

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083118\
 Data File : VN050984.D
 Acq On : 31 Aug 2018 13:36
 Operator : MD\SY
 Sample : J4648-02ME
 Misc : 5.28g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1-@-8-FTME

Quant Time: Aug 31 14:58:38 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	566632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	859622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	753991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	296225	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	342087	50.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.30%	
35) Dibromofluoromethane	7.59	113	325771	47.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.28%	
50) Toluene-d8	10.09	98	1210968	47.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.72%	
62) 4-Bromofluorobenzene	12.40	95	348680	41.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.08%	

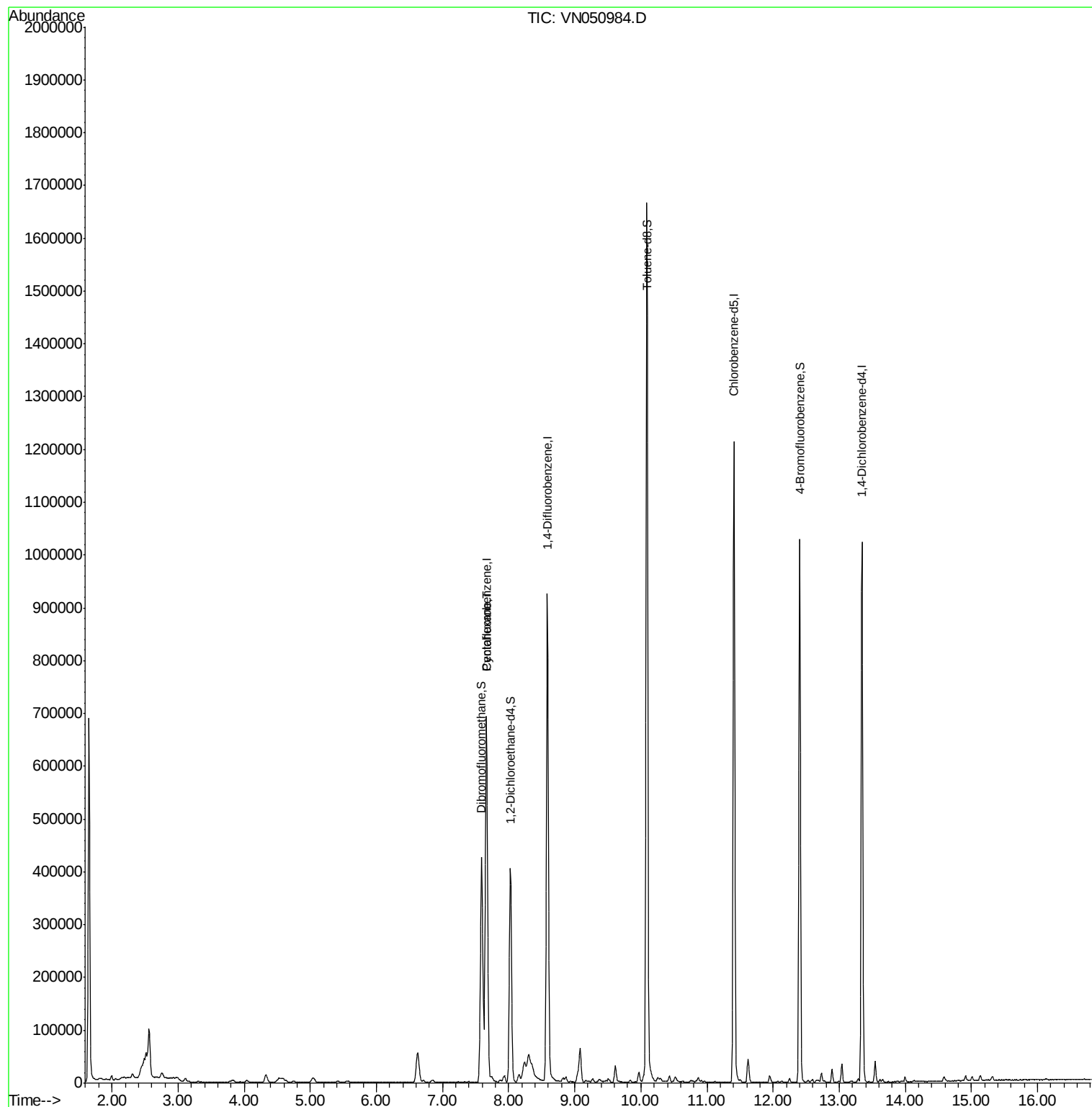
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.66	56	47768	4.57	ug/l	# 77

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

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MSVOA_N

ClientSampleId :

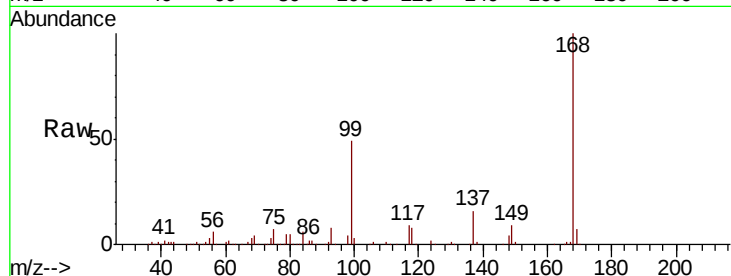
SB-1-@-8-FTME

Tot Ion:168 Resp: 566632

Ion Ratio Lower Upper

168 100

99 49.1 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

100000

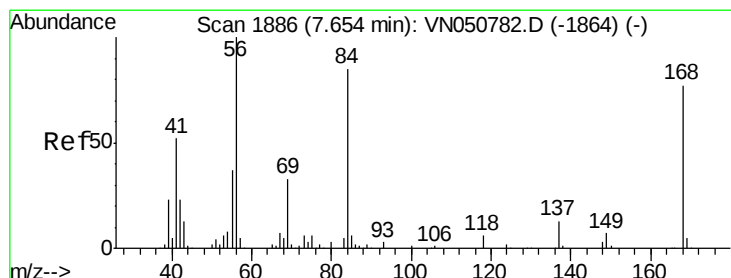
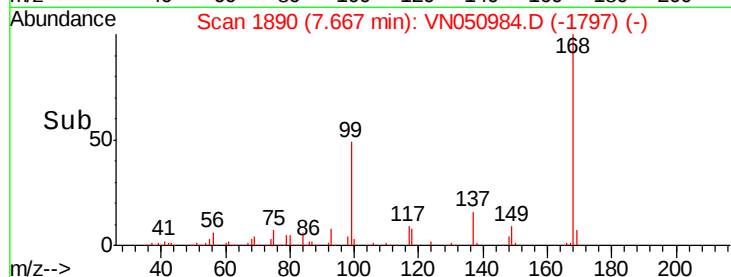
50000

0

7.60

7.70

Time-->



#31

Cyclohexane

Concen: 4.57 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

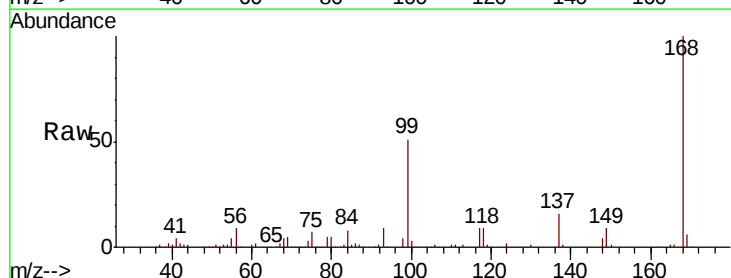
Tgt Ion: 56 Resp: 47768

Ion Ratio Lower Upper

56 100

69 63.5 26.2 39.4#

84 95.3 68.3 102.5



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

20000

15000

10000

5000

0

7.55

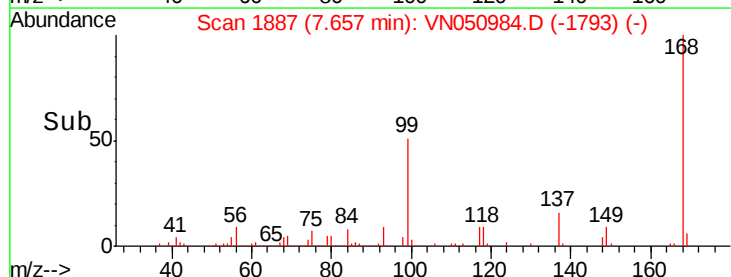
7.60

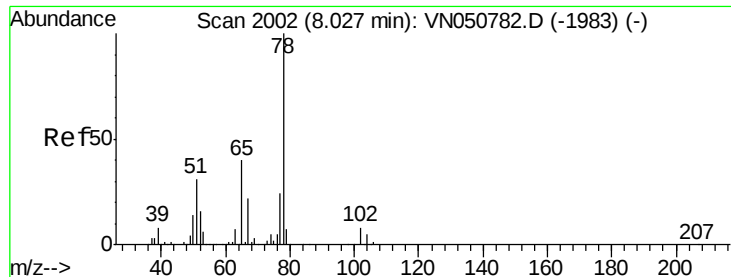
7.65

7.70

7.75

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.15 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

Instrument :

MSVOA_N

ClientSampleId :

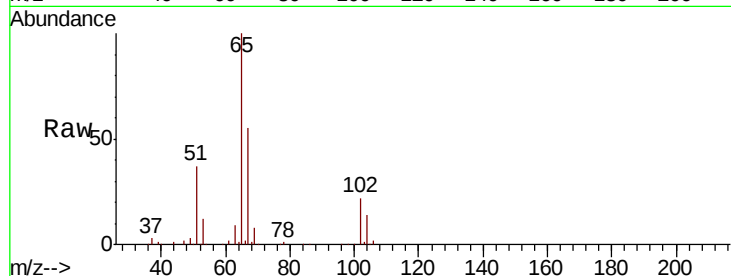
SB-1-@-8-FTME

Tot Ion: 65 Resp: 342087

Ion Ratio Lower Upper

65 100

67 56.0 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

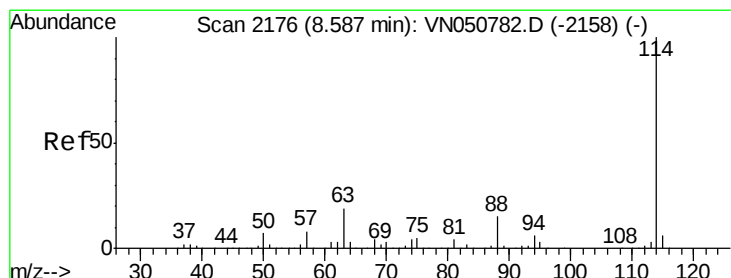
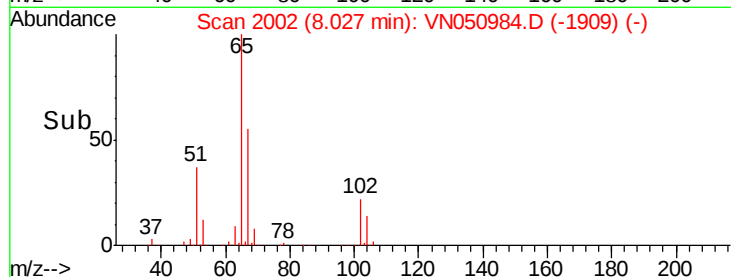
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

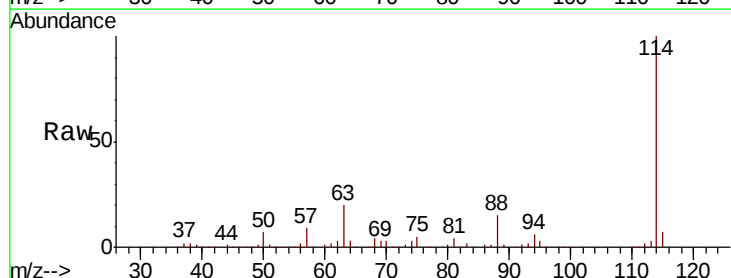
Tgt Ion: 114 Resp: 859622

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

88 15.1 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

500000

400000

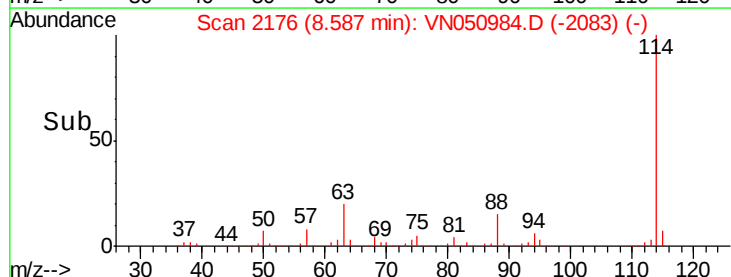
300000

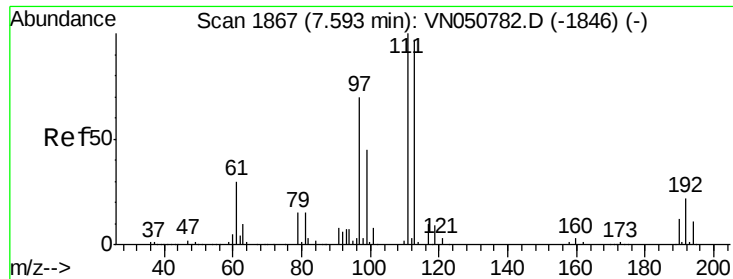
200000

100000

0

Time--> 8.50 8.60 8.70

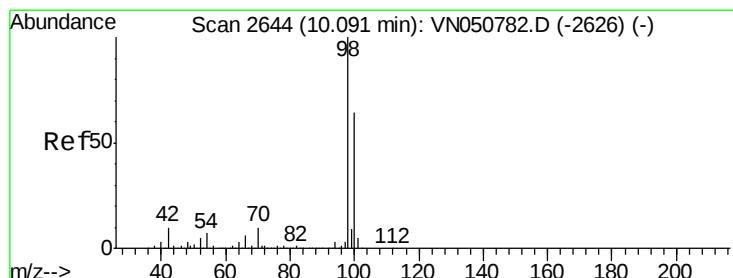
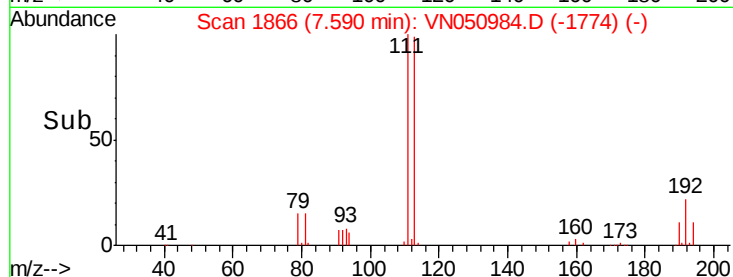
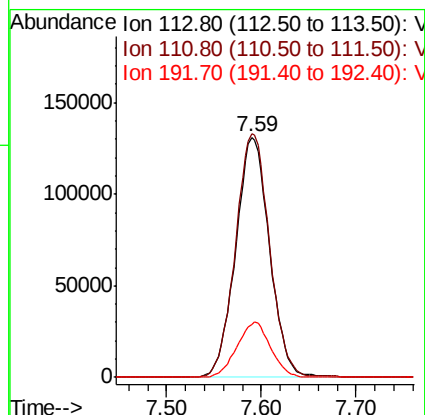
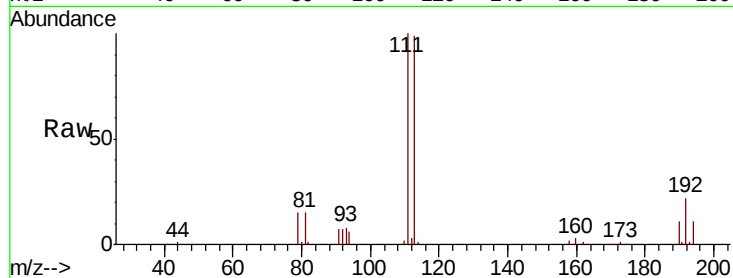




#35
Dibromofluoromethane
Concen: 47.64 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

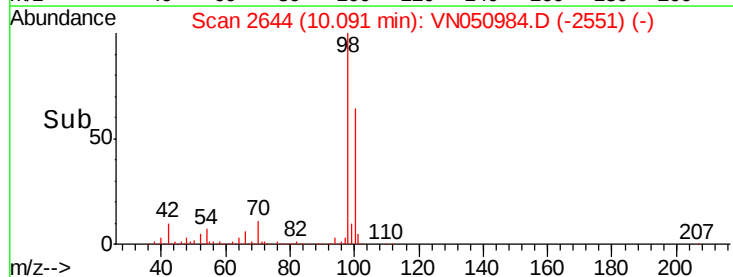
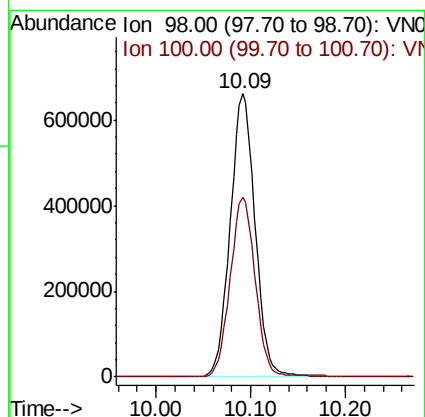
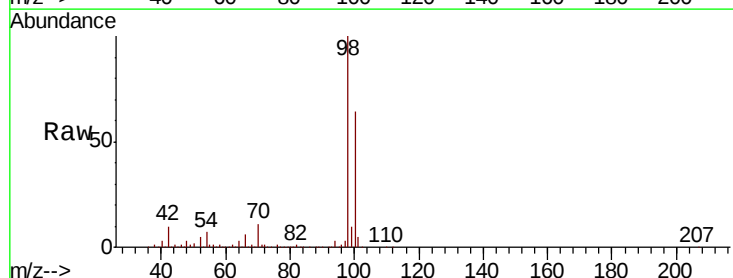
Instrument :
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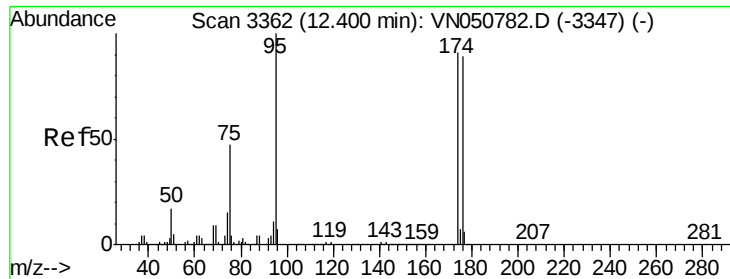
Tot Ion:113 Resp: 325771
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 22.9 18.0 27.0



#50
Toluene-d8
Concen: 47.36 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

Tgt Ion: 98 Resp: 1210968
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

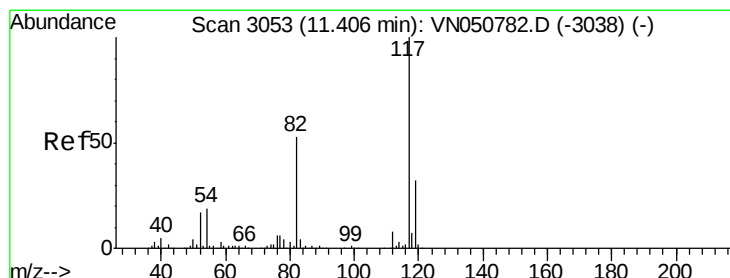
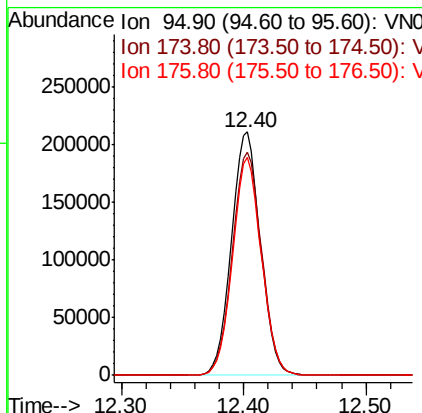
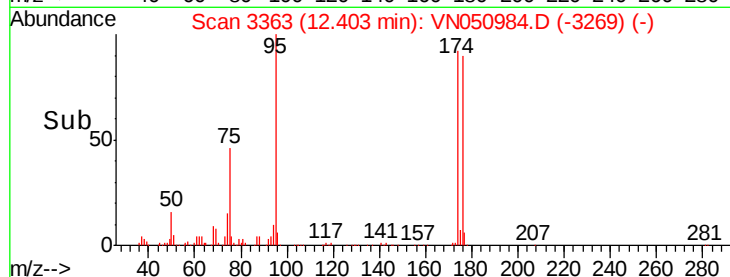
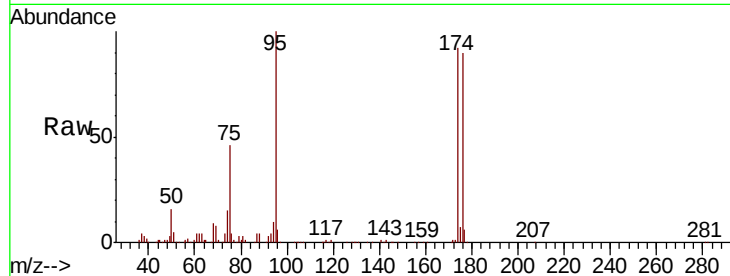




#62
4-Bromofluorobenzene
Concen: 41.04 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

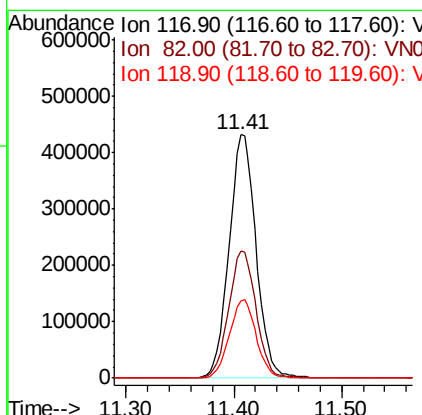
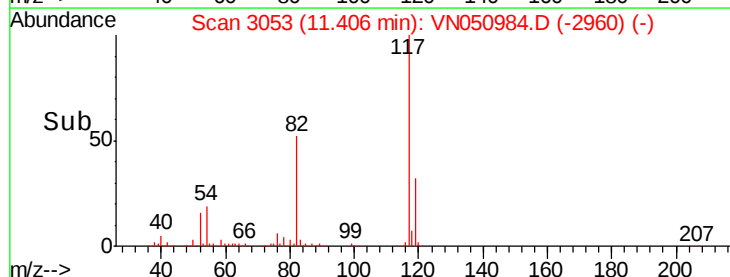
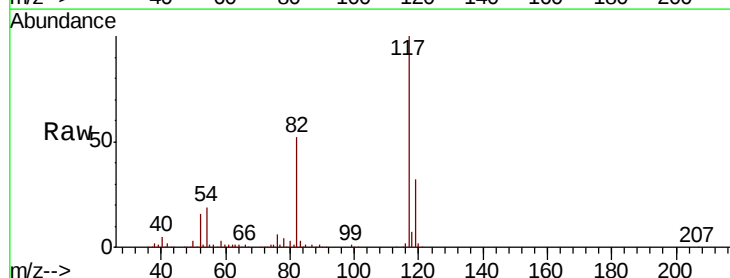
Instrument :
MSVOA_N
ClientSampleId :
SB-1-@-8-FTME

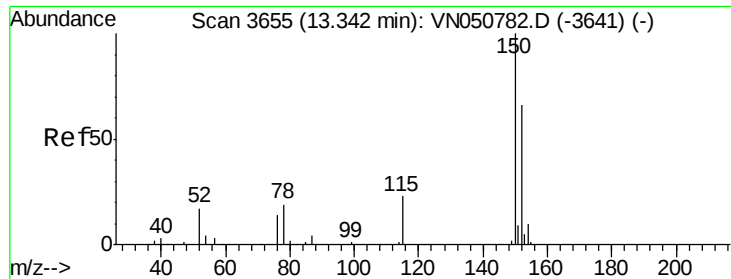
Tot Ion: 95 Resp: 348680
Ion Ratio Lower Upper
95 100
174 92.7 0.0 183.0
176 88.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

Tgt Ion: 117 Resp: 753991
Ion Ratio Lower Upper
117 100
82 52.4 42.6 64.0
119 31.6 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: VN050984.D

Acq: 31 Aug 2018 13:36

Instrument :

MSVOA_N

ClientSampleId :

SB-1-@-8-FTME

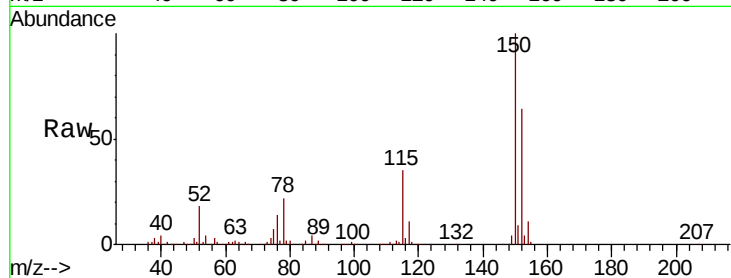
Tot Ion:152 Resp: 296225

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

150 156.5 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

