

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011703.D
 Acq On : 20 Aug 2019 23:14
 Operator : JC/SP
 Sample : K4387-25
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T6-C-(2)

Quant Time: Aug 21 01:03:14 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

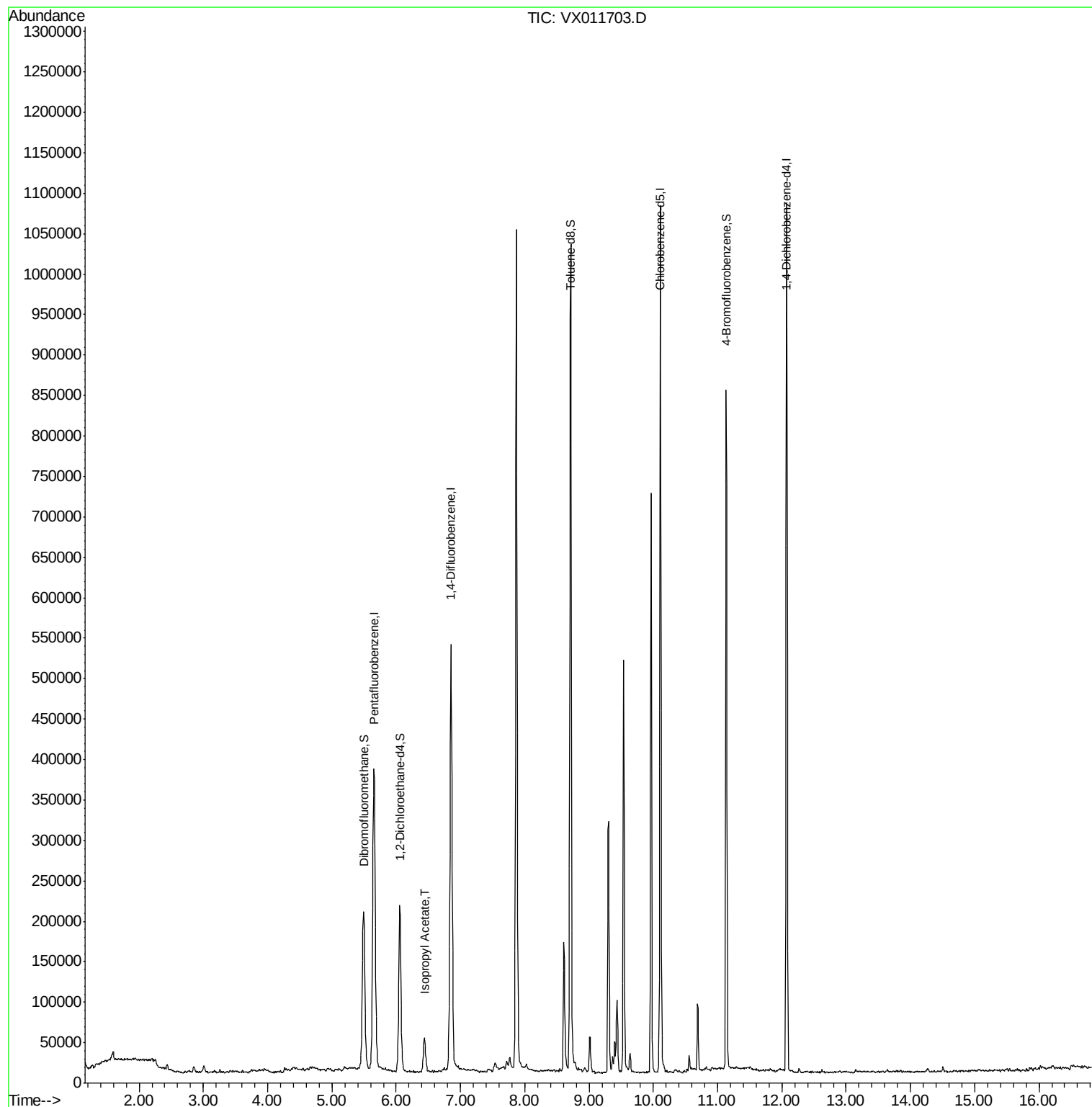
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	390377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	557359	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	509138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	237454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	200185	55.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.60%	
35) Dibromofluoromethane	5.49	113	164003	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
50) Toluene-d8	8.71	98	627159	55.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.42%	
62) 4-Bromofluorobenzene	11.13	95	211785	44.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.34%	
Target Compounds						
43) Isopropyl Acetate	6.44	43	59485	6.954	ug/l	98

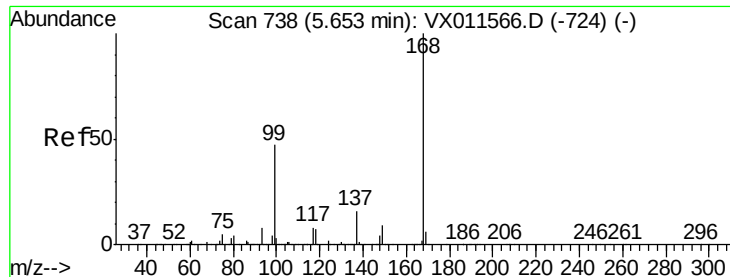
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011703.D

Acq: 20 Aug 2019 23:14

Instrument :

MSVOA_X

ClientSampled :

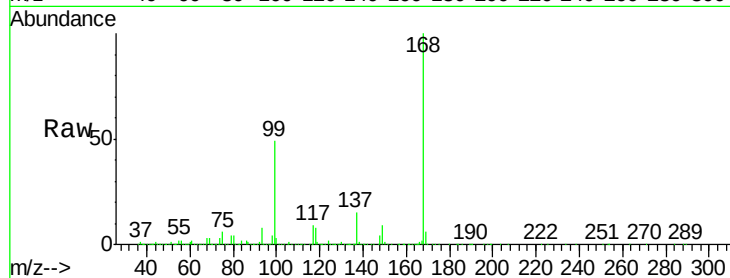
T6-C-(2)

Tot Ion:168 Resp: 390377

Ion Ratio Lower Upper

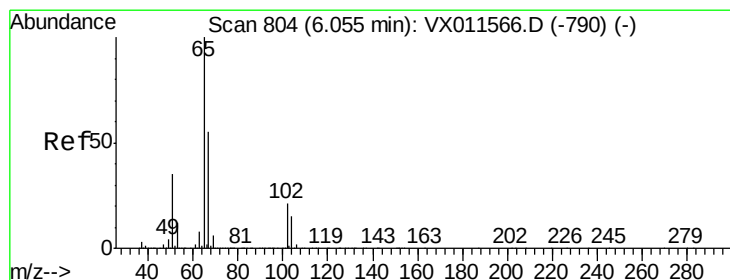
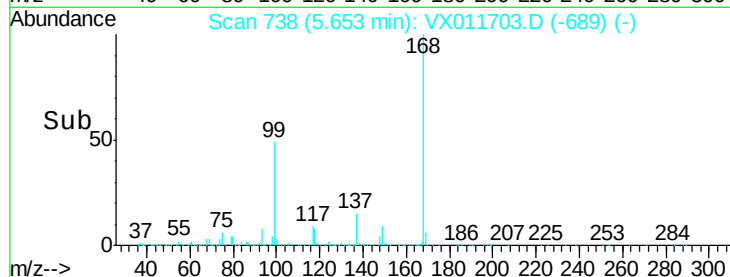
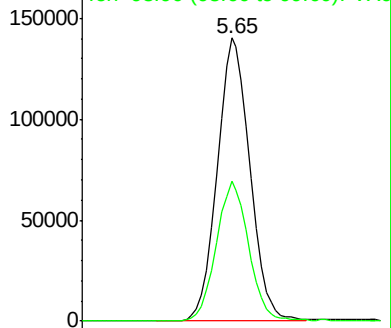
168 100

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



#33

1,2-Dichloroethane-d4

Concen: 55.296 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011703.D

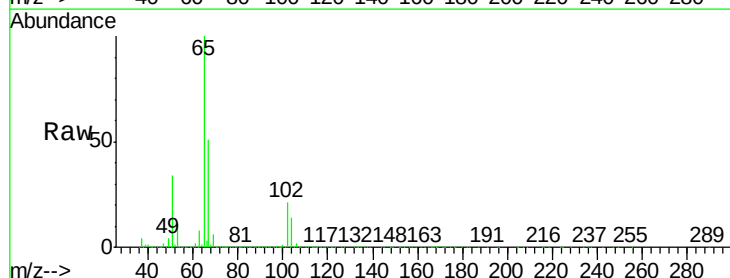
Acq: 20 Aug 2019 23:14

Tgt Ion: 65 Resp: 200185

Ion Ratio Lower Upper

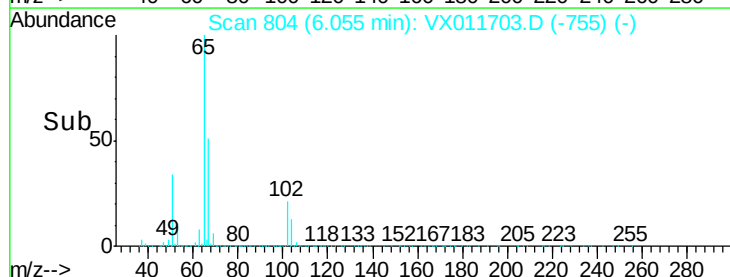
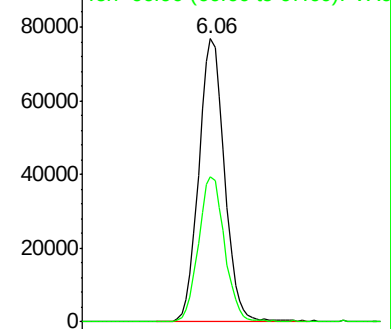
65 100

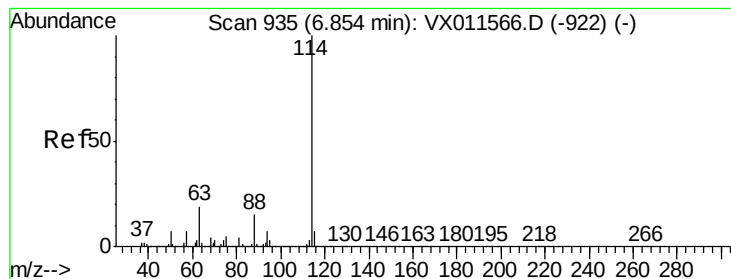
67 52.0 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011703.D

Acq: 20 Aug 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

T6-C-(2)

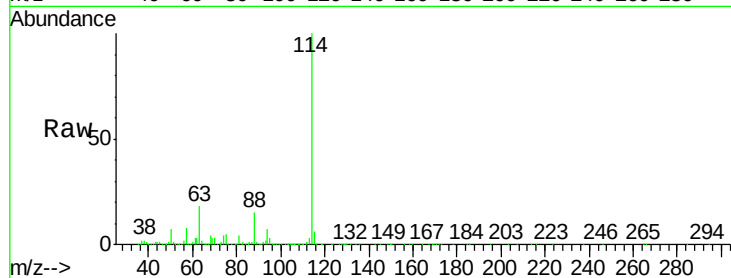
Tot Ion:114 Resp: 557359

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.8

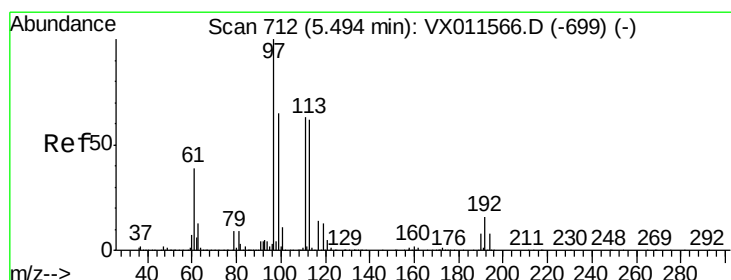
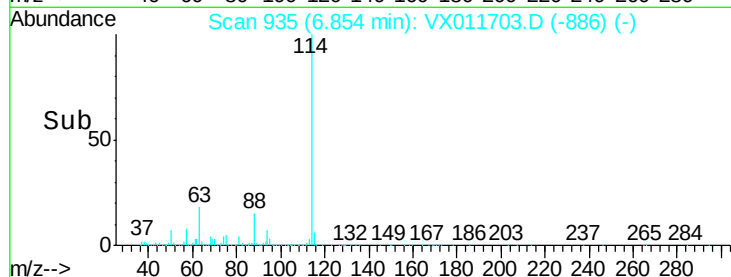
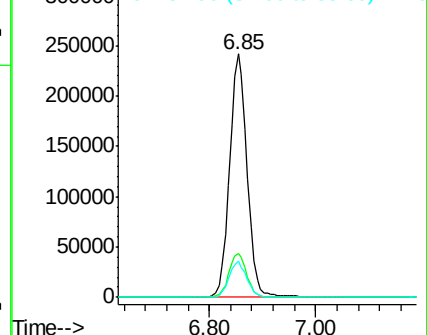
88 14.6 0.0 30.2



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: 44.988 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011703.D

Acq: 20 Aug 2019 23:14

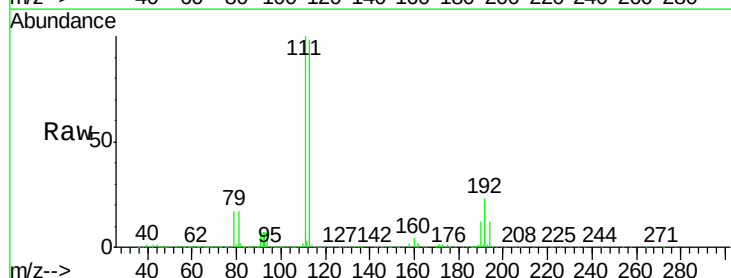
Tgt Ion:113 Resp: 164003

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

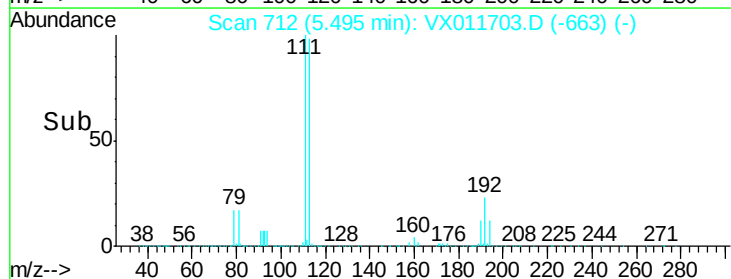
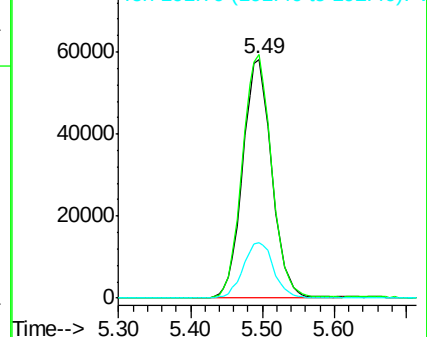
192 24.3 20.8 31.2

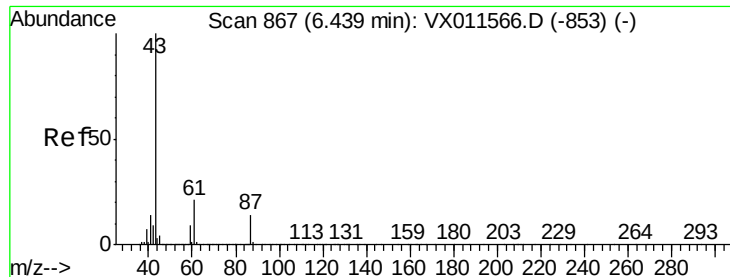


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.954 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011703.D

Acq: 20 Aug 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

T6-C-(2)

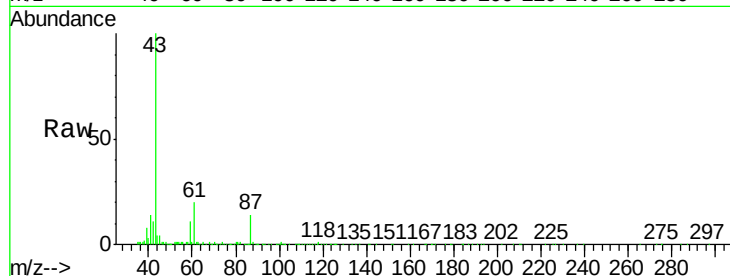
Tot Ion: 43 Resp: 59485

Ion Ratio Lower Upper

43 100

61 21.5 16.6 24.8

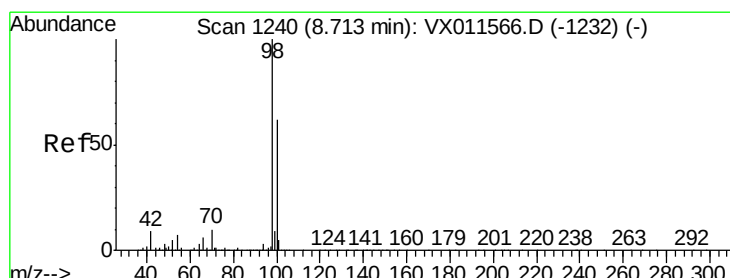
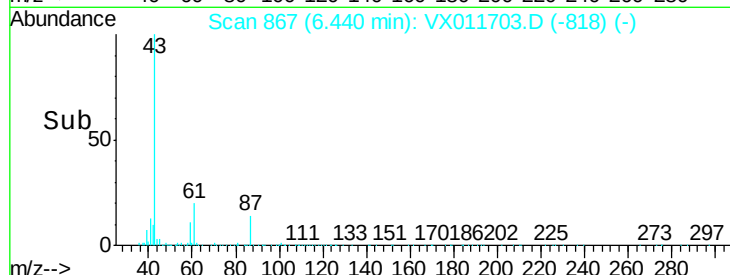
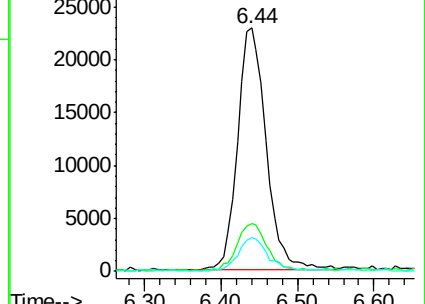
87 15.0 11.4 17.2



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: 55.213 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011703.D

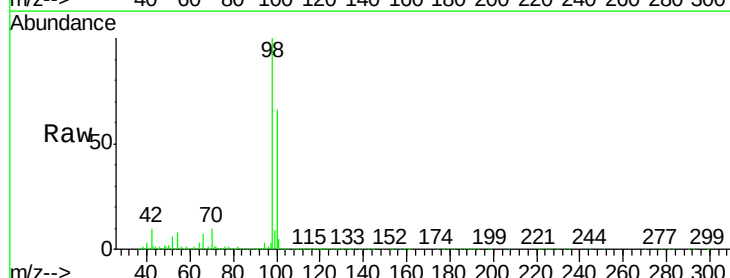
Acq: 20 Aug 2019 23:14

Tgt Ion: 98 Resp: 627159

Ion Ratio Lower Upper

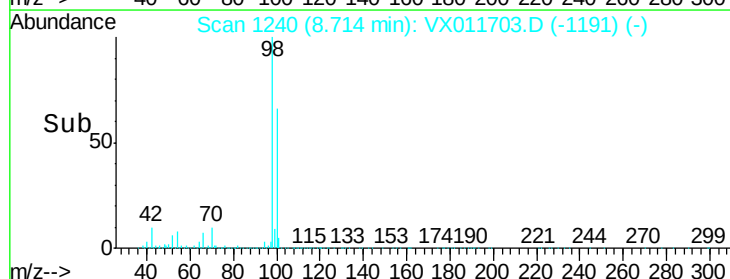
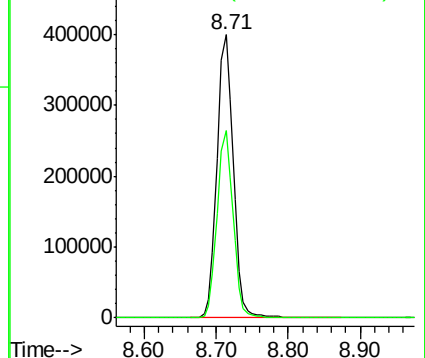
98 100

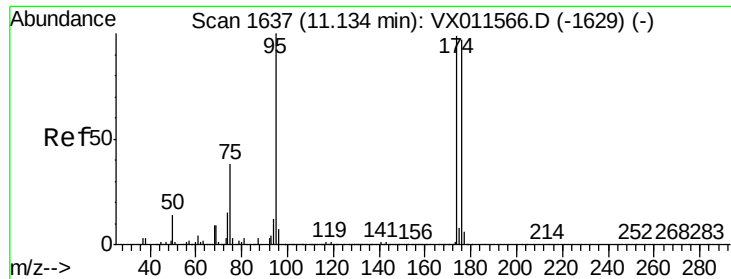
100 64.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.173 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011703.D

Acq: 20 Aug 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

T6-C-(2)

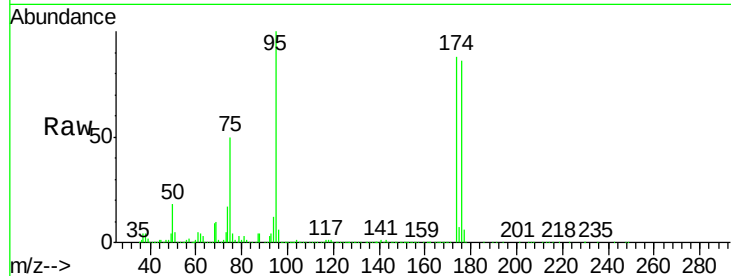
Tot Ion: 95 Resp: 211785

Ion Ratio Lower Upper

95 100

174 94.0 0.0 200.6

176 90.6 0.0 196.6

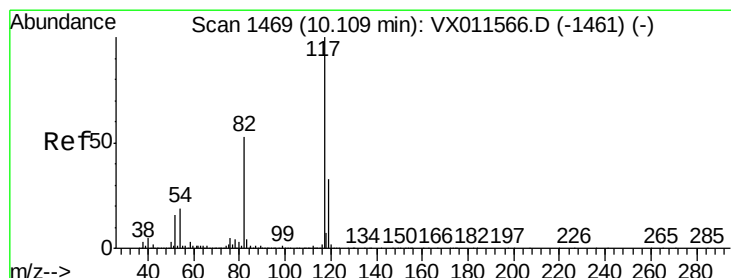
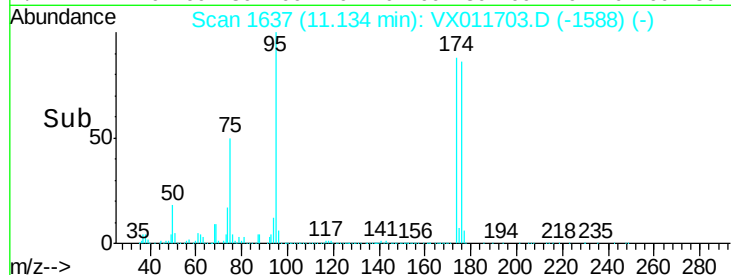


Abundance Ion 94.90 (94.60 to 95.60): VX011566.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX011566.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX011566.D (-1629) (-)

Time--> 11.00 11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011703.D

Acq: 20 Aug 2019 23:14

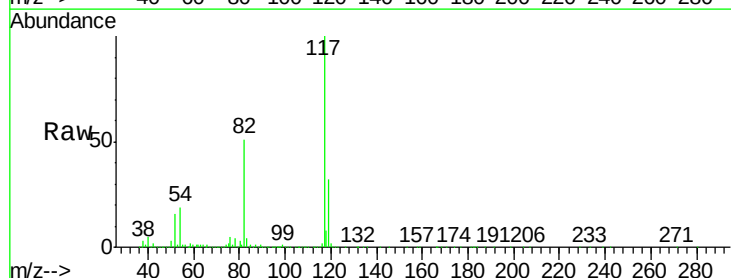
Tgt Ion: 117 Resp: 509138

Ion Ratio Lower Upper

117 100

82 51.1 42.0 63.0

119 31.8 26.5 39.7

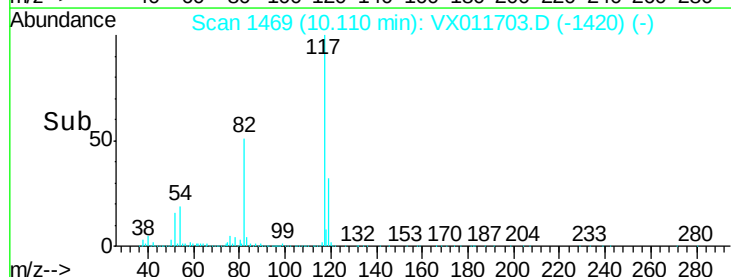


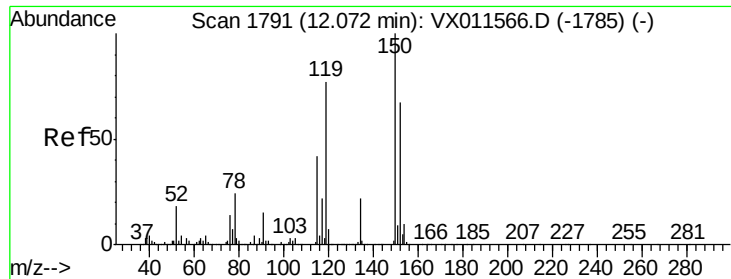
Abundance Ion 116.90 (116.60 to 117.60): VX011566.D (-1461) (-)

Ion 82.00 (81.70 to 82.70): VX011566.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011566.D (-1461) (-)

Time--> 10.00 10.10 10.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011703.D

Acq: 20 Aug 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

T6-C-(2)

Tot Ion:152 Resp: 237454

Ion Ratio Lower Upper

152 100

115 54.1 37.3 111.9

150 158.4 0.0 346.2

