

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054041.D
 Acq On : 1 Mar 2019 20:35
 Operator : JC/SP
 Sample : K1665-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 200053

Quant Time: Mar 02 05:41:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

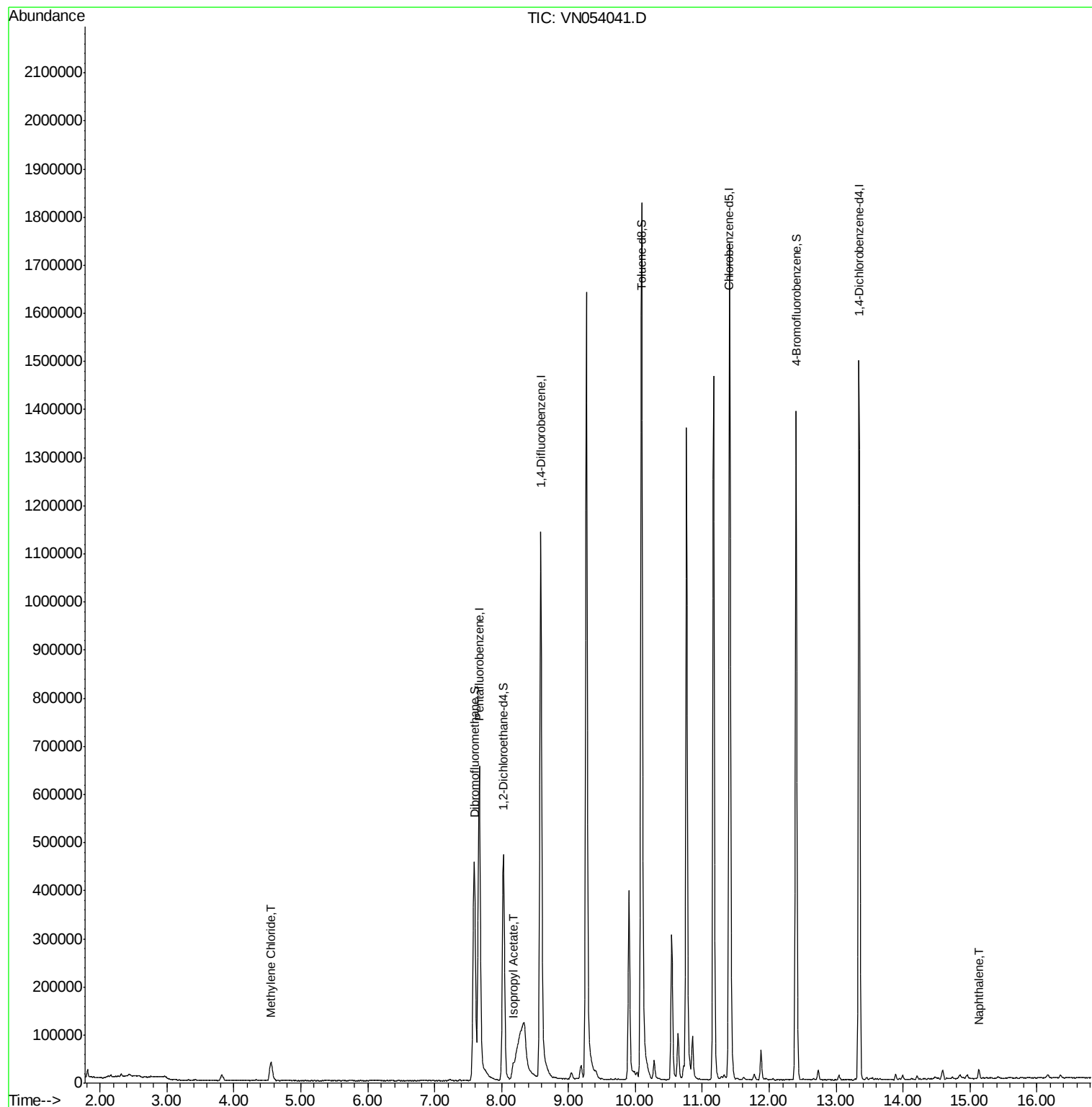
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	615771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1137229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1112965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	409152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	403464	55.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.80%	
35) Dibromofluoromethane	7.59	113	359595	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	10.09	98	1438039	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.40	95	486276	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
Target Compounds						
20) Methylene Chloride	4.55	84	27931	3.910	ug/l	87
43) Isopropyl Acetate	8.17	43	38952	3.055	ug/l #	90
95) Naphthalene	15.13	128	16755	4.180	ug/l	98

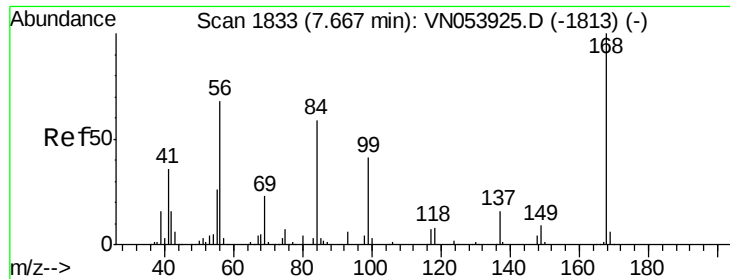
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN030219\
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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: VN054041.D

Acq: 1 Mar 2019 20:35

Instrument :

MSVOA_N

ClientSampled :

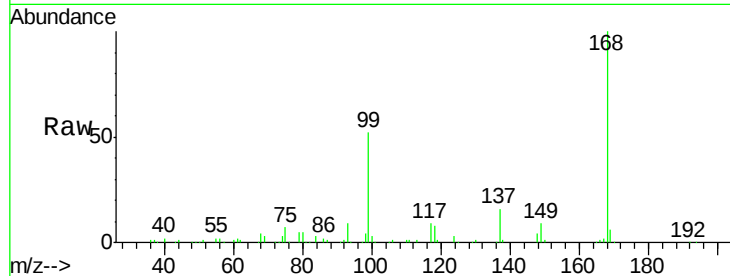
200053

Tot Ion:168 Resp: 615771

Ion Ratio Lower Upper

168 100

99 52.5 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

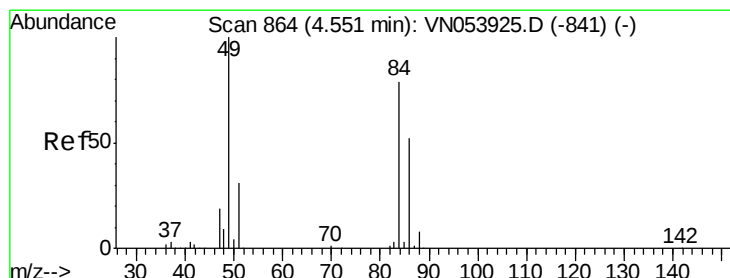
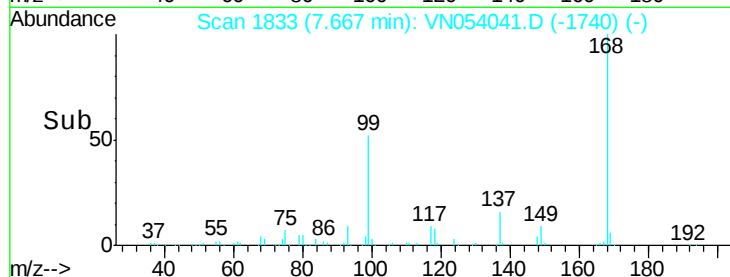
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 3.910 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054041.D

Acq: 1 Mar 2019 20:35

Tgt Ion: 84 Resp: 27931

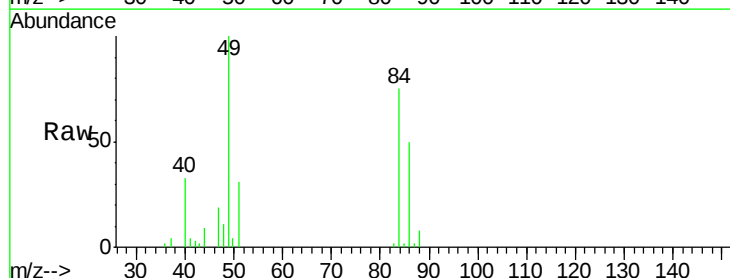
Ion Ratio Lower Upper

84 100

49 132.6 89.7 134.5

51 41.0 27.8 41.8

86 66.6 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VNO

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

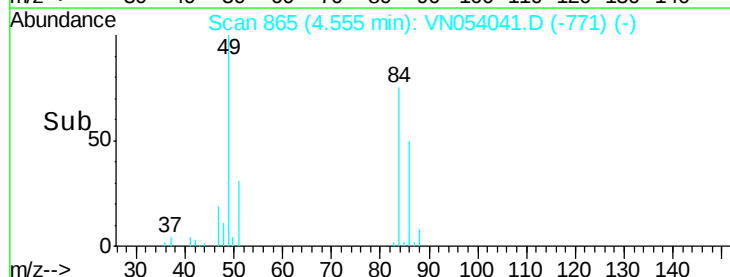
15000

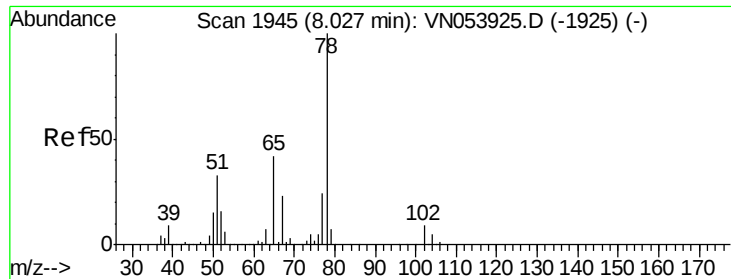
10000

5000

0

Time--> 4.45 4.50 4.55 4.60 4.65





#33

1,2-Dichloroethane-d4

Concen: 55.895 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054041.D

Acq: 1 Mar 2019 20:35

Instrument :

MSVOA_N

ClientSampleId :

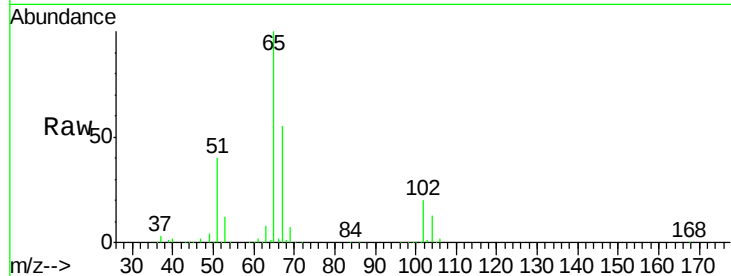
200053

Tot Ion: 65 Resp: 403464

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN054041.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054041.D (-1852) (-)

8.03

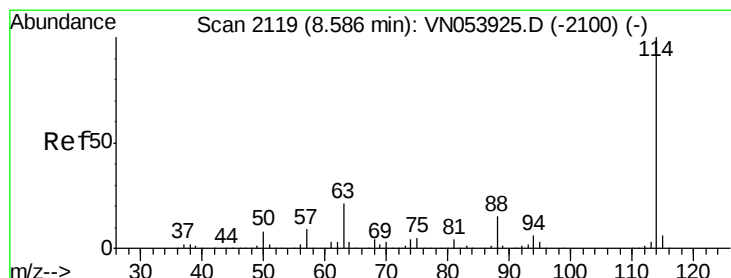
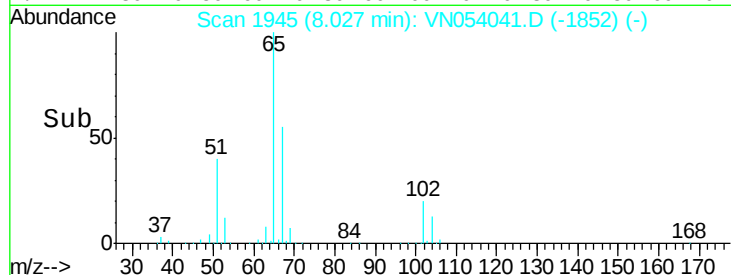
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054041.D

Acq: 1 Mar 2019 20:35

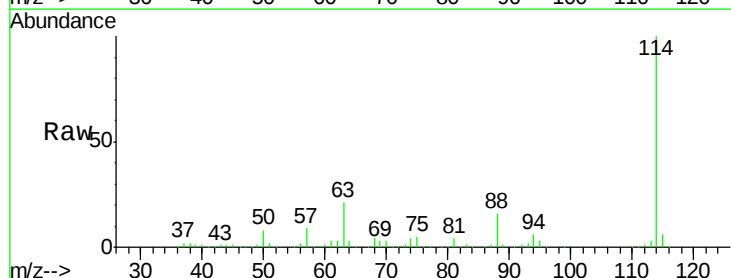
Tgt Ion: 114 Resp: 1137229

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN054041.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN054041.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054041.D (-2026) (-)

8.59

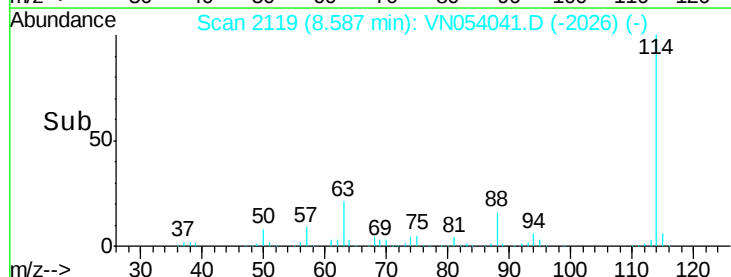
600000

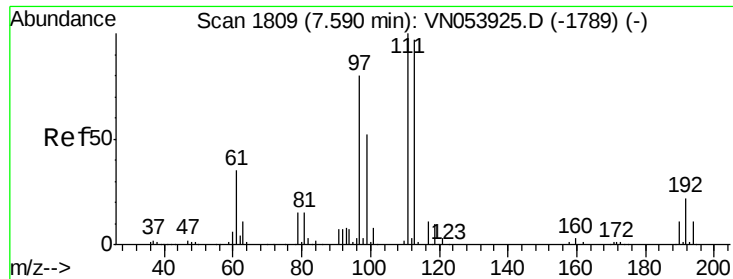
400000

200000

0

Time-->

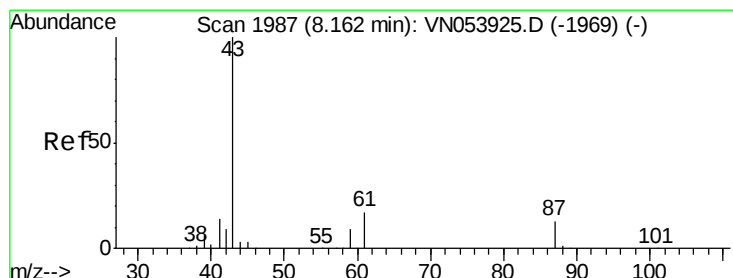
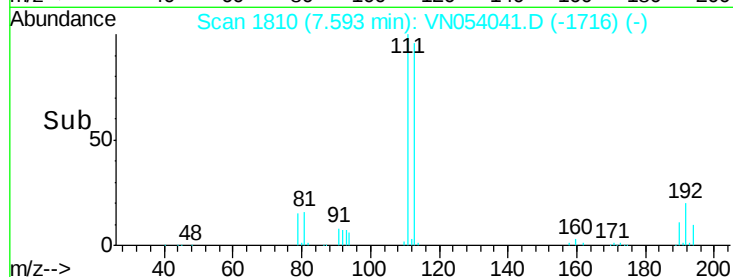
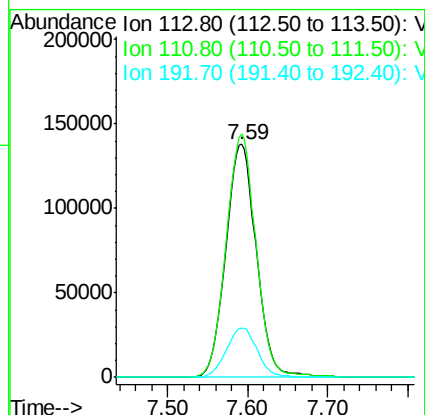
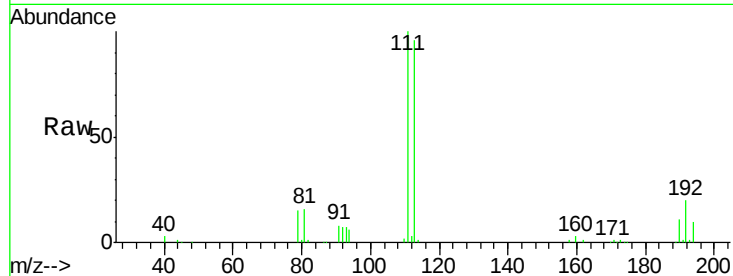




#35
 Dibromofluoromethane
 Concen: 48.898 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054041.D
 Acq: 1 Mar 2019 20:35

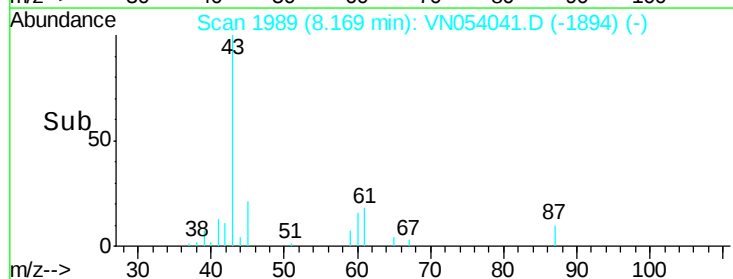
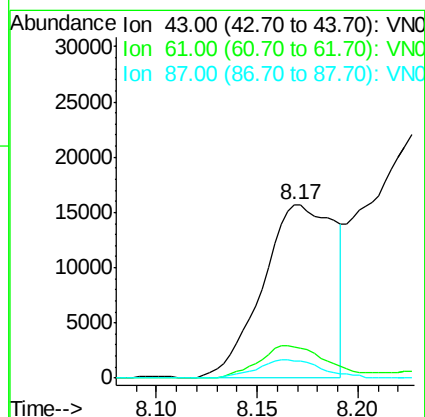
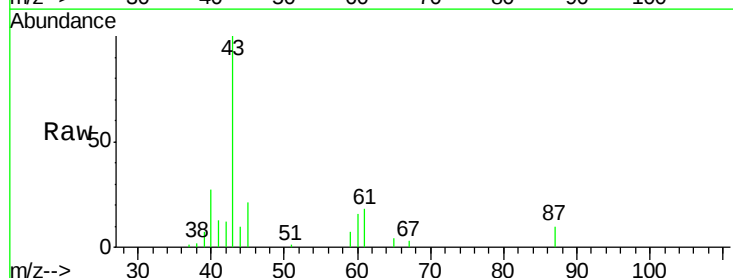
Instrument :
 MSVOA_N
 ClientSampleId :
 200053

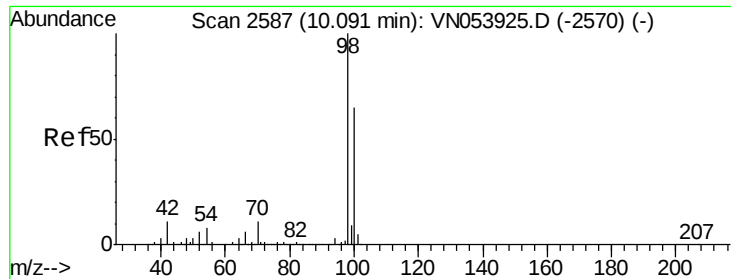
Tot Ion:113 Resp: 359595
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.1 121.7
 192 21.5 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 3.055 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN054041.D
 Acq: 1 Mar 2019 20:35

Tgt Ion: 43 Resp: 38952
 Ion Ratio Lower Upper
 43 100
 61 17.5 17.4 26.0
 87 9.4 11.5 17.3#





#50

Toluene-d8

Concen: 52.530 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054041.D

Acq: 1 Mar 2019 20:35

Instrument :

MSVOA_N

ClientSampled :

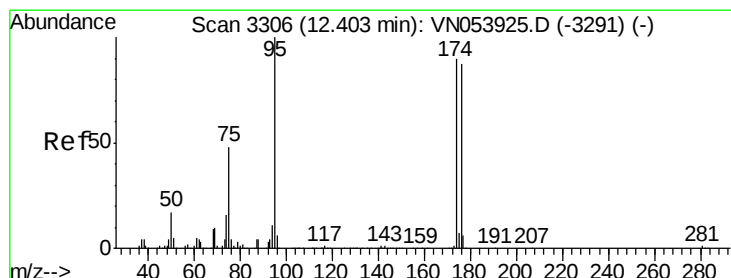
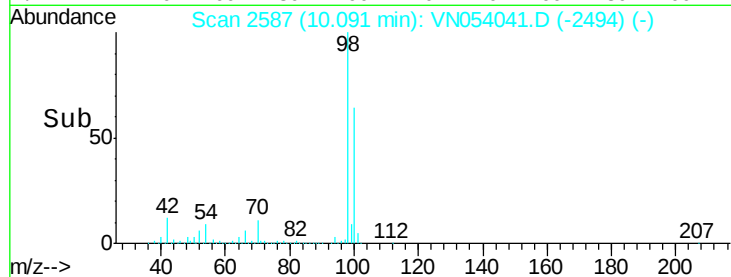
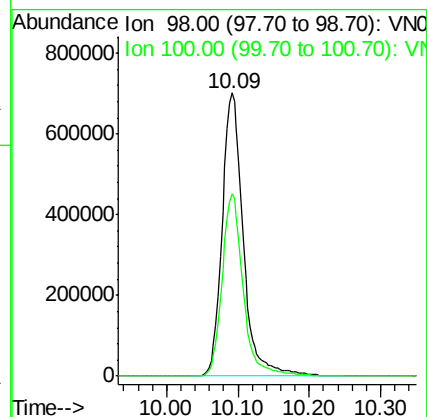
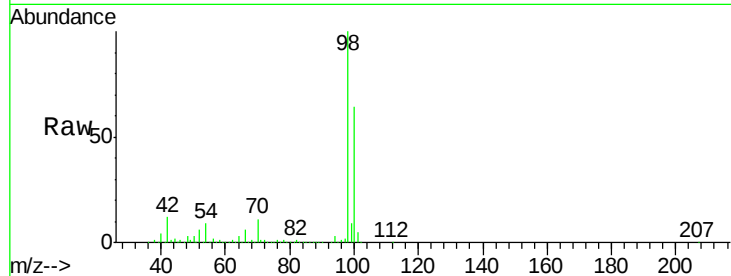
200053

Tot Ion: 98 Resp: 1438039

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.315 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054041.D

Acq: 1 Mar 2019 20:35

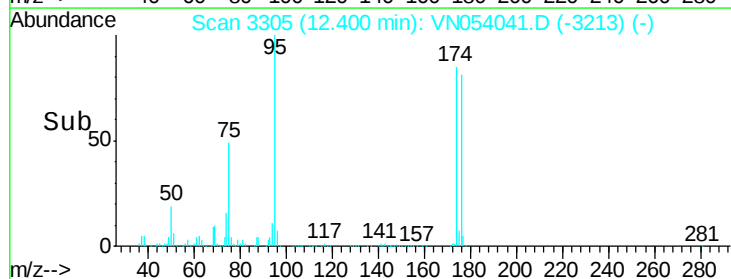
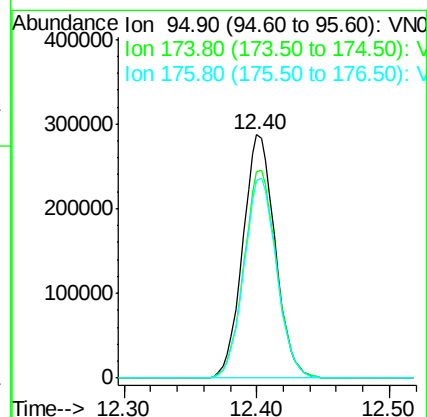
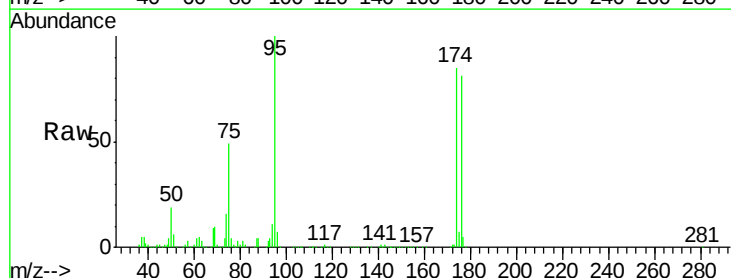
Tgt Ion: 95 Resp: 486276

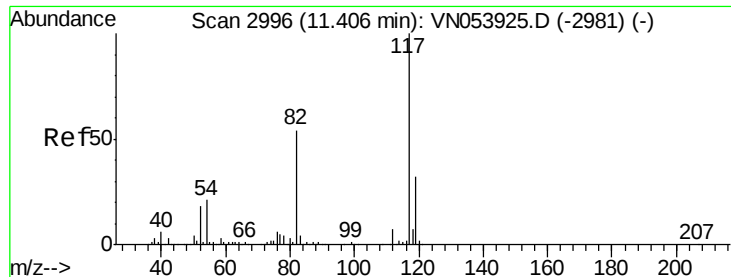
Ion Ratio Lower Upper

95 100

174 86.3 0.0 188.8

176 83.0 0.0 182.6

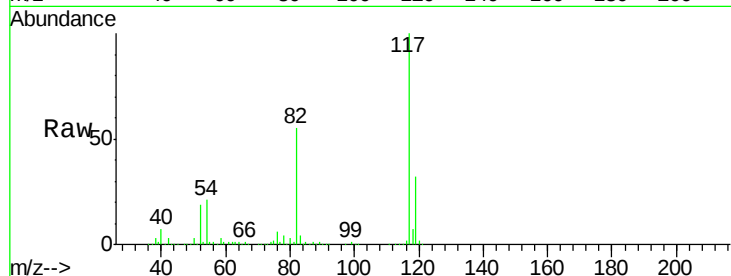




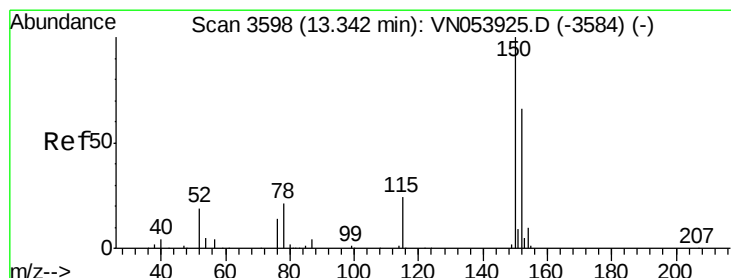
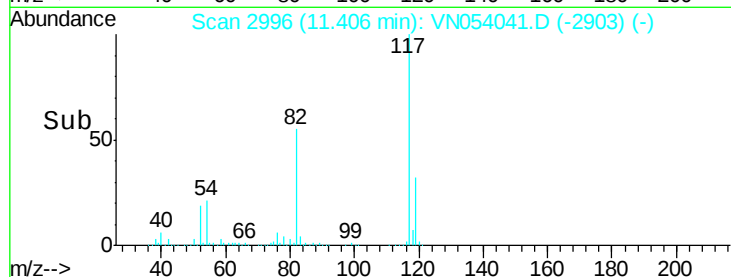
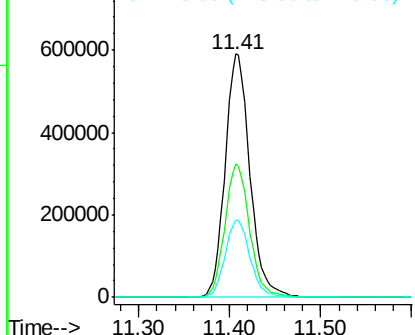
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054041.D
Acq: 1 Mar 2019 20:35

Instrument :
MSVOA_N
ClientSampleId :
200053

Tot Ion:117 Resp: 1112965
Ion Ratio Lower Upper
117 100
82 54.7 41.4 62.2
119 31.6 25.3 37.9

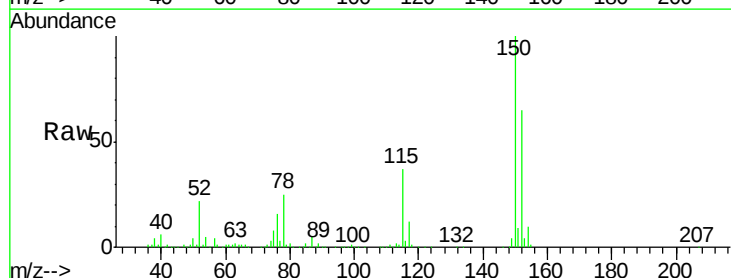


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

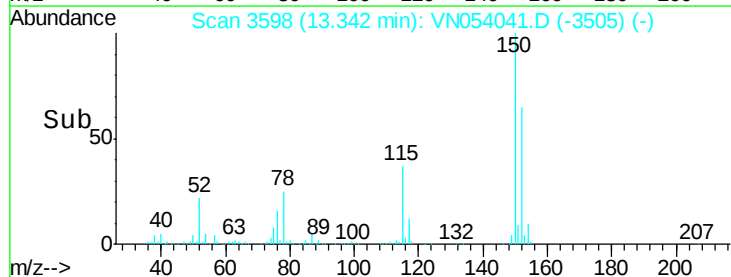
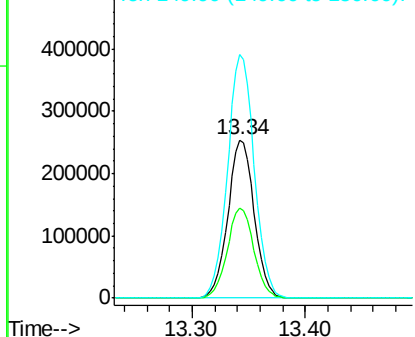


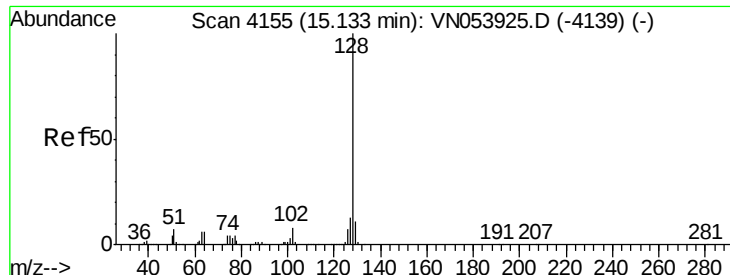
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054041.D
Acq: 1 Mar 2019 20:35

Tgt Ion:152 Resp: 409152
Ion Ratio Lower Upper
152 100
115 57.9 27.2 81.6
150 156.4 0.0 348.2



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: 4.180 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN054041.D

Acq: 1 Mar 2019 20:35

Instrument :

MSVOA_N

ClientSampleId :

200053

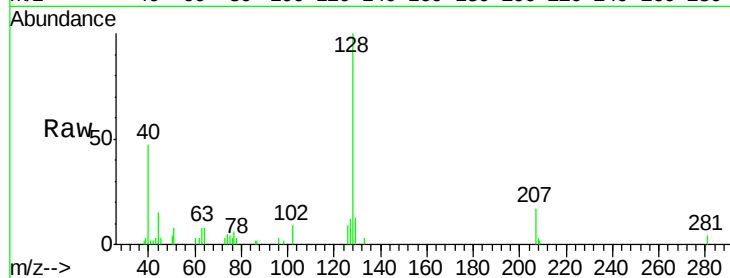
Tot Ion:128 Resp: 16755

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 11.8 8.6 12.8



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

