

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042719\
 Data File : VN055270.D
 Acq On : 26 Apr 2019 12:44
 Operator : JC/SP
 Sample : K2576-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16

Quant Time: Apr 27 03:02:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	404424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	678869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	609563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	170008	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	268720	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
35) Dibromofluoromethane	7.59	113	219215	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
50) Toluene-d8	10.09	98	835614	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.40	95	248945	46.01	ug/l	0.00
Spiked Amount			Recovery	=	92.02%	

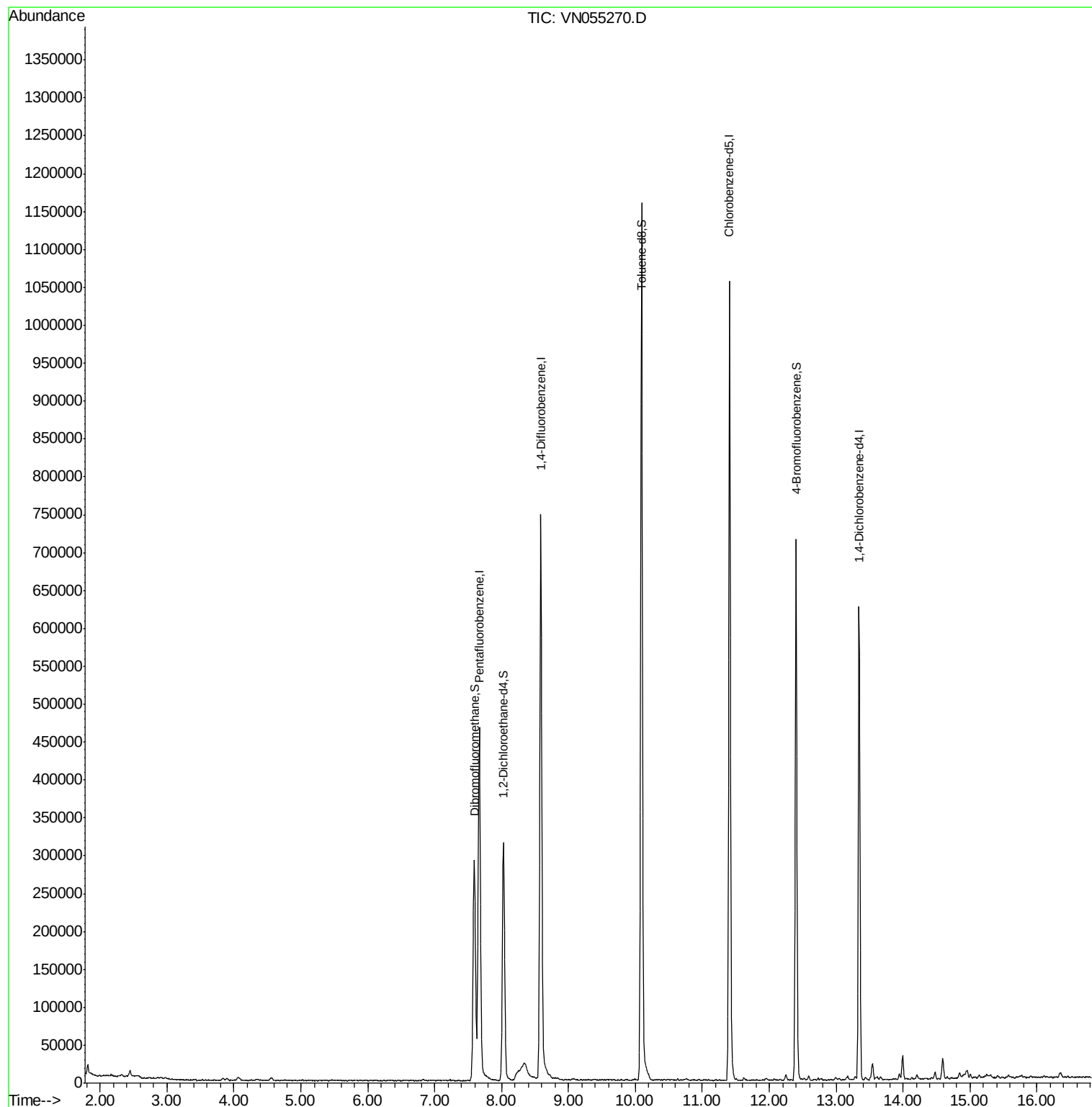
Target Compounds	Qvalue
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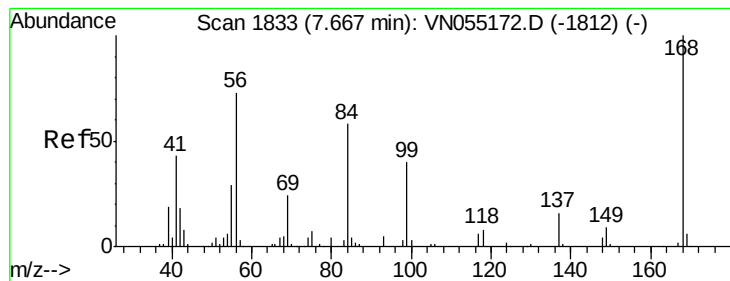
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055270.D

Acq: 26 Apr 2019 12:44

Instrument :

MSVOA_N

ClientSampled :

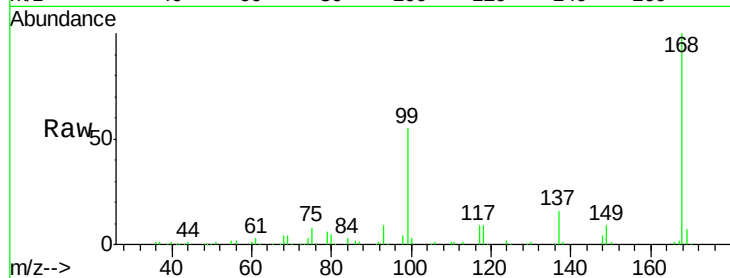
MW-16

Tot Ion:168 Resp: 404424

Ion Ratio Lower Upper

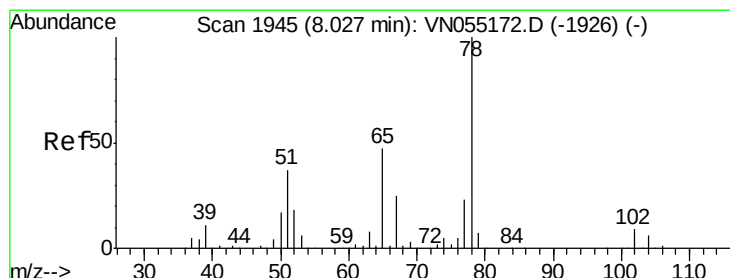
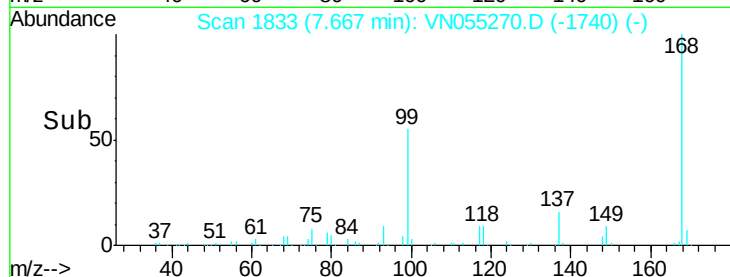
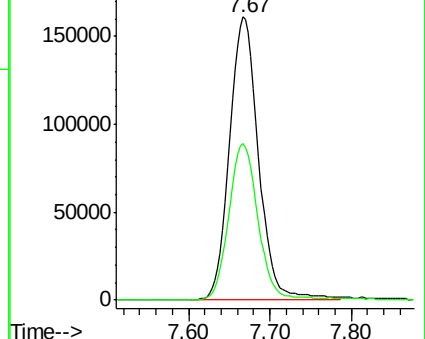
168 100

99 55.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 49.090 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055270.D

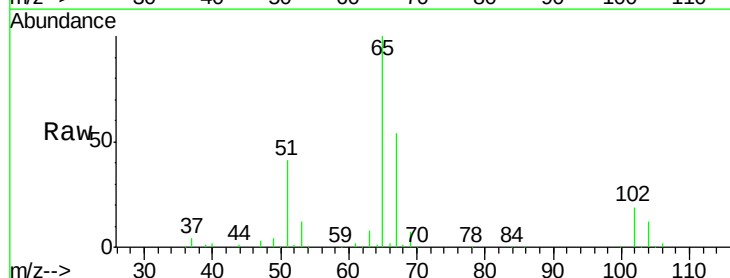
Acq: 26 Apr 2019 12:44

Tgt Ion: 65 Resp: 268720

Ion Ratio Lower Upper

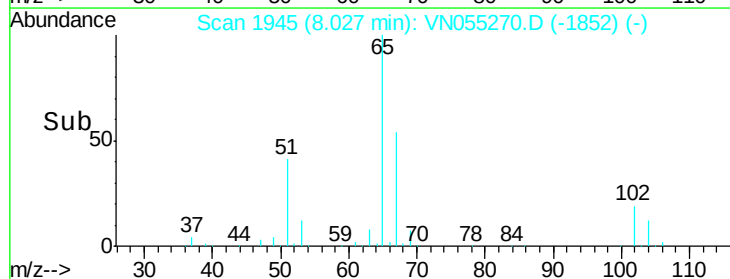
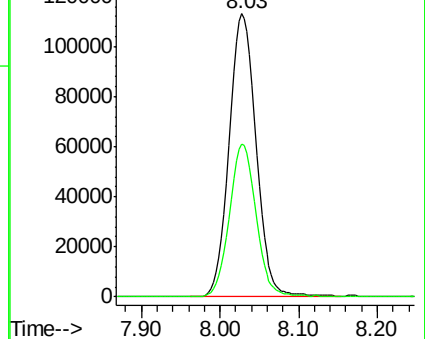
65 100

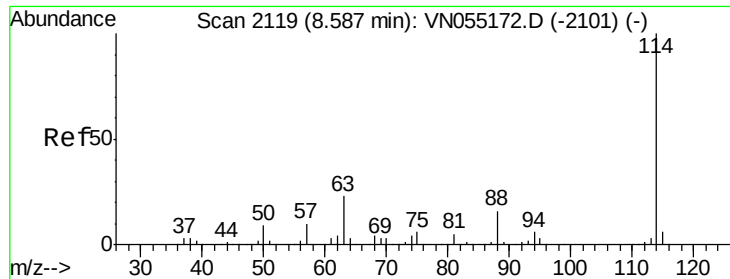
67 53.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

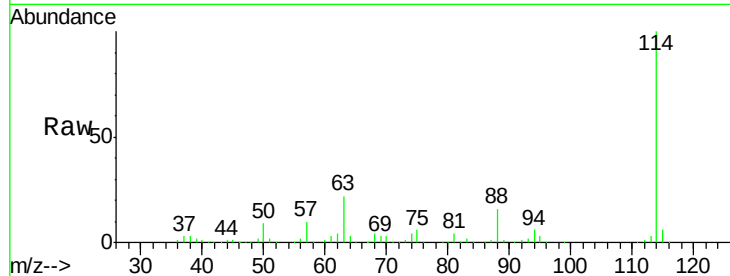




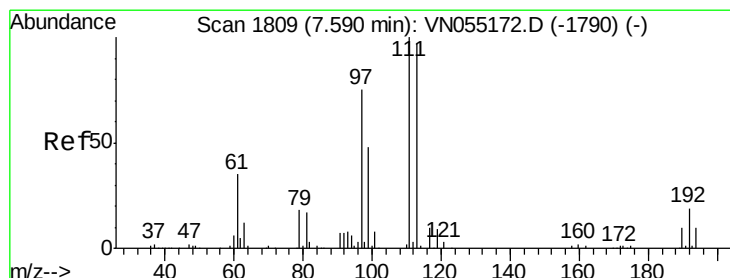
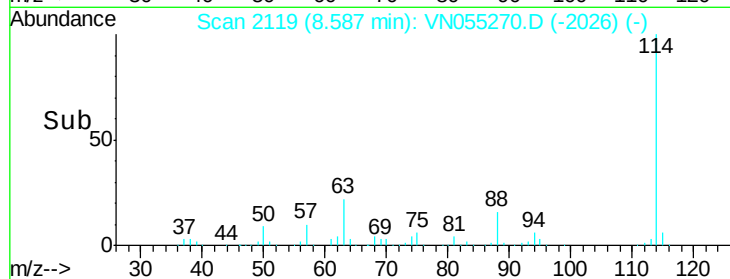
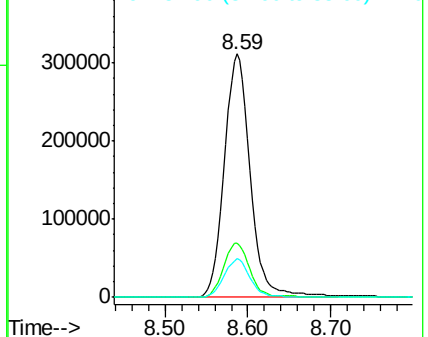
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055270.D
Acq: 26 Apr 2019 12:44

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tot Ion:114 Resp: 678869
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.2
88 15.8 0.0 32.8

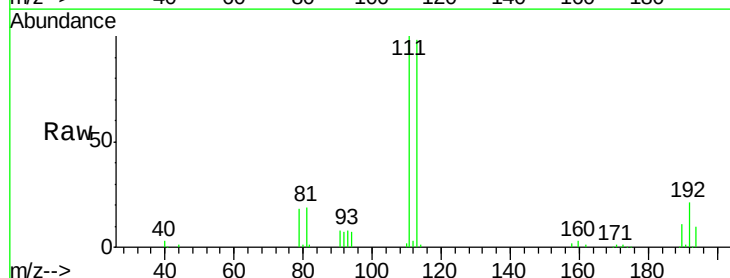


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

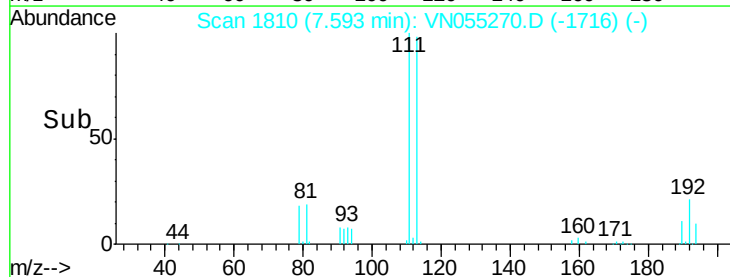
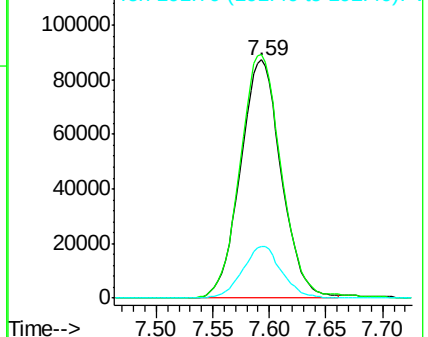


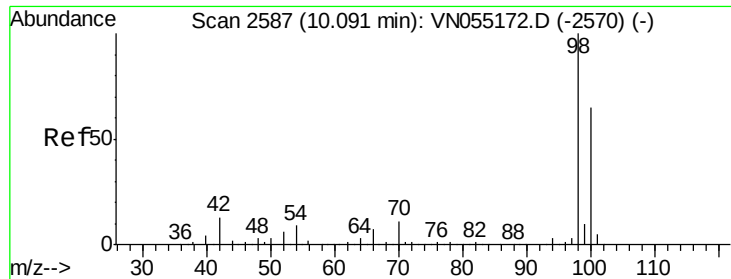
#35
Dibromofluoromethane
Concen: 47.533 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055270.D
Acq: 26 Apr 2019 12:44

Tgt Ion:113 Resp: 219215
Ion Ratio Lower Upper
113 100
111 103.7 81.0 121.4
192 20.8 16.2 24.4



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: 48.902 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055270.D

Acq: 26 Apr 2019 12:44

Instrument :

MSVOA_N

ClientSampleId :

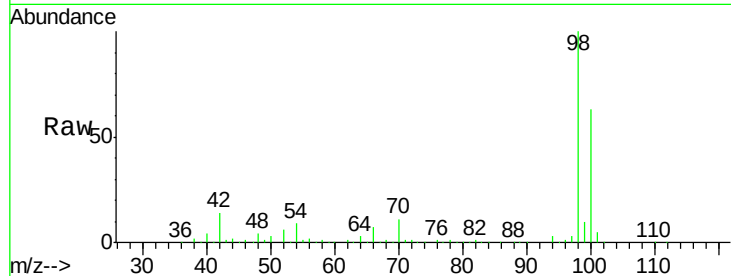
MW-16

Tot Ion: 98 Resp: 835614

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN055270.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055270.D (-2494) (-)

10.09

400000

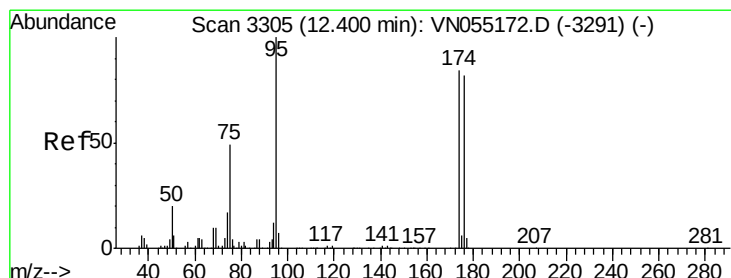
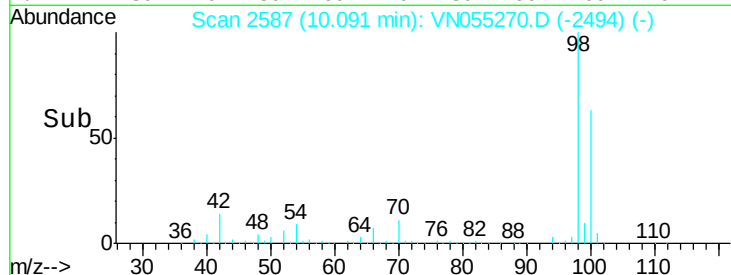
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.005 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055270.D

Acq: 26 Apr 2019 12:44

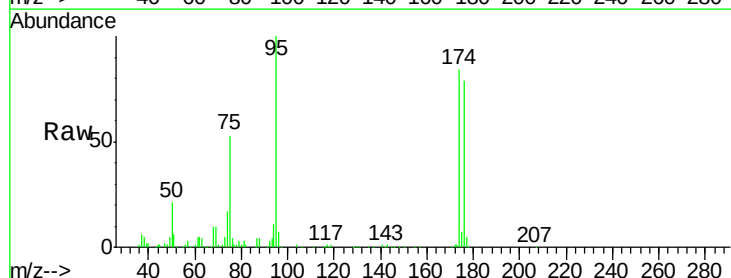
Tgt Ion: 95 Resp: 248945

Ion Ratio Lower Upper

95 100

174 83.5 0.0 168.4

176 80.0 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): VN055270.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055270.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055270.D (-3212) (-)

12.40

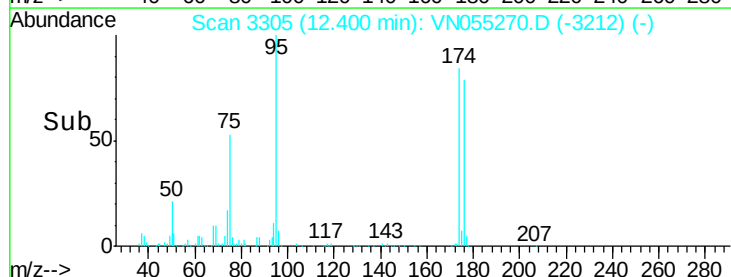
150000

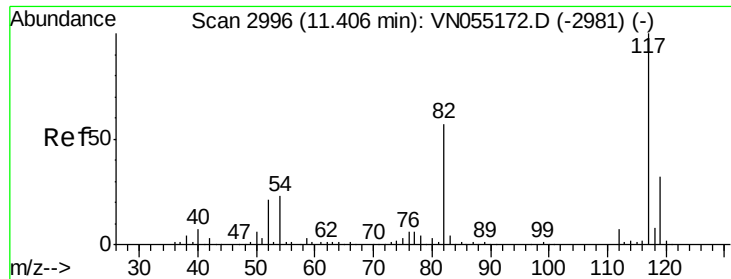
100000

50000

0

Time-->

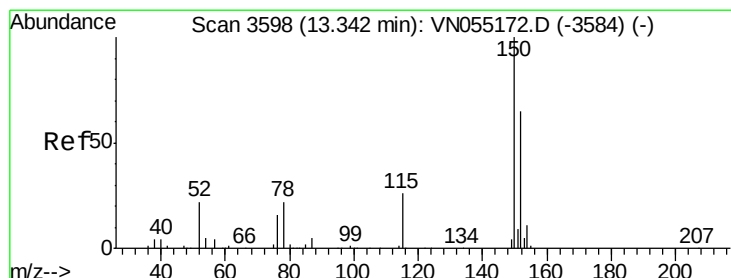
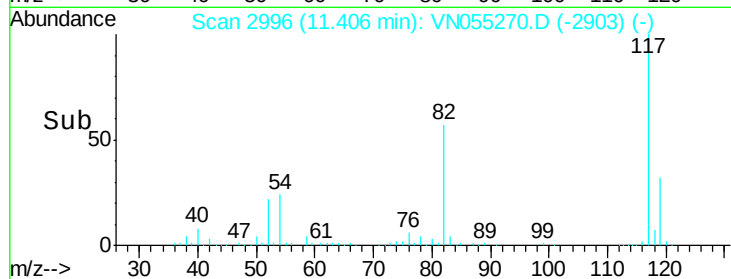
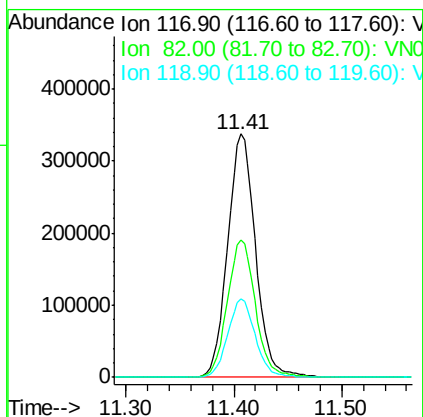
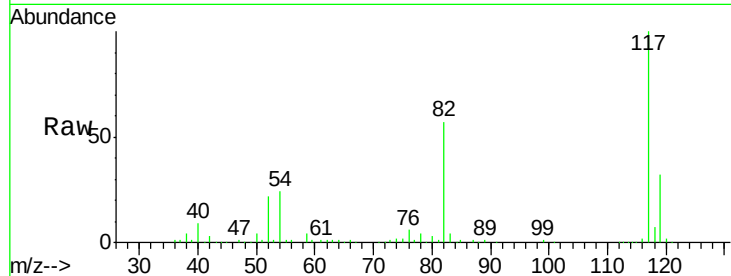




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055270.D
Acq: 26 Apr 2019 12:44

Instrument :
MSVOA_N
ClientSampled :
MW-16

Tot Ion:117 Resp: 609563
Ion Ratio Lower Upper
117 100
82 56.6 45.7 68.5
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055270.D
Acq: 26 Apr 2019 12:44

Tgt Ion:152 Resp: 170008
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 155.3 0.0 346.6

