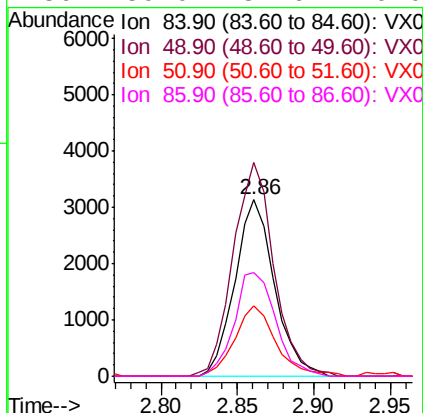
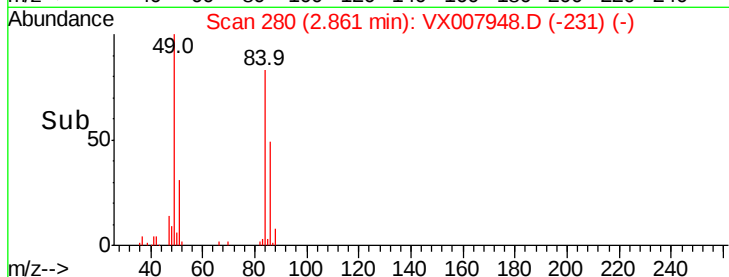
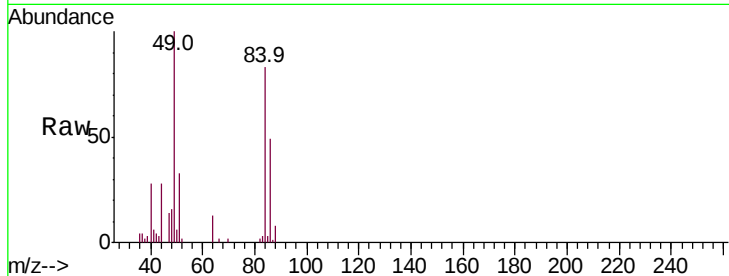




#20
Methvlene Chloride
Concen: 2.092 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007948.D
Acq: 08 Mar 2019 23:08

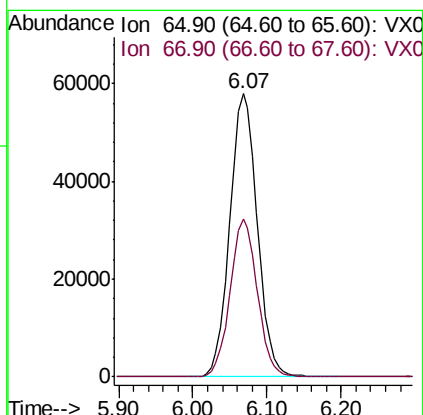
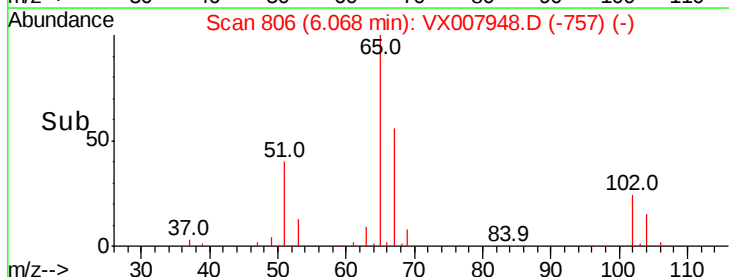
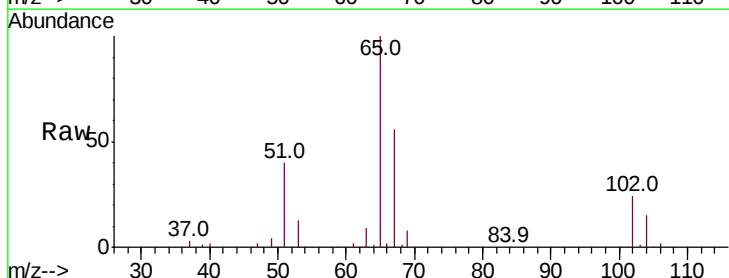
Instrument :
MSVOA_X
ClientSampleId :
PB117725TB

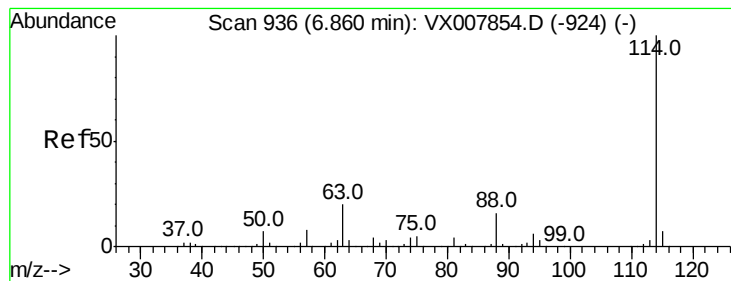
Tot Ion:	84	Resp:	5644
Ion	Ratio	Lower	Upper
84	100		
49	121.1	99.3	148.9
51	40.0	31.3	46.9
86	59.0	52.6	79.0



#33
1,2-Dichloroethane-d4
Concen: 51.253 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007948.D
Acq: 08 Mar 2019 23:08

Tgt Ion:	65	Resp:	150128
Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007948.D

Acq: 08 Mar 2019 23:08

Instrument :

MSVOA_X

ClientSampleId :

PB117725TB

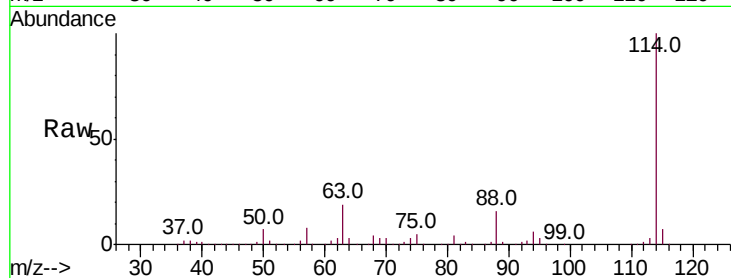
Tot Ion:114 Resp: 432760

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

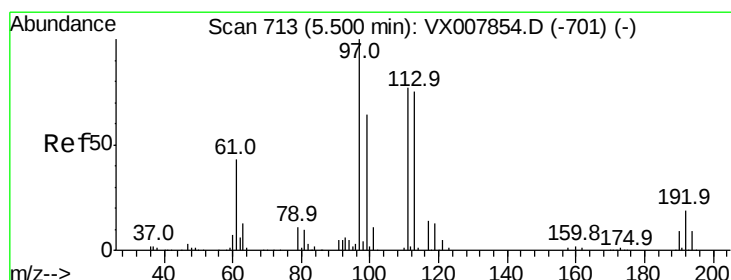
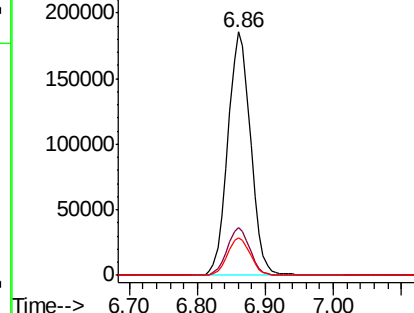
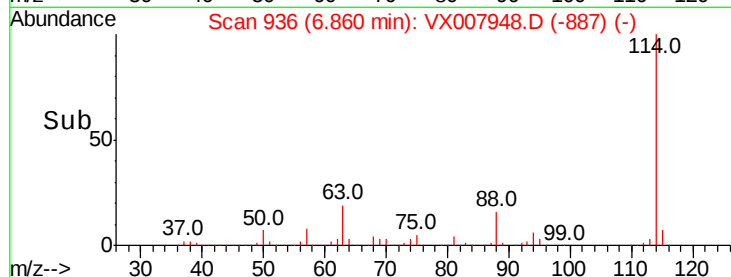
88 15.6 0.0 31.4



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: 49.852 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007948.D

Acq: 08 Mar 2019 23:08

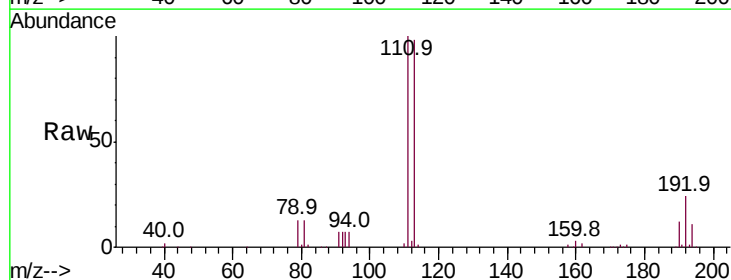
Tgt Ion:113 Resp: 138001

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

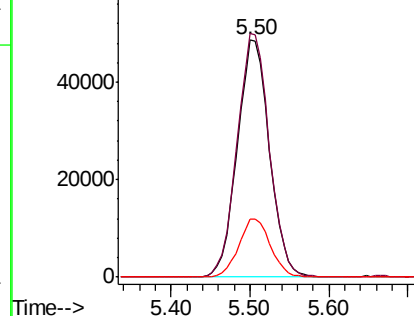
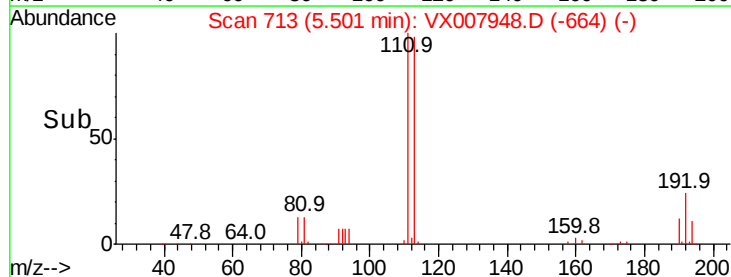
192 24.3 19.4 29.0

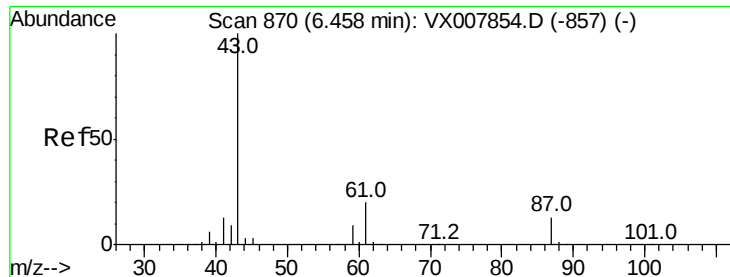


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.231 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007948.D

Acq: 08 Mar 2019 23:08

Instrument :

MSVOA_X

ClientSampleId :

PB117725TB

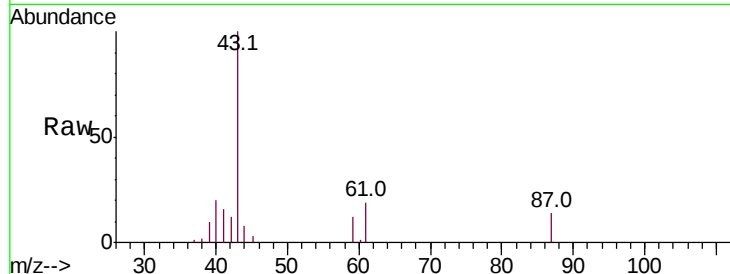
Tot Ion: 43 Resp: 15353

Ion Ratio Lower Upper

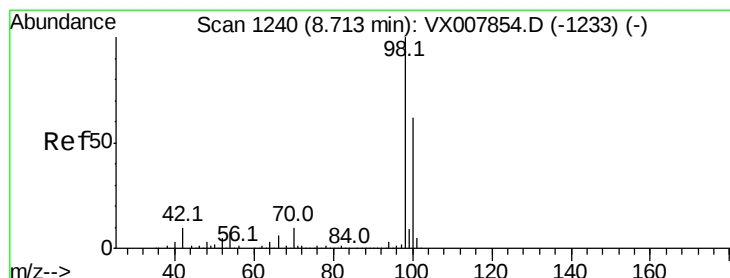
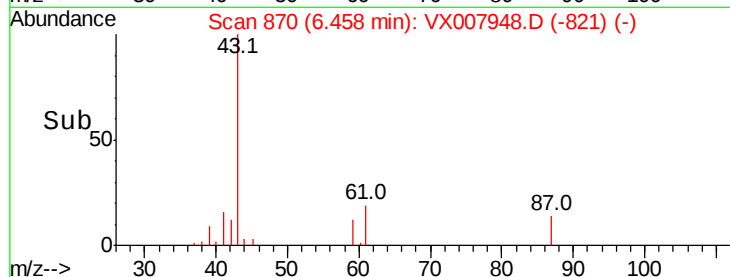
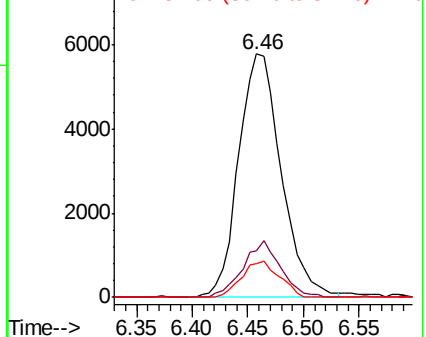
43 100

61 20.5 16.3 24.5

87 13.2 10.5 15.7



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: 52.356 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007948.D

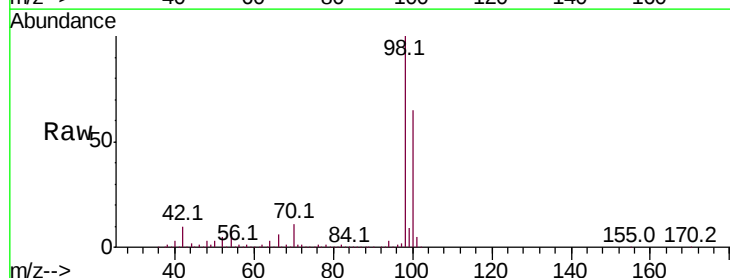
Acq: 08 Mar 2019 23:08

Tgt Ion: 98 Resp: 532276

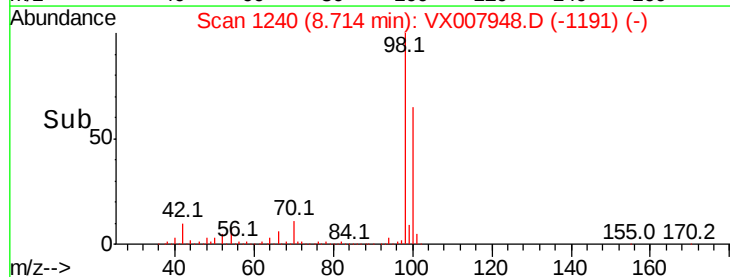
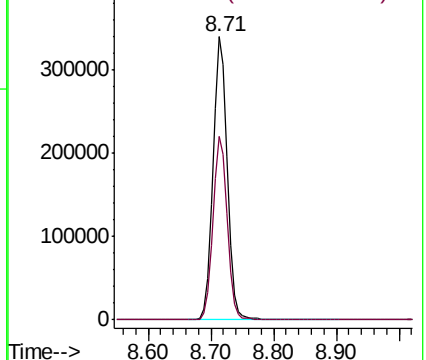
Ion Ratio Lower Upper

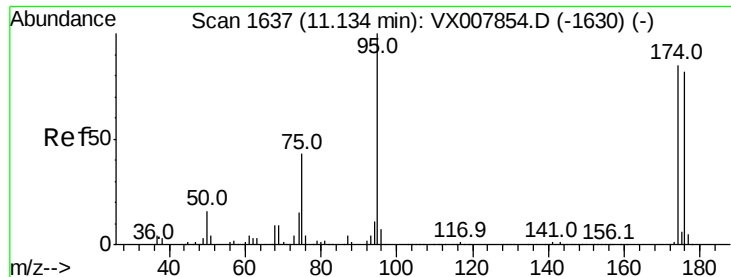
98 100

100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 55.124 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007948.D

Acq: 08 Mar 2019 23:08

Instrument :

MSVOA_X

ClientSampleId :

PB117725TB

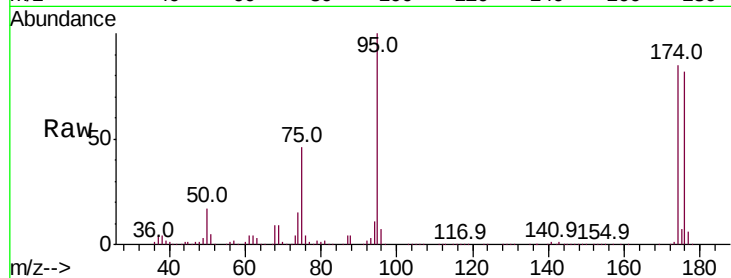
Tot Ion: 95 Resp: 196483

Ion Ratio Lower Upper

95 100

174 91.5 0.0 182.8

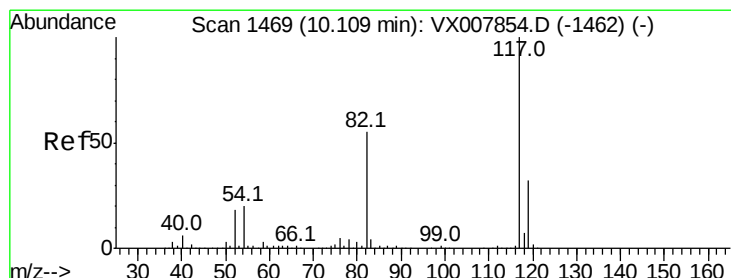
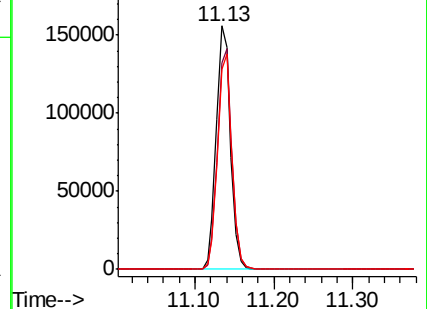
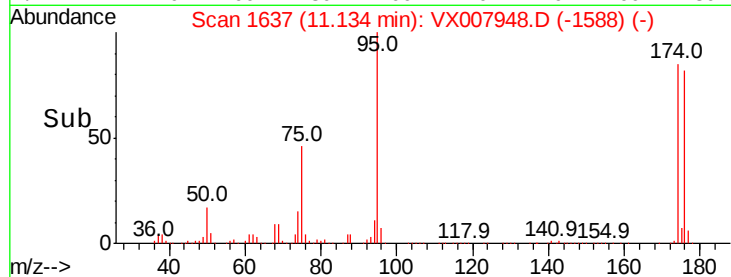
176 89.1 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007948.D

Acq: 08 Mar 2019 23:08

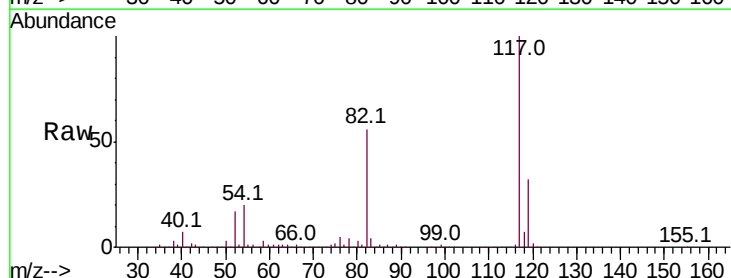
Tgt Ion: 117 Resp: 410587

Ion Ratio Lower Upper

117 100

82 55.7 44.3 66.5

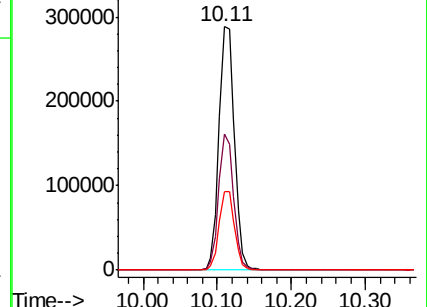
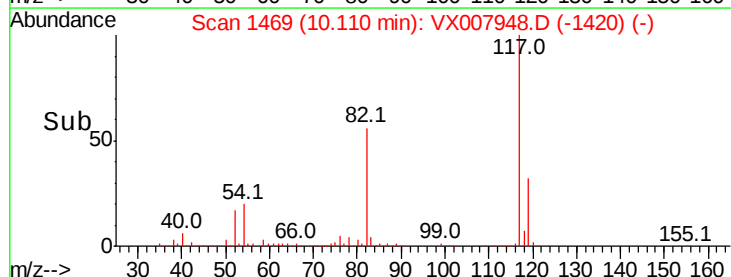
119 32.3 25.3 37.9

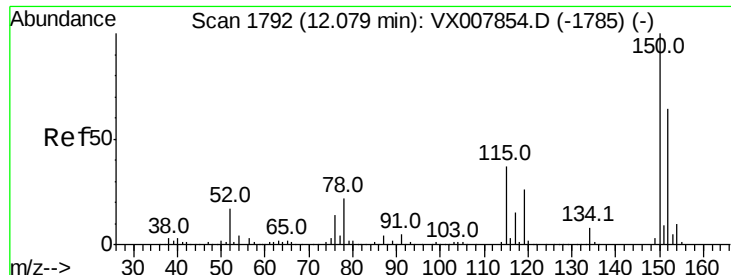


Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007948.D

Acq: 08 Mar 2019 23:08

Instrument :

MSVOA_X

ClientSampleId :

PB117725TB

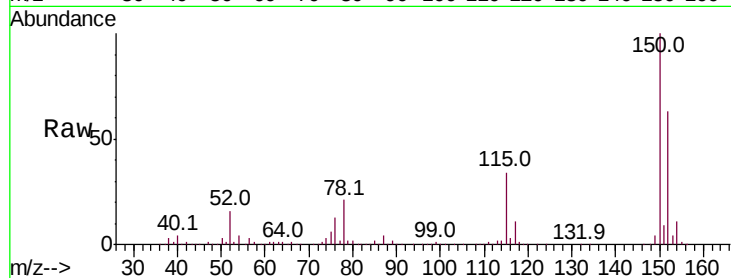
Tot Ion:152 Resp: 201079

Ion Ratio Lower Upper

152 100

115 55.1 38.6 115.7

150 157.6 0.0 348.4



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

