

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011746.D
 Acq On : 22 Aug 2019 01:52
 Operator : JC/SP
 Sample : K4388-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T4-B2-(2)

Quant Time: Aug 22 04:26:06 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

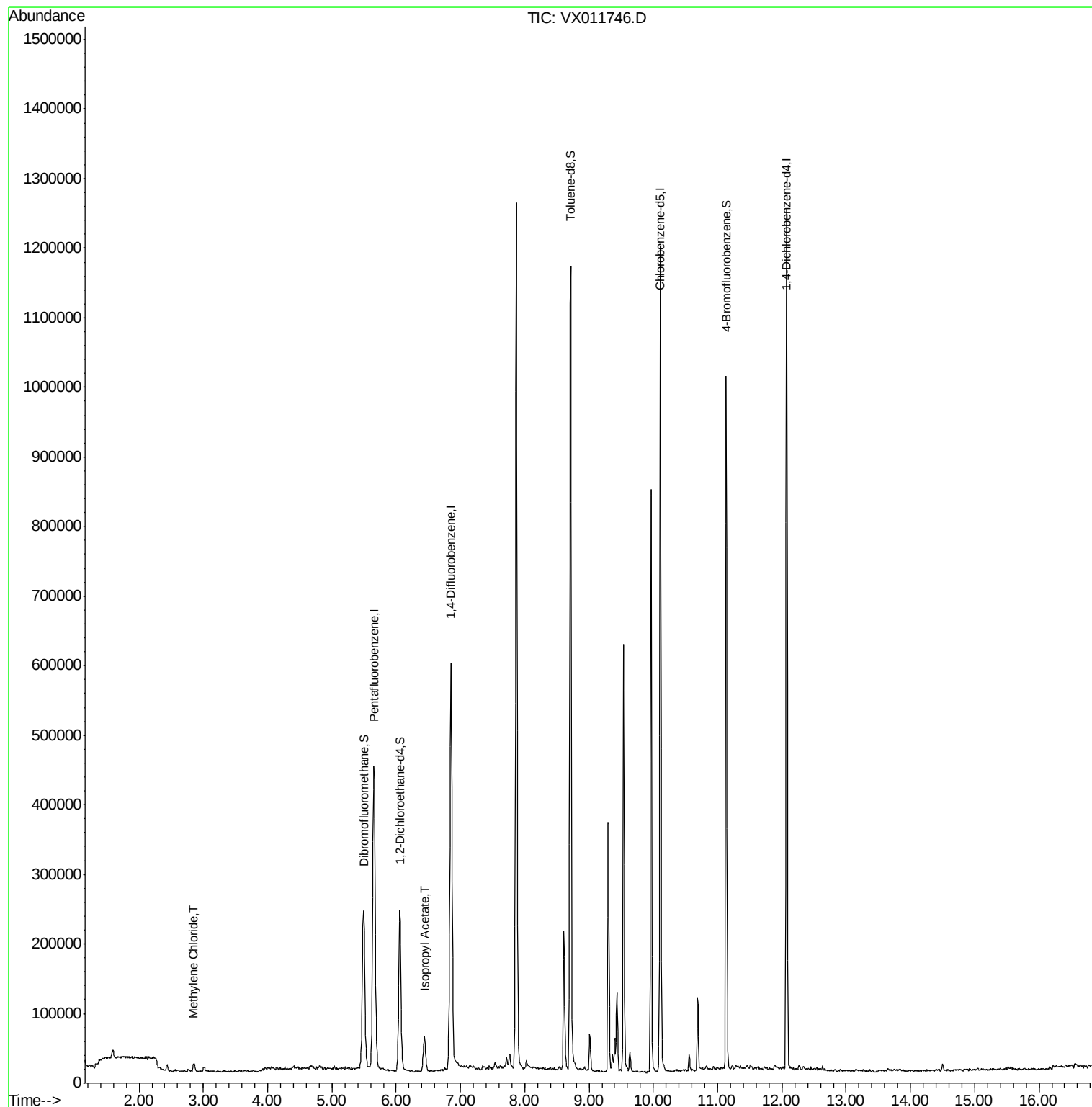
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	464716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	621311	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	578248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	275744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	223875	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
35) Dibromofluoromethane	5.49	113	194945	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
50) Toluene-d8	8.71	98	723940	57.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.34%	
62) 4-Bromofluorobenzene	11.13	95	248609	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
Target Compounds						
20) Methylene Chloride	2.85	84	7061	1.552	ug/l	96
43) Isopropyl Acetate	6.44	43	70831	7.428	ug/l	99

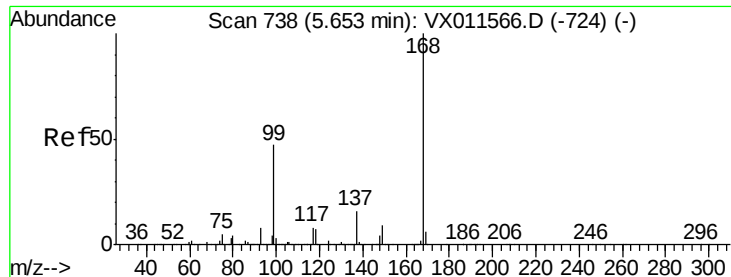
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011746.D

Acq: 22 Aug 2019 01:52

Instrument :

MSVOA_X

ClientSampleId :

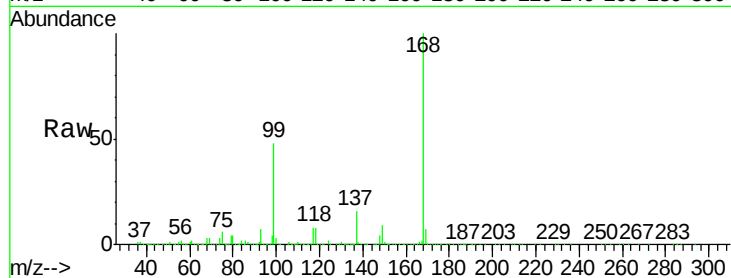
T4-B2-(2)

Tot Ion:168 Resp: 464716

Ion Ratio Lower Upper

168 100

99 47.8 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

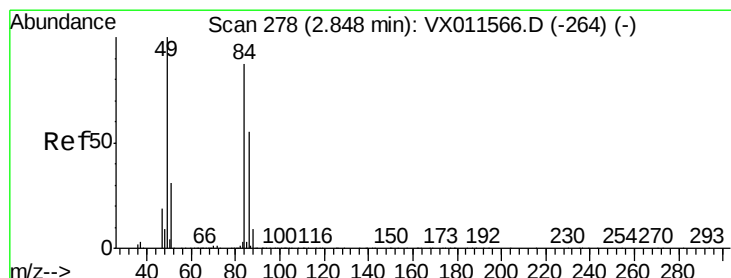
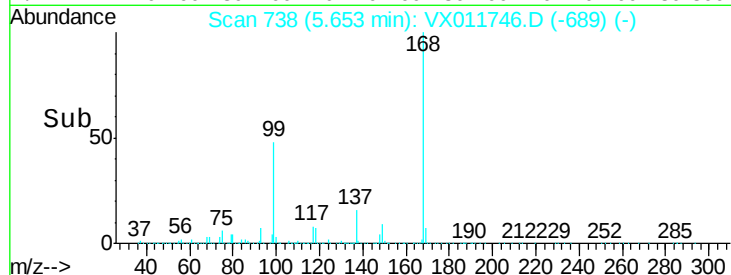
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.552 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011746.D

Acq: 22 Aug 2019 01:52

Tgt Ion: 84 Resp: 7061

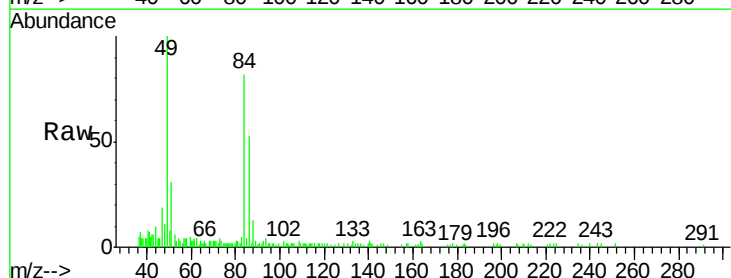
Ion Ratio Lower Upper

84 100

49 113.9 92.4 138.6

51 32.4 28.5 42.7

86 58.2 51.0 76.6



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

2.85

4000

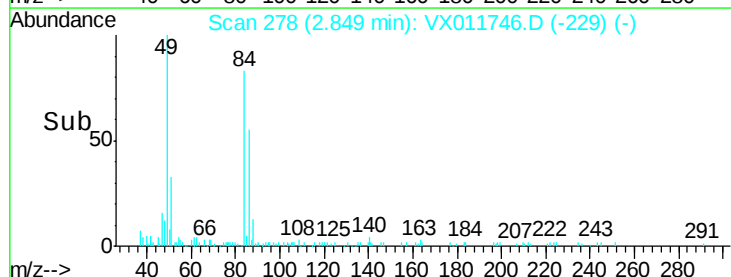
3000

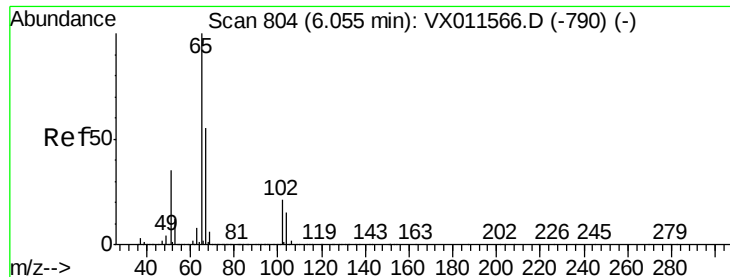
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.948 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011746.D

Acq: 22 Aug 2019 01:52

Instrument :

MSVOA_X

ClientSampleId :

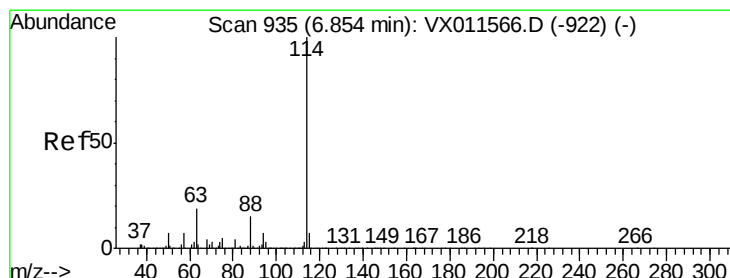
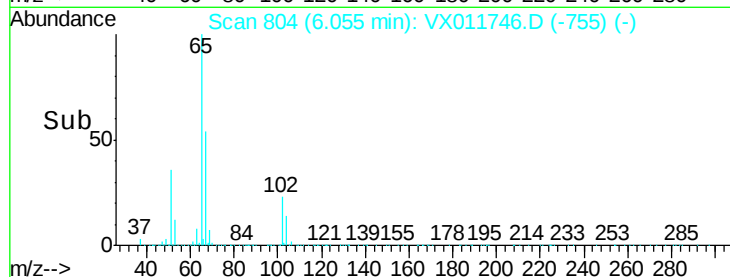
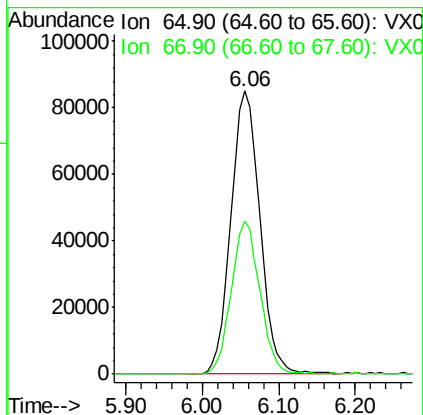
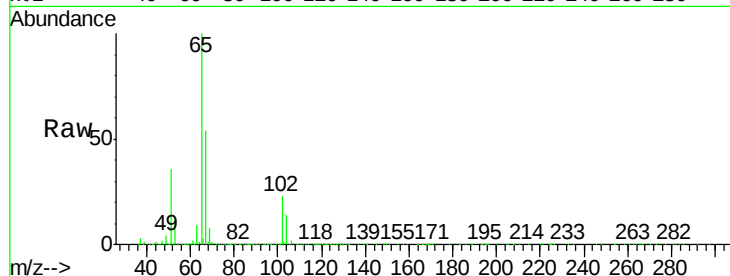
T4-B2-(2)

Tot Ion: 65 Resp: 223875

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011746.D

Acq: 22 Aug 2019 01:52

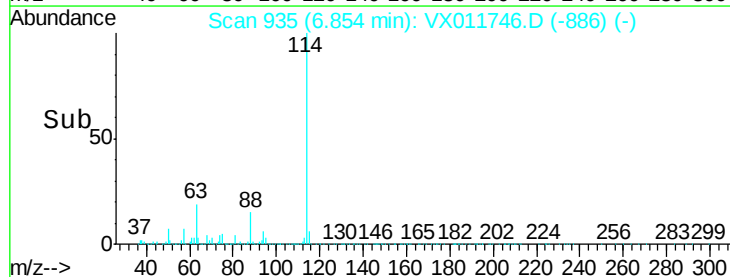
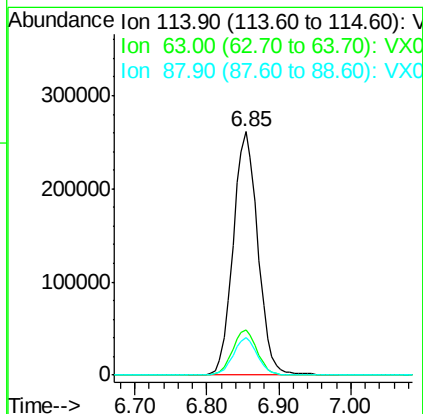
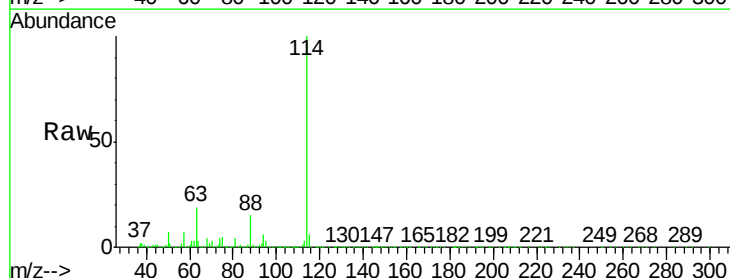
Tgt Ion: 114 Resp: 621311

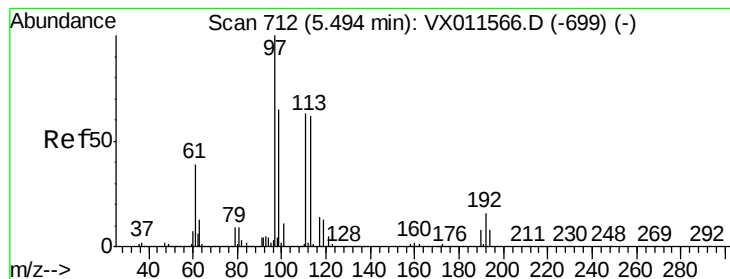
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.8

88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.972 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011746.D

Acq: 22 Aug 2019 01:52

Instrument :

MSVOA_X

ClientSampleId :

T4-B2-(2)

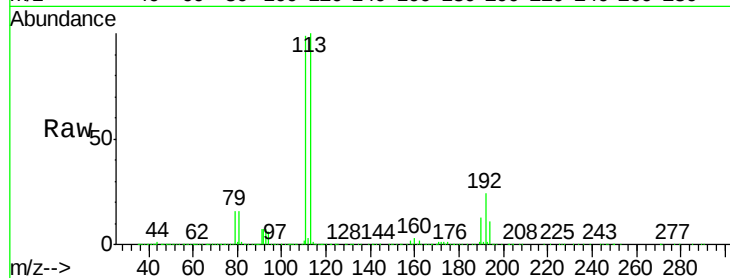
Tot Ion:113 Resp: 194945

Ion Ratio Lower Upper

113 100

111 101.6 81.1 121.7

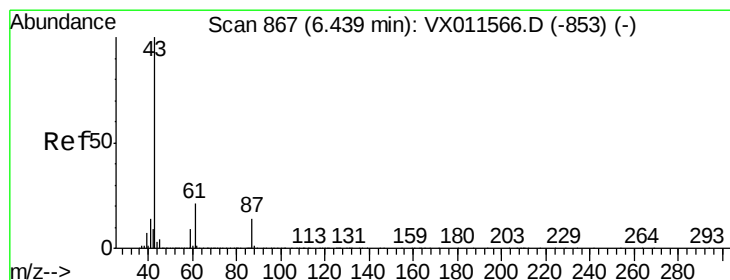
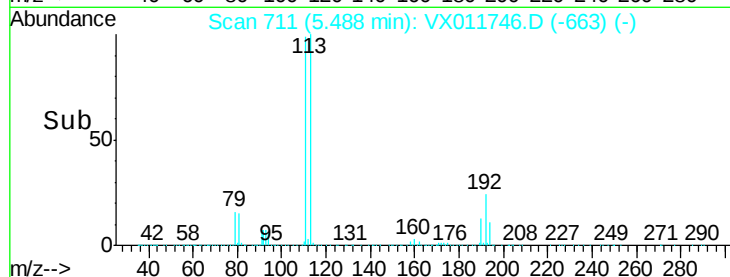
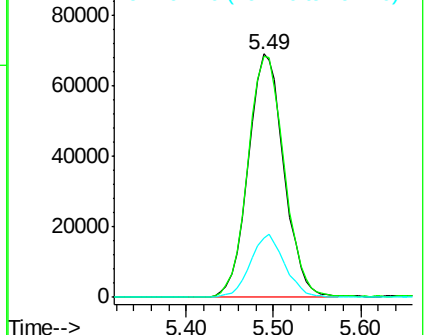
192 25.0 20.8 31.2



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: 7.428 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011746.D

Acq: 22 Aug 2019 01:52

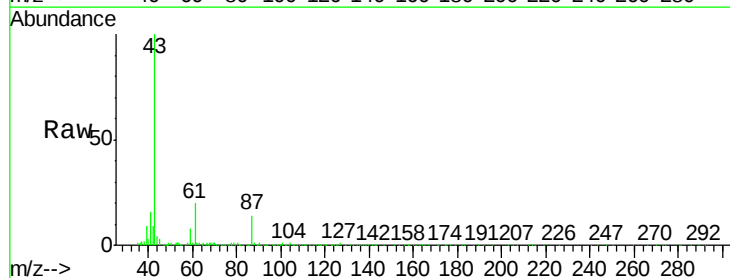
Tgt Ion: 43 Resp: 70831

Ion Ratio Lower Upper

43 100

61 20.3 16.6 24.8

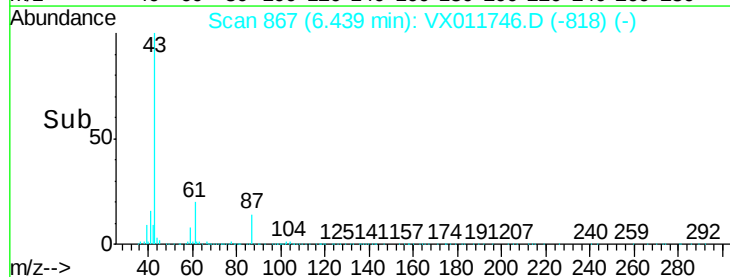
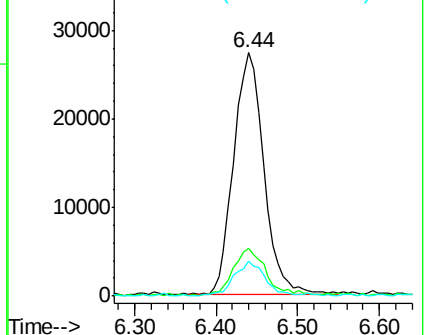
87 14.6 11.4 17.2

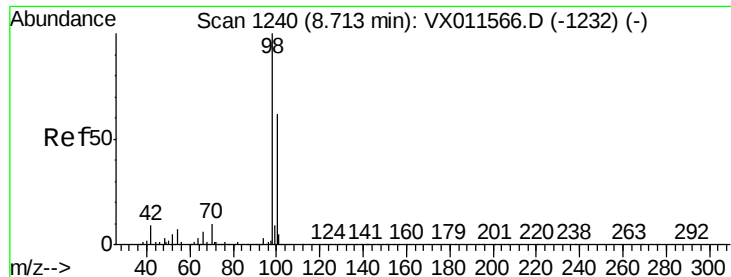


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 57.173 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011746.D

Acq: 22 Aug 2019 01:52

Instrument :

MSVOA_X

ClientSampleId :

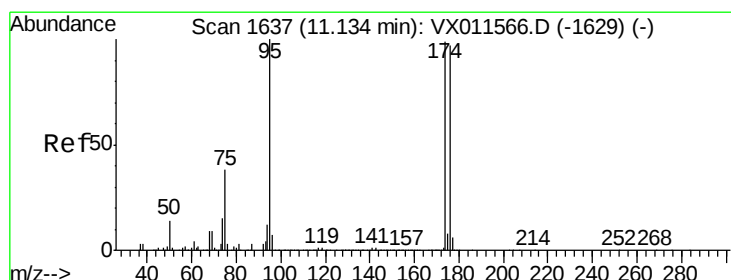
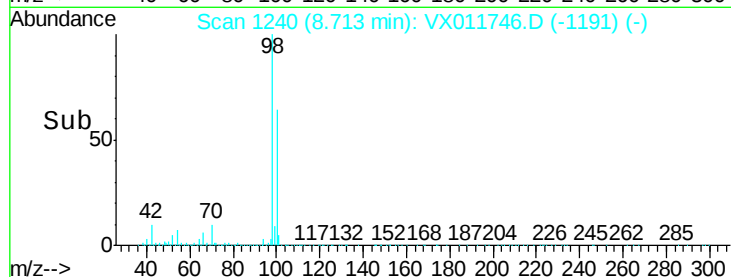
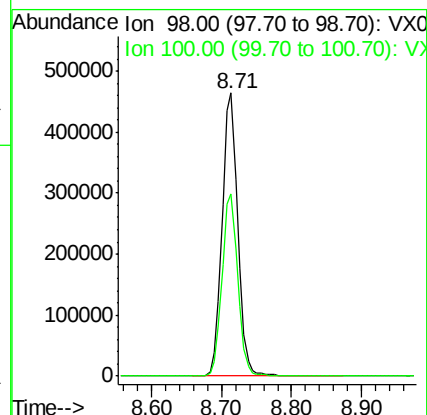
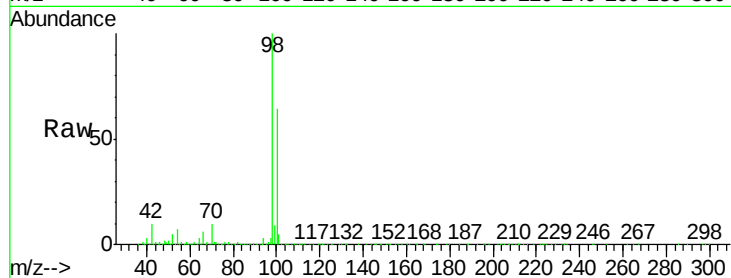
T4-B2-(2)

Tot Ion: 98 Resp: 723940

Ion Ratio Lower Upper

98 100

100 64.8 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 46.517 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011746.D

Acq: 22 Aug 2019 01:52

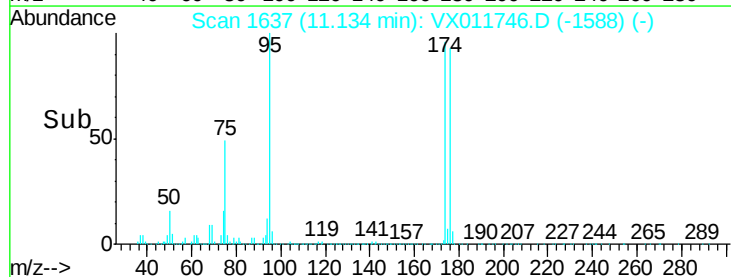
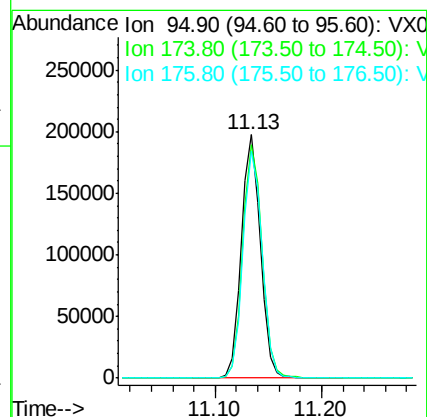
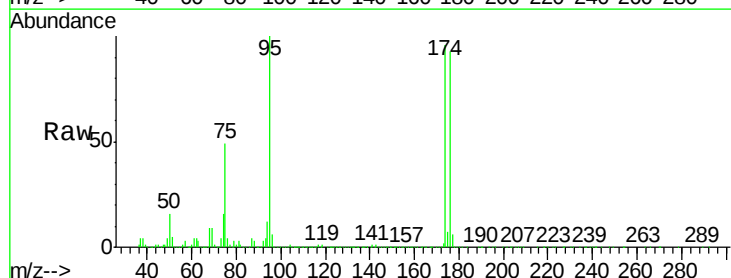
Tgt Ion: 95 Resp: 248609

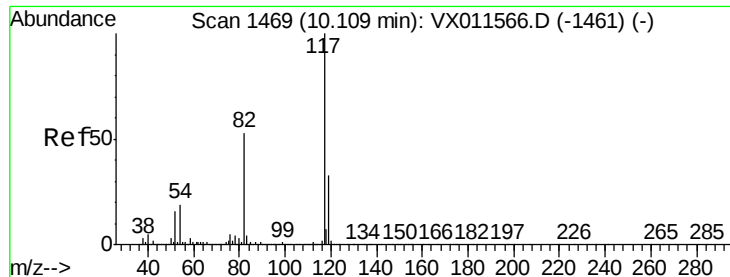
Ion Ratio Lower Upper

95 100

174 97.6 0.0 200.6

176 94.5 0.0 196.6

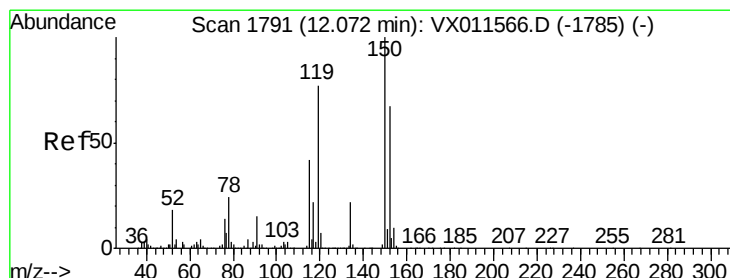
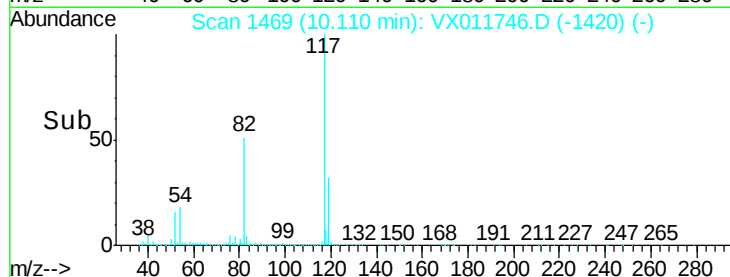
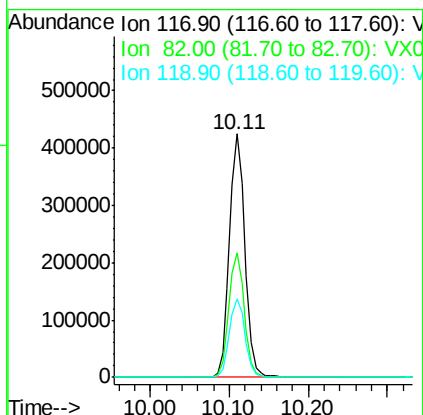
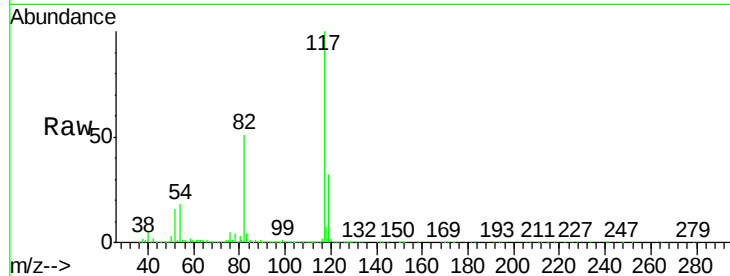




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011746.D
Acq: 22 Aug 2019 01:52

Instrument :
MSVOA_X
ClientSampled :
T4-B2-(2)

Tot Ion:117 Resp: 578248
Ion Ratio Lower Upper
117 100
82 51.3 42.0 63.0
119 32.1 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: VX011746.D
Acq: 22 Aug 2019 01:52

Tgt Ion:152 Resp: 275744
Ion Ratio Lower Upper
152 100
115 53.1 37.3 111.9
150 154.9 0.0 346.2

