

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053690.D
 Acq On : 8 Feb 2019 19:05
 Operator : JC/SP
 Sample : K1437-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN001

Quant Time: Feb 09 03:36:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

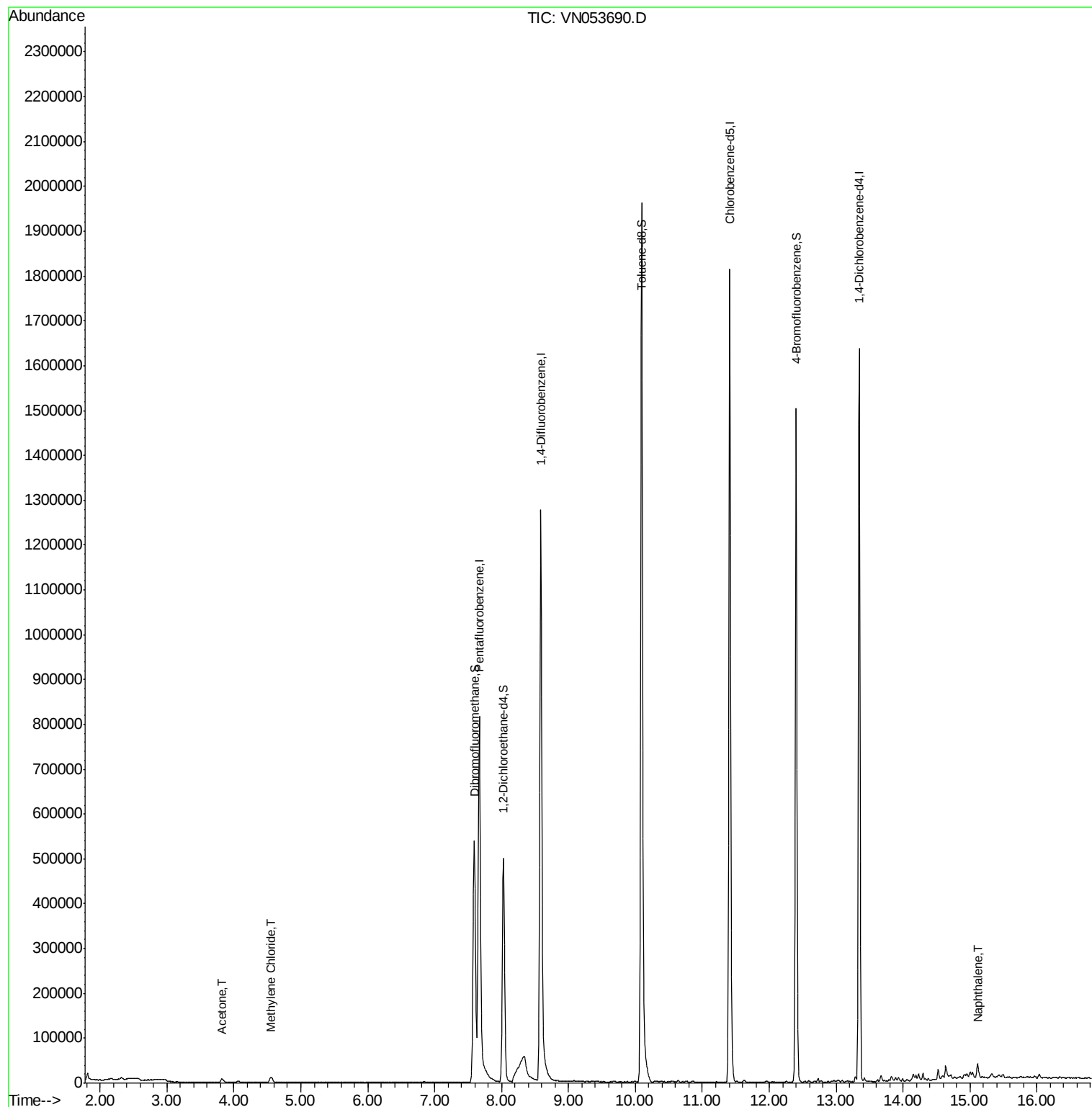
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	840618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1349178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1209984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	479616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	428035	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
35) Dibromofluoromethane	7.59	113	421376	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	10.09	98	1625904	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.40	95	528219	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
Target Compounds						
16) Acetone	3.82	43	15471	7.152	ug/l	Qvalue 100
20) Methylene Chloride	4.56	84	9524	1.049	ug/l	93
95) Naphthalene	15.13	128	7011	2.058	ug/l	95

(#) = 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: VN053690.D

Acq: 8 Feb 2019 19:05

Instrument :

MSVOA_N

ClientSampleId :

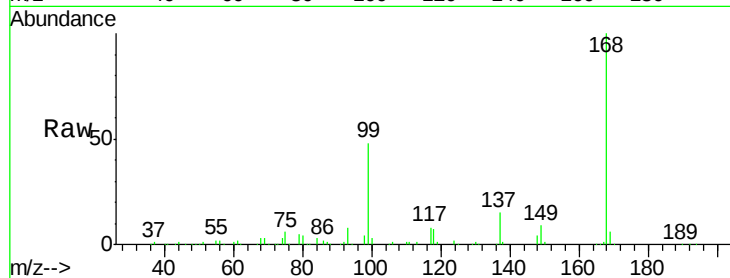
DSN001

Tot Ion:168 Resp: 840618

Ion Ratio Lower Upper

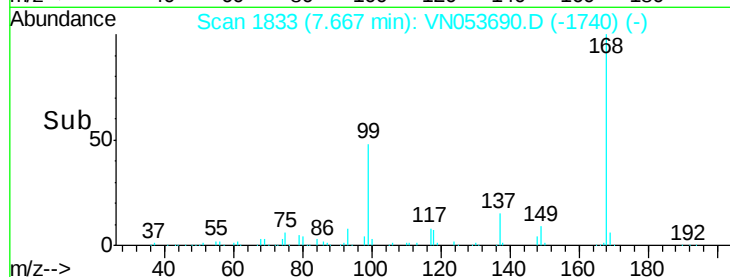
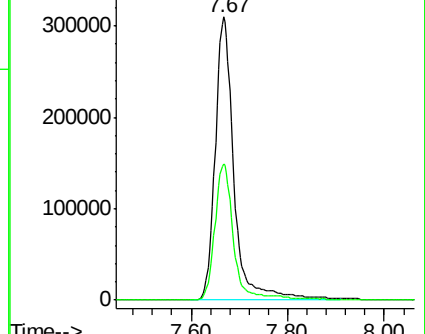
168 100

99 48.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 7.152 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053690.D

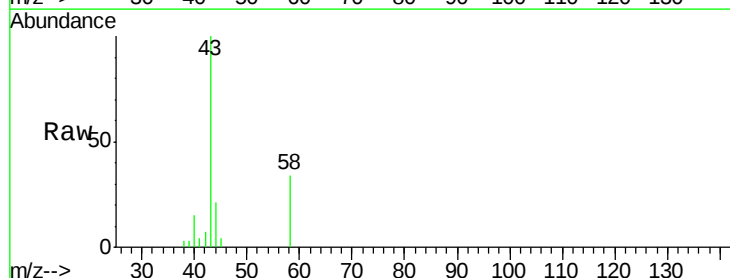
Acq: 8 Feb 2019 19:05

Tgt Ion: 43 Resp: 15471

Ion Ratio Lower Upper

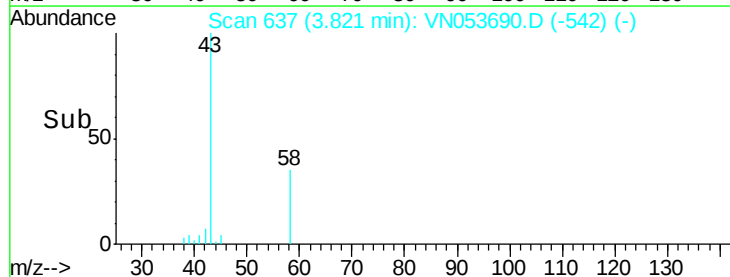
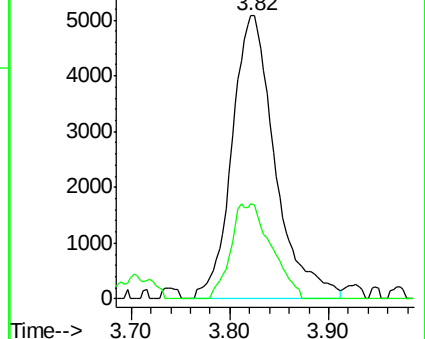
43 100

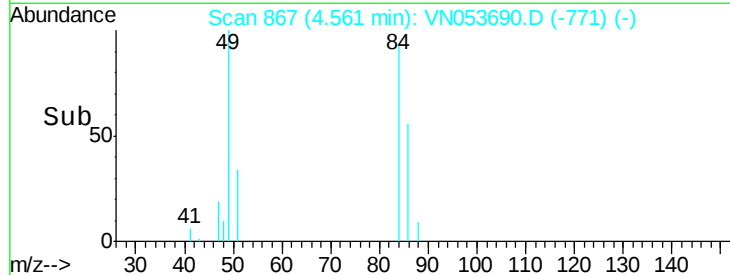
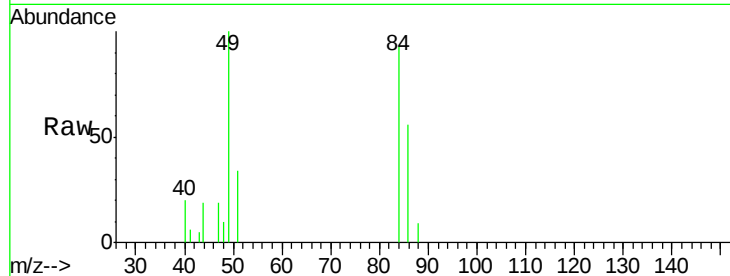
58 33.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

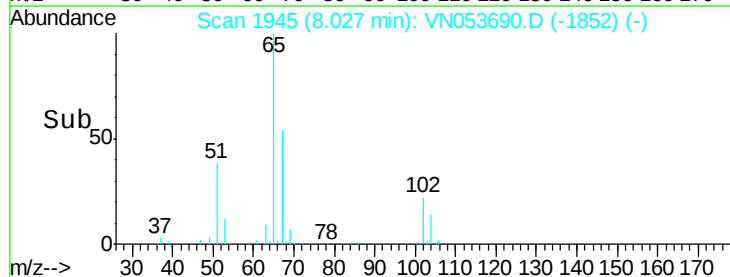
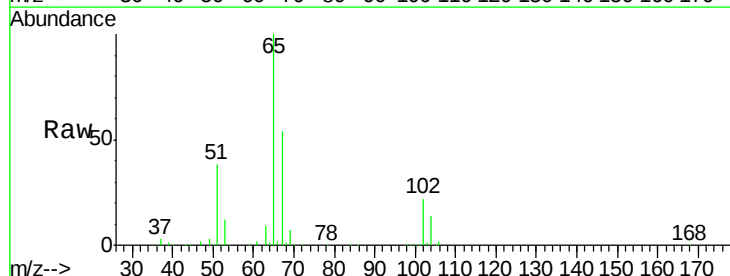
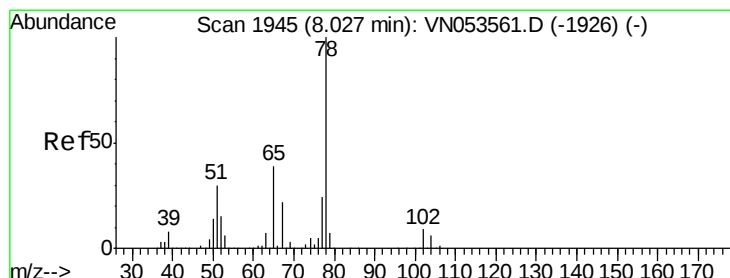
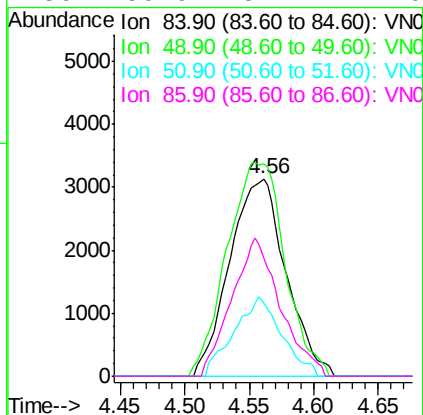




#20
Methvlene Chloride
Concen: 1.049 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN053690.D
Acq: 8 Feb 2019 19:05

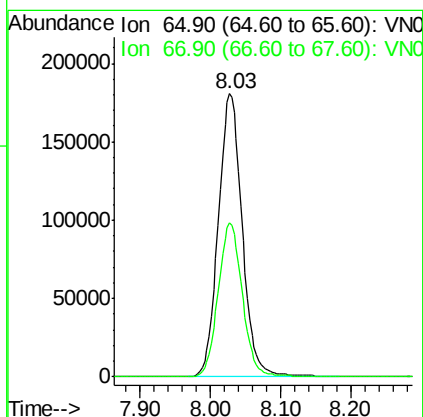
Instrument :
MSVOA_N
ClientSampled :
DSN001

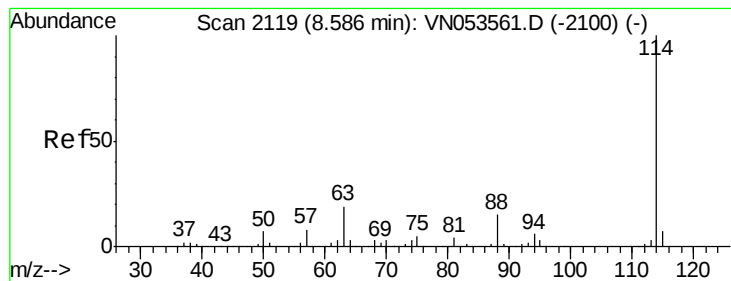
Tot Ion: 84 Resp: 9524
Ion Ratio Lower Upper
84 100
49 107.3 94.3 141.5
51 36.7 29.4 44.2
86 59.9 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 50.757 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053690.D
Acq: 8 Feb 2019 19:05

Tgt Ion: 65 Resp: 428035
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053690.D

Acq: 8 Feb 2019 19:05

Instrument :

MSVOA_N

ClientSampleId :

DSN001

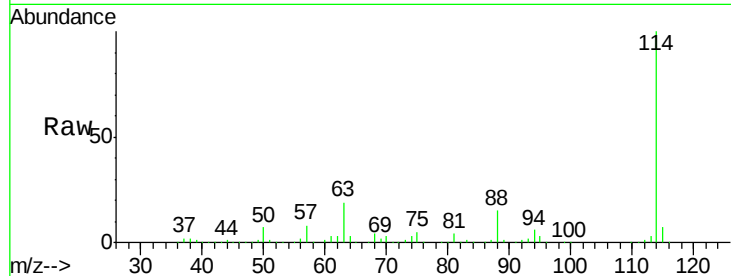
Tot Ion:114 Resp: 1349178

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

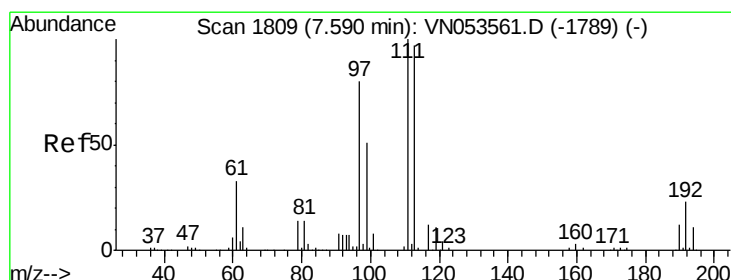
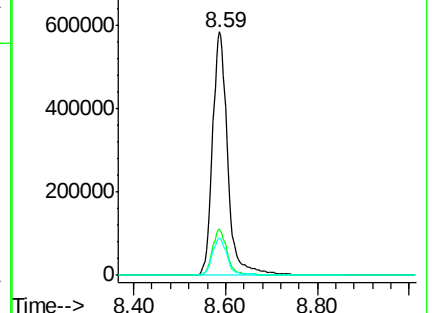
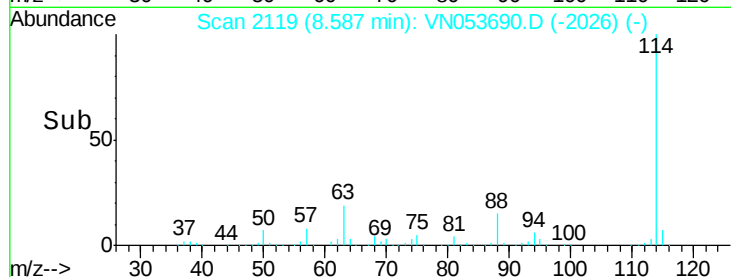
88 15.3 0.0 30.4



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: 49.428 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053690.D

Acq: 8 Feb 2019 19:05

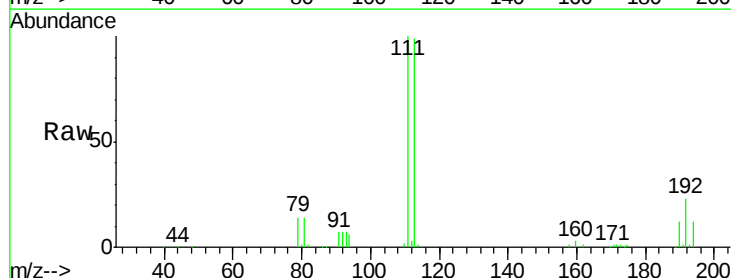
Tgt Ion:113 Resp: 421376

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

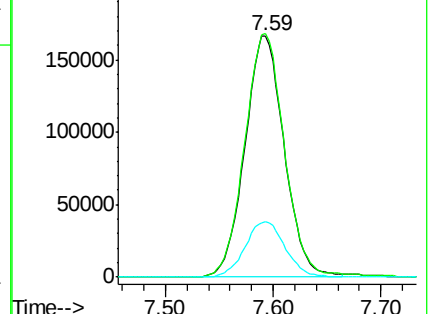
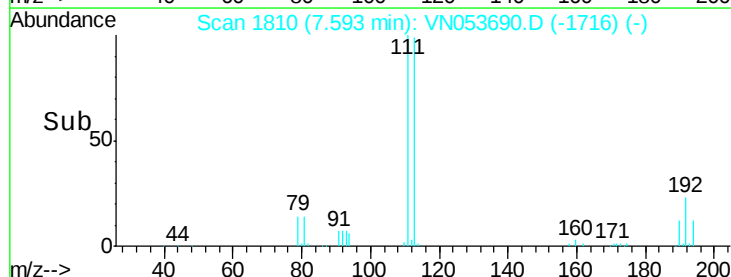
192 23.5 18.2 27.2

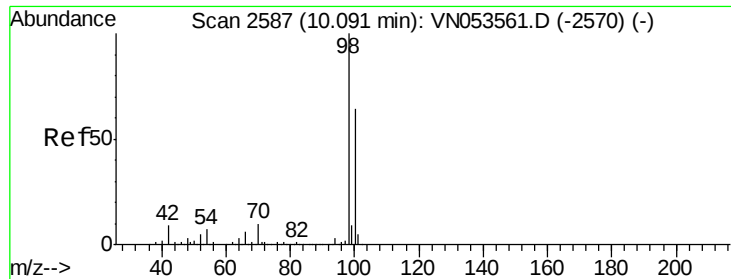


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.794 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053690.D

Acq: 8 Feb 2019 19:05

Instrument :

MSVOA_N

ClientSampleId :

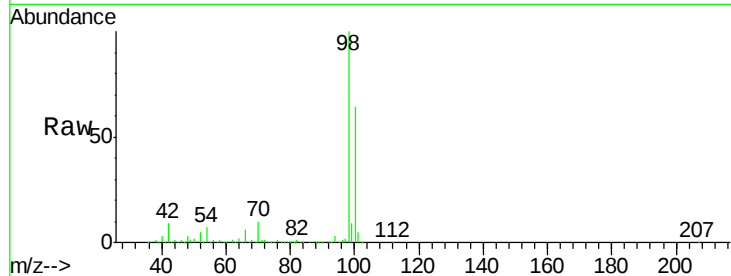
DSN001

Tot Ion: 98 Resp: 1625904

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053690.D (-2494) (-)

10.09

800000

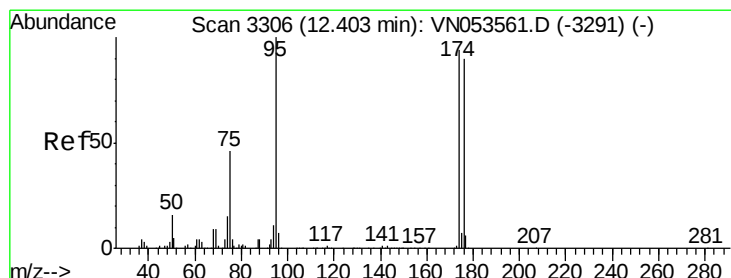
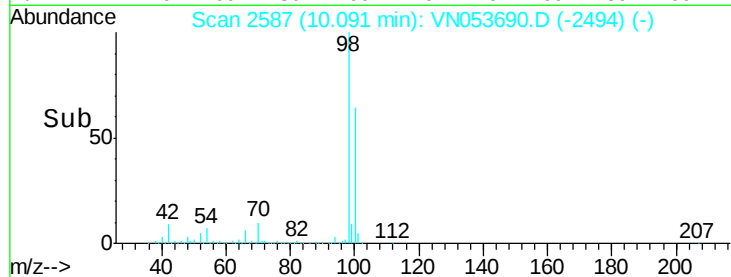
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.478 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053690.D

Acq: 8 Feb 2019 19:05

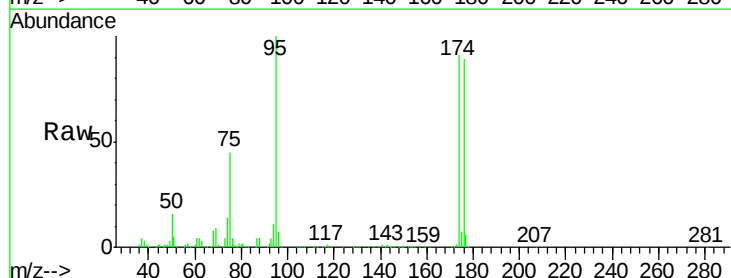
Tgt Ion: 95 Resp: 528219

Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.2

176 90.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053690.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053690.D (-3213) (-)

12.40

400000

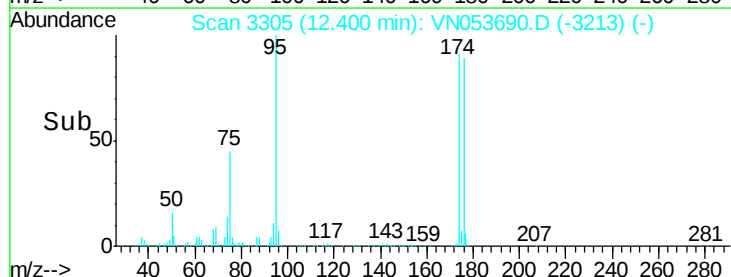
300000

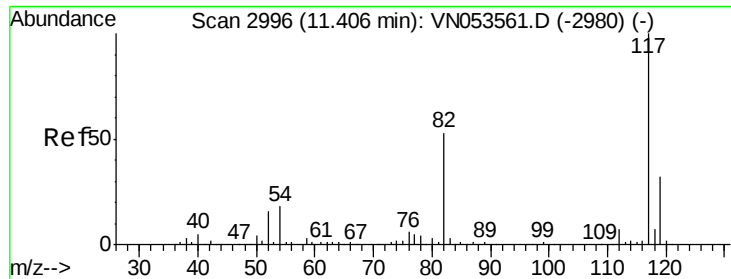
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053690.D

Acq: 8 Feb 2019 19:05

Instrument :

MSVOA_N

ClientSampled :

DSN001

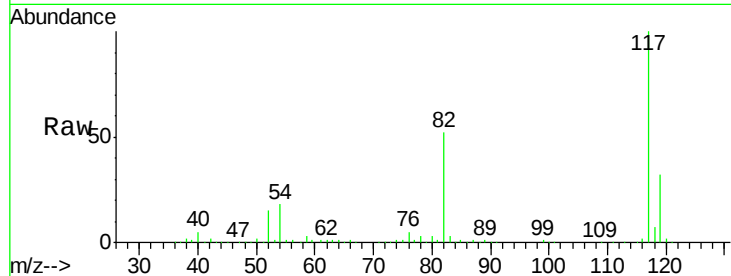
Tot Ion:117 Resp: 1209984

Ion Ratio Lower Upper

117 100

82 52.0 42.9 64.3

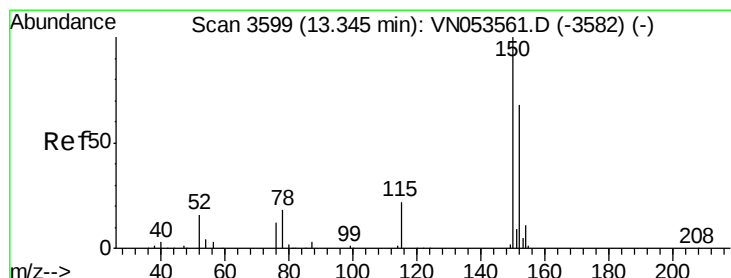
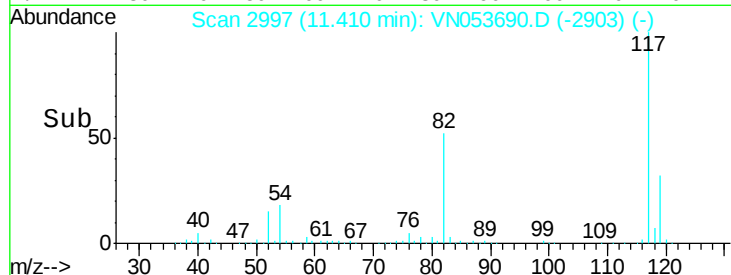
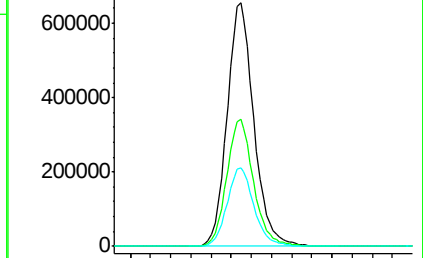
119 32.3 26.0 39.0



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053690.D

Acq: 8 Feb 2019 19:05

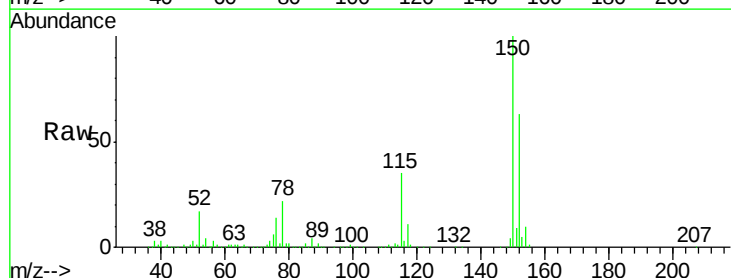
Tgt Ion:152 Resp: 479616

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.4

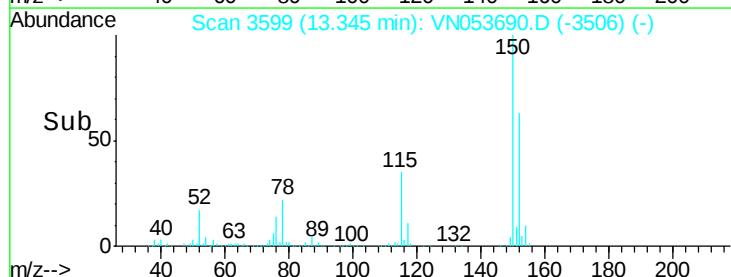
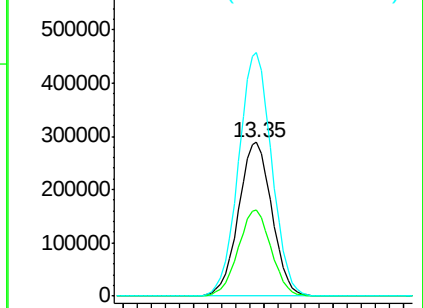
150 157.0 0.0 349.0

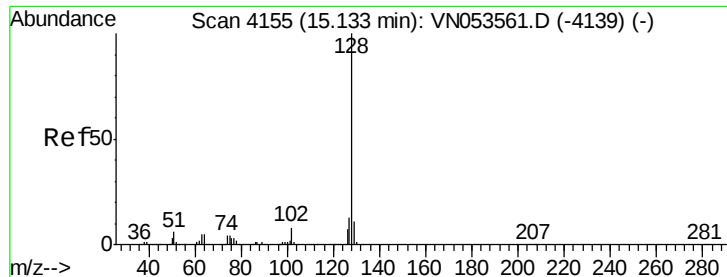


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

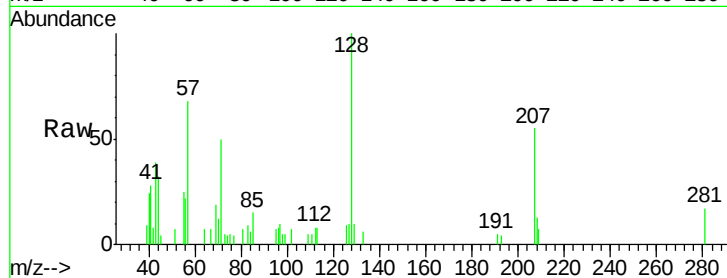




#95
Naphthalene
Concen: 2.058 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN053690.D
Acq: 8 Feb 2019 19:05

Instrument :
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ClientSampleId :
DSN001

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.3	15.5
129	9.2	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

