

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011661.D
 Acq On : 20 Aug 2019 03:27
 Operator : JC/SP
 Sample : K4385-34
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T8-C-(0)

Quant Time: Aug 20 13:54:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

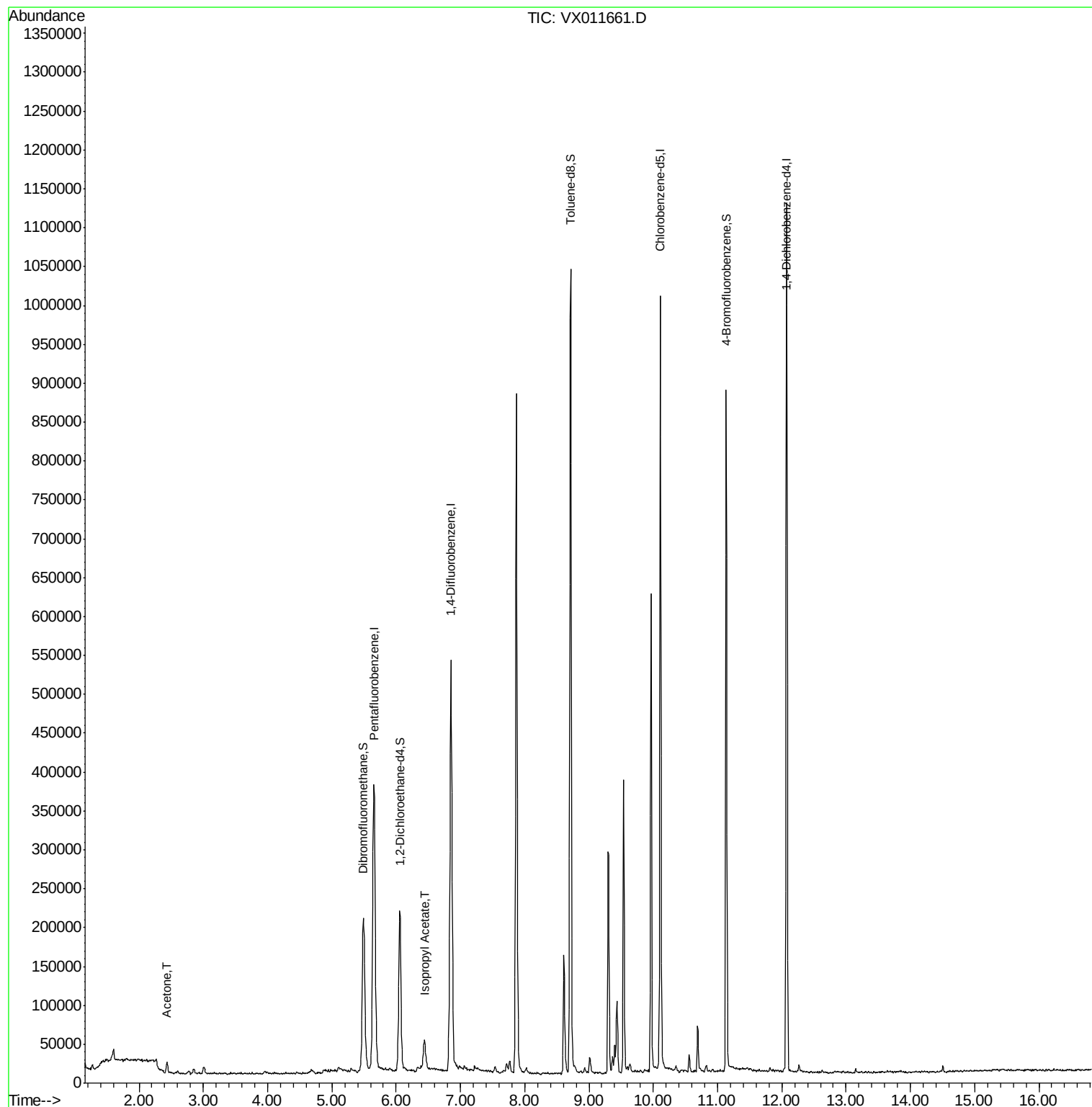
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	392156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	555680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	462221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	245477	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	203146	55.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.72%	
35) Dibromofluoromethane	5.49	113	164003	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
50) Toluene-d8	8.71	98	658517	58.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.30%	
62) 4-Bromofluorobenzene	11.13	95	217082	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	
Target Compounds						
16) Acetone	2.43	43	14348	7.846	ug/l	100
43) Isopropyl Acetate	6.44	43	52677	6.177	ug/l	99

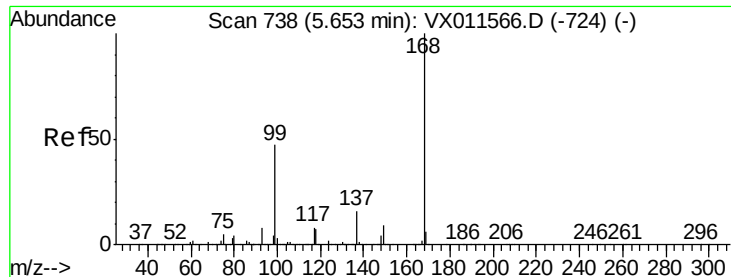
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

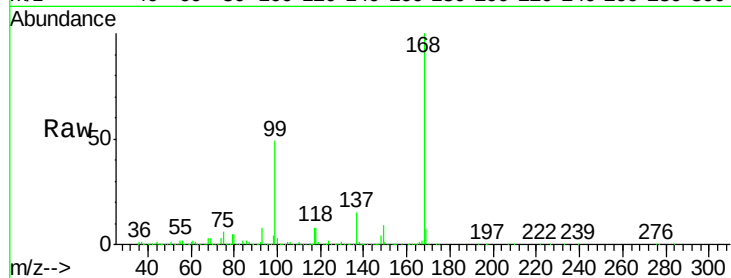
T8-C-(0)

Tot Ion:168 Resp: 392156

Ion Ratio Lower Upper

168 100

99 49.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

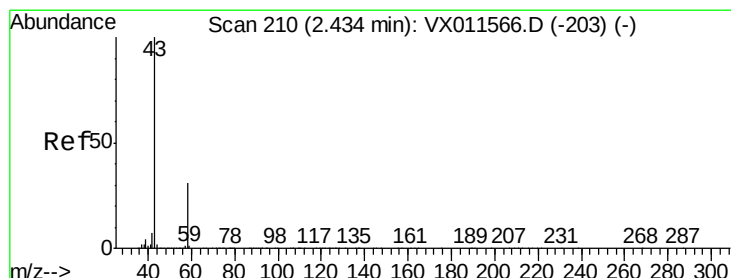
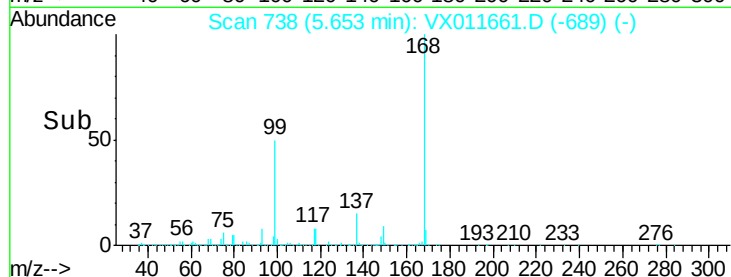
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.846 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011661.D

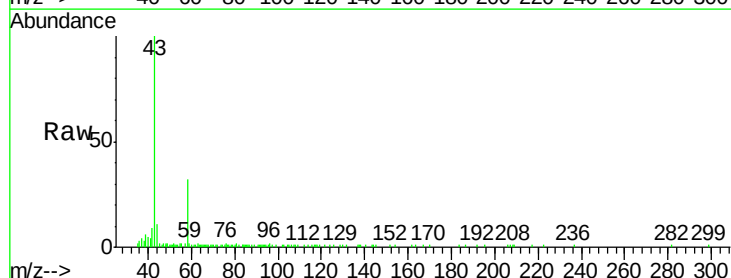
Acq: 20 Aug 2019 03:27

Tgt Ion: 43 Resp: 14348

Ion Ratio Lower Upper

43 100

58 31.8 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

10000

8000

6000

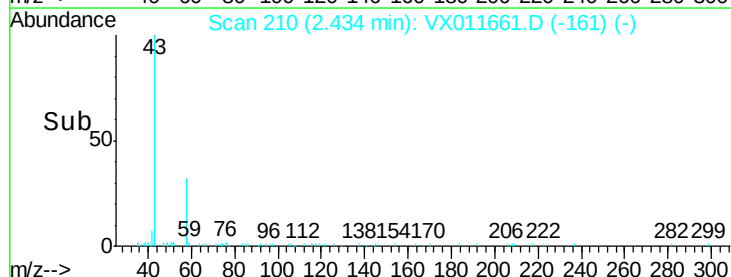
4000

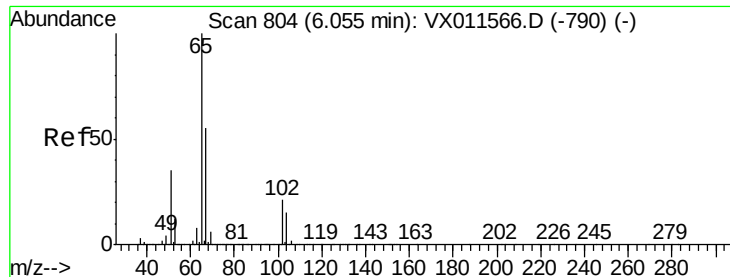
2000

0

Time-->

2.40 2.45





#33

1,2-Dichloroethane-d4

Concen: 55.860 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011661.D

Acq: 20 Aug 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

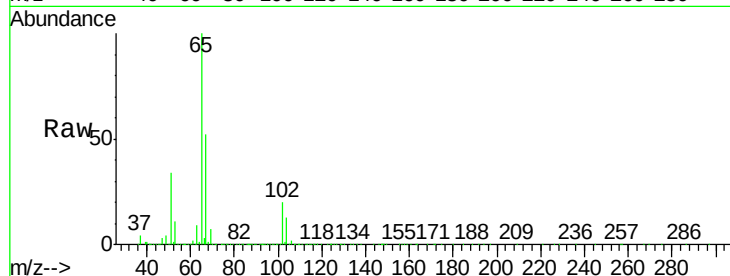
T8-C-(0)

Tot Ion: 65 Resp: 203146

Ion Ratio Lower Upper

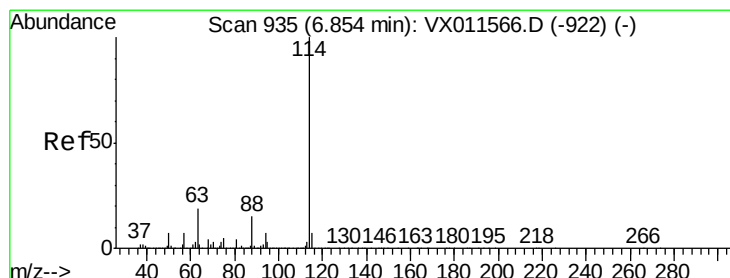
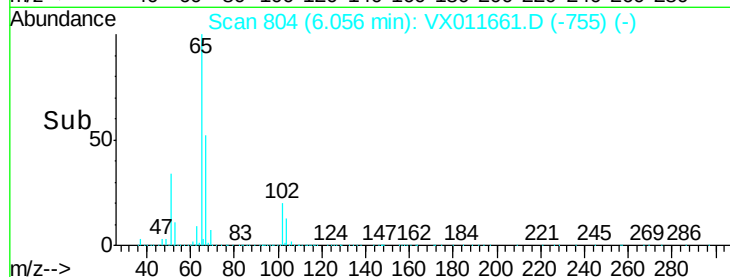
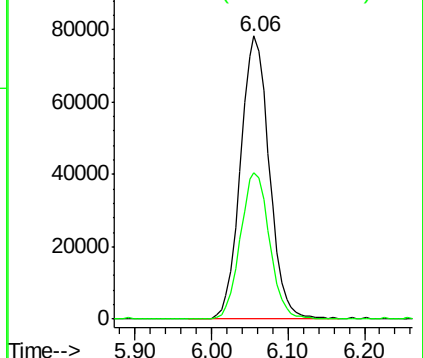
65 100

67 52.9 0.0 107.6



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: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011661.D

Acq: 20 Aug 2019 03:27

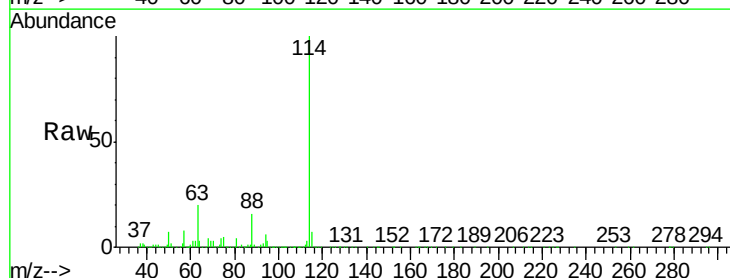
Tgt Ion: 114 Resp: 555680

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.8

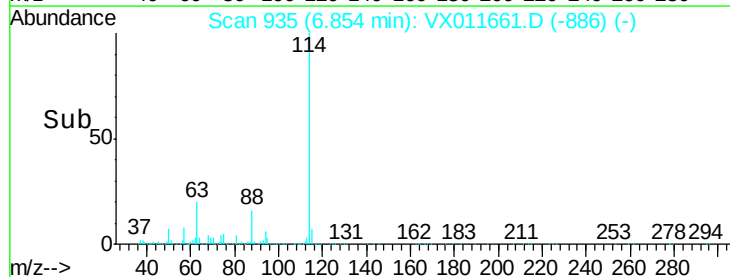
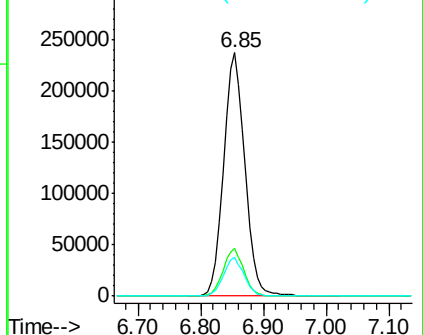
88 15.9 0.0 30.2

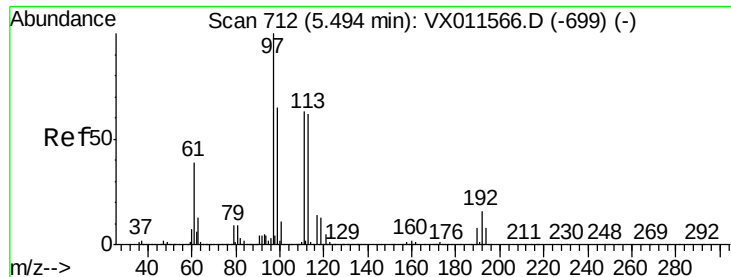


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

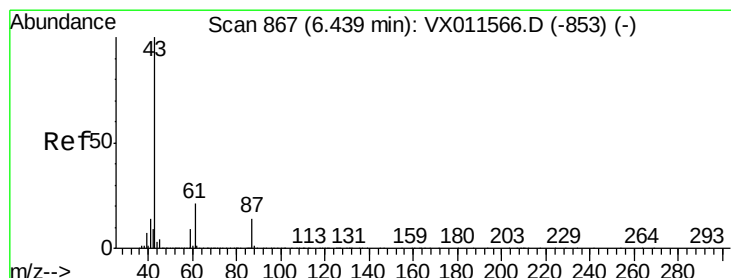
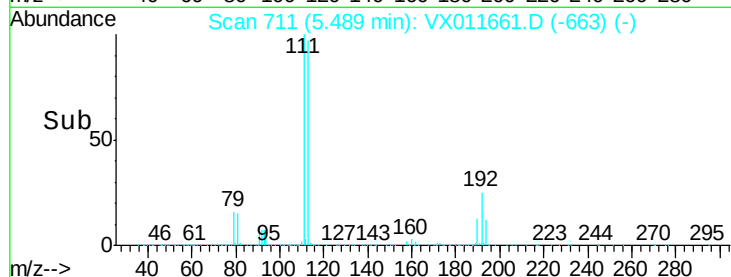
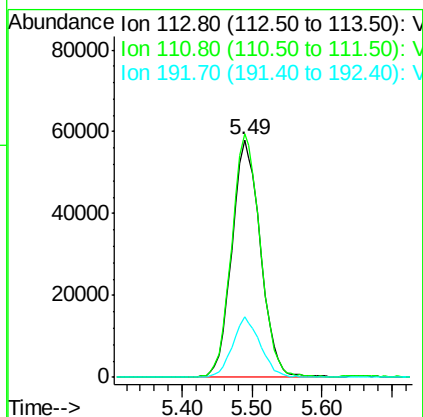
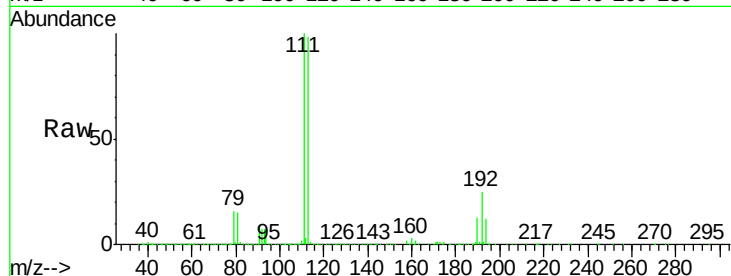




#35
 Dibromofluoromethane
 Concen: 45.124 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011661.D
 Acq: 20 Aug 2019 03:27

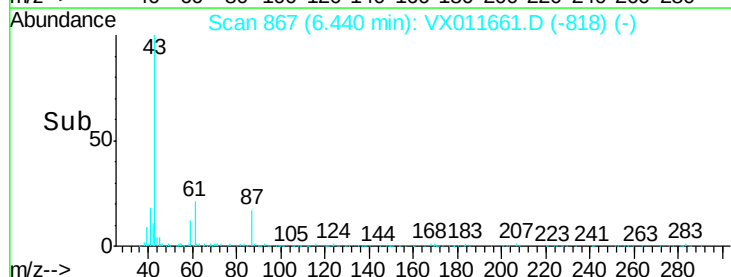
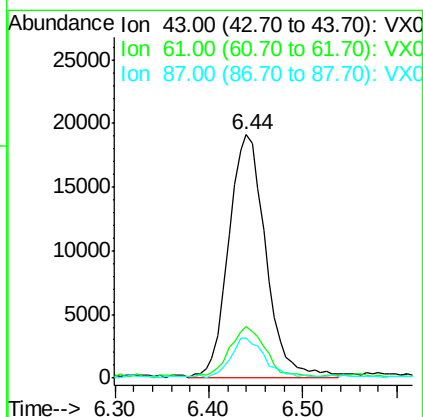
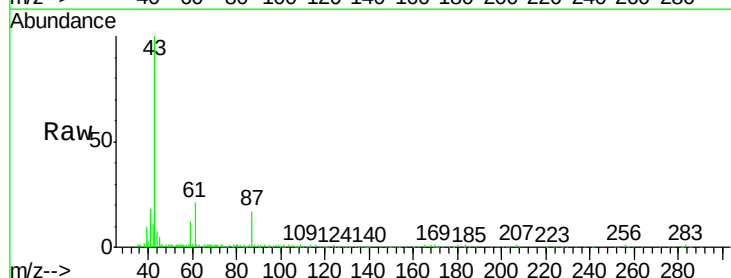
Instrument :
 MSVOA_X
 ClientSampleId :
 T8-C-(0)

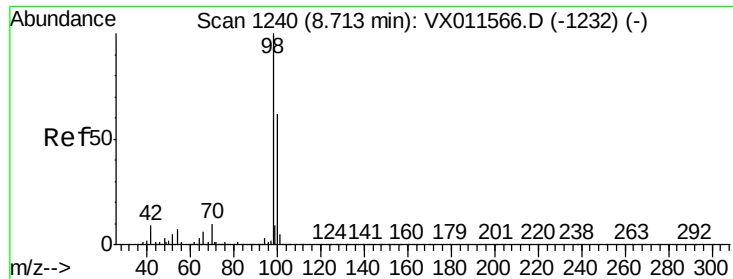
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	24.8	20.8	31.2



#43
 Isopropyl Acetate
 Concen: 6.177 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011661.D
 Acq: 20 Aug 2019 03:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.6	24.8
87	15.3	11.4	17.2





#50

Toluene-d8

Concen: 58.149 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011661.D

Acq: 20 Aug 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

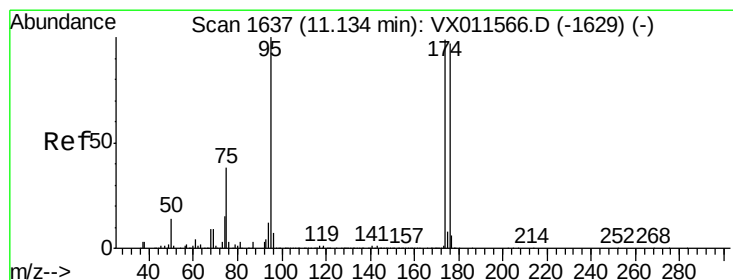
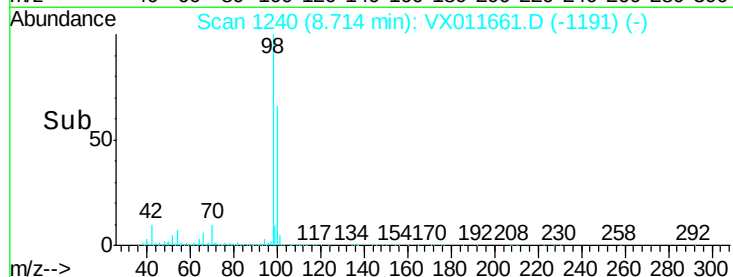
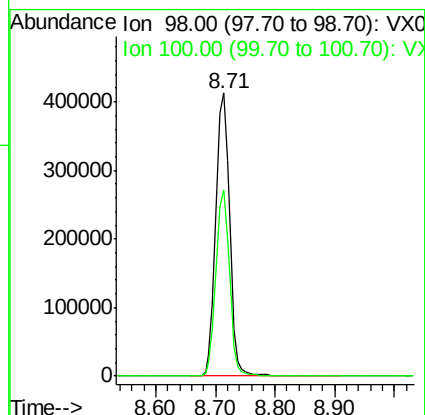
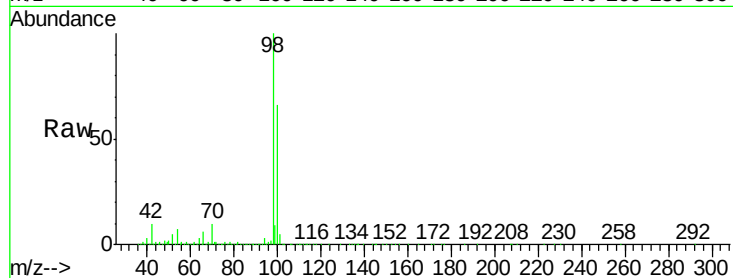
T8-C-(0)

Tot Ion: 98 Resp: 658517

Ion Ratio Lower Upper

98 100

100 64.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 45.415 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011661.D

Acq: 20 Aug 2019 03:27

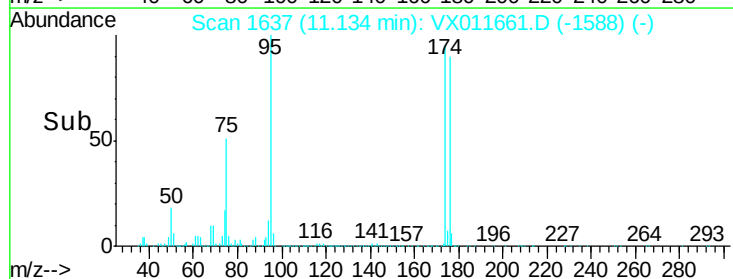
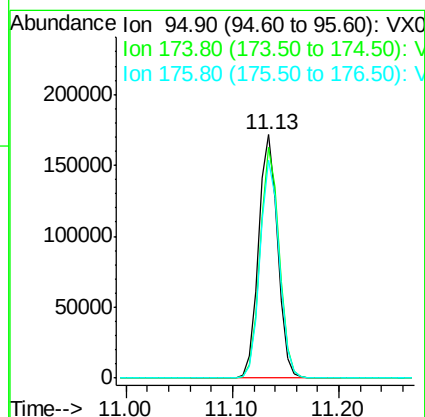
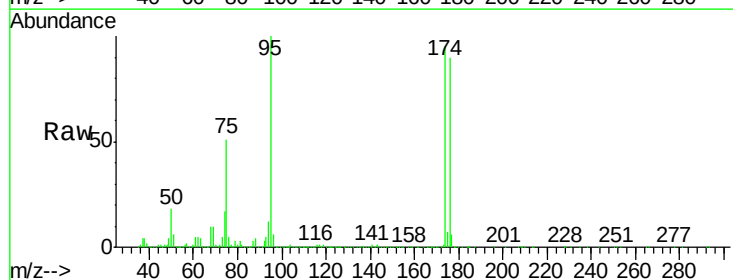
Tgt Ion: 95 Resp: 217082

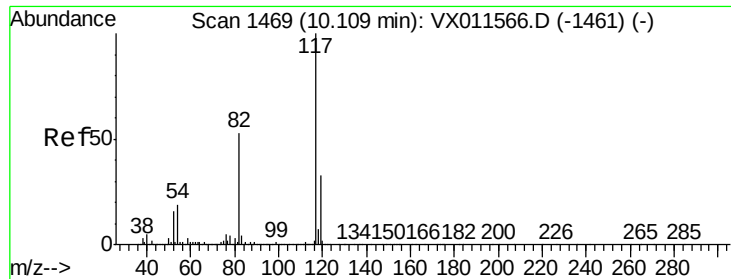
Ion Ratio Lower Upper

95 100

174 94.9 0.0 200.6

176 90.5 0.0 196.6

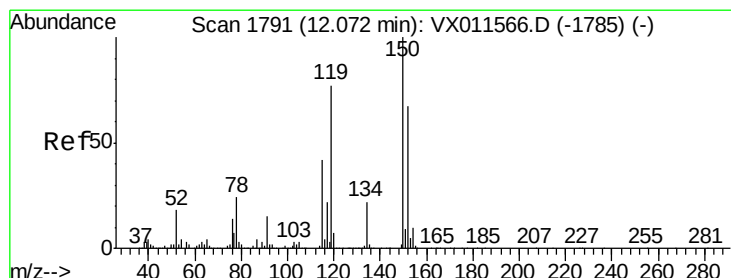
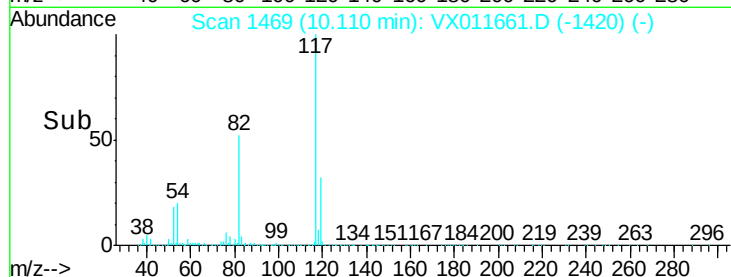
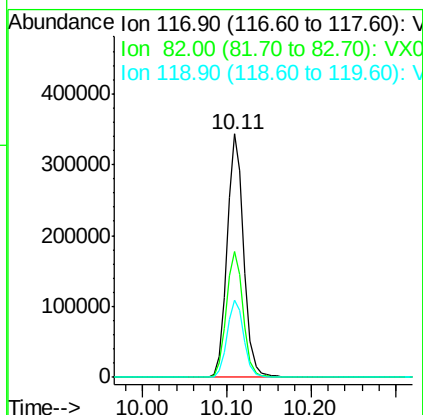
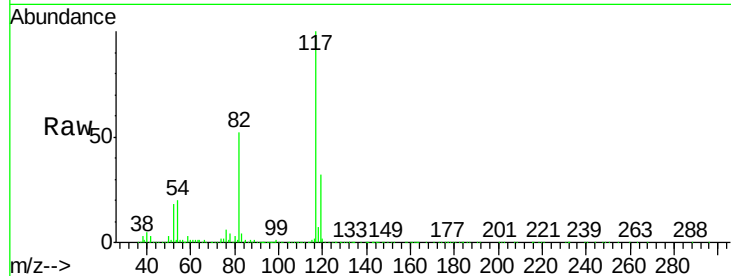




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011661.D
Acq: 20 Aug 2019 03:27

Instrument :
MSVOA_X
ClientSampleId :
T8-C-(0)

Tot Ion:117 Resp: 462221
Ion Ratio Lower Upper
117 100
82 51.8 42.0 63.0
119 31.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011661.D
Acq: 20 Aug 2019 03:27

Tgt Ion:152 Resp: 245477
Ion Ratio Lower Upper
152 100
115 54.0 37.3 111.9
150 154.6 0.0 346.2

