

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053154.D
 Acq On : 23 Dec 2018 1:39
 Operator : MD\SY
 Sample : J6446-06ME 10X
 Misc : 6.50g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS026-1824-01ME

Quant Time: Dec 24 04:25:39 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

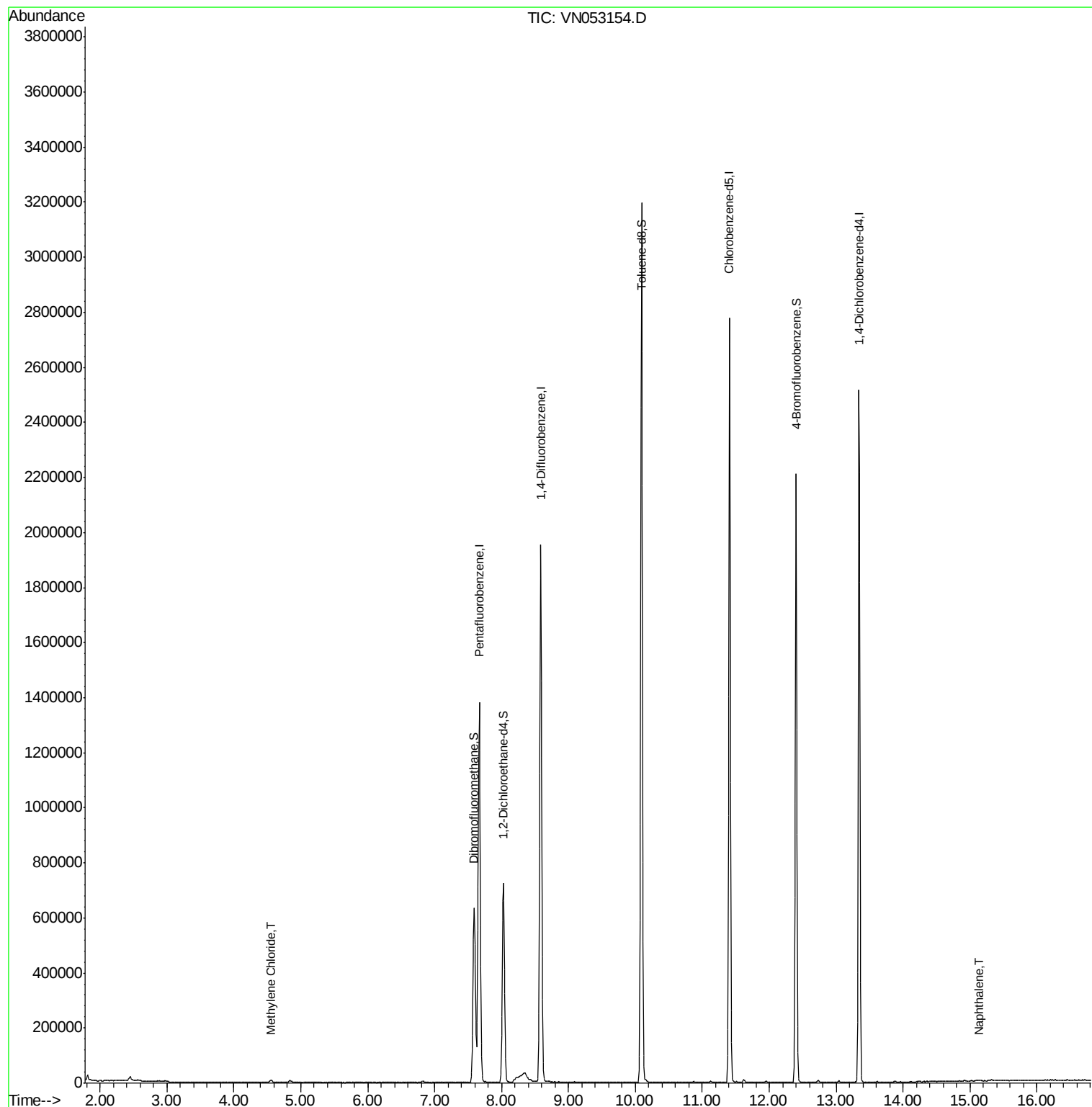
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1206605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1864749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1684248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	709551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	599931	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
35) Dibromofluoromethane	7.59	113	498221	58.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.98%	
50) Toluene-d8	10.09	98	2278433	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.40	95	781660	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
Target Compounds						
20) Methylene Chloride	4.56	84	7188	0.549	ug/l	90
95) Naphthalene	15.13	128	2727	1.242	ug/l #	81

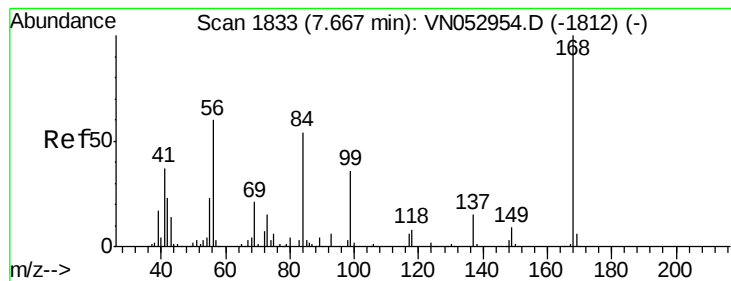
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
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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: VN053154.D

Acq: 23 Dec 2018 1:39

Instrument :

MSVOA_N

ClientSampleId :

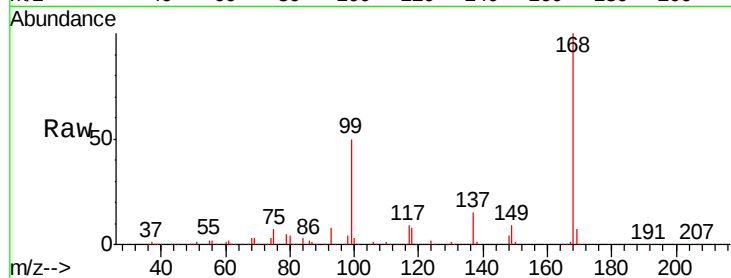
P001-SS026-1824-01ME

Tgt Ion:168 Resp: 1206605

Ion Ratio Lower Upper

168 100

99 49.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

200000

100000

0

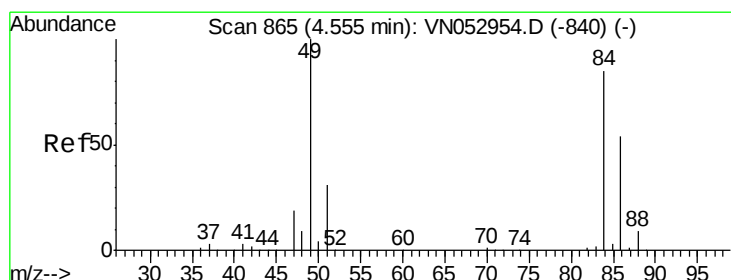
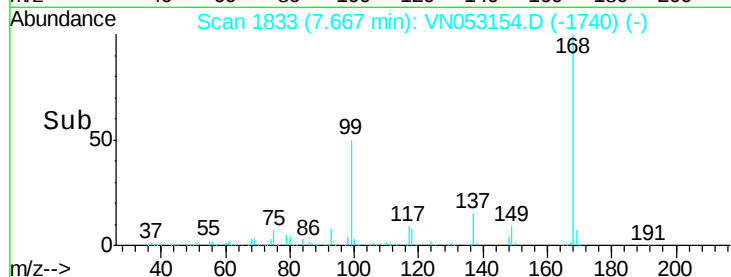
7.67

7.60

7.70

7.80

Time-->



#20

Methylene Chloride

Concen: 0.549 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN053154.D

Acq: 23 Dec 2018 1:39

Tgt Ion: 84 Resp: 7188

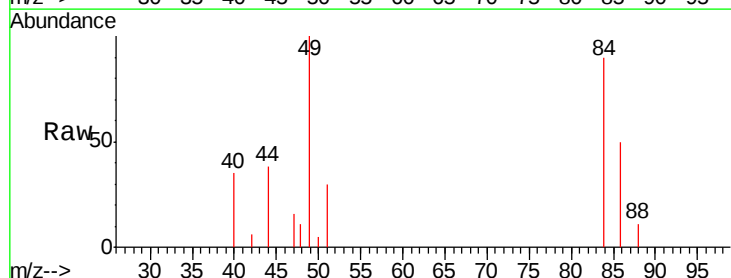
Ion Ratio Lower Upper

84 100

49 110.8 96.8 145.2

51 33.6 29.9 44.9

86 55.0 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

4000

3000

2000

1000

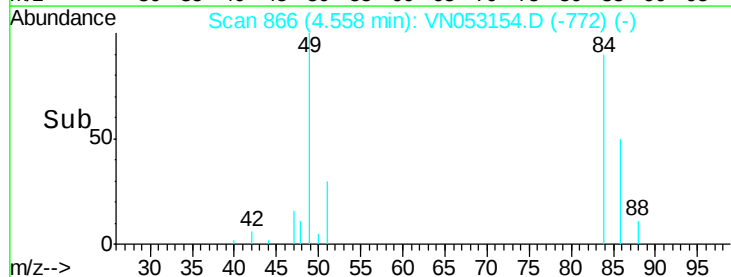
0

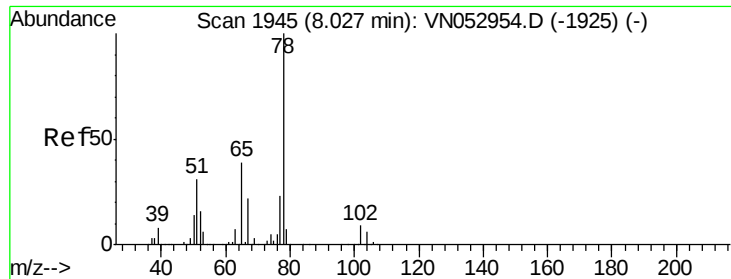
4.56

4.50

4.60

Time-->

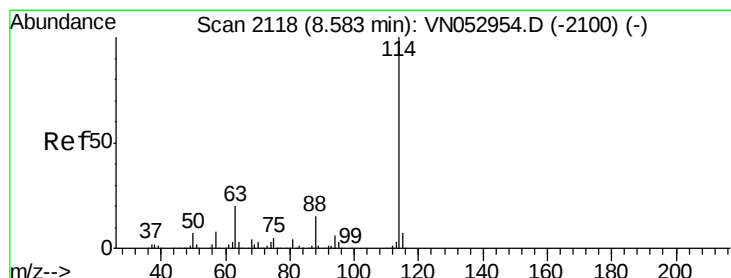
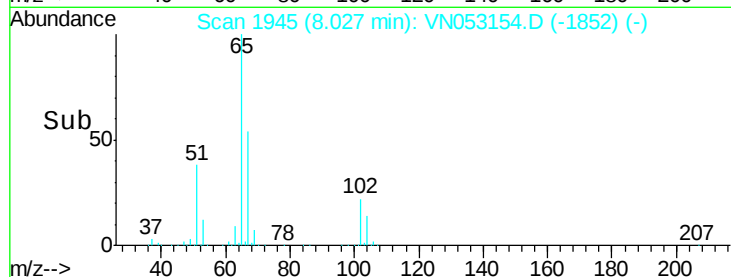
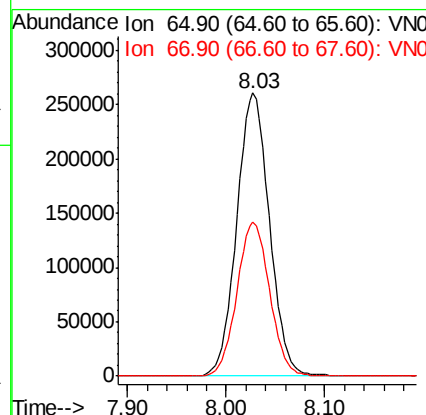
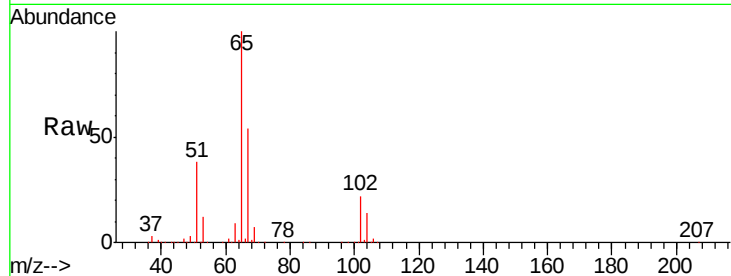




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053154.D
 Acq: 23 Dec 2018 1:39

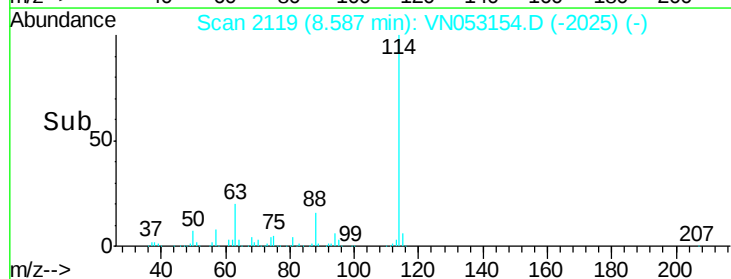
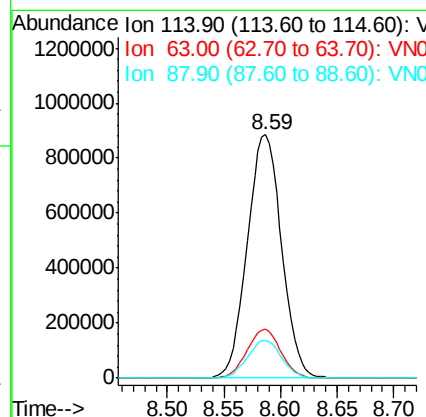
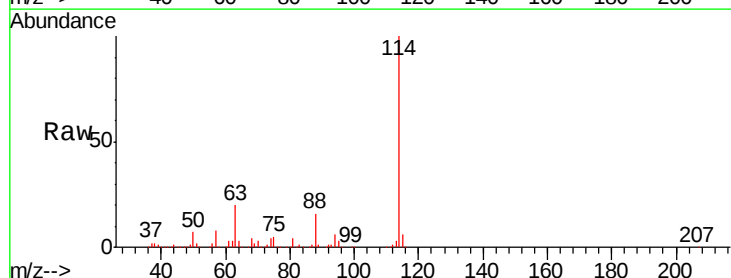
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS026-1824-01ME

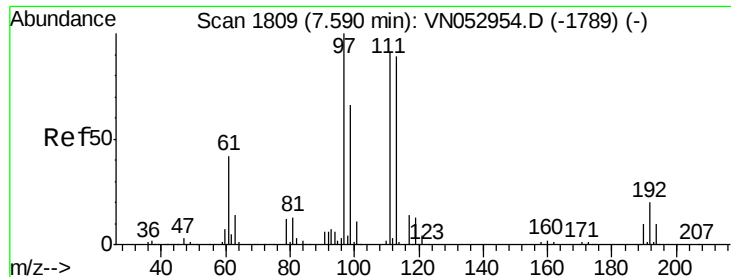
Tgt Ion: 65 Resp: 599931
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053154.D
 Acq: 23 Dec 2018 1:39

Tgt Ion: 114 Resp: 1864749
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.6 0.0 31.0

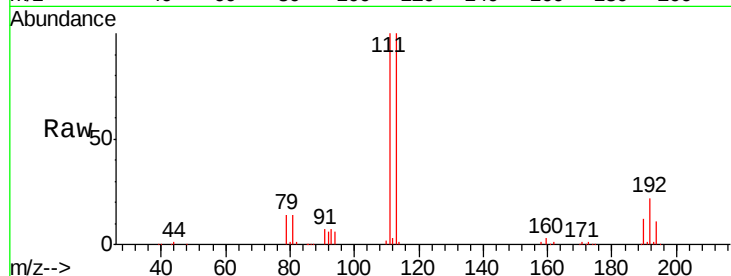




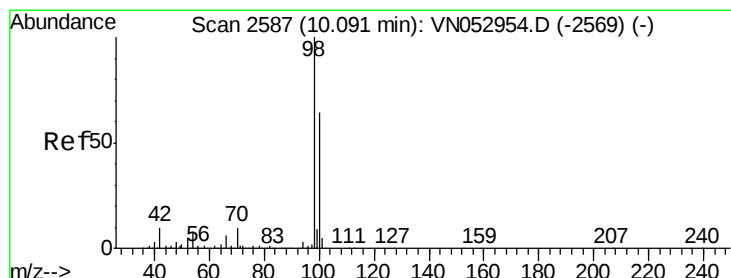
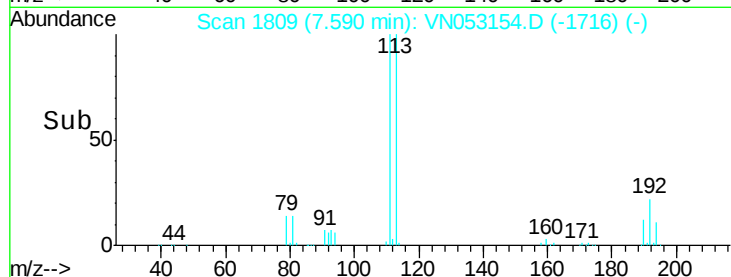
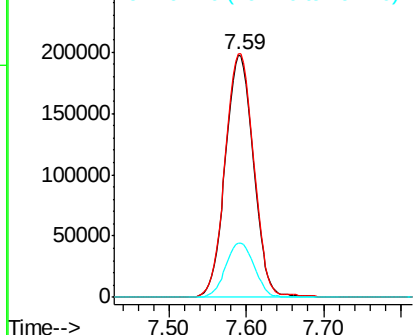
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053154.D
Acq: 23 Dec 2018 1:39

Instrument :
MSVOA_N
ClientSampleId :
P001-SS026-1824-01ME

Tgt Ion:113 Resp: 498221
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 22.7 17.5 26.3

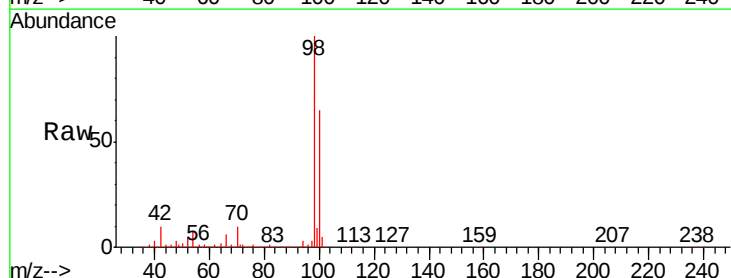


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

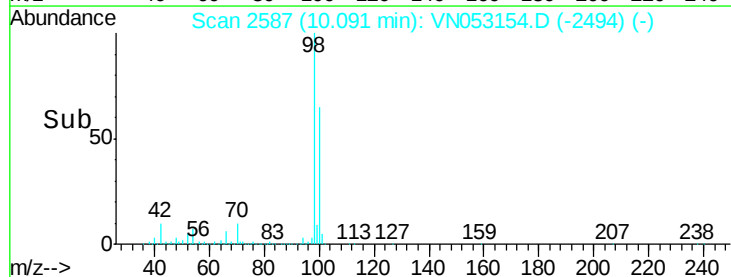
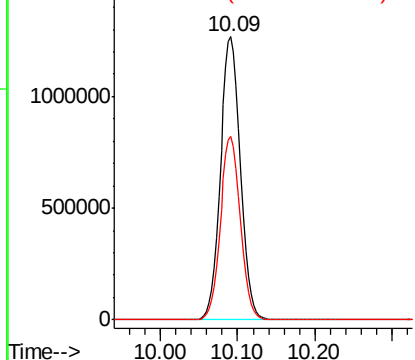


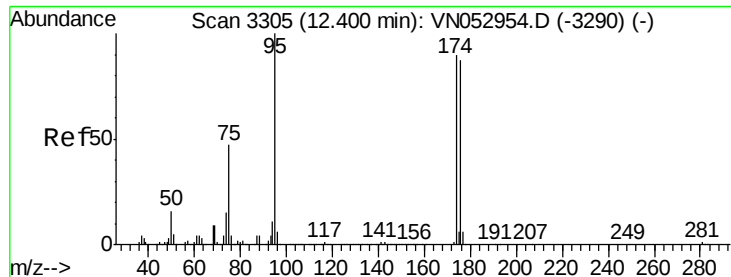
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053154.D
Acq: 23 Dec 2018 1:39

Tgt Ion: 98 Resp: 2278433
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053154.D

Acq: 23 Dec 2018 1:39

Instrument :

MSVOA_N

ClientSampleId :

P001-SS026-1824-01ME

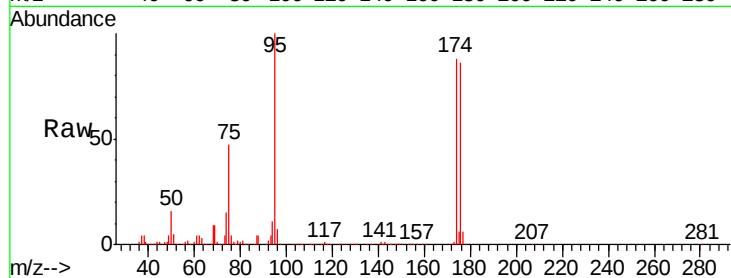
Tgt Ion: 95 Resp: 781660

Ion Ratio Lower Upper

95 100

174 89.0 0.0 178.8

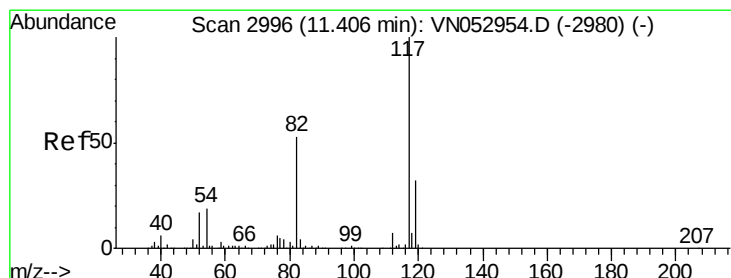
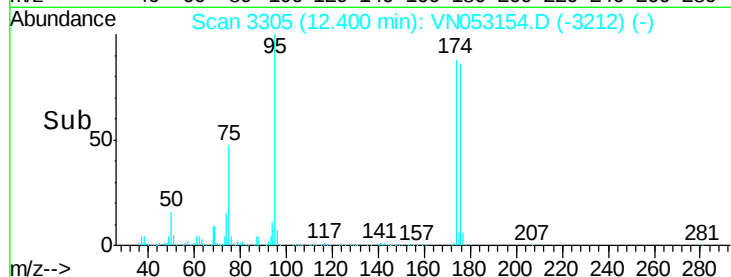
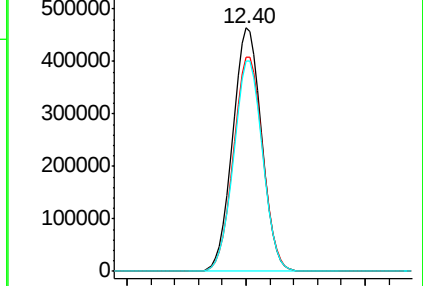
176 86.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053154.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053154.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053154.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053154.D

Acq: 23 Dec 2018 1:39

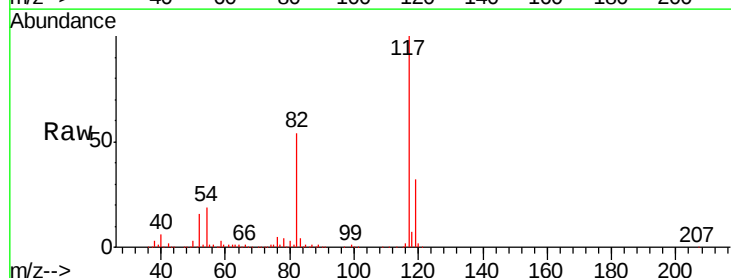
Tgt Ion: 117 Resp: 1684248

Ion Ratio Lower Upper

117 100

82 53.6 42.8 64.2

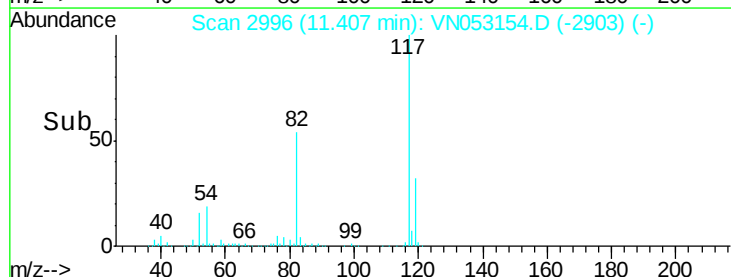
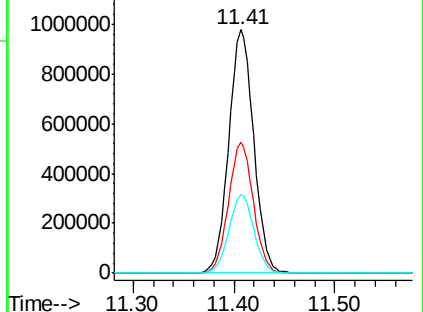
119 32.4 25.5 38.3

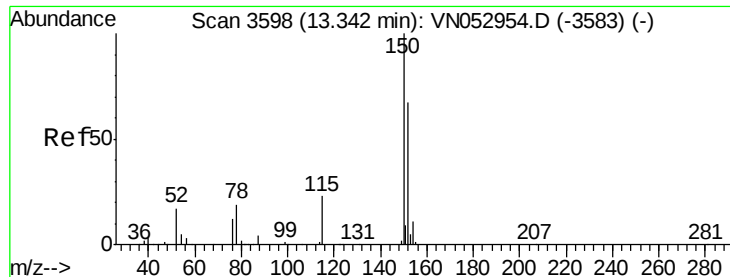


Abundance Ion 116.90 (116.60 to 117.60): VN053154.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053154.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053154.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053154.D

Acq: 23 Dec 2018 1:39

Instrument :

MSVOA_N

ClientSampleId :

P001-SS026-1824-01ME

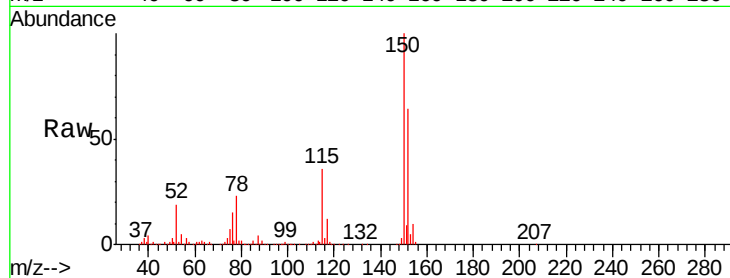
Tgt Ion:152 Resp: 709551

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

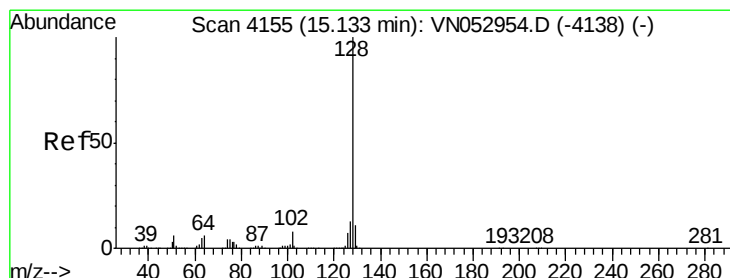
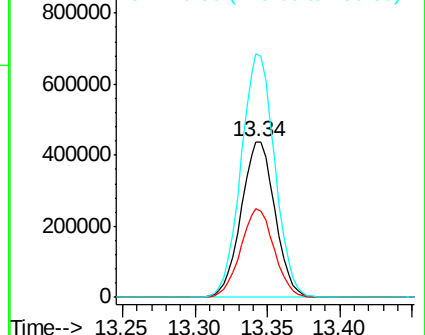
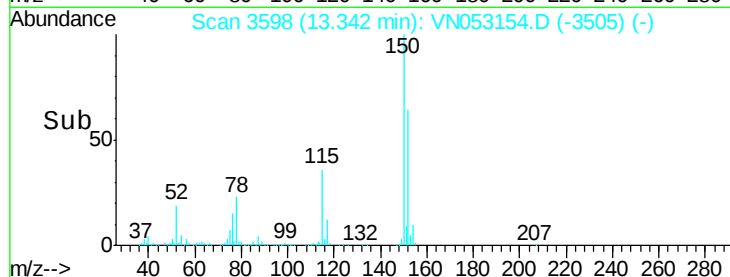
150 156.1 0.0 347.8



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: 1.242 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053154.D

Acq: 23 Dec 2018 1:39

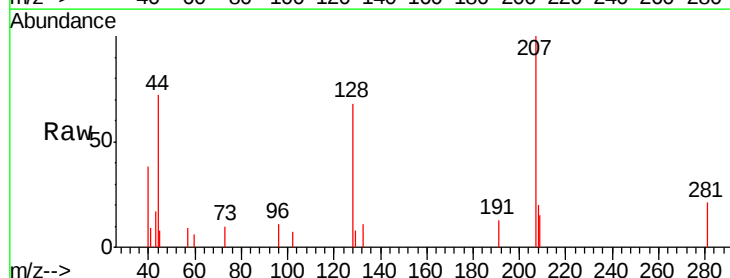
Tgt Ion:128 Resp: 2727

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 9.4 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

