

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050785.D
 Acq On : 21 Aug 2018 12:43
 Operator : MD\SY
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Aug 22 06:53:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	682466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1032777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	877296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	291654	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	416013	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
35) Dibromofluoromethane	7.59	113	395401	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
50) Toluene-d8	10.09	98	1460027	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.40	95	393087	38.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.02%	

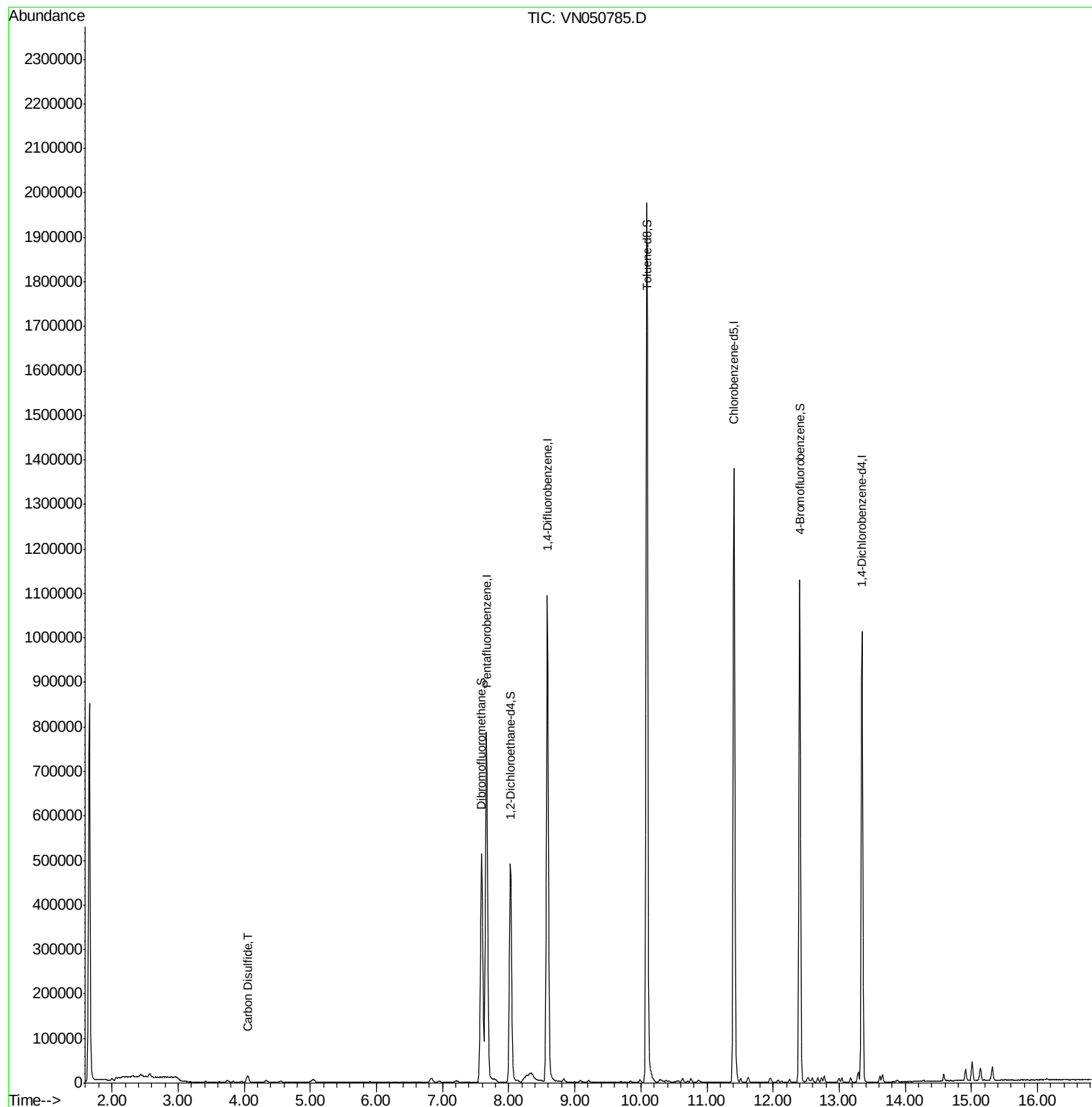
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Carbon Disulfide	4.05	76	29758	1.16	ug/l	95

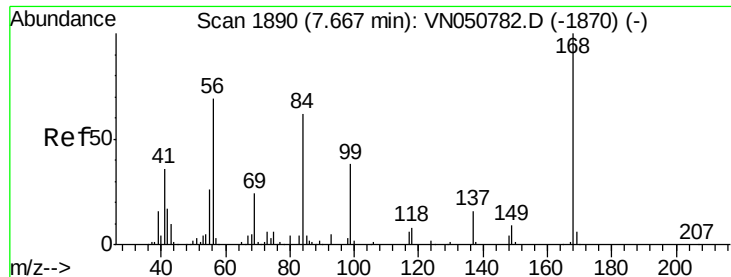
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050785.D

Acq: 21 Aug 2018 12:43

Instrument :

MSVOA_N

ClientSampled :

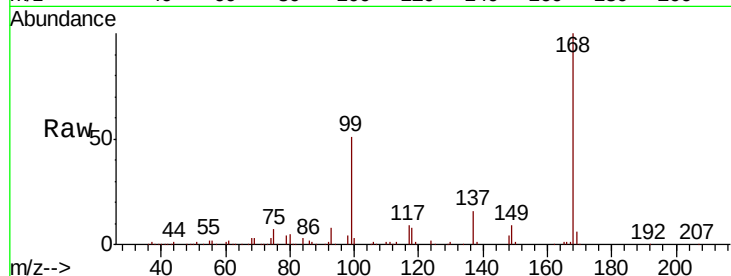
I.BLK

Tot Ion:168 Resp: 682466

Ion Ratio Lower Upper

168 100

99 50.7 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

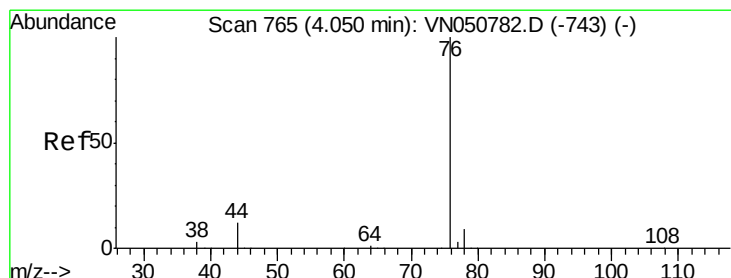
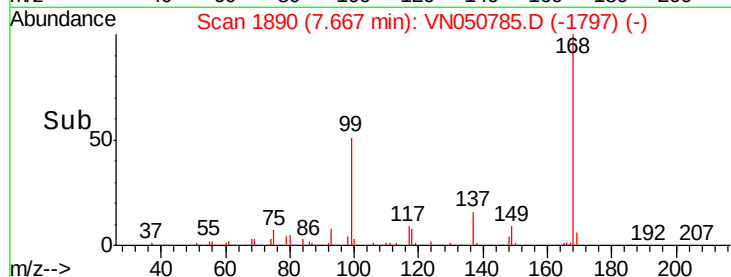
300000

200000

100000

0

Time-->



#17

Carbon Disulfide

Concen: 1.16 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN050785.D

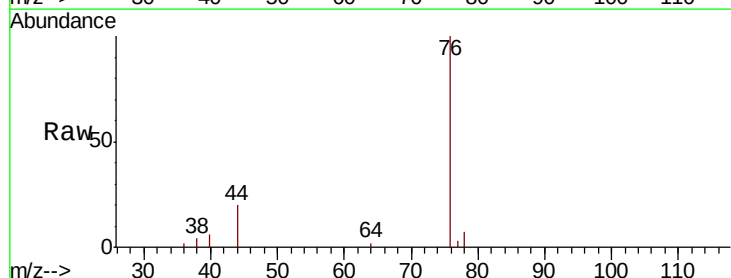
Acq: 21 Aug 2018 12:43

Tgt Ion: 76 Resp: 29758

Ion Ratio Lower Upper

76 100

78 7.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

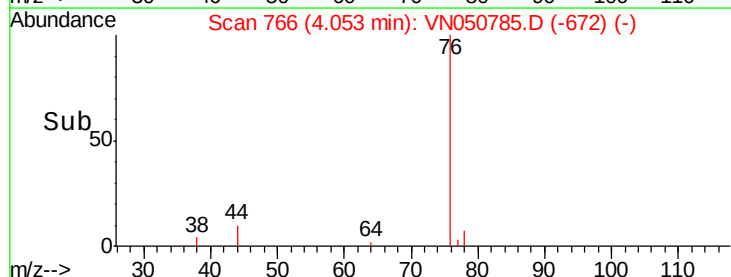
4.05

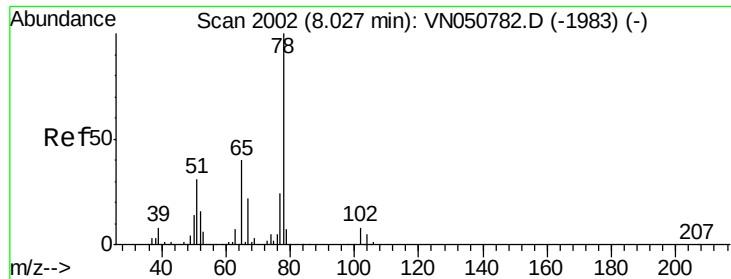
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5000

0

Time-->

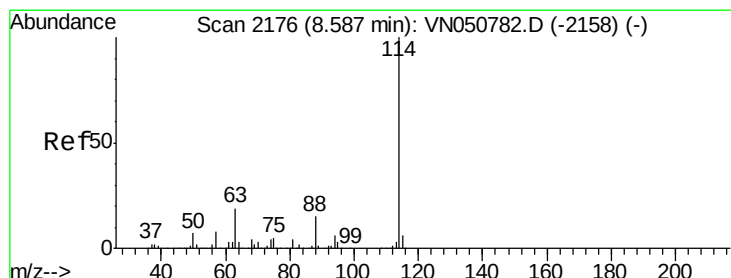
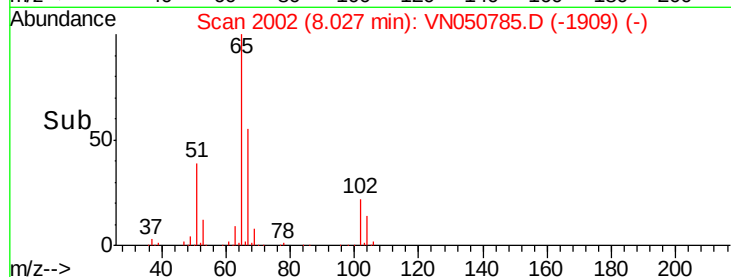
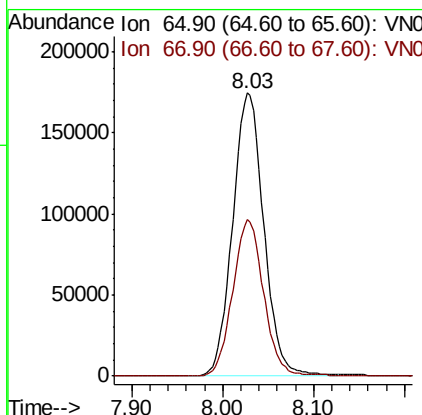
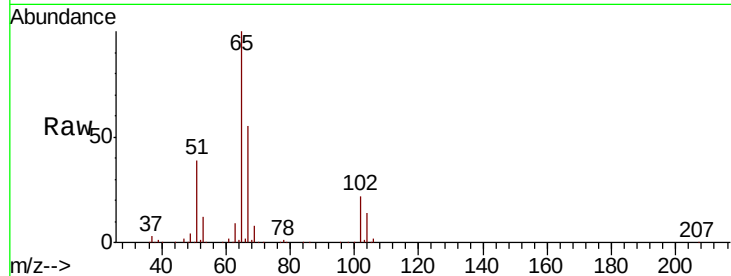




#33
 1,2-Dichloroethane-d4
 Concen: 50.63 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050785.D
 Acq: 21 Aug 2018 12:43

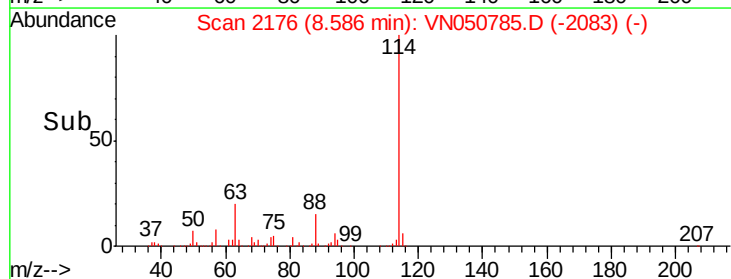
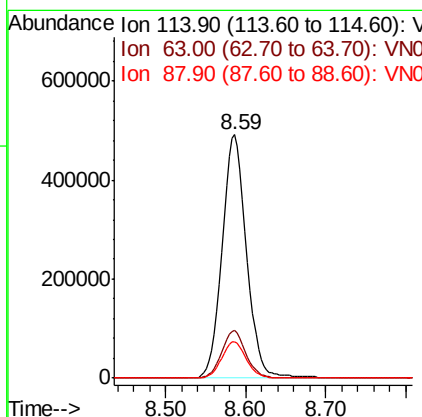
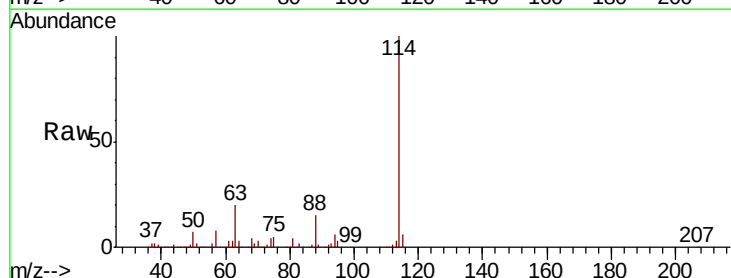
Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

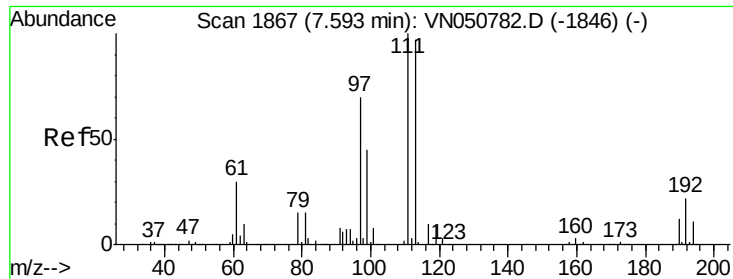
Tot Ion: 65 Resp: 416013
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050785.D
 Acq: 21 Aug 2018 12:43

Tgt Ion: 114 Resp: 1032777
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.1 0.0 30.6

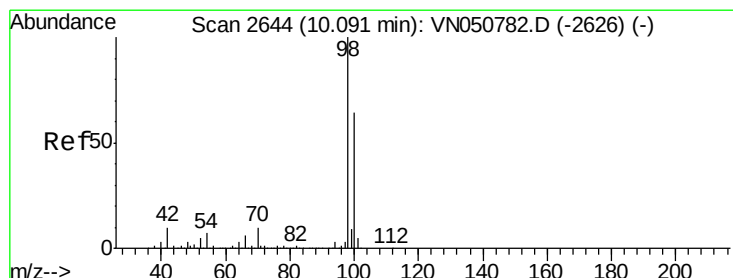
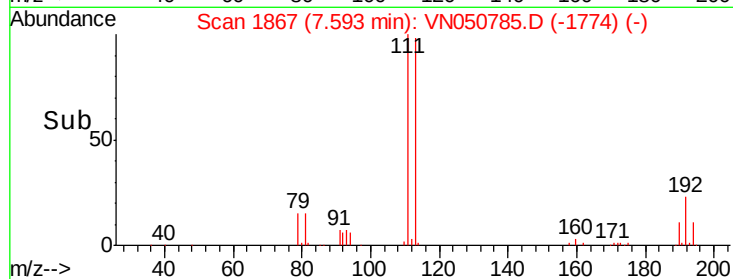
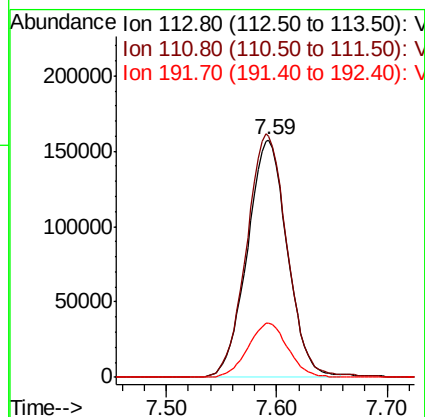
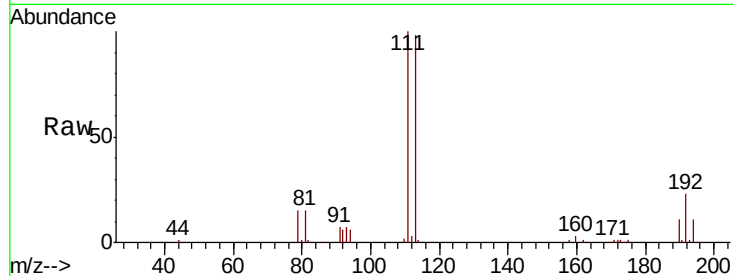




#35
 Dibromofluoromethane
 Concen: 48.12 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050785.D
 Acq: 21 Aug 2018 12:43

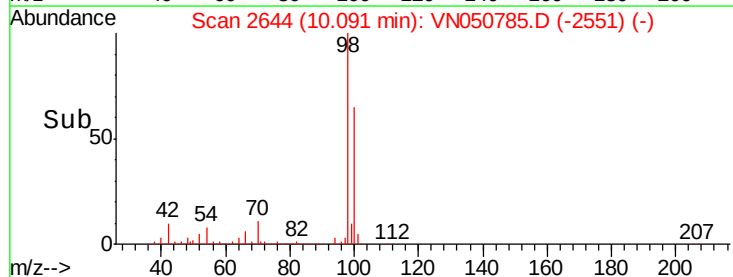
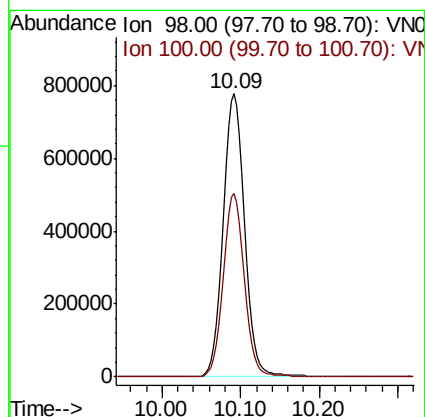
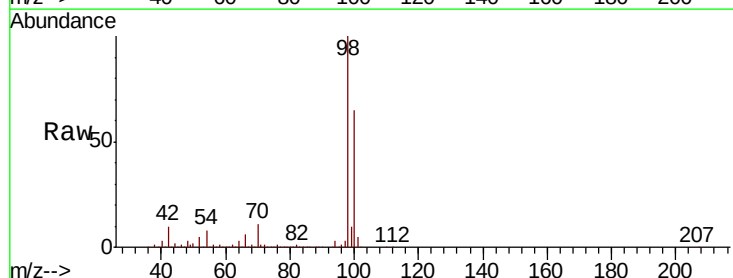
Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

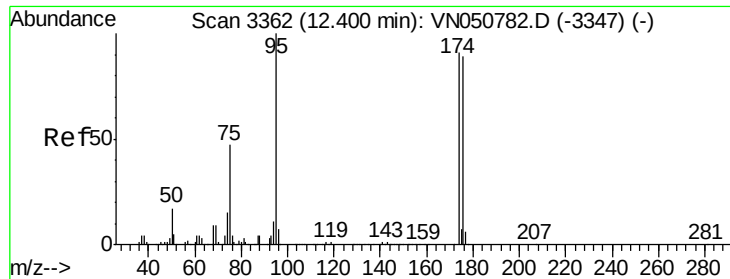
Tot Ion:113 Resp: 395401
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.6 123.8
 192 22.9 18.0 27.0



#50
 Toluene-d8
 Concen: 47.53 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN050785.D
 Acq: 21 Aug 2018 12:43

Tgt Ion: 98 Resp: 1460027
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.5 77.3

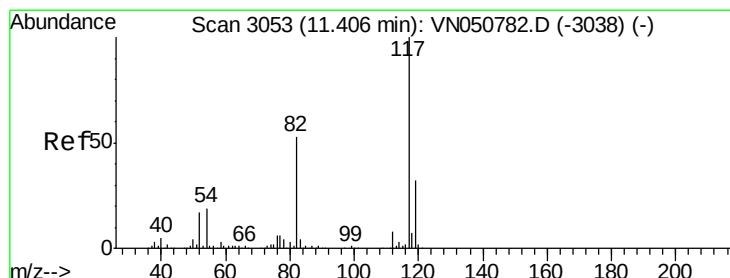
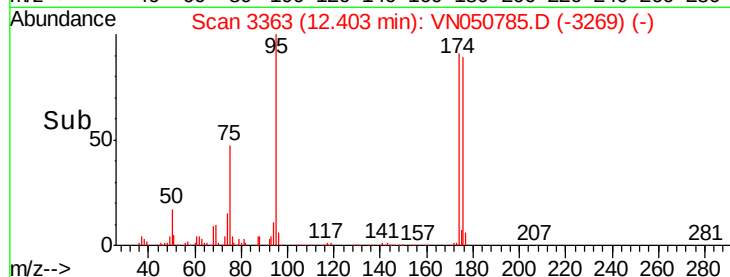
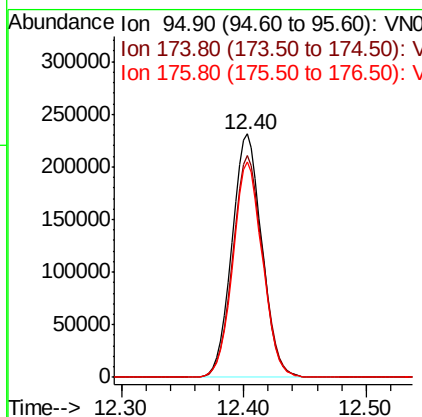
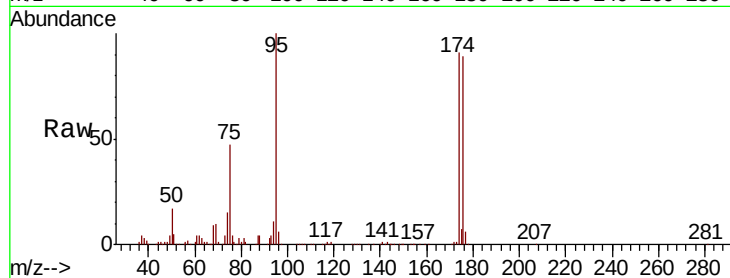




#62
4-Bromofluorobenzene
Concen: 38.51 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050785.D
Acq: 21 Aug 2018 12:43

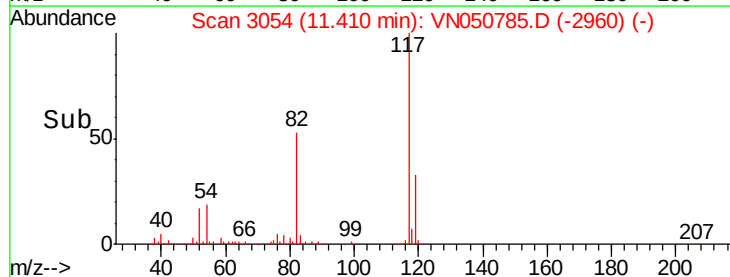
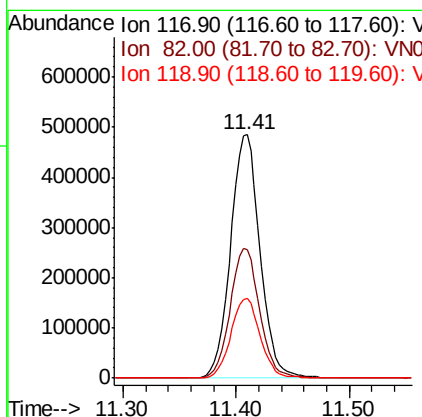
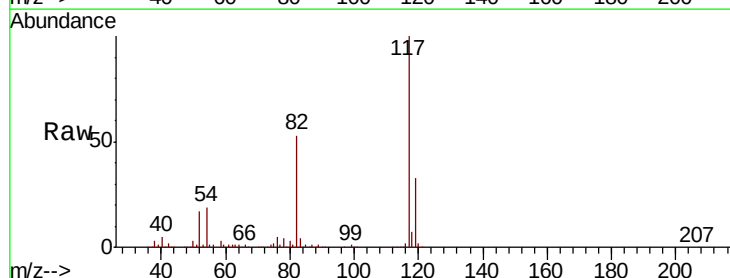
Instrument :
MSVOA_N
ClientSampled :
I.BLK

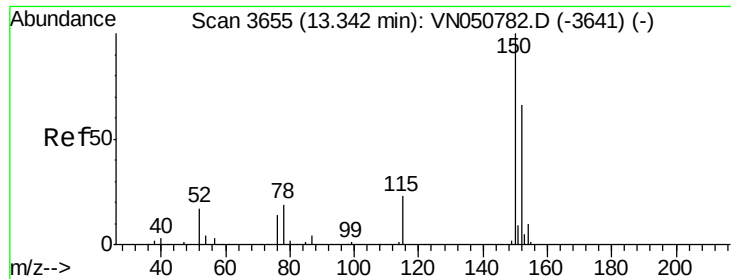
Tot Ion	95	Resp	393087
Ion Ratio	Lower	Upper	
95	100		
174	91.4	0.0	183.0
176	87.4	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050785.D
Acq: 21 Aug 2018 12:43

Tgt Ion	117	Resp	877296
Ion Ratio	Lower	Upper	
117	100		
82	52.9	42.6	64.0
119	32.6	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050785.D

Acq: 21 Aug 2018 12:43

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

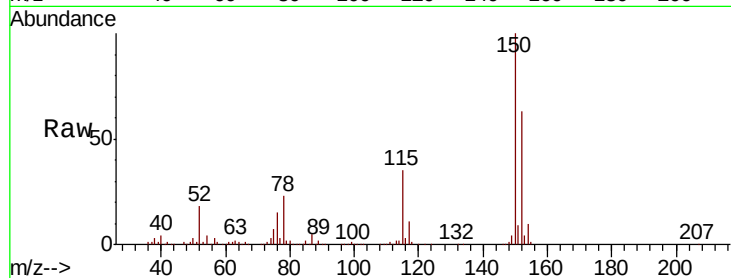
Tot Ion:152 Resp: 291654

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.4

150 157.1 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

