

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053182.D
 Acq On : 24 Dec 2018 13:53
 Operator : MD\SY
 Sample : J6528-02 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 23737

Quant Time: Dec 25 00:09:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

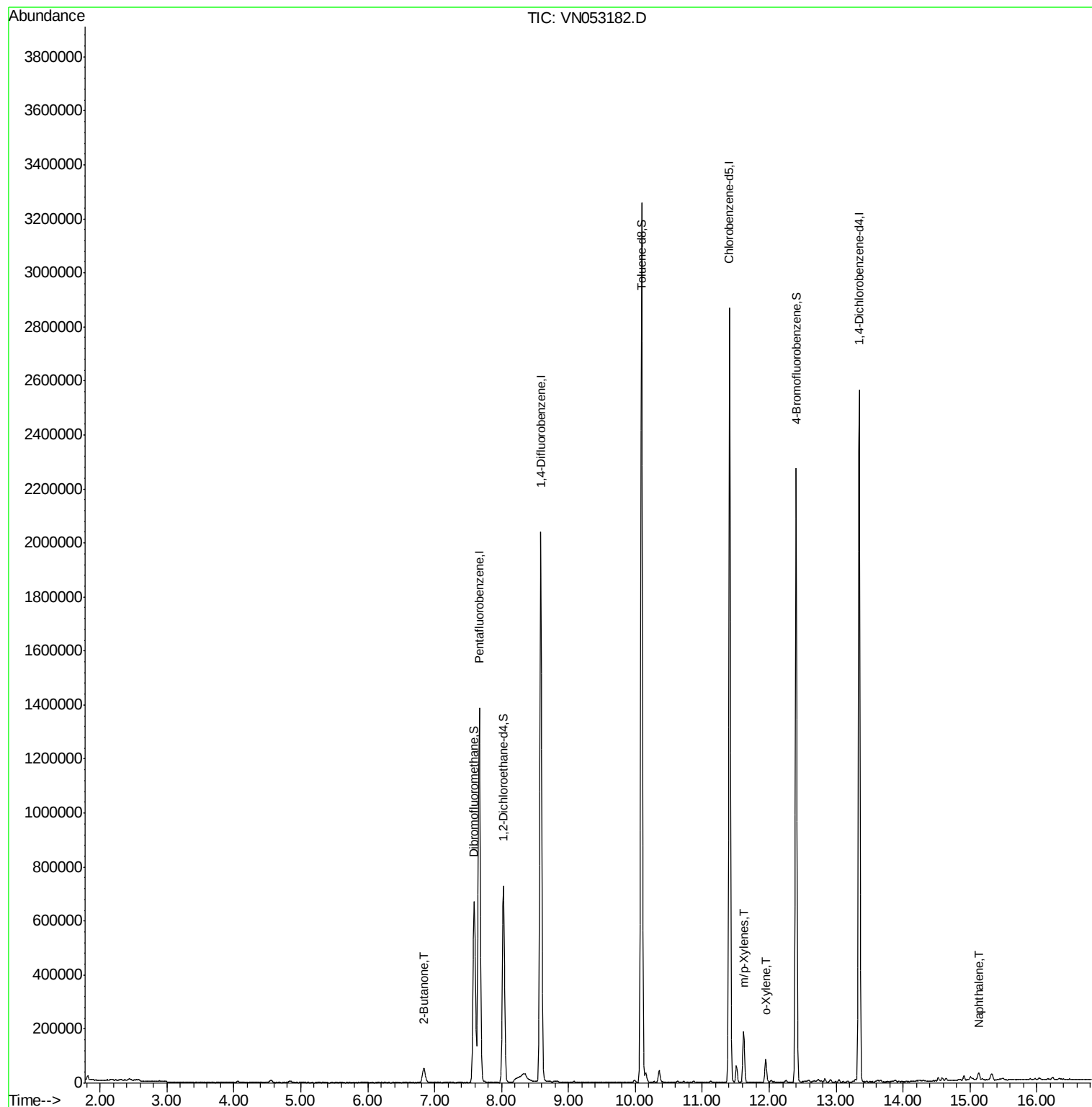
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1230421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1907254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1734704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	738644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	609724	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
35) Dibromofluoromethane	7.59	113	526262	60.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.80%	
50) Toluene-d8	10.09	98	2330938	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.40	95	804770	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
Target Compounds						
25) 2-Butanone	6.84	43	97106	23.634	ug/l	98
68) m/p-Xylenes	11.62	106	60868	2.421	ug/l	98
69) o-Xylene	11.95	106	24641	1.021	ug/l	99
95) Naphthalene	15.13	128	24354	1.966	ug/l	98

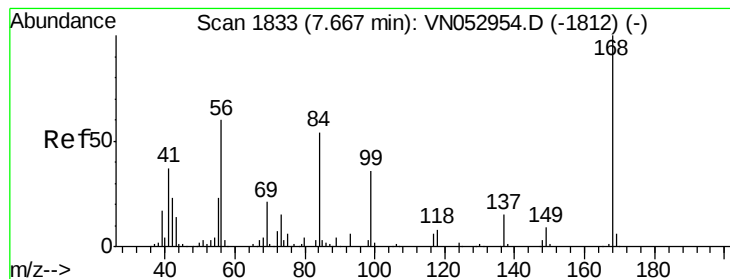
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122418\
Data File : VN053182.D
Acq On : 24 Dec 2018 13:53
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Sample : J6528-02 100X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 28

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053182.D

Acq: 24 Dec 2018 13:53

Instrument :

MSVOA_N

ClientSampleId :

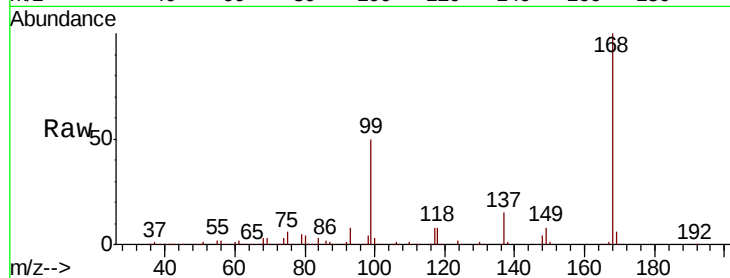
23737

Tot Ion:168 Resp: 1230421

Ion Ratio Lower Upper

168 100

99 49.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053182.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053182.D (-1740) (-)

7.67

600000

500000

400000

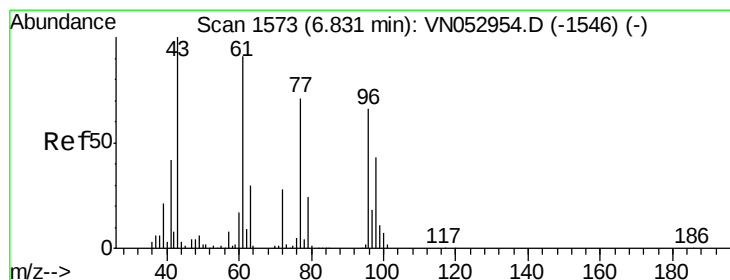
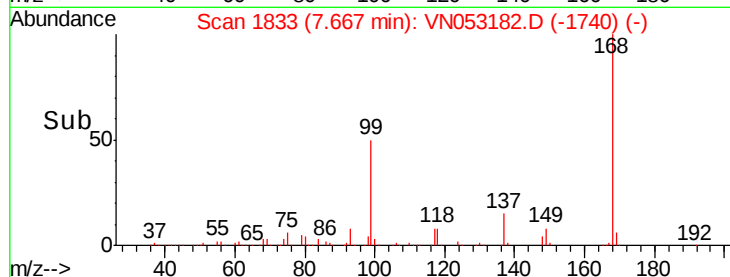
300000

200000

100000

0

Time-->



#25

2-Butanone

Concen: 23.634 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN053182.D

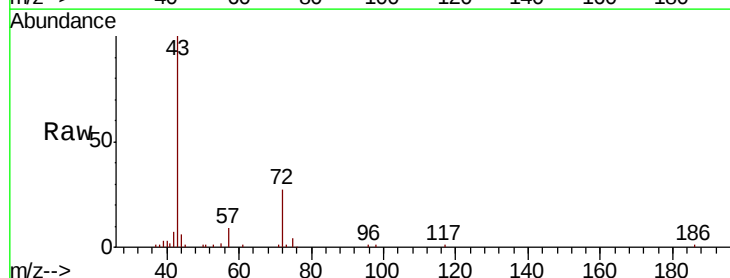
Acq: 24 Dec 2018 13:53

Tgt Ion: 43 Resp: 97106

Ion Ratio Lower Upper

43 100

72 27.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN053182.D (-1480) (-)

Ion 72.00 (71.70 to 72.70): VN053182.D (-1480) (-)

6.84

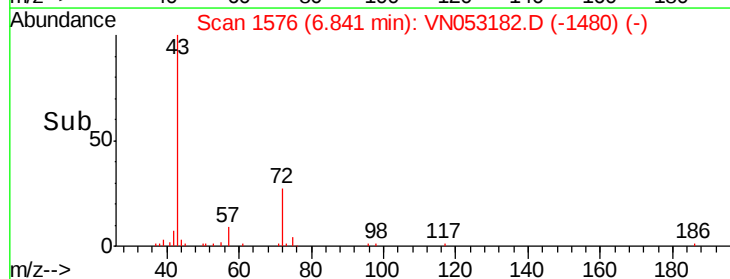
30000

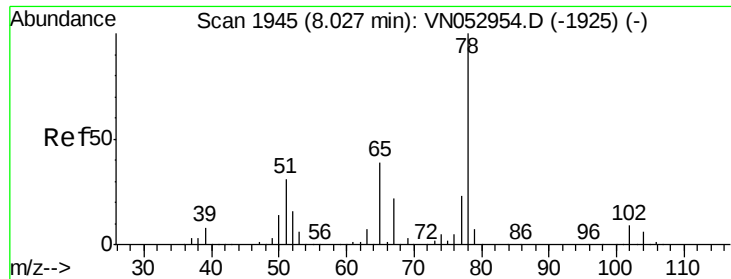
20000

10000

0

Time-->

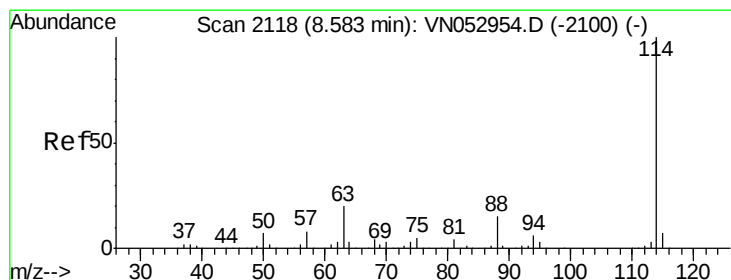
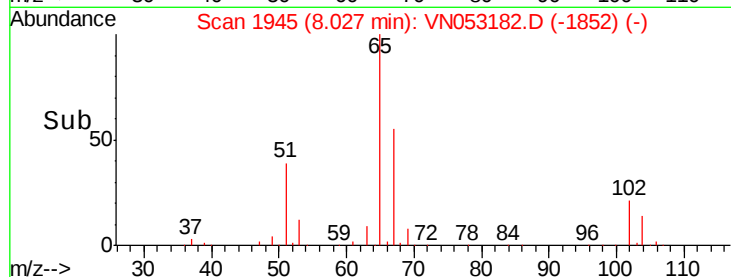
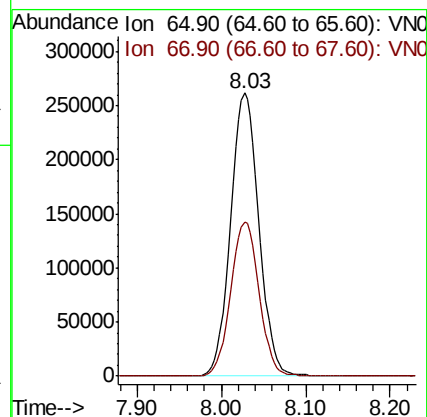
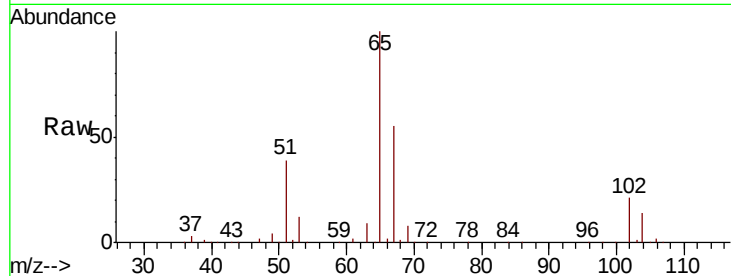




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053182.D
 Acq: 24 Dec 2018 13:53

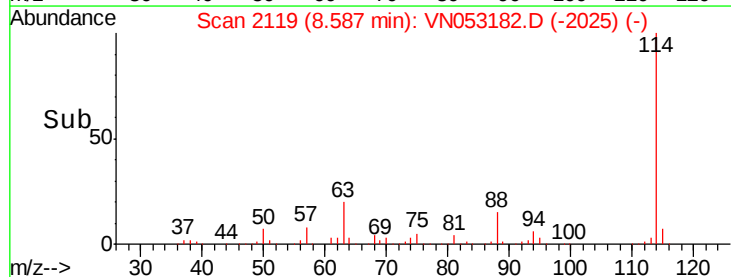
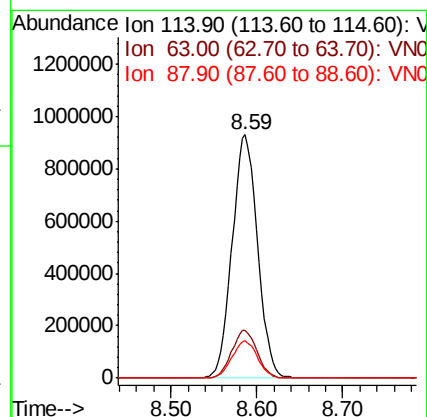
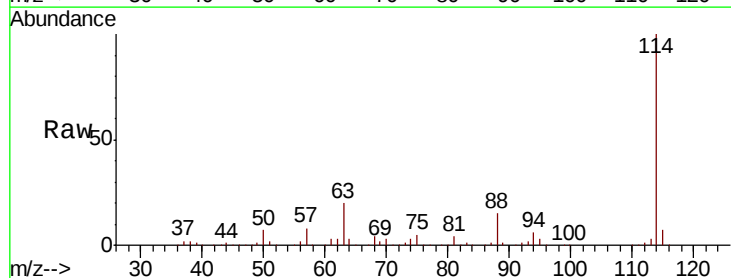
Instrument :
 MSVOA_N
 ClientSampleId :
 23737

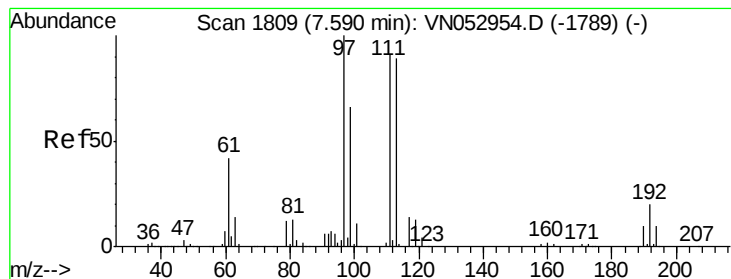
Tot Ion: 65 Resp: 609724
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053182.D
 Acq: 24 Dec 2018 13:53

Tgt Ion: 114 Resp: 1907254
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN053182.D

Acq: 24 Dec 2018 13:53

Instrument :

MSVOA_N

ClientSampled :

23737

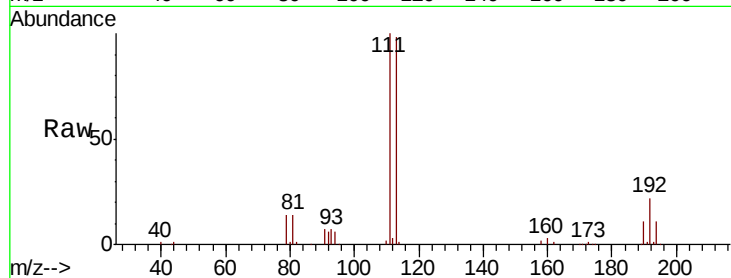
Tot Ion:113 Resp: 526262

Ion Ratio Lower Upper

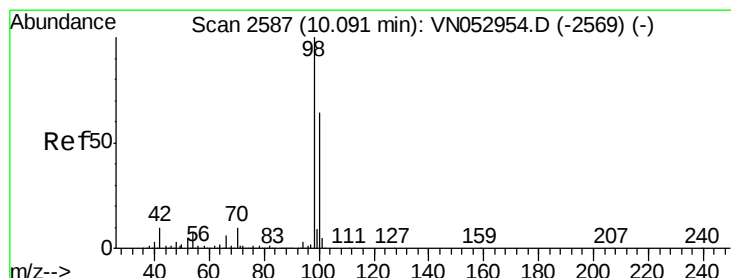
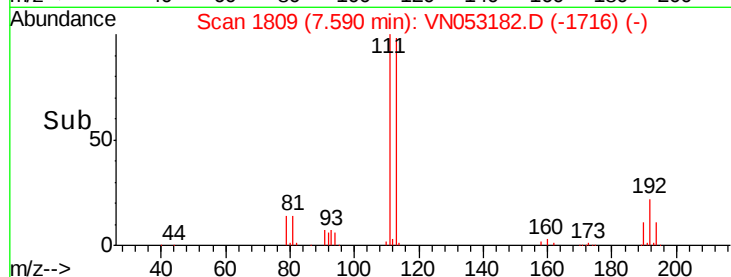
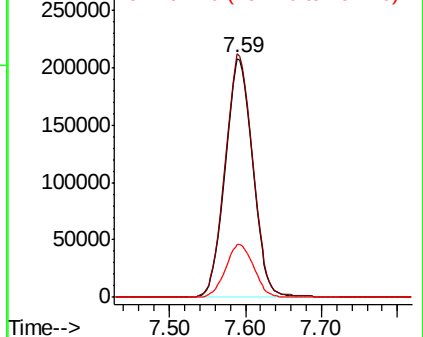
113 100

111 102.2 83.0 124.4

192 22.5 17.5 26.3



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053182.D

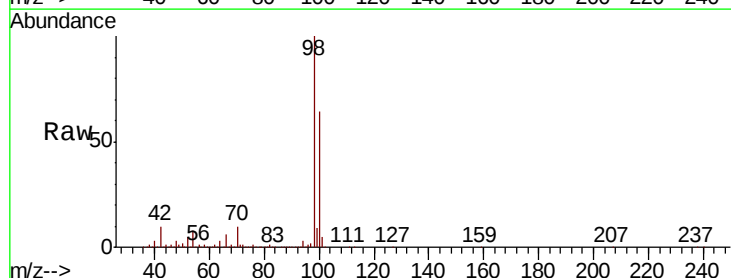
Acq: 24 Dec 2018 13:53

Tgt Ion: 98 Resp: 2330938

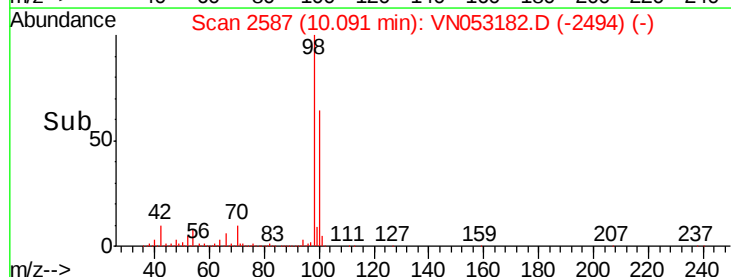
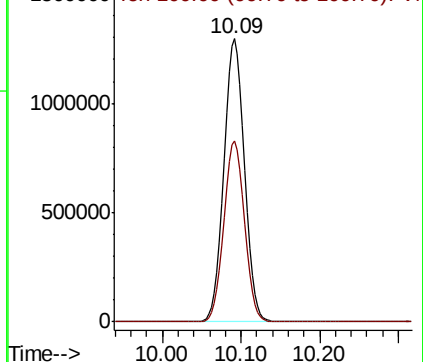
Ion Ratio Lower Upper

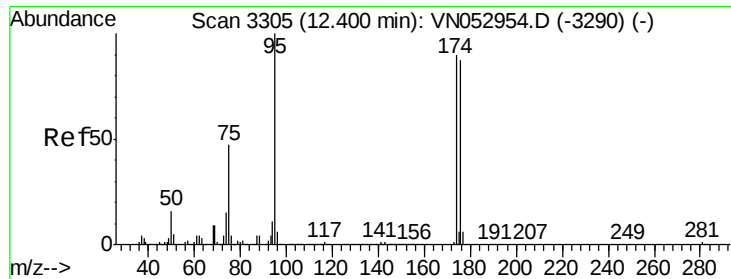
98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

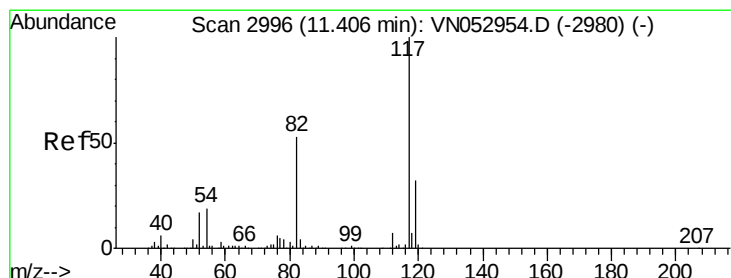
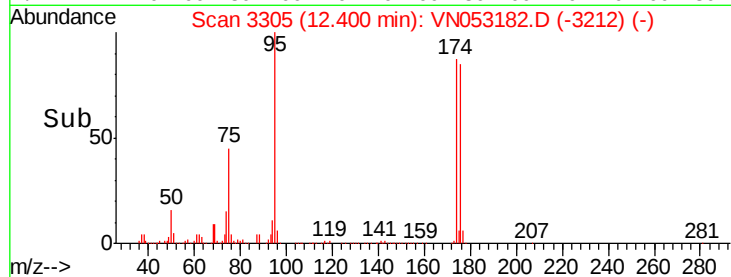
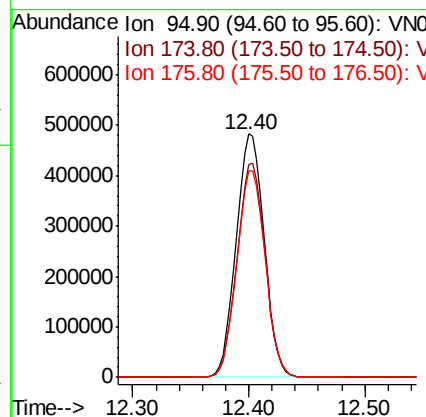
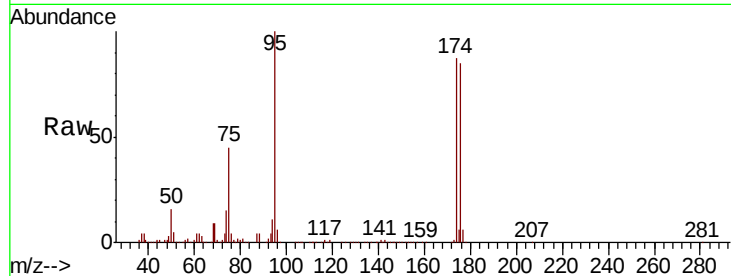




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053182.D
Acq: 24 Dec 2018 13:53

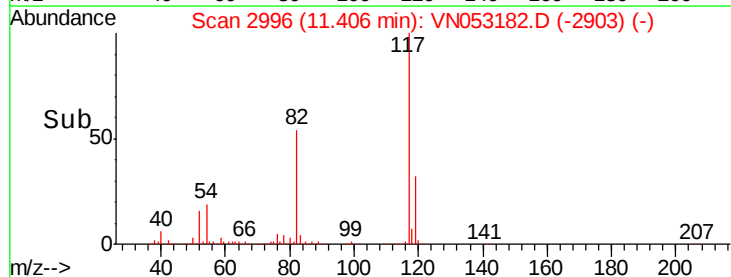
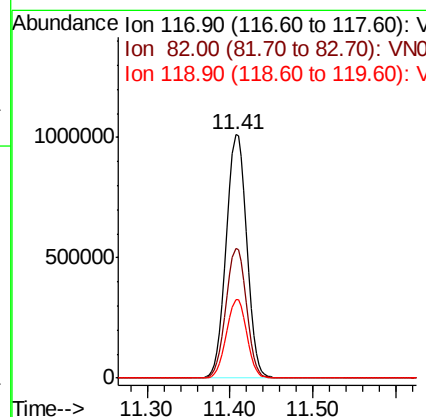
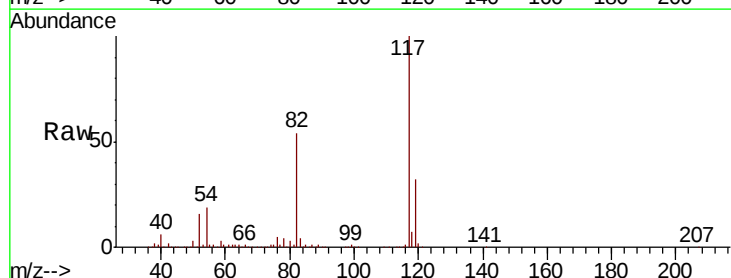
Instrument :
MSVOA_N
ClientSampleId :
23737

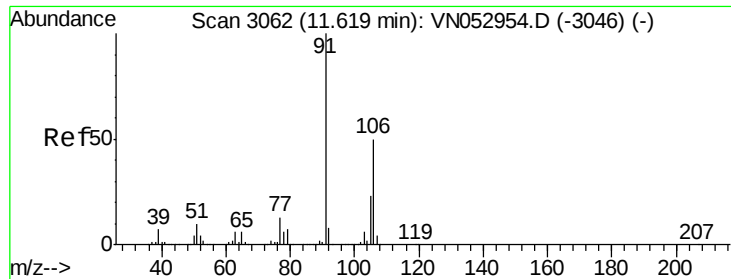
Tot Ion: 95 Resp: 804770
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.8
176 85.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053182.D
Acq: 24 Dec 2018 13:53

Tgt Ion: 117 Resp: 1734704
Ion Ratio Lower Upper
117 100
82 53.5 42.8 64.2
119 32.0 25.5 38.3

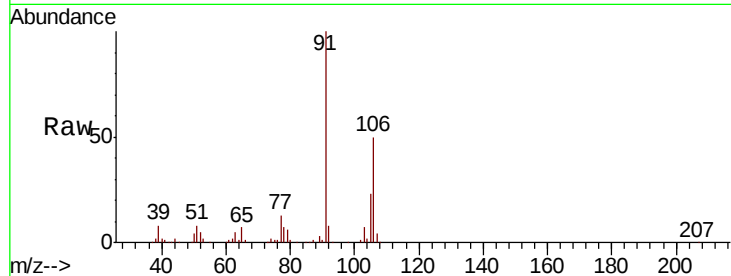




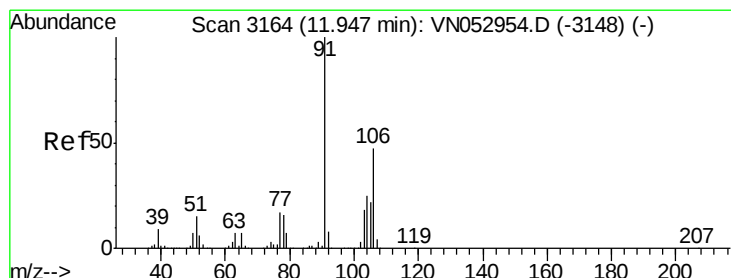
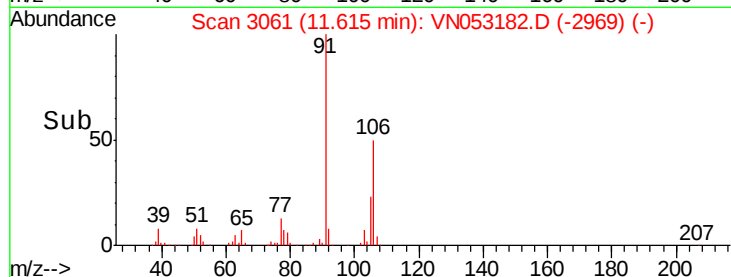
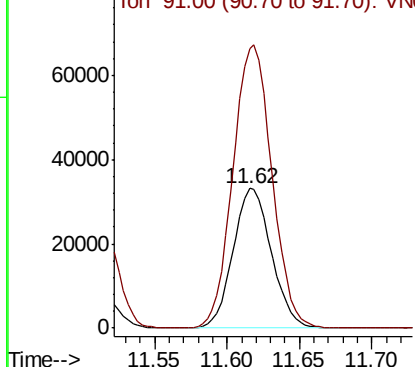
#68
m/p-Xylenes
Concen: 2.421 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN053182.D
Acq: 24 Dec 2018 13:53

Instrument :
MSVOA_N
ClientSampled :
23737

Tot Ion:106 Resp: 60868
Ion Ratio Lower Upper
106 100
91 206.3 162.2 243.4

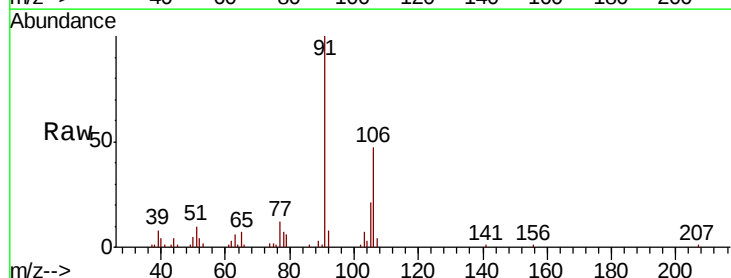


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

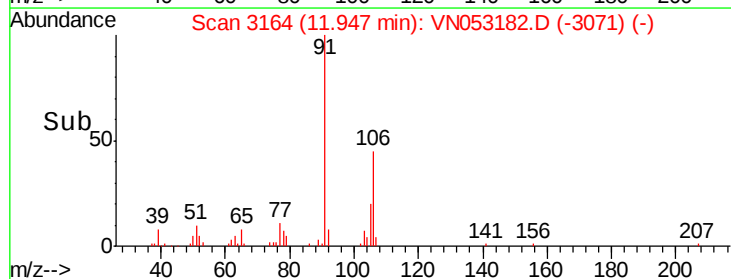
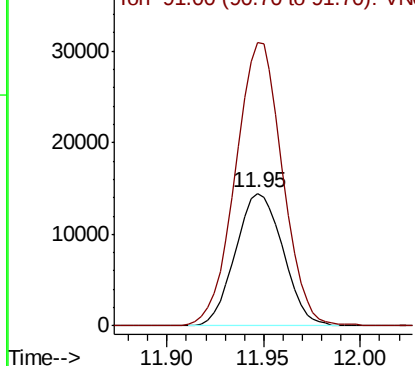


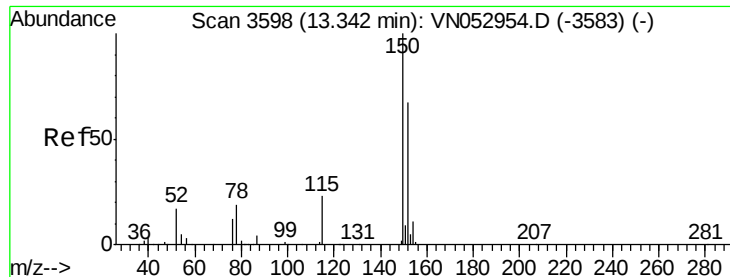
#69
o-Xylene
Concen: 1.021 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053182.D
Acq: 24 Dec 2018 13:53

Tgt Ion:106 Resp: 24641
Ion Ratio Lower Upper
106 100
91 212.2 106.6 319.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053182.D

Acq: 24 Dec 2018 13:53

Instrument :

MSVOA_N

ClientSampled :

23737

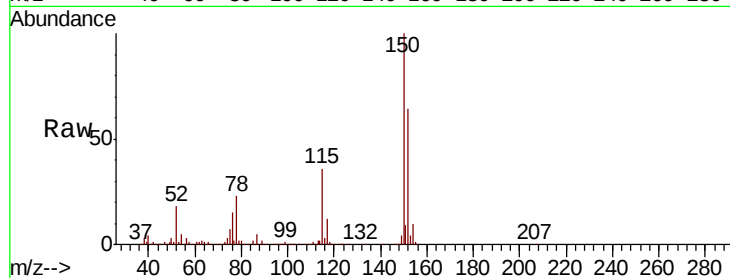
Tot Ion:152 Resp: 738644

Ion Ratio Lower Upper

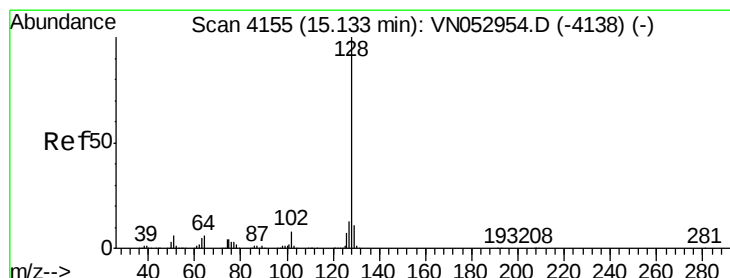
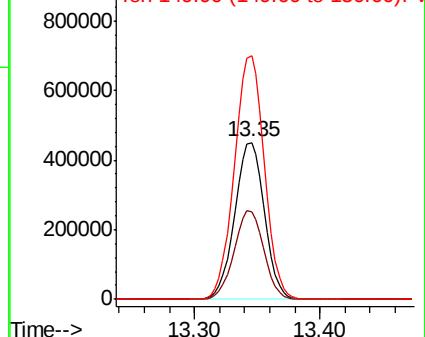
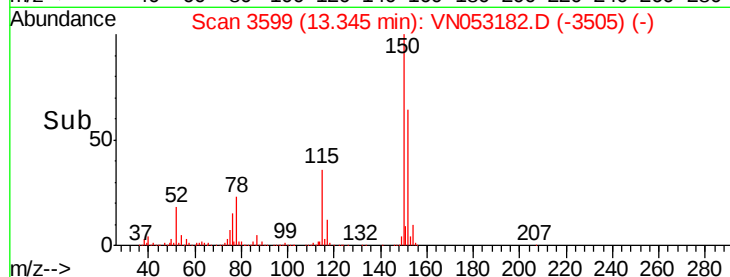
152 100

115 56.6 28.3 85.0

150 156.5 0.0 347.8



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



#95

Naphthalene

Concen: 1.966 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053182.D

Acq: 24 Dec 2018 13:53

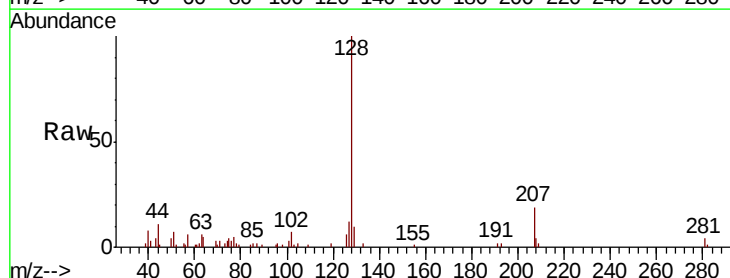
Tgt Ion:128 Resp: 24354

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 11.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

