

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011704.D
 Acq On : 20 Aug 2019 23:38
 Operator : JC/SP
 Sample : K4387-27
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T6-D-(0)

Quant Time: Aug 21 01:04:59 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

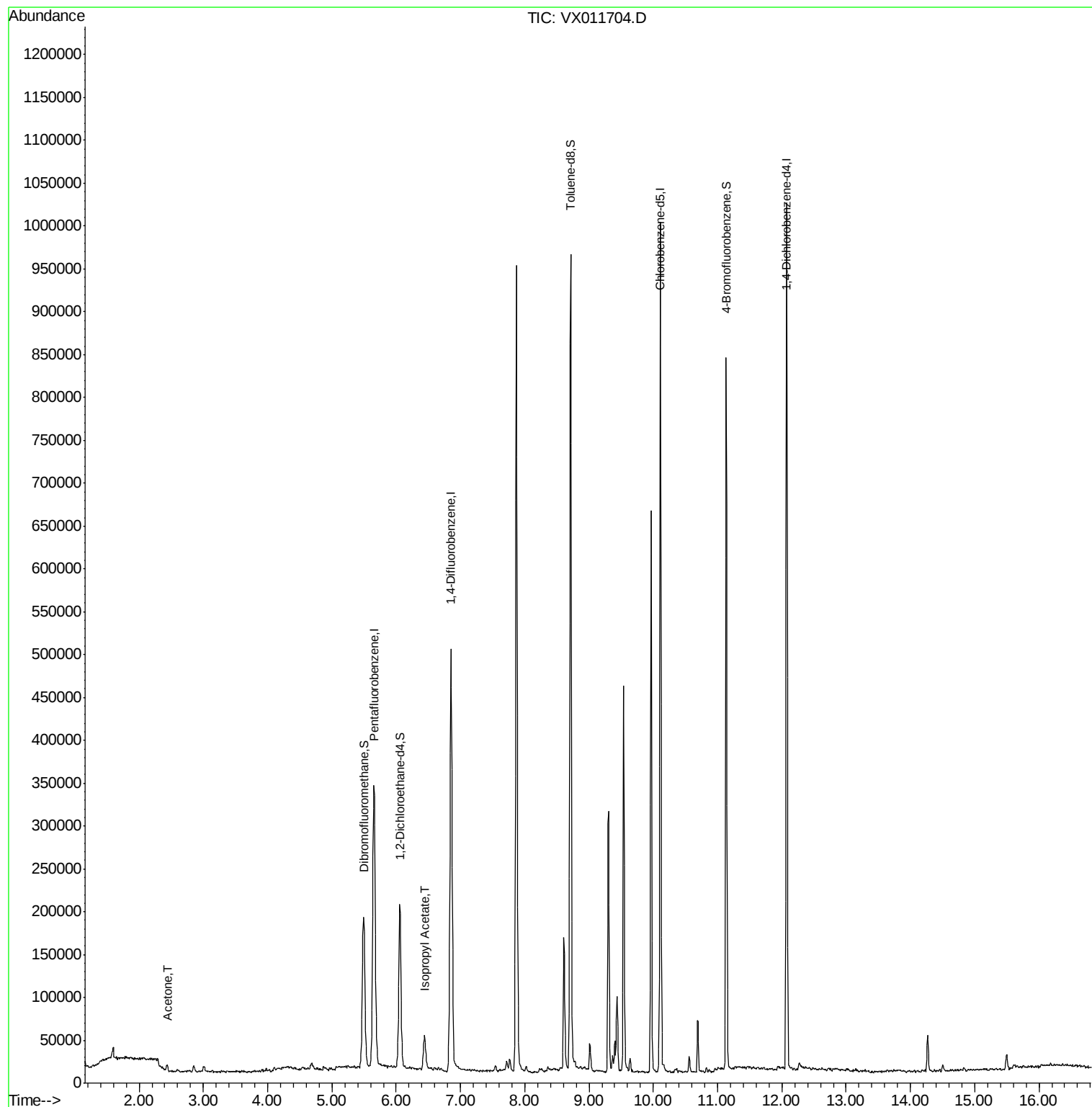
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	342824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	533065	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	485181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	219173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	186061	58.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.04%	
35) Dibromofluoromethane	5.49	113	148621	42.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.26%	
50) Toluene-d8	8.71	98	582181	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
62) 4-Bromofluorobenzene	11.13	95	204696	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	
Target Compounds						
16) Acetone	2.43	43	8517	5.328	ug/l	91
43) Isopropyl Acetate	6.44	43	54297	6.637	ug/l	98

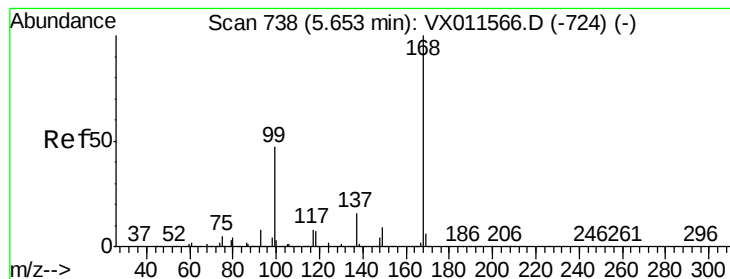
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011704.D

Acq: 20 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampled :

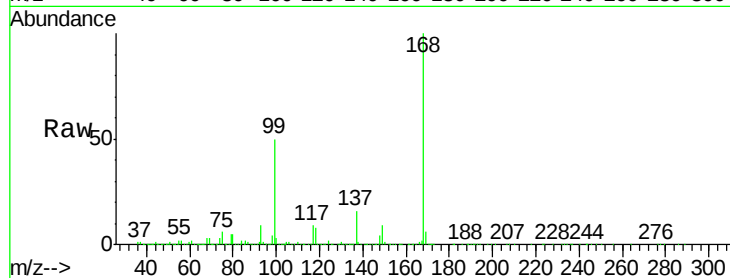
T6-D-(0)

Tot Ion:168 Resp: 342824

Ion Ratio Lower Upper

168 100

99 49.9 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

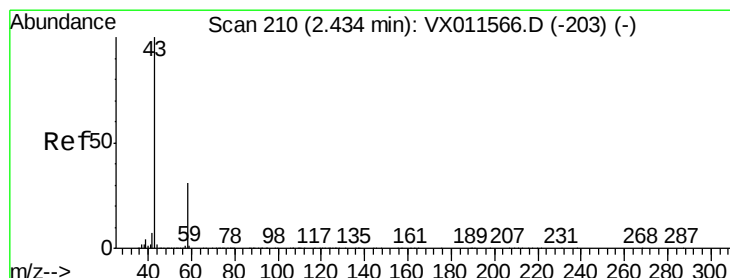
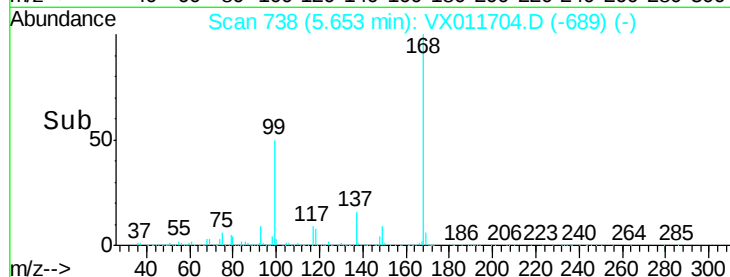
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.328 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011704.D

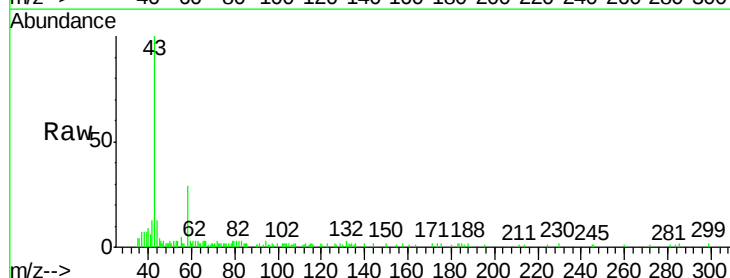
Acq: 20 Aug 2019 23:38

Tgt Ion: 43 Resp: 8517

Ion Ratio Lower Upper

43 100

58 26.8 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

5000

4000

3000

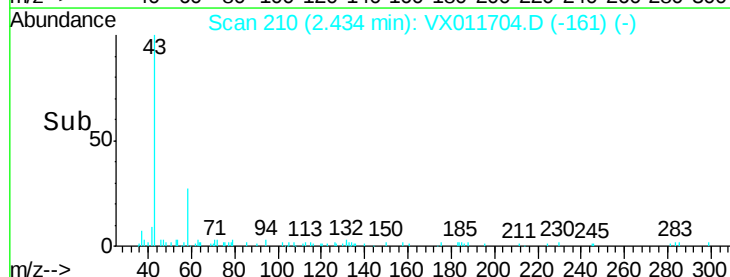
2000

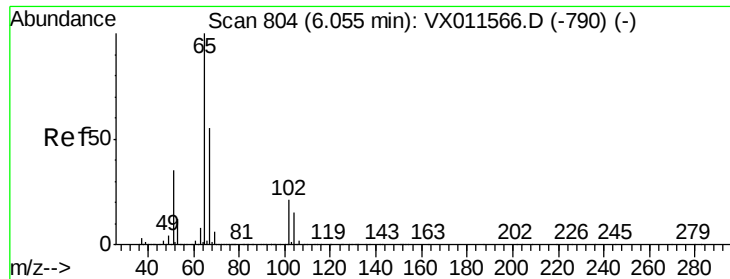
1000

0

Time-->

2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 58.524 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011704.D

Acq: 20 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

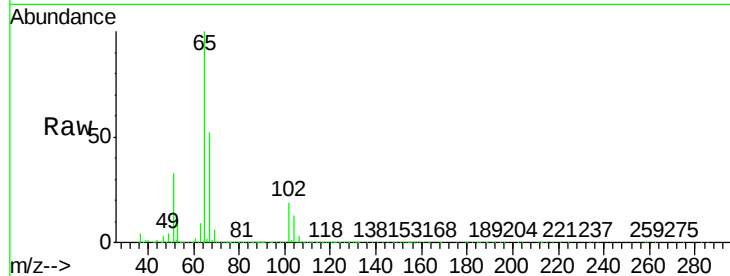
T6-D-(0)

Tot Ion: 65 Resp: 186061

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

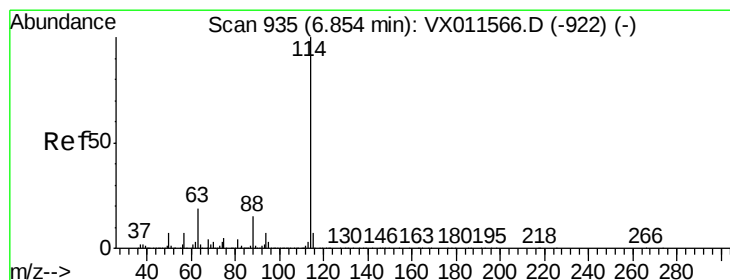
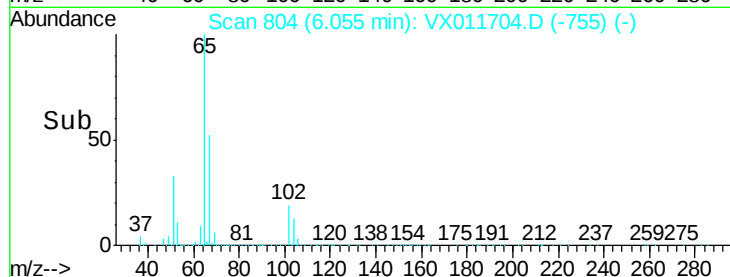
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011704.D

Acq: 20 Aug 2019 23:38

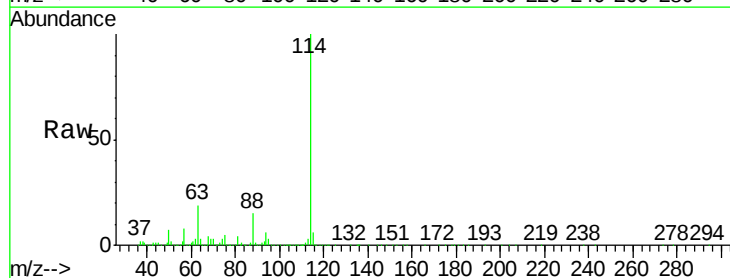
Tgt Ion: 114 Resp: 533065

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.8

88 15.0 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

6.85

300000

250000

200000

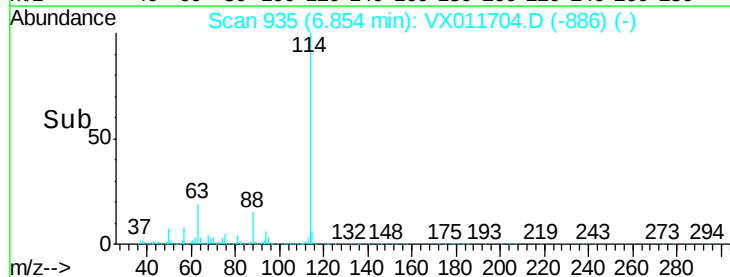
150000

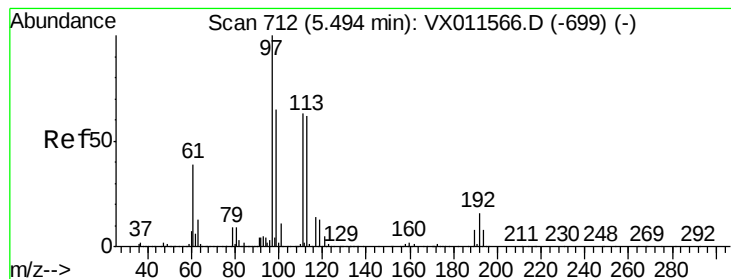
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 42.627 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011704.D

Acq: 20 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

T6-D-(0)

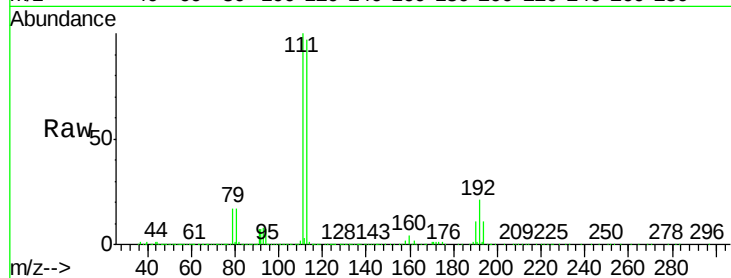
Tot Ion:113 Resp: 148621

Ion Ratio Lower Upper

113 100

111 103.2 81.1 121.7

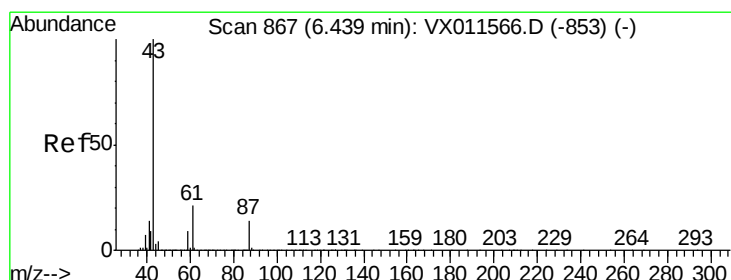
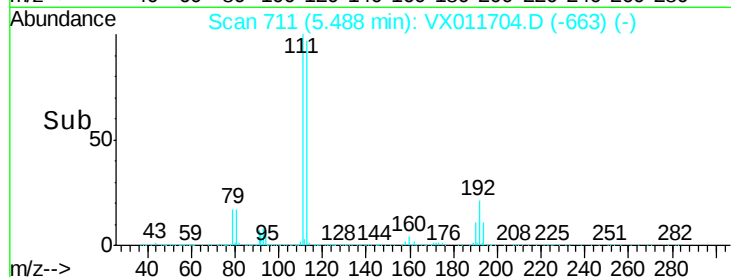
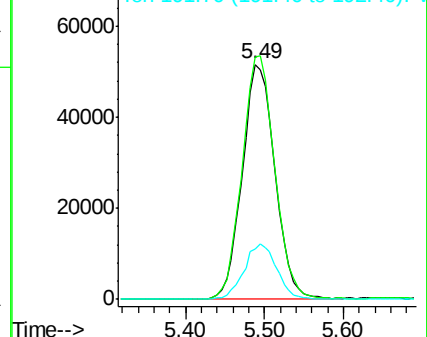
192 23.8 20.8 31.2



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: 6.637 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011704.D

Acq: 20 Aug 2019 23:38

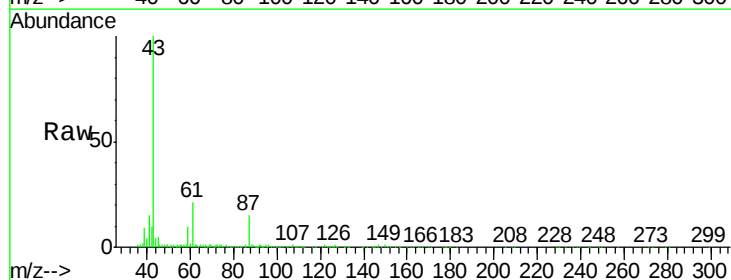
Tgt Ion: 43 Resp: 54297

Ion Ratio Lower Upper

43 100

61 22.0 16.6 24.8

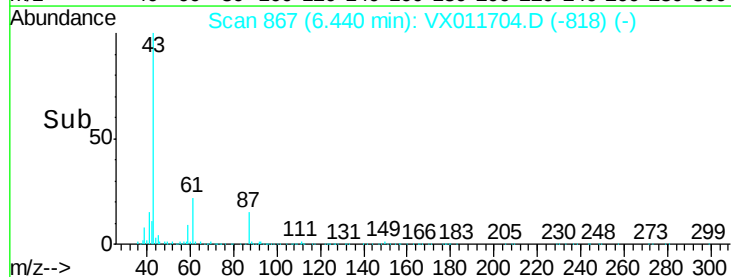
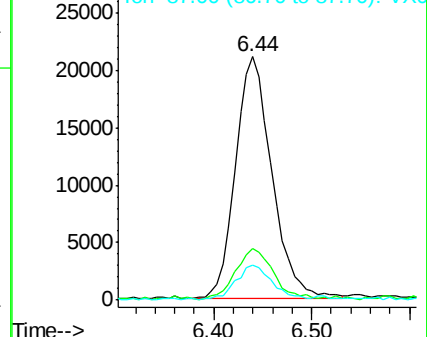
87 14.6 11.4 17.2

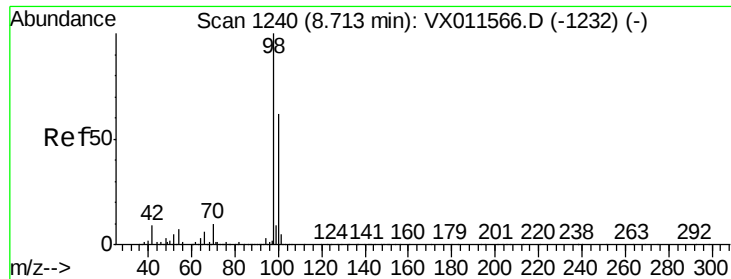


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 53.589 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011704.D

Acq: 20 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

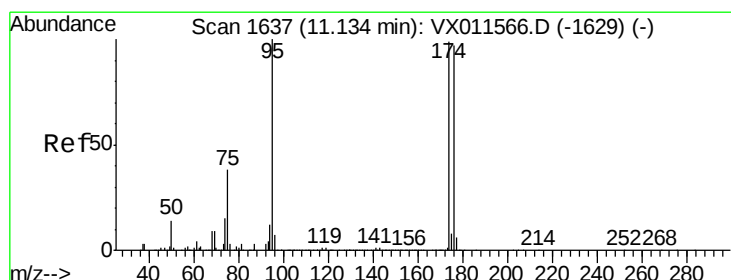
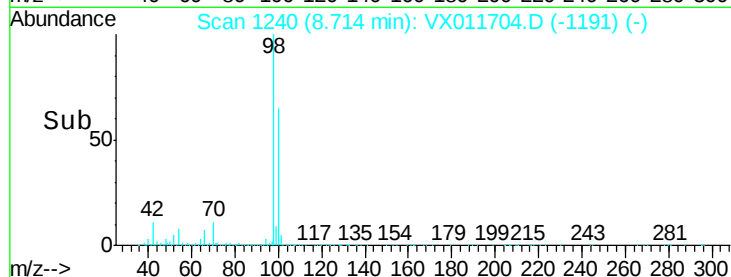
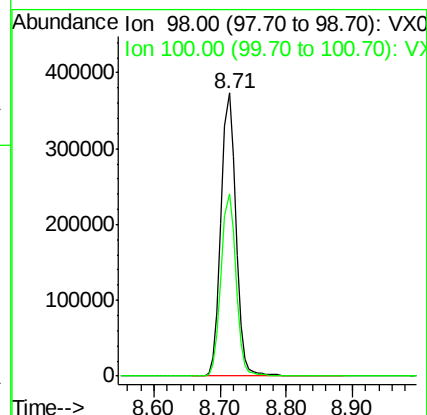
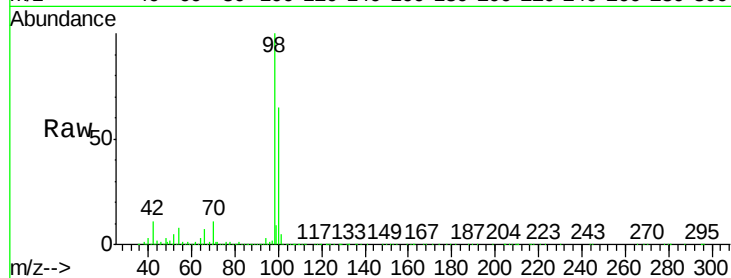
T6-D-(0)

Tot Ion: 98 Resp: 582181

Ion Ratio Lower Upper

98 100

100 64.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.641 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011704.D

Acq: 20 Aug 2019 23:38

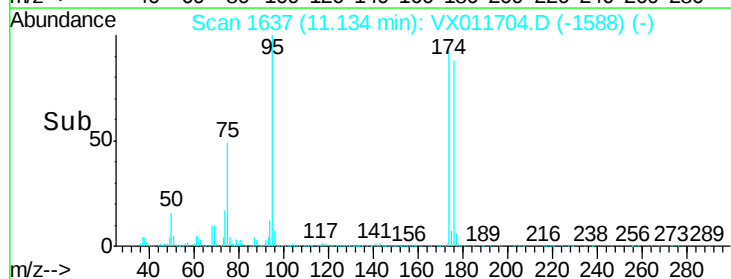
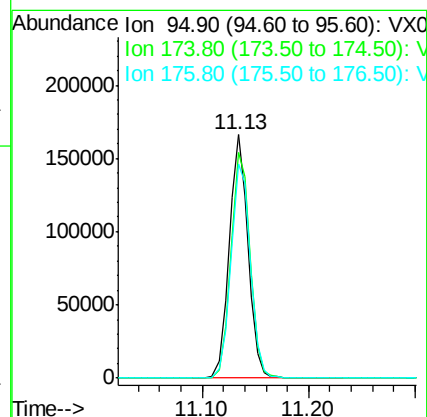
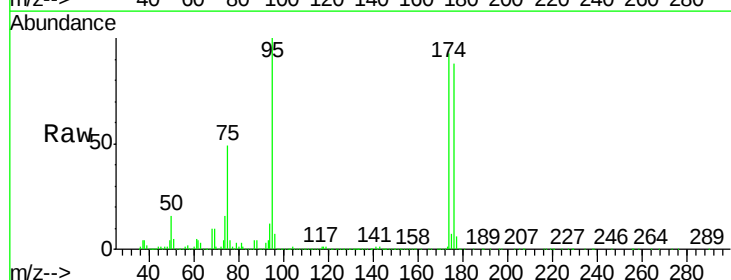
Tgt Ion: 95 Resp: 204696

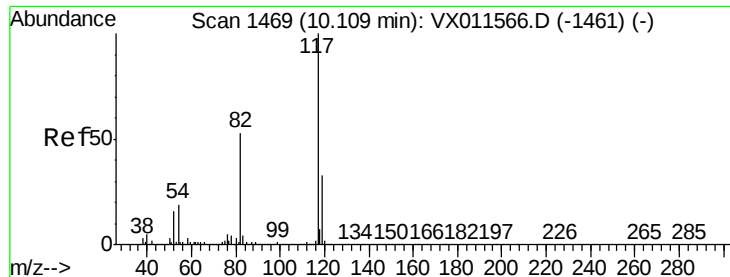
Ion Ratio Lower Upper

95 100

174 95.5 0.0 200.6

176 91.8 0.0 196.6

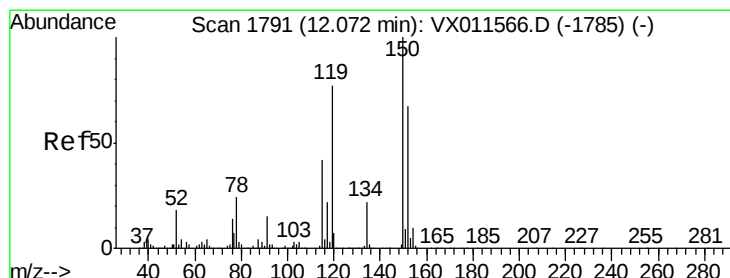
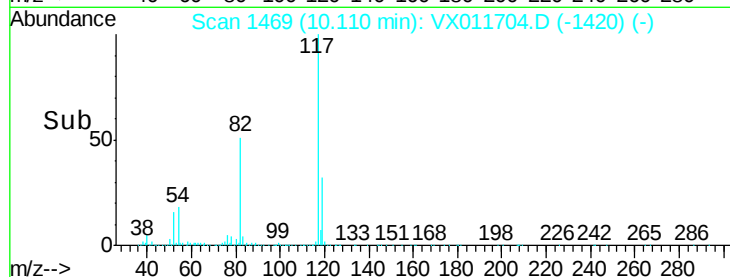
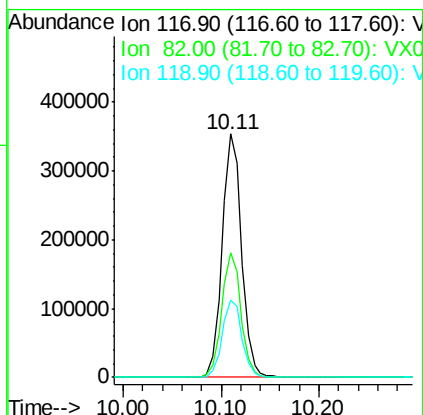
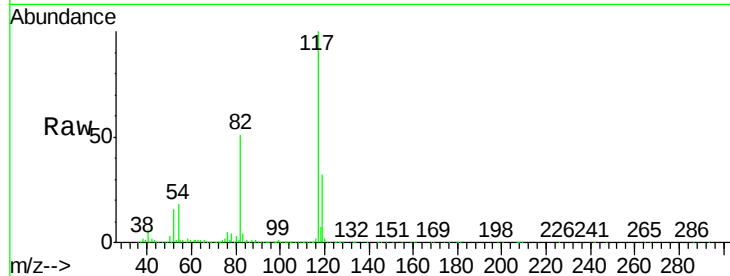




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011704.D
Acq: 20 Aug 2019 23:38

Instrument :
MSVOA_X
ClientSampleId :
T6-D-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	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: VX011704.D
Acq: 20 Aug 2019 23:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	37.3	111.9
150	157.0	0.0	346.2

