

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010666.D
 Acq On : 04 Jul 2019 04:44
 Operator : JC/SP
 Sample : K3669-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-TB01-190701

Quant Time: Jul 04 05:50:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	236022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	368146	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150049	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	119098	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
35) Dibromofluoromethane	5.49	113	111824	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	8.71	98	432288	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.13	95	145790	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	

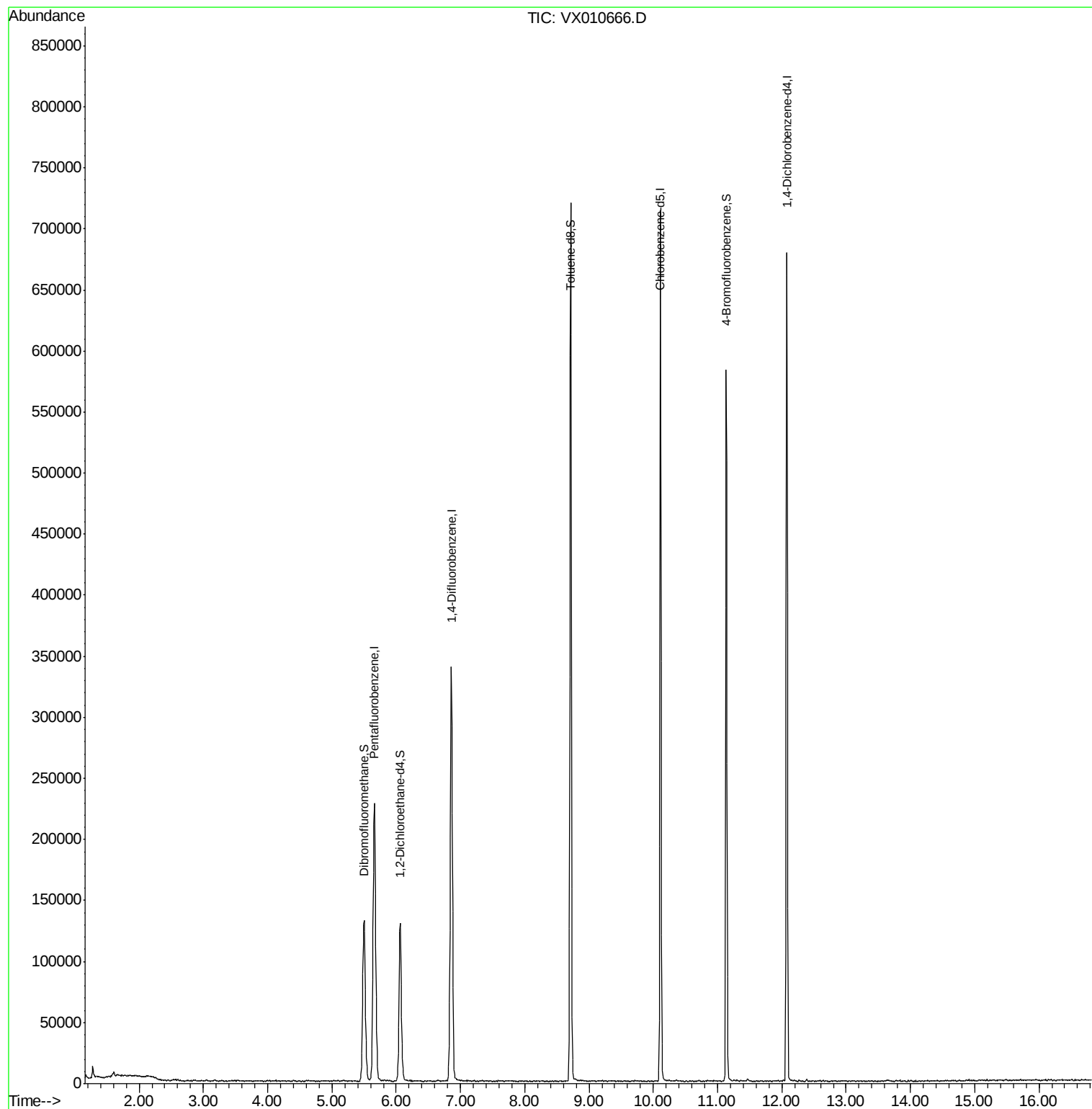
Target Compounds	Qvalue

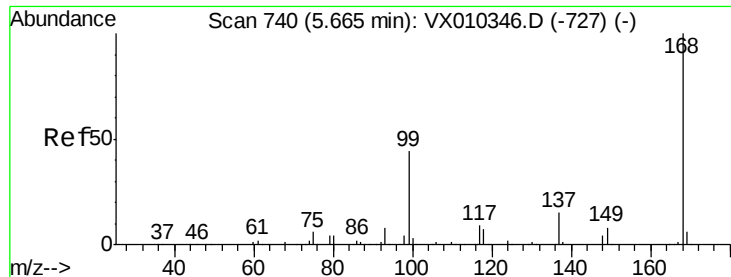
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX010666.D

Acq: 04 Jul 2019 04:44

Instrument :

MSVOA_X

ClientSampleId :

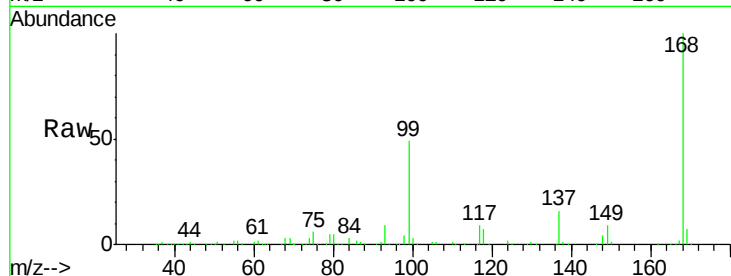
S8-TB01-190701

Tot Ion:168 Resp: 236022

Ion Ratio Lower Upper

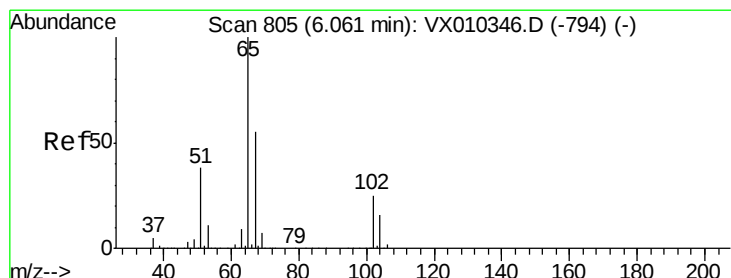
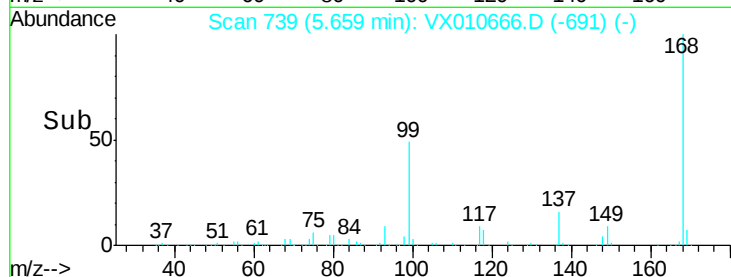
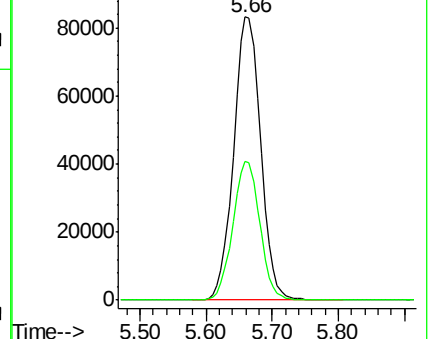
168 100

99 49.1 35.5 53.3



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: 53.819 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010666.D

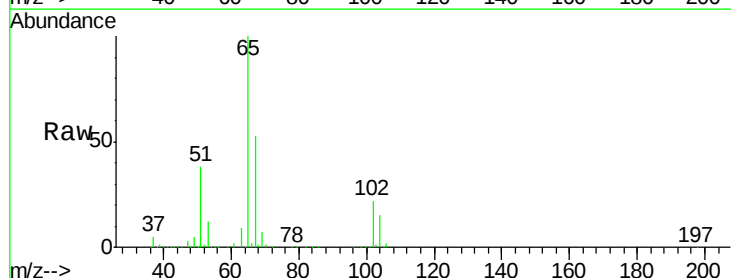
Acq: 04 Jul 2019 04:44

Tgt Ion: 65 Resp: 119098

Ion Ratio Lower Upper

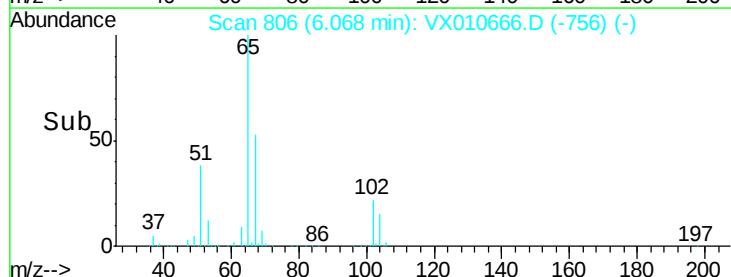
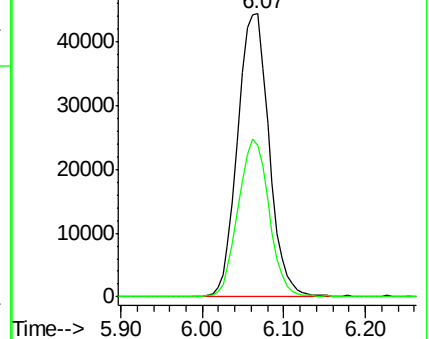
65 100

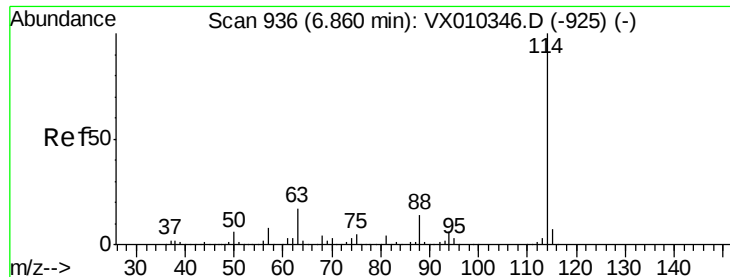
67 54.5 0.0 110.2



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010666.D

Acq: 04 Jul 2019 04:44

Instrument :

MSVOA_X

ClientSampleId :

S8-TB01-190701

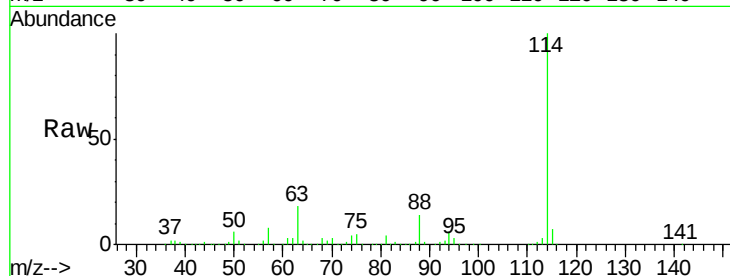
Tot Ion:114 Resp: 368146

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.8

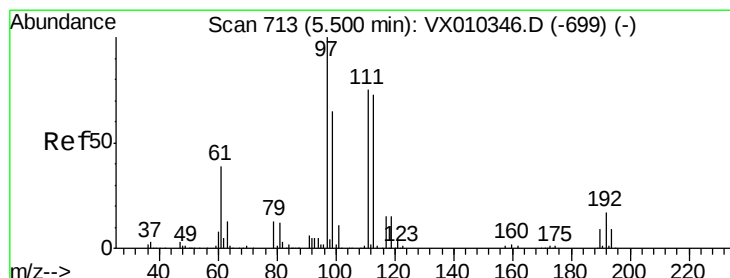
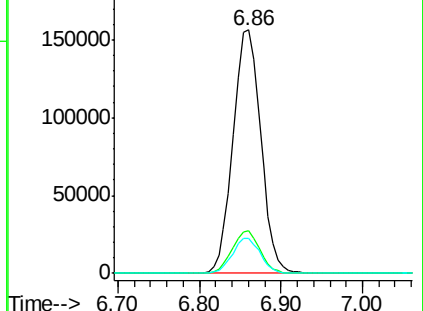
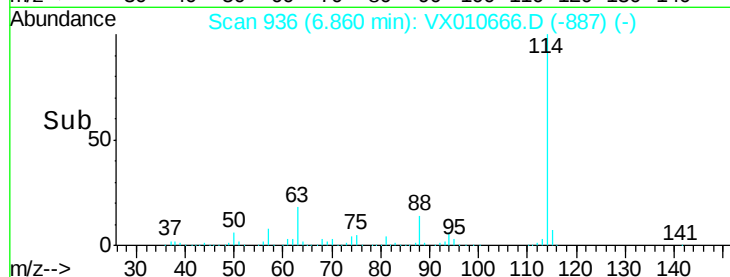
88 14.3 0.0 27.6



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: 49.645 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010666.D

Acq: 04 Jul 2019 04:44

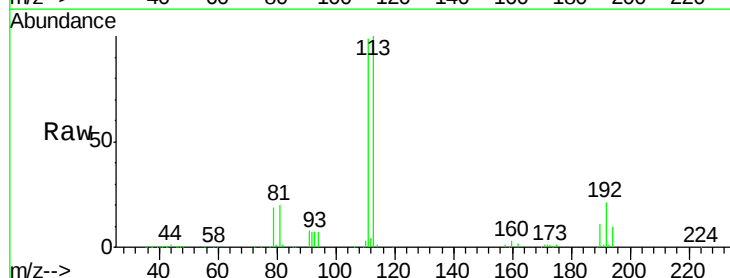
Tgt Ion:113 Resp: 111824

Ion Ratio Lower Upper

113 100

111 101.8 81.2 121.8

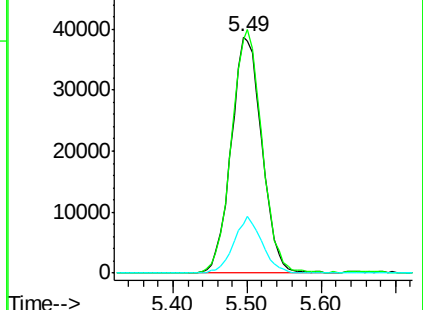
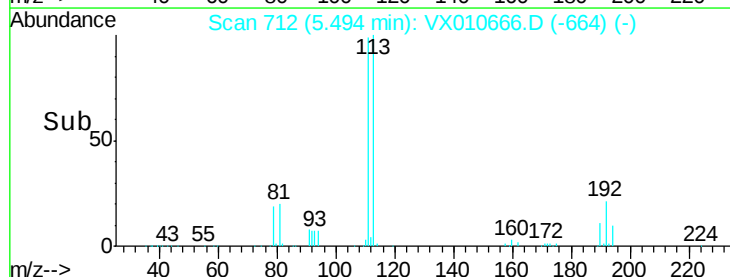
192 21.9 18.6 27.8

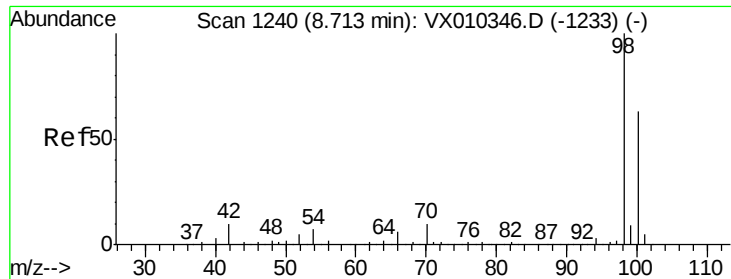


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.164 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010666.D

Acq: 04 Jul 2019 04:44

Instrument :

MSVOA_X

ClientSampleId :

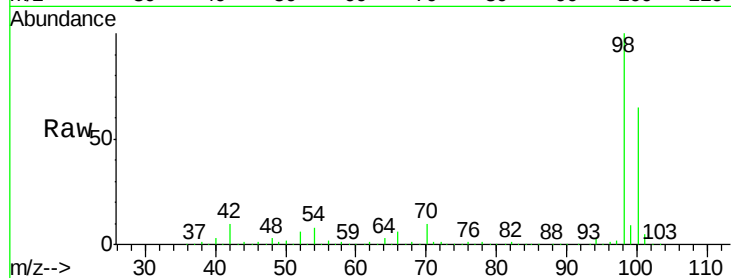
S8-TB01-190701

Tot Ion: 98 Resp: 432288

Ion Ratio Lower Upper

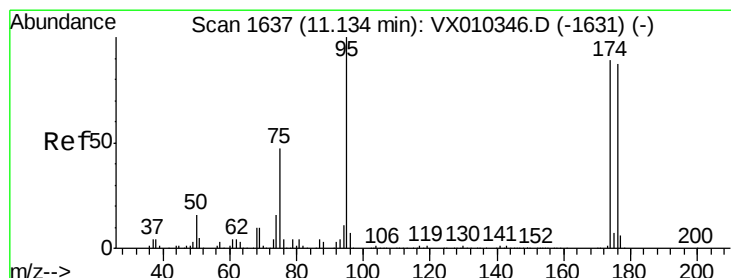
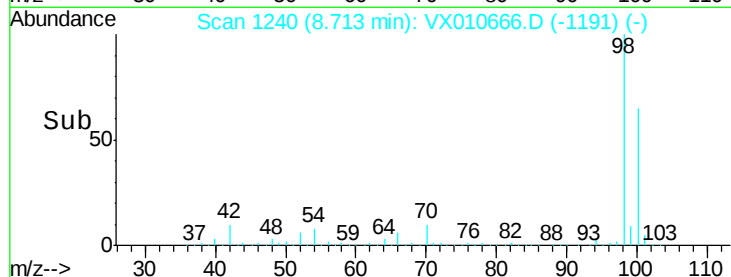
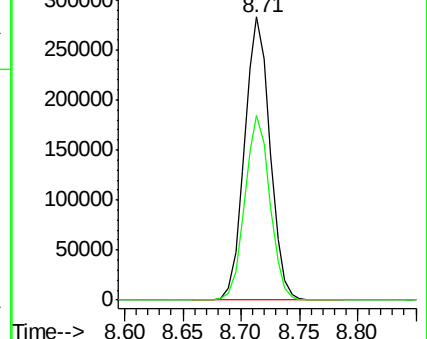
98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.861 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010666.D

Acq: 04 Jul 2019 04:44

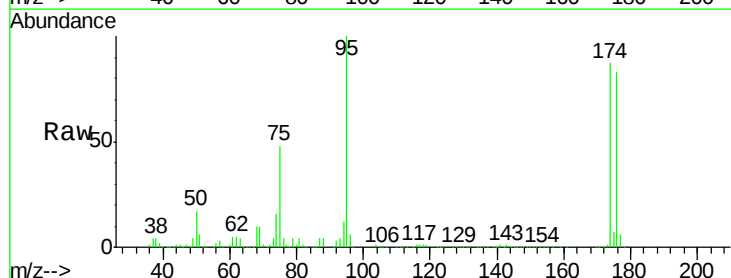
Tgt Ion: 95 Resp: 145790

Ion Ratio Lower Upper

95 100

174 92.8 0.0 187.6

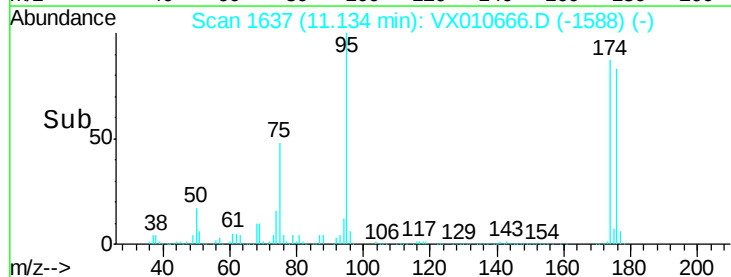
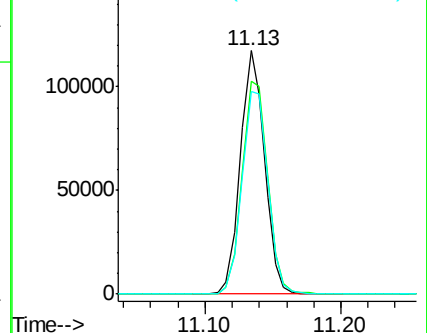
176 89.4 0.0 184.0

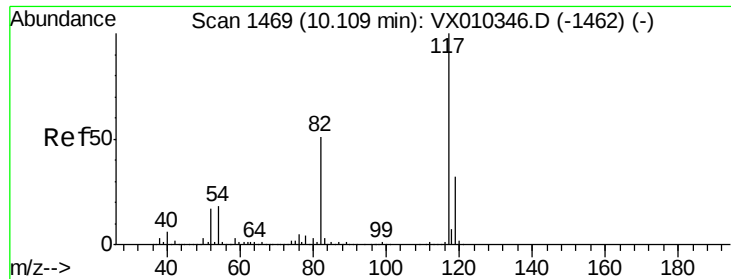


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

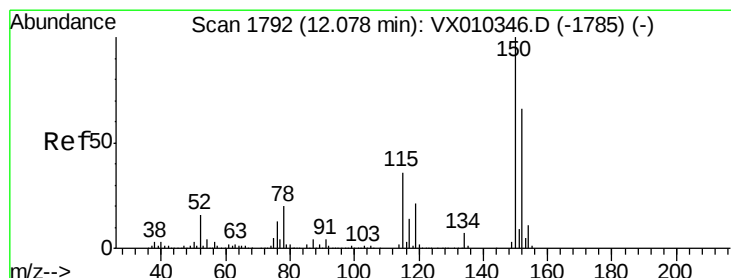
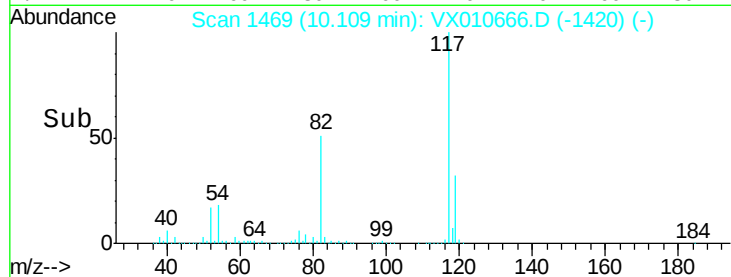
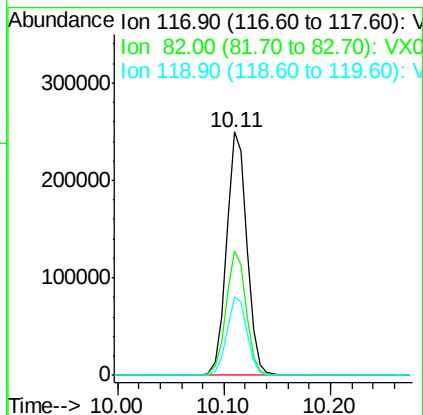
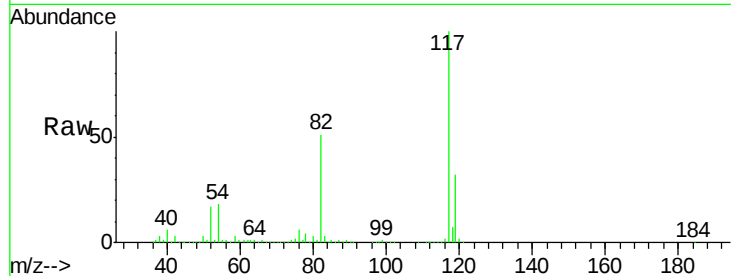




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010666.D
Acq: 04 Jul 2019 04:44

Instrument :
MSVOA_X
ClientSampleId :
S8-TB01-190701

Tot Ion:117 Resp: 333695
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010666.D
Acq: 04 Jul 2019 04:44

Tgt Ion:152 Resp: 150049
Ion Ratio Lower Upper
152 100
115 54.6 38.6 115.7
150 157.5 0.0 347.4

