

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010881.D
 Acq On : 15 Jul 2019 13:55
 Operator : JC/SP
 Sample : K3813-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-04-190712

Quant Time: Jul 16 03:19:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

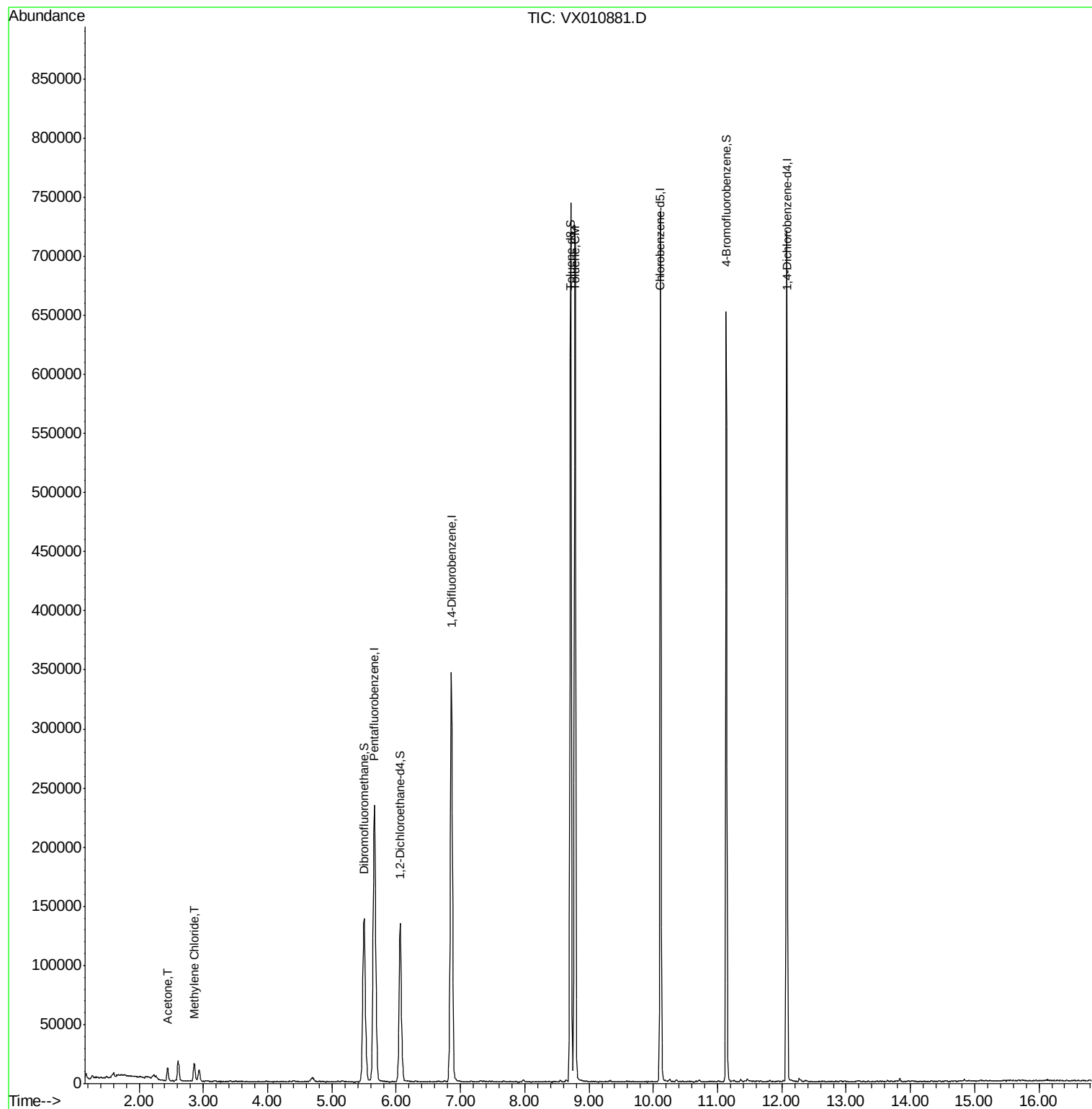
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	239267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	372099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	346135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122493	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
35) Dibromofluoromethane	5.50	113	115746	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	8.71	98	446958	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	11.13	95	157366	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
Target Compounds						
16) Acetone	2.45	43	11349	10.094	ug/l	95
20) Methylene Chloride	2.85	84	7916	3.421	ug/l	95
52) Toluene	8.78	92	272798	44.968	ug/l	97

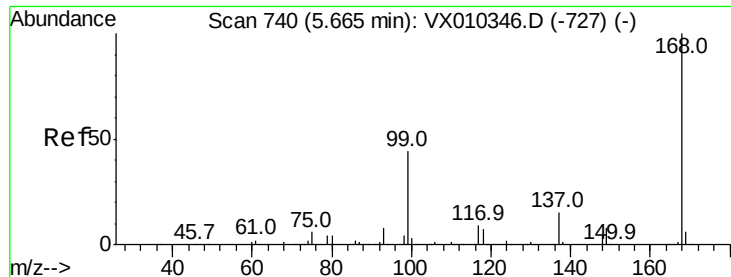
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :
EB-04-190712

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010881.D

Acq: 15 Jul 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

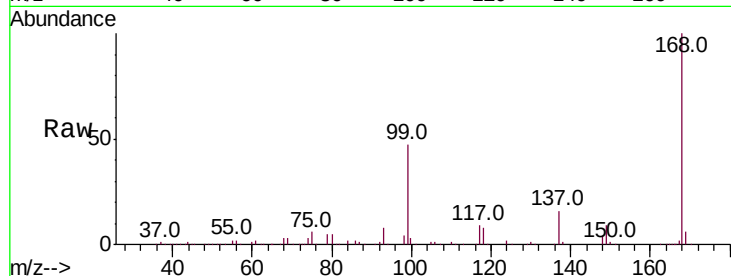
EB-04-190712

Tot Ion:168 Resp: 239267

Ion Ratio Lower Upper

168 100

99 46.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

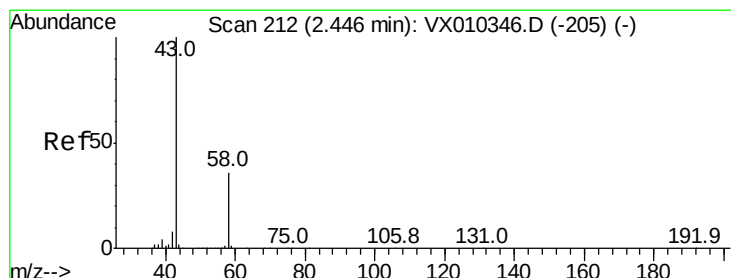
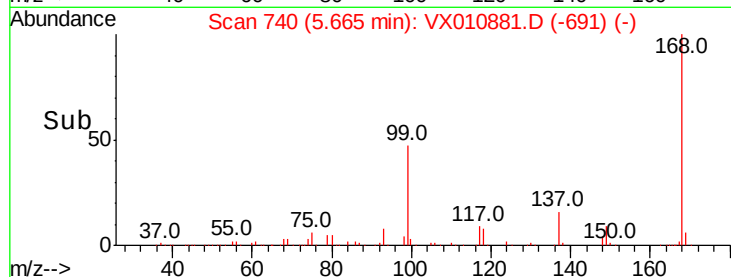
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.094 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010881.D

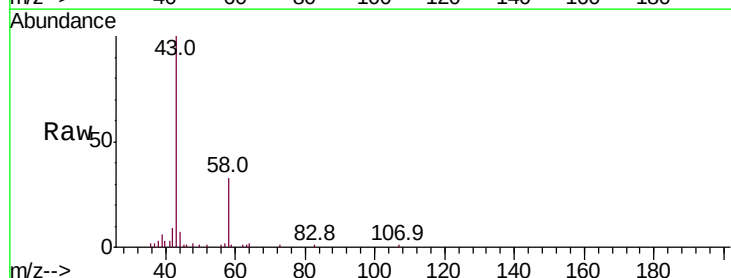
Acq: 15 Jul 2019 13:55

Tgt Ion: 43 Resp: 11349

Ion Ratio Lower Upper

43 100

58 33.1 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

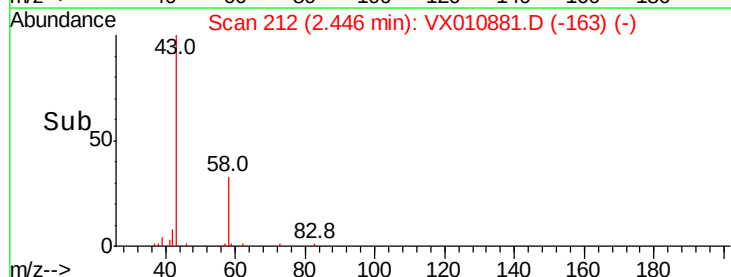
6000

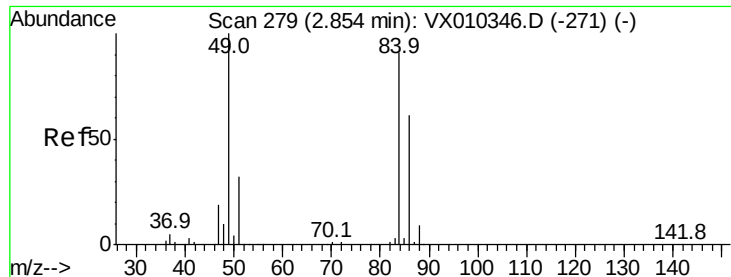
4000

2000

0

Time--> 2.40 2.45 2.50

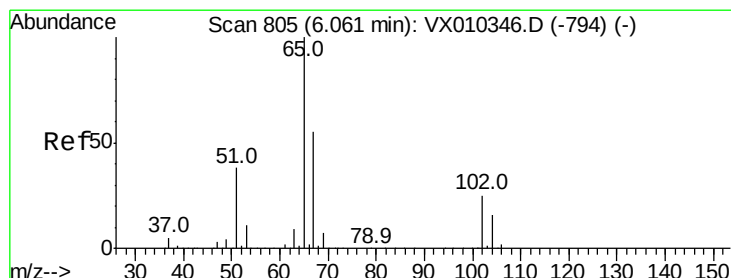
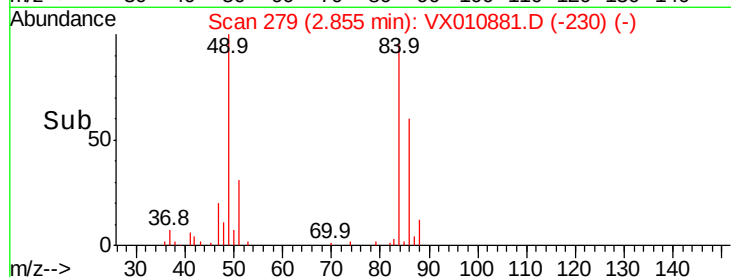
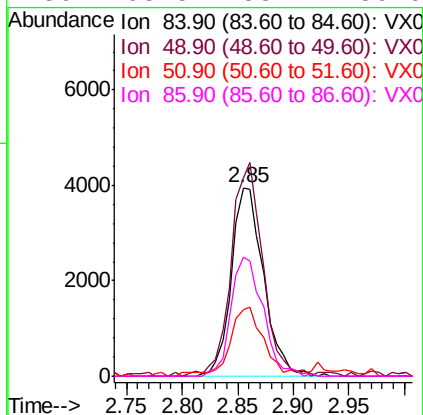
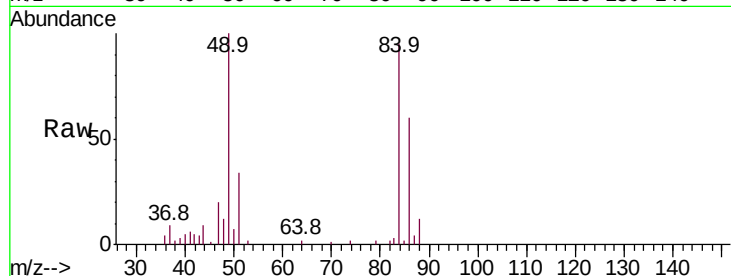




#20
Methylene Chloride
Concen: 3.421 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010881.D
Acq: 15 Jul 2019 13:55

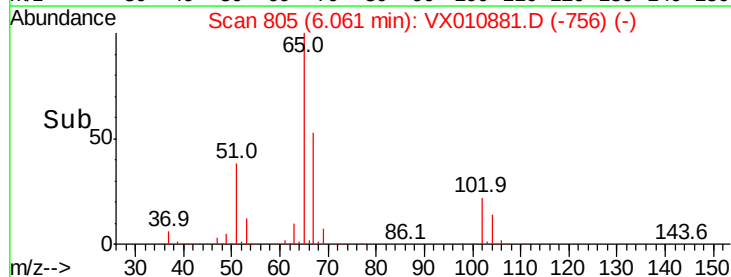
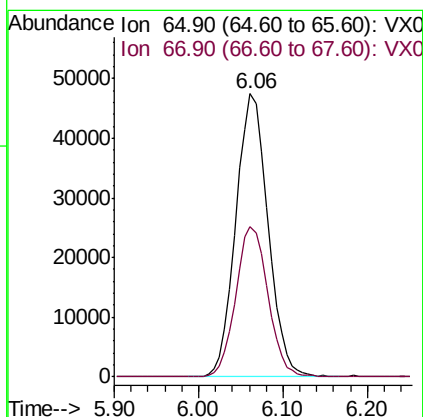
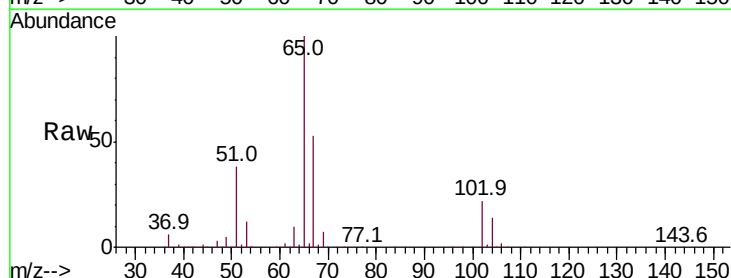
Instrument :
MSVOA_X
ClientSampleId :
EB-04-190712

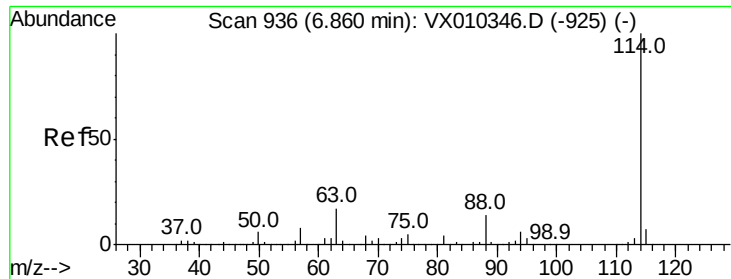
Tot Ion:	84	Resp:	7916
Ion	Ratio	Lower	Upper
84	100		
49	103.6	87.5	131.3
51	33.0	27.7	41.5
86	63.5	53.4	80.0



#33
1,2-Dichloroethane-d4
Concen: 54.602 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010881.D
Acq: 15 Jul 2019 13:55

Tgt Ion:	65	Resp:	122493
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	110.2

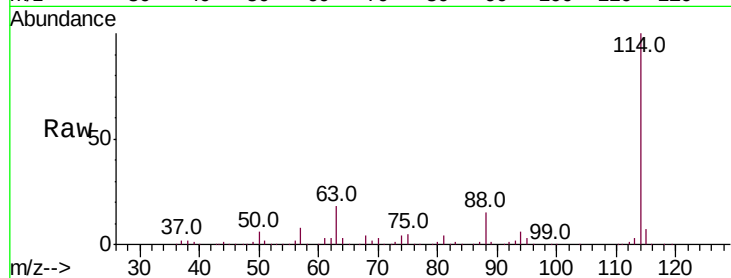




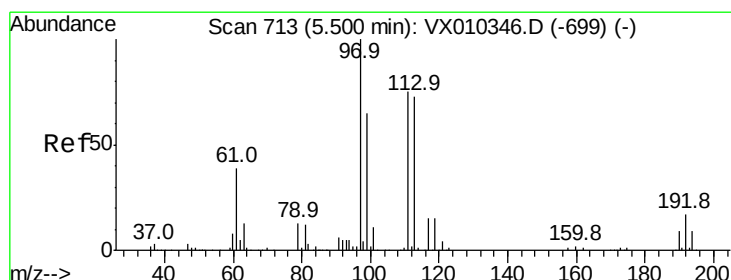
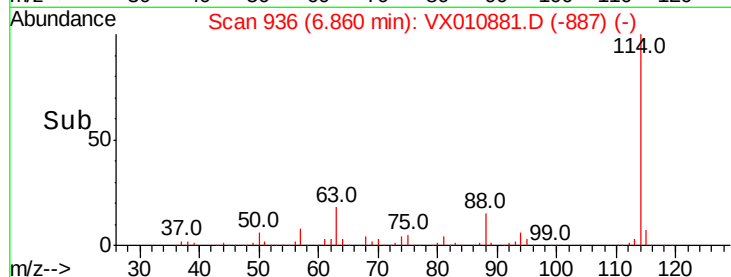
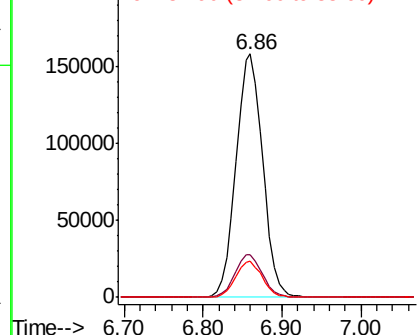
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010881.D
 Acq: 15 Jul 2019 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-04-190712

Tot Ion:114 Resp: 372099
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 33.8
 88 14.7 0.0 27.6

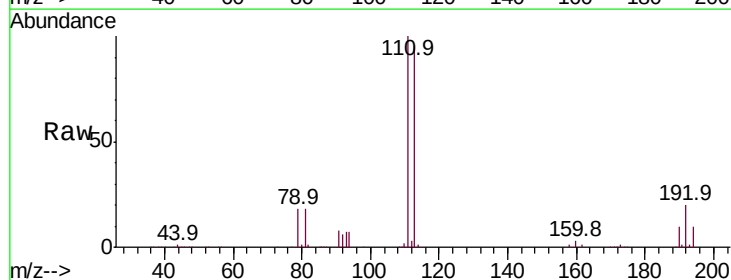


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

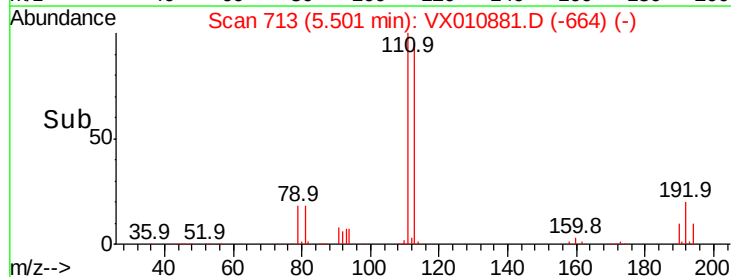
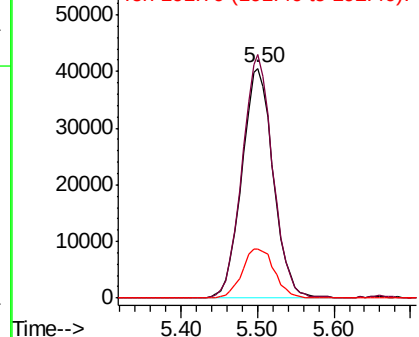


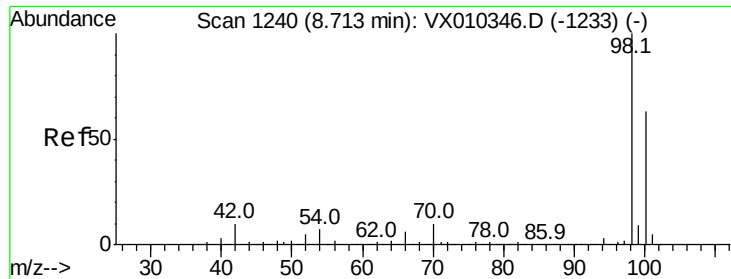
#35
 Dibromofluoromethane
 Concen: 50.841 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010881.D
 Acq: 15 Jul 2019 13:55

Tgt Ion:113 Resp: 115746
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.2 121.8
 192 22.2 18.6 27.8



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





#50

Toluene-d8

Concen: 51.316 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010881.D

Acq: 15 Jul 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

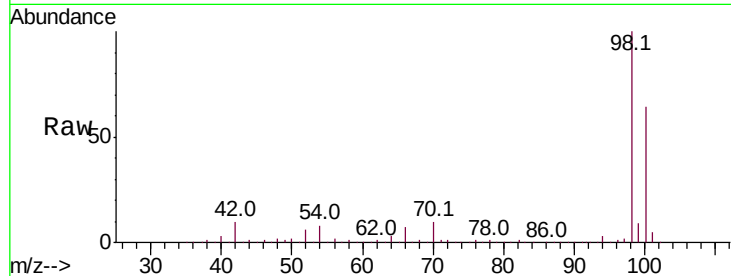
EB-04-190712

Tot Ion: 98 Resp: 446958

Ion Ratio Lower Upper

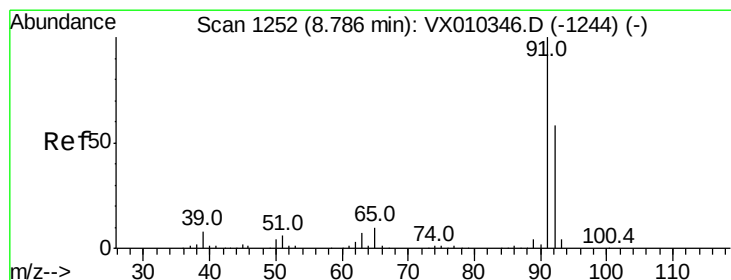
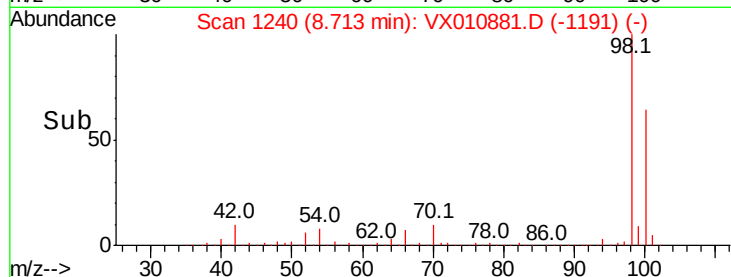
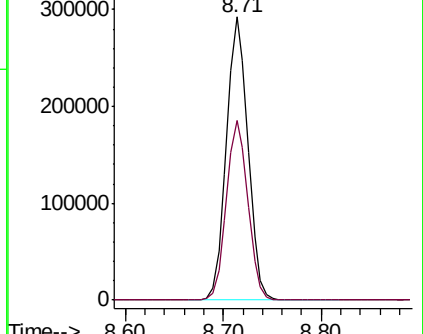
98 100

100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 44.968 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010881.D

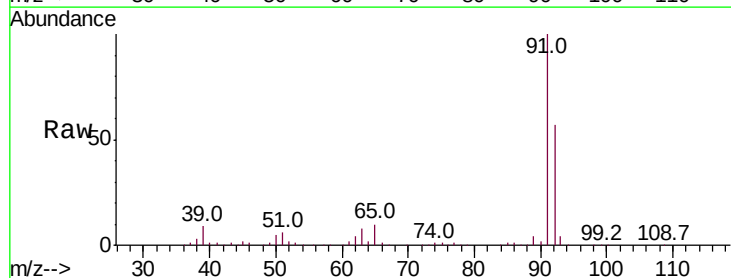
Acq: 15 Jul 2019 13:55

Tgt Ion: 92 Resp: 272798

Ion Ratio Lower Upper

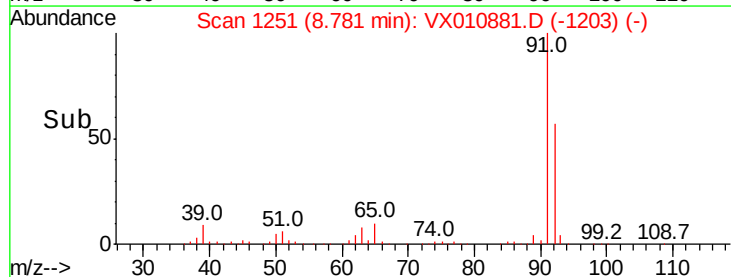
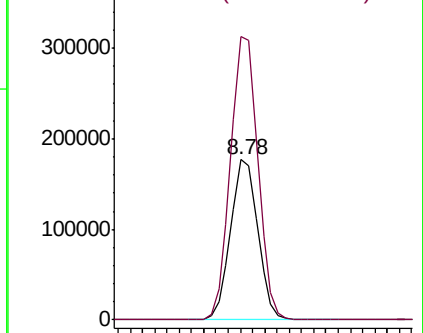
92 100

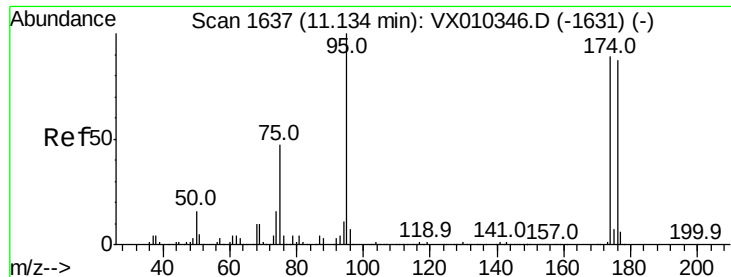
91 178.2 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.044 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010881.D

Acq: 15 Jul 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

EB-04-190712

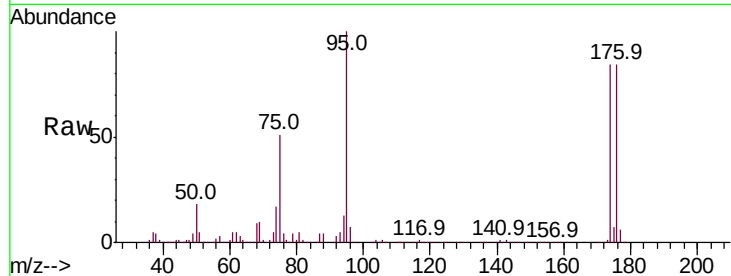
Tot Ion: 95 Resp: 157366

Ion Ratio Lower Upper

95 100

174 90.6 0.0 187.6

176 88.9 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)

11.13

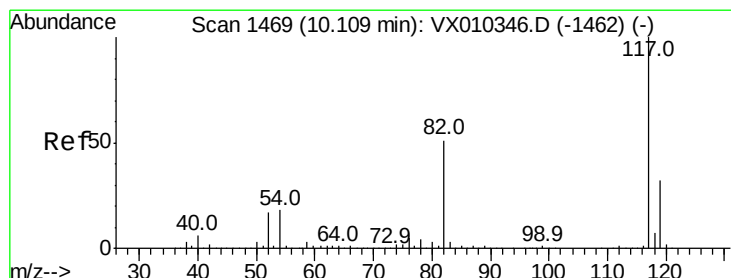
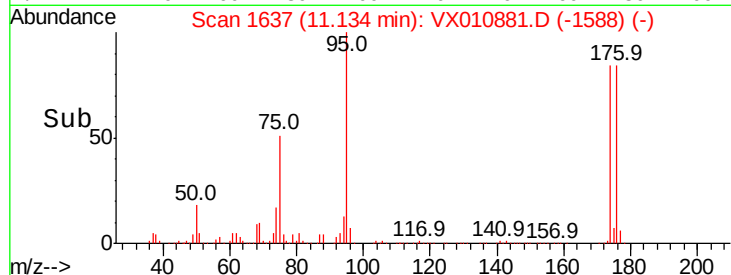
150000

100000

50000

0

Time--> 11.05 11.10 11.15 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010881.D

Acq: 15 Jul 2019 13:55

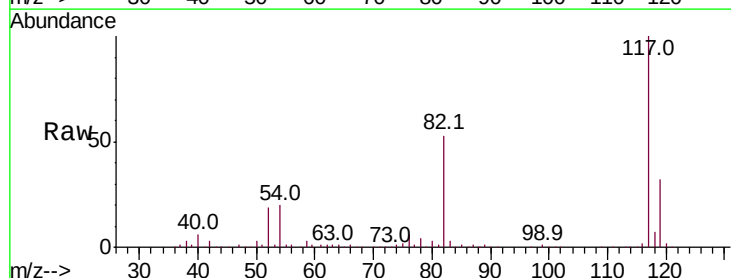
Tgt Ion: 117 Resp: 346135

Ion Ratio Lower Upper

117 100

82 53.3 41.2 61.8

119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

10.11

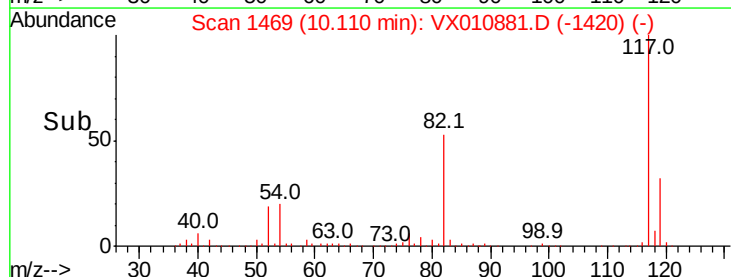
300000

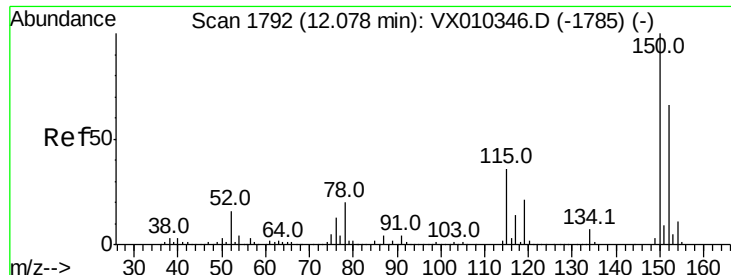
200000

100000

0

Time--> 10.00 10.10 10.20





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010881.D
 Acq: 15 Jul 2019 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-04-190712

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.6	115.7
150	155.7	0.0	347.4

