

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011768.D
 Acq On : 22 Aug 2019 17:42
 Operator : JC/SP
 Sample : K4388-38
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T6-E2-(0)

Quant Time: Aug 23 03:18:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

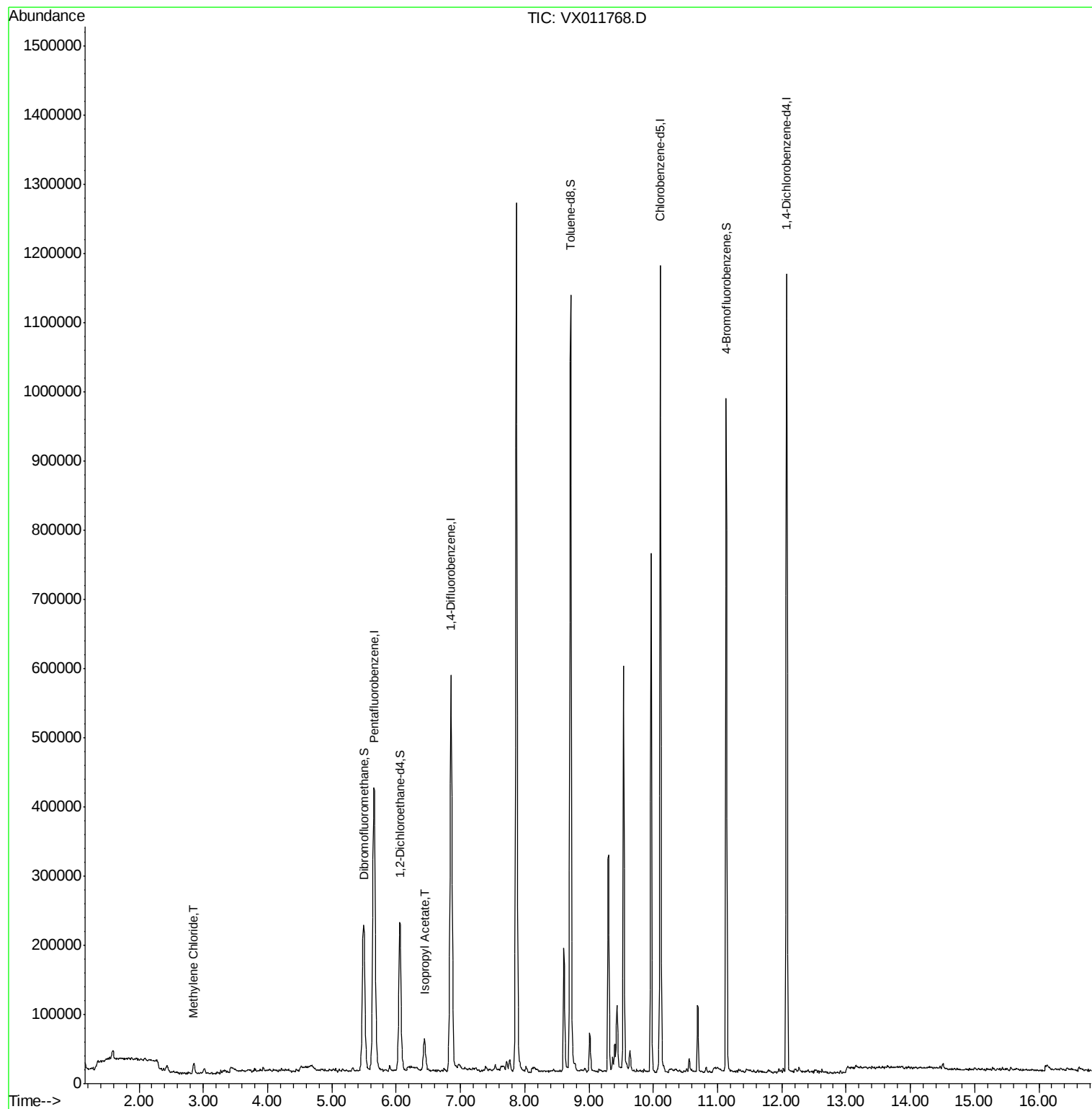
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	450481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	611522	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	547335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	266251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	212535	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
35) Dibromofluoromethane	5.49	113	185351	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
50) Toluene-d8	8.71	98	691598	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.13	95	239447	43.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.84%	
Target Compounds						
20) Methylene Chloride	2.85	84	8849	2.199	ug/l	91
43) Isopropyl Acetate	6.44	43	65032	7.918	ug/l	99

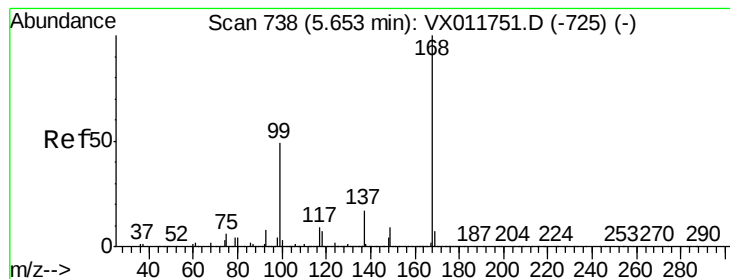
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011768.D

Acq: 22 Aug 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

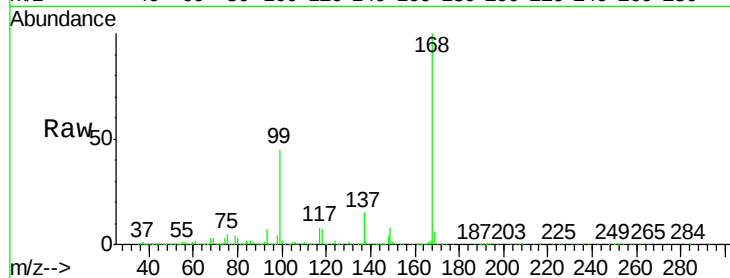
T6-E2-(0)

Tot Ion:168 Resp: 450481

Ion Ratio Lower Upper

168 100

99 44.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

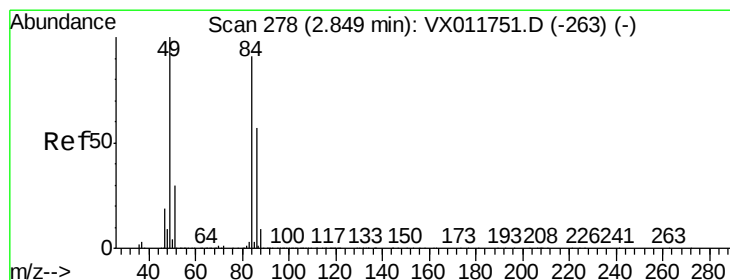
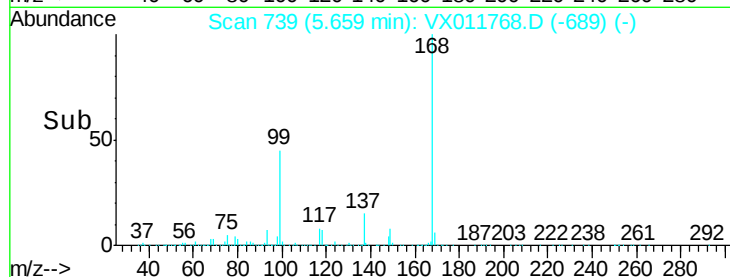
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.199 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX011768.D

Acq: 22 Aug 2019 17:42

Tgt Ion: 84 Resp: 8849

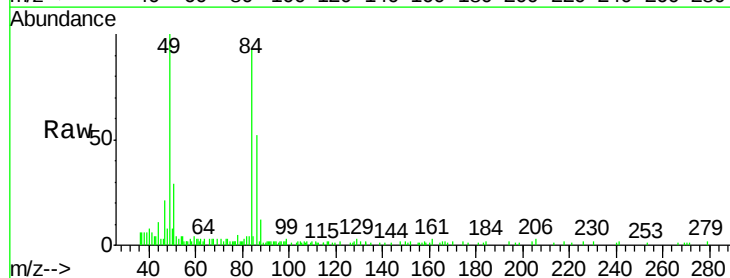
Ion Ratio Lower Upper

84 100

49 103.9 88.3 132.5

51 28.6 26.2 39.2

86 52.9 50.6 76.0



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

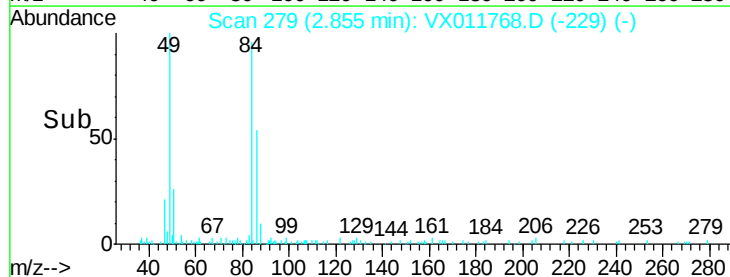
6000

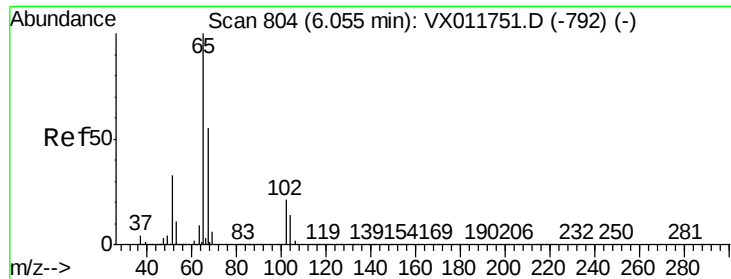
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.965 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011768.D

Acq: 22 Aug 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

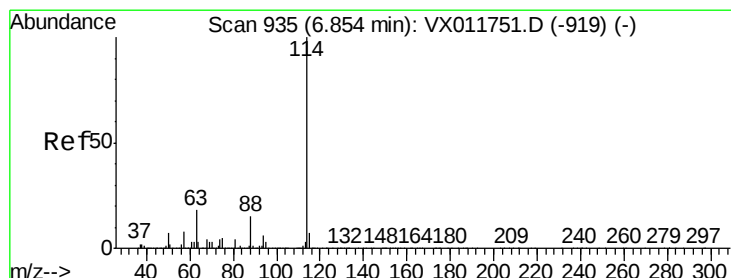
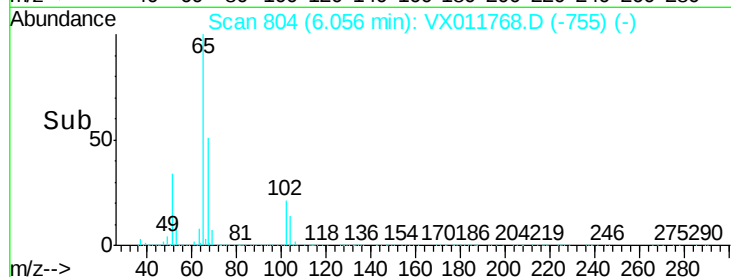
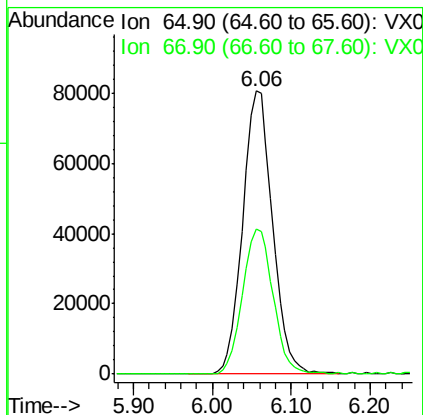
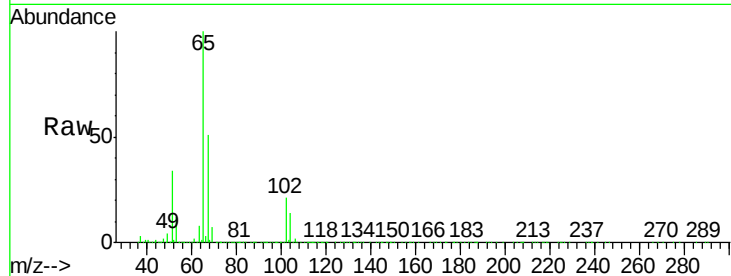
T6-E2-(0)

Tot Ion: 65 Resp: 212535

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011768.D

Acq: 22 Aug 2019 17:42

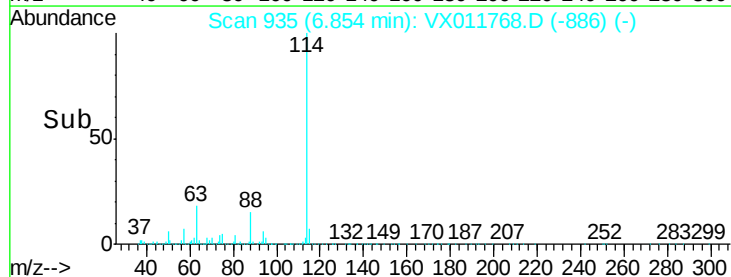
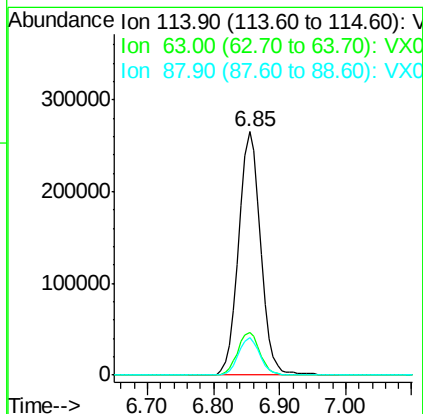
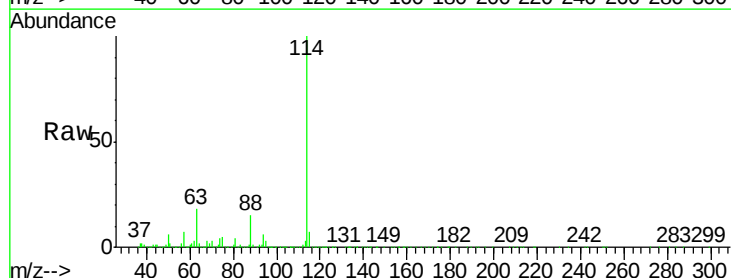
Tgt Ion: 114 Resp: 611522

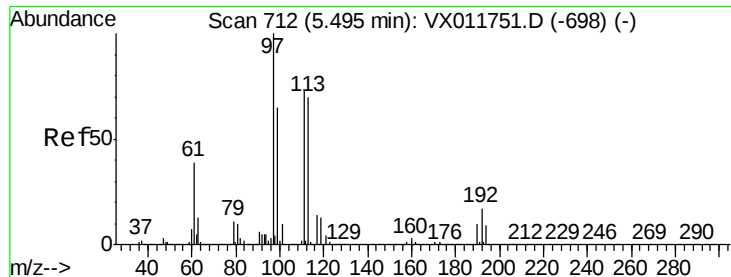
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.8

88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 46.873 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011768.D

Acq: 22 Aug 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

T6-E2-(0)

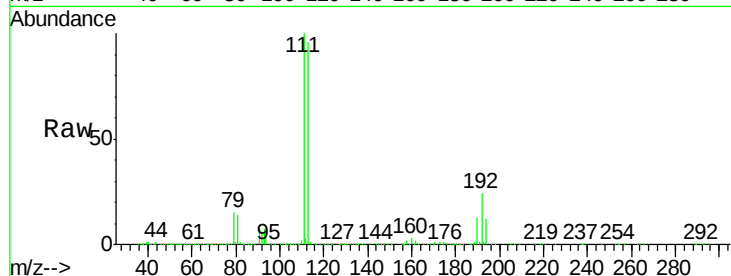
Tot Ion:113 Resp: 185351

Ion Ratio Lower Upper

113 100

111 101.8 81.0 121.4

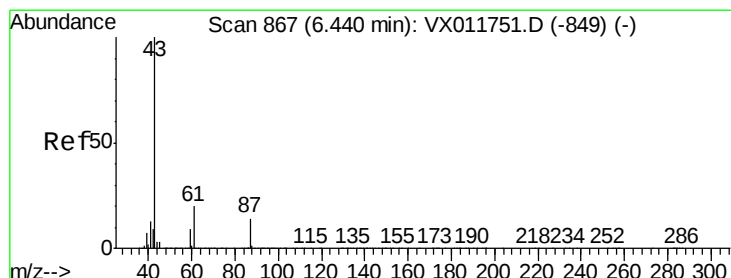
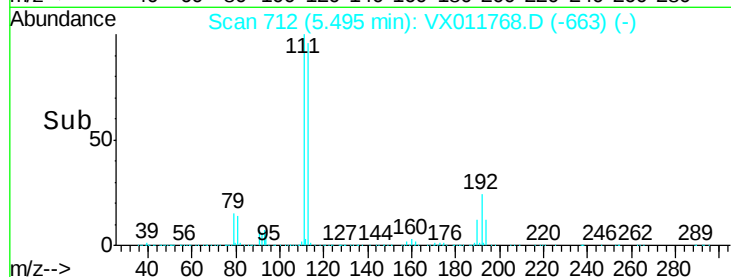
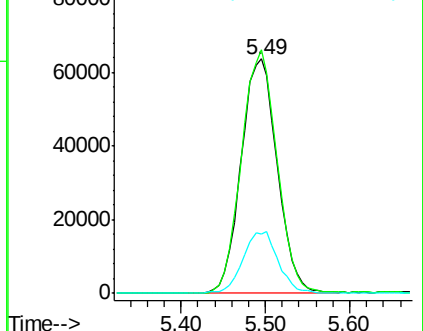
192 25.7 19.9 29.9



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: 7.918 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011768.D

Acq: 22 Aug 2019 17:42

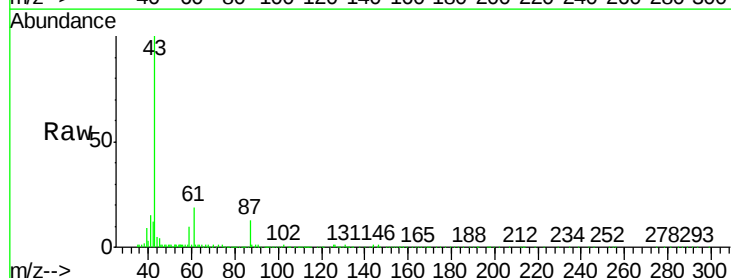
Tgt Ion: 43 Resp: 65032

Ion Ratio Lower Upper

43 100

61 20.2 16.2 24.2

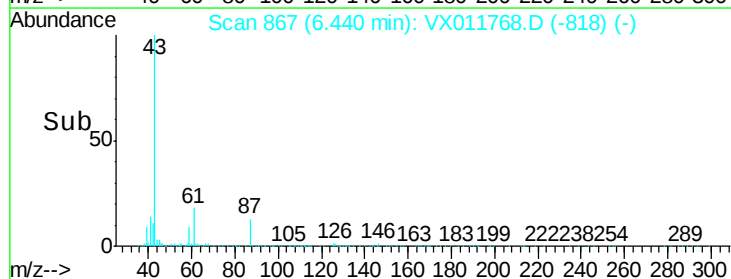
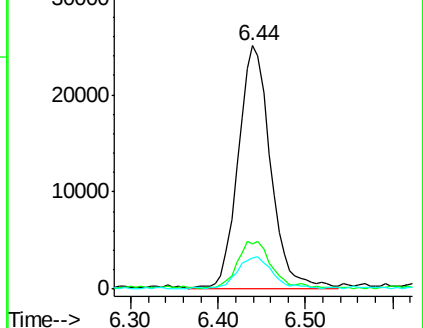
87 13.8 11.6 17.4

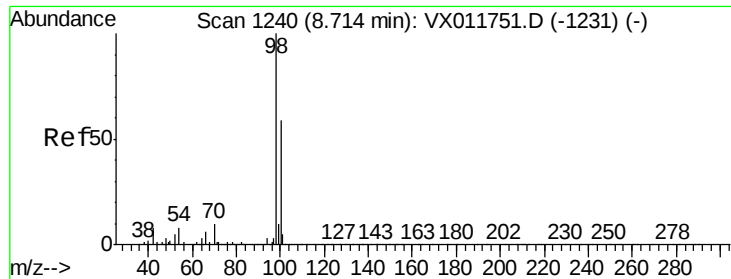


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

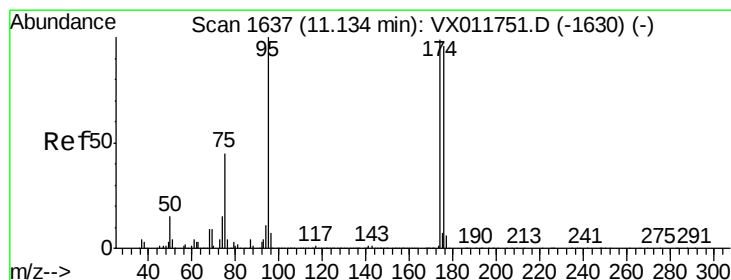
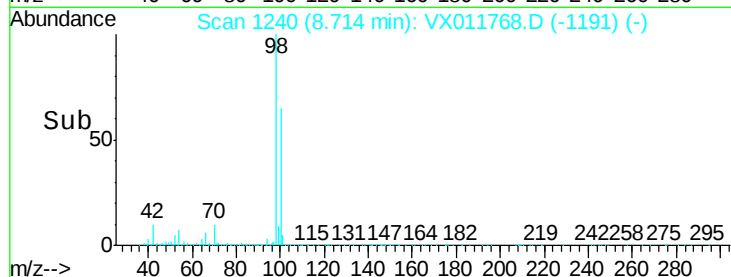
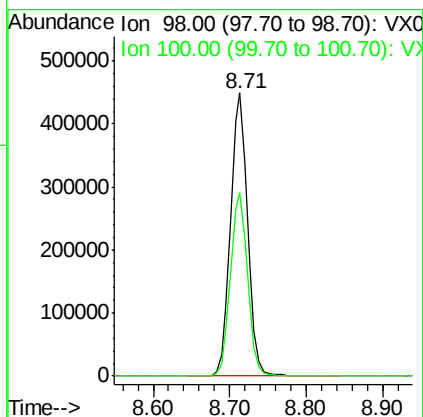
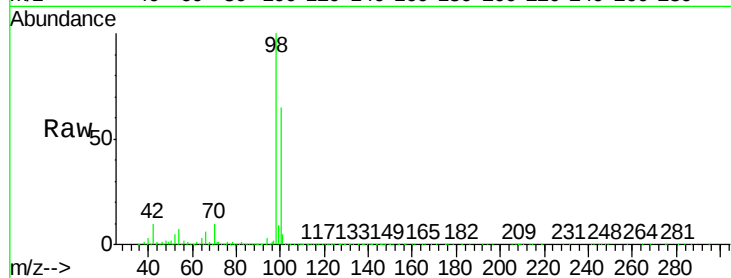




#50
Toluene-d8
Concen: 50.142 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011768.D
Acq: 22 Aug 2019 17:42

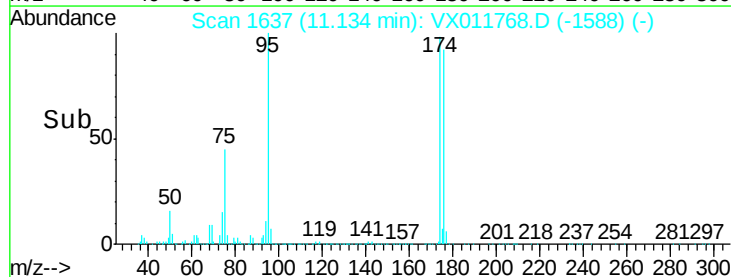
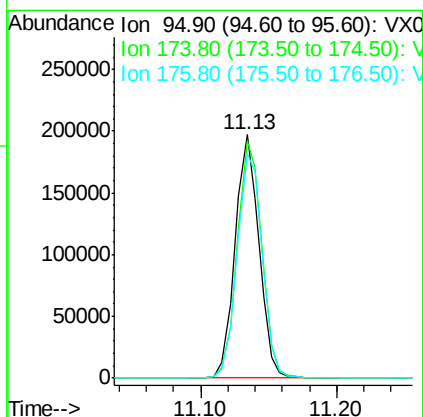
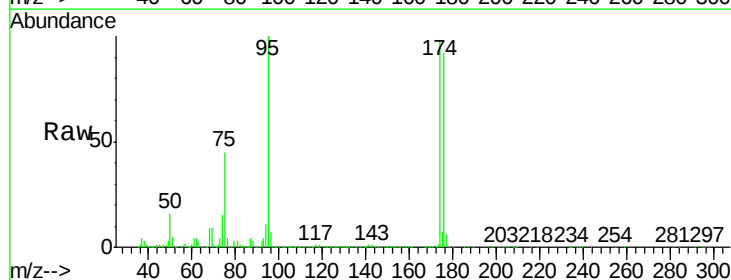
Instrument :
MSVOA_X
ClientSampleId :
T6-E2-(0)

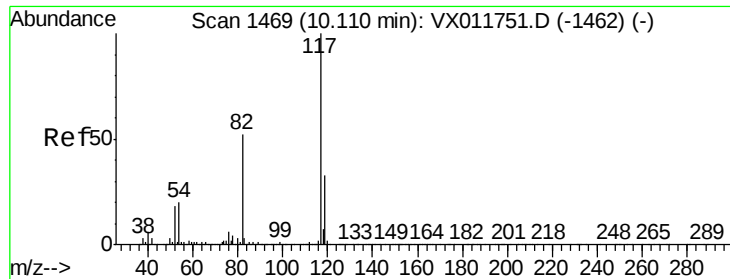
Tot Ion: 98 Resp: 691598
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.921 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011768.D
Acq: 22 Aug 2019 17:42

Tgt Ion: 95 Resp: 239447
Ion Ratio Lower Upper
95 100
174 101.1 0.0 197.4
176 97.4 0.0 194.4

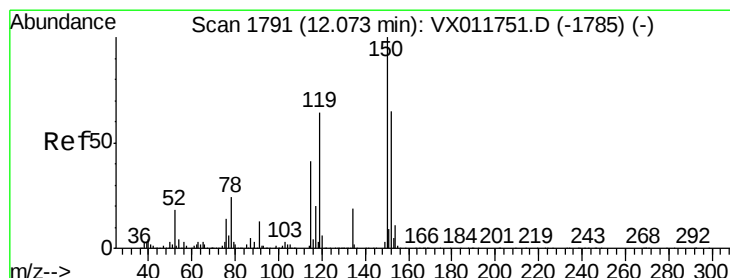
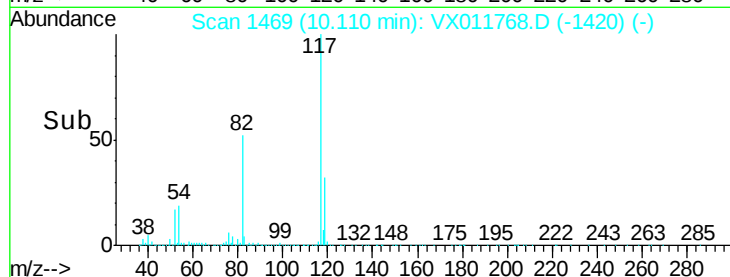
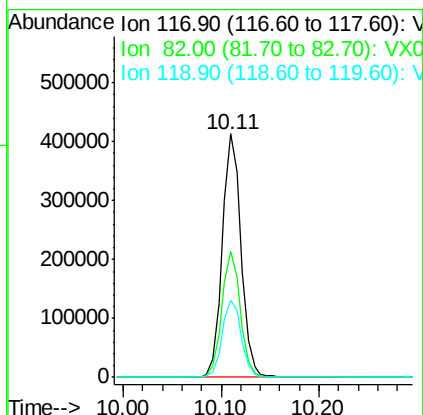
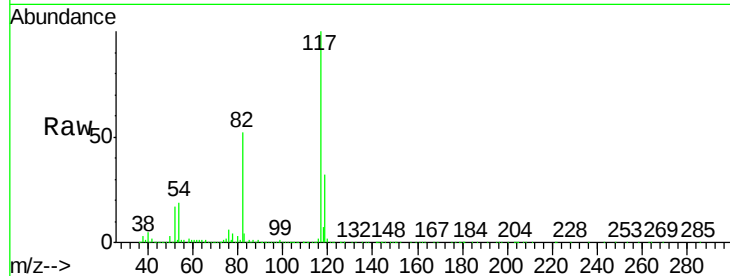




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011768.D
Acq: 22 Aug 2019 17:42

Instrument :
MSVOA_X
ClientSampled :
T6-E2-(0)

Tot Ion:117 Resp: 547335
Ion Ratio Lower Upper
117 100
82 51.7 41.7 62.5
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011768.D
Acq: 22 Aug 2019 17:42

Tgt Ion:152 Resp: 266251
Ion Ratio Lower Upper
152 100
115 53.5 37.3 111.8
150 157.0 0.0 343.0

