

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054670.D
 Acq On : 25 Mar 2019 14:07
 Operator : JC/SP
 Sample : K2050-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-4

Quant Time: Mar 26 02:38:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

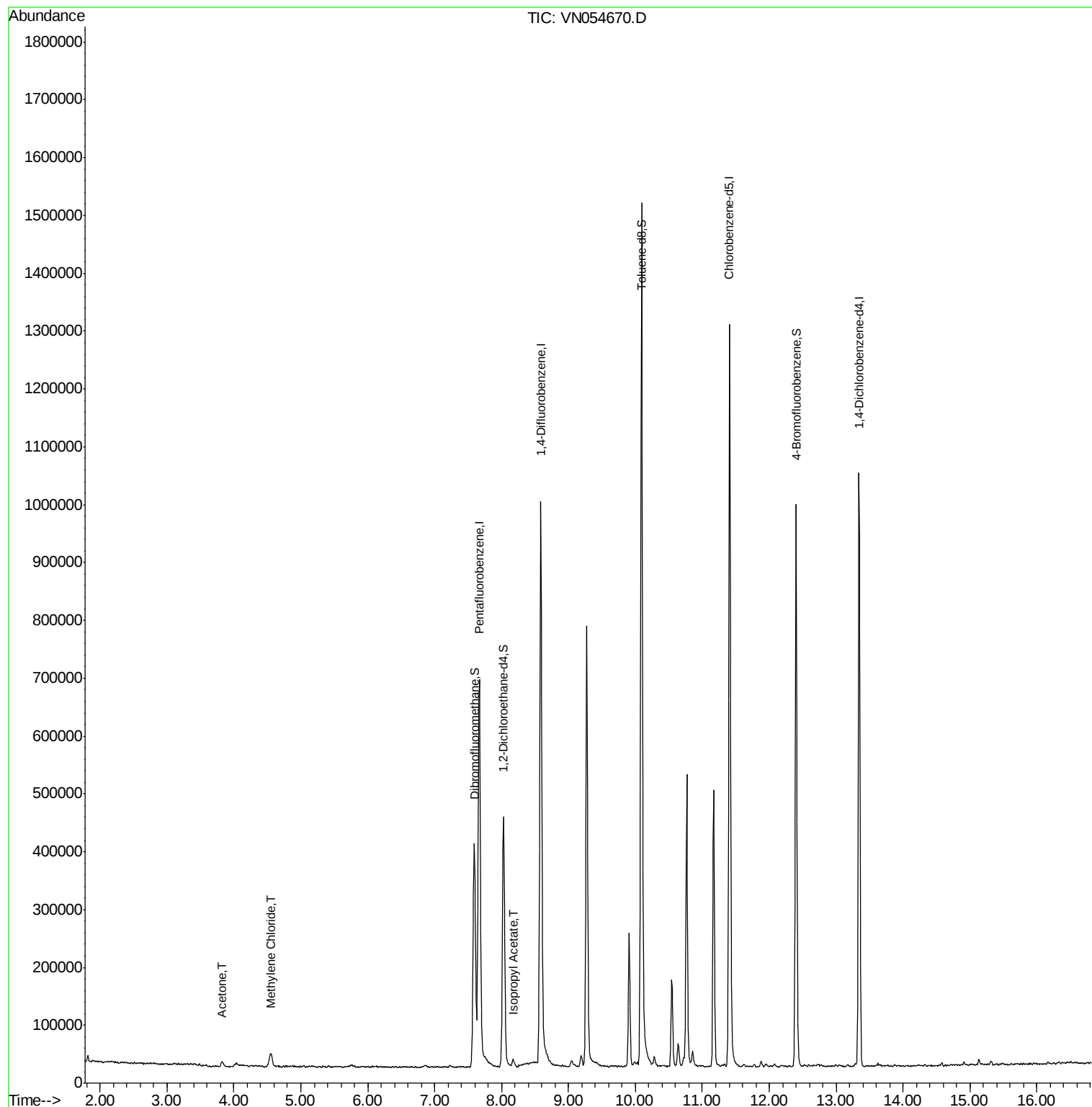
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	570848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	886868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	766002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	276667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	376537	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
35) Dibromofluoromethane	7.59	113	294299	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
50) Toluene-d8	10.09	98	1110861	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.40	95	328357	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
Target Compounds						
16) Acetone	3.83	43	13036	6.107	ug/l	90
20) Methylene Chloride	4.55	84	15459	2.457	ug/l #	79
43) Isopropyl Acetate	8.17	43	14175	1.423	ug/l	95

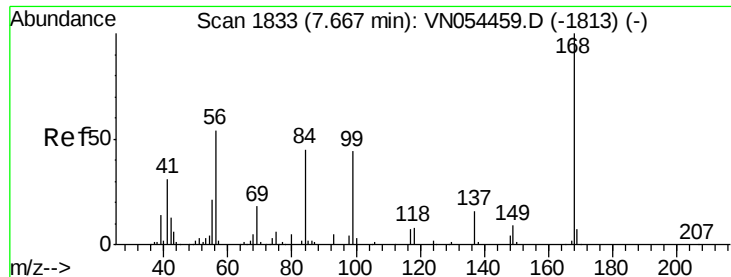
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032519\
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QLast Update : Fri Mar 22 02:09:07 2019
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: VN054670.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

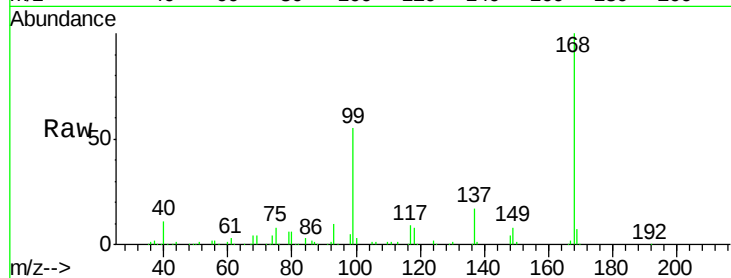
CS-4

Tot Ion:168 Resp: 570848

Ion Ratio Lower Upper

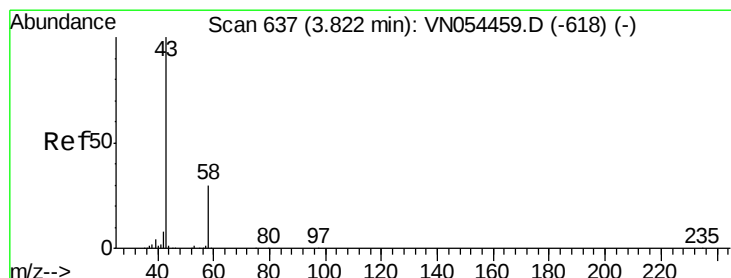
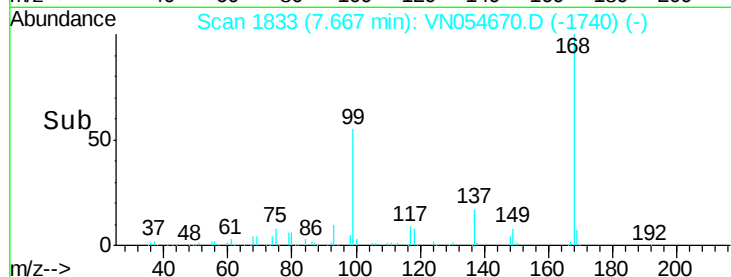
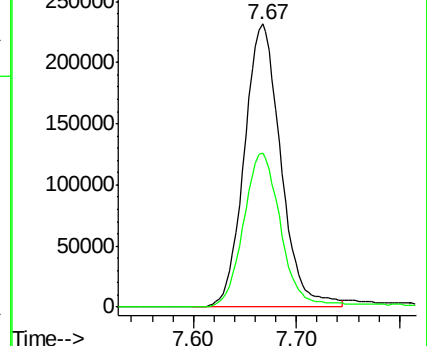
168 100

99 54.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.107 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054670.D

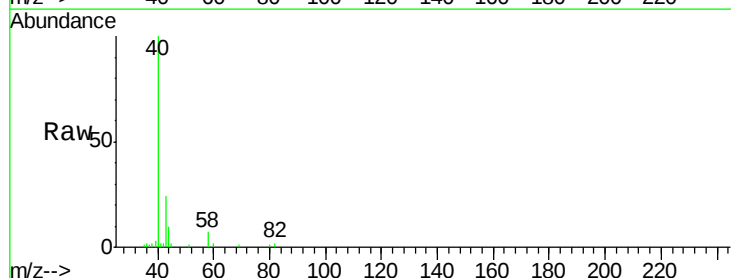
Acq: 25 Mar 2019 14:07

Tgt Ion: 43 Resp: 13036

Ion Ratio Lower Upper

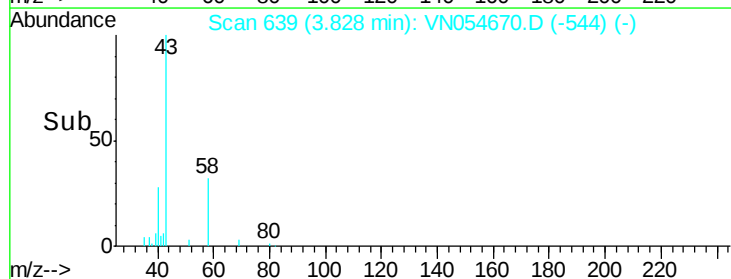
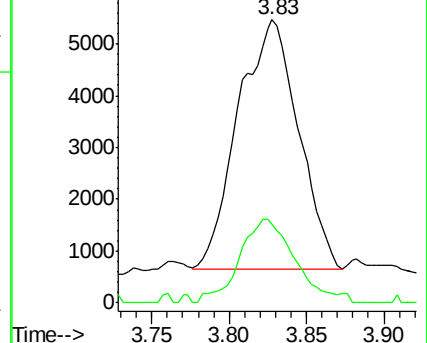
43 100

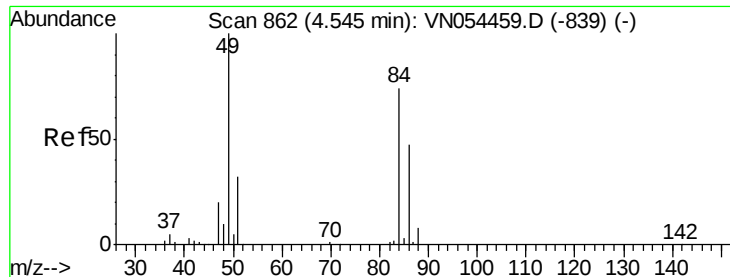
58 31.5 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

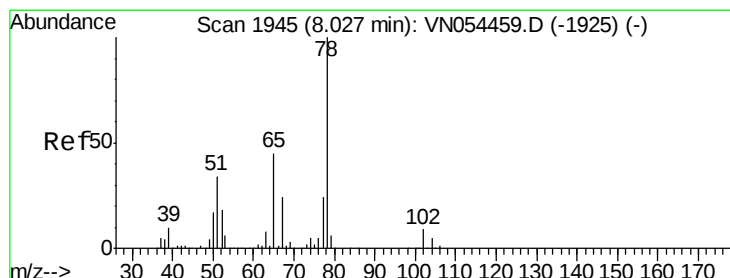
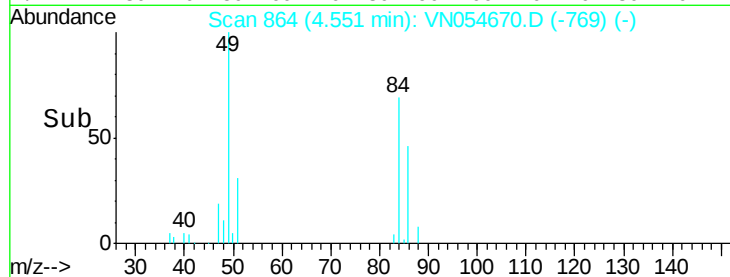
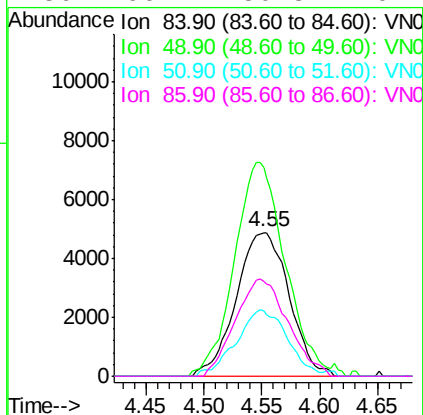
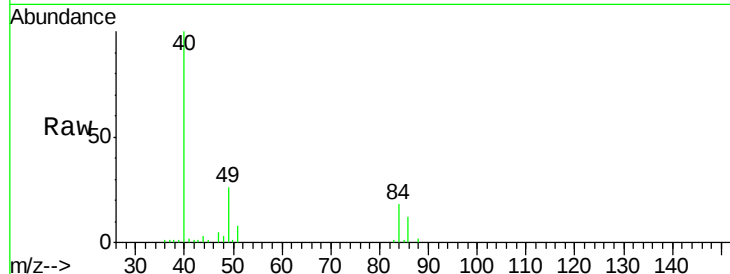




#20
Methvlene Chloride
Concen: 2.457 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054670.D
Acq: 25 Mar 2019 14:07

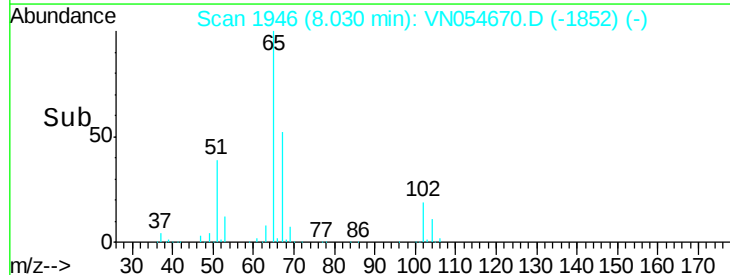
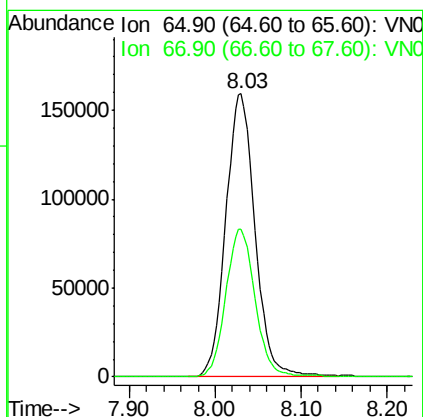
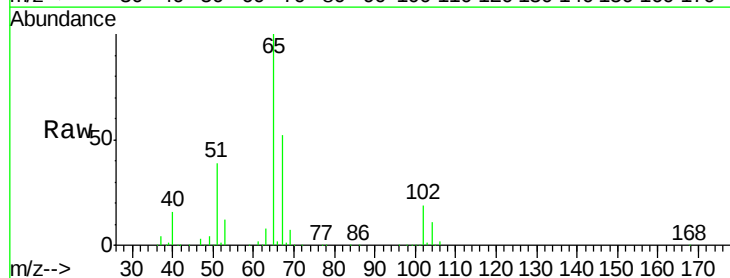
Instrument :
MSVOA_N
ClientSampled :
CS-4

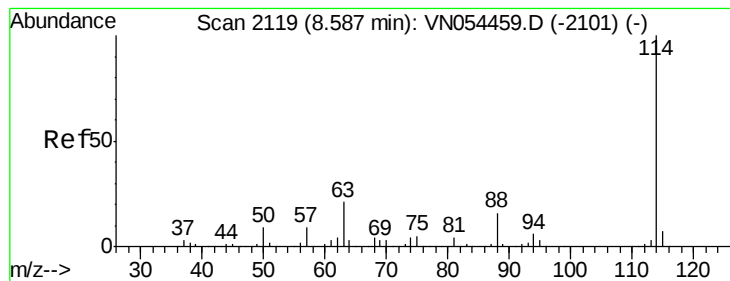
Tot Ion: 84 Resp: 15459
Ion Ratio Lower Upper
84 100
49 145.2 89.7 134.5#
51 45.5 28.2 42.4#
86 66.4 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 53.030 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054670.D
Acq: 25 Mar 2019 14:07

Tgt Ion: 65 Resp: 376537
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

CS-4

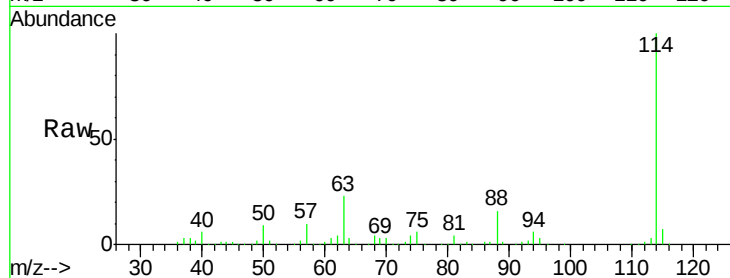
Tot Ion:114 Resp: 886868

Ion Ratio Lower Upper

114 100

63 22.6 0.0 35.2

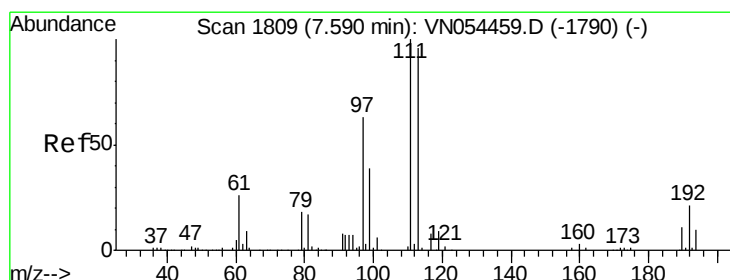
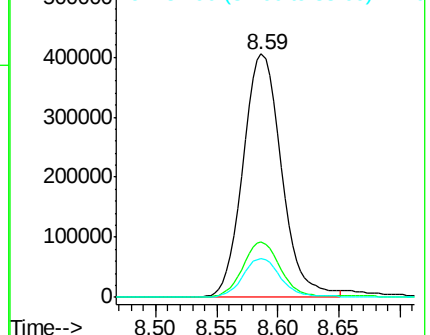
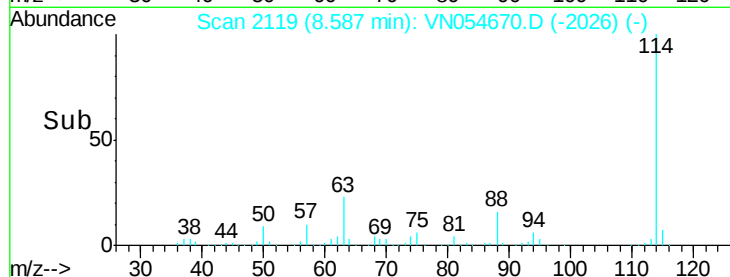
88 15.8 0.0 30.2



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: 51.508 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

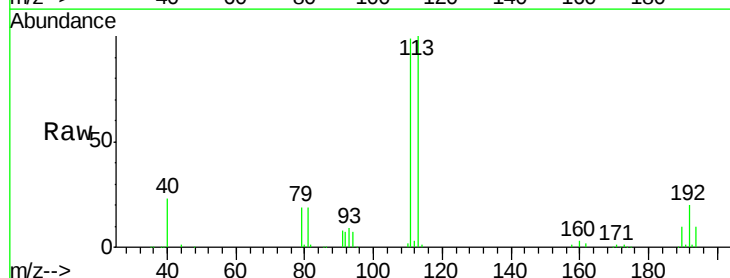
Tgt Ion:113 Resp: 294299

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

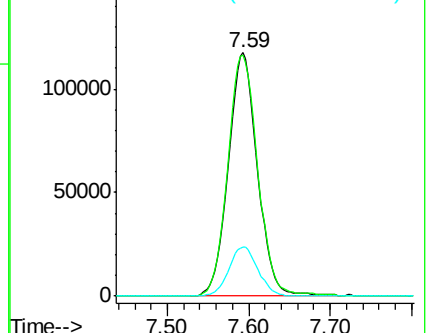
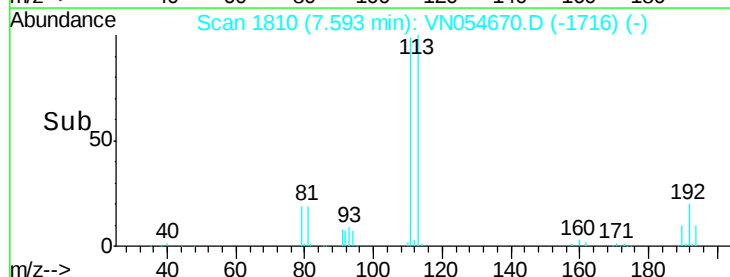
192 20.4 19.2 28.8

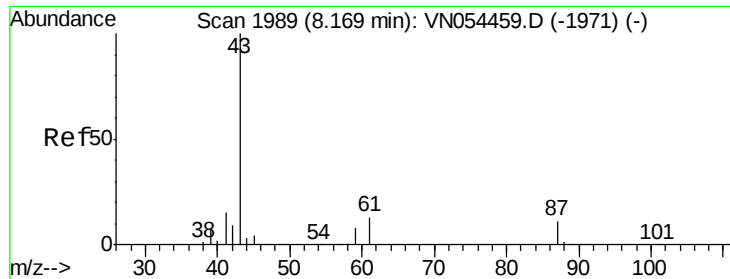


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.423 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

CS-4

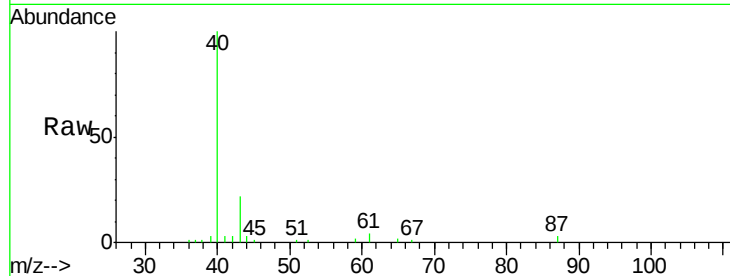
Tot Ion: 43 Resp: 14175

Ion Ratio Lower Upper

43 100

61 18.5 15.8 23.8

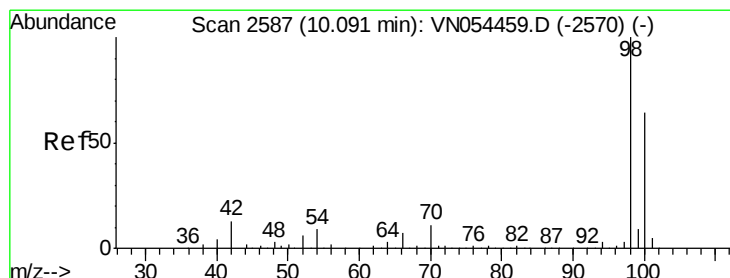
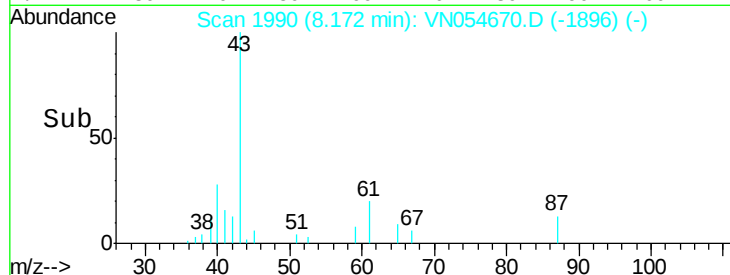
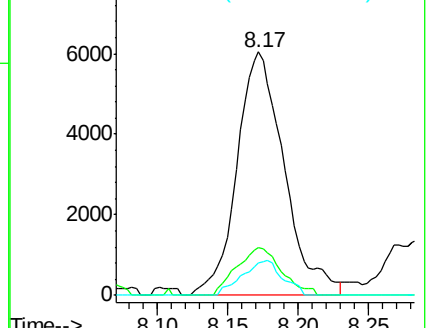
87 12.1 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.717 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054670.D

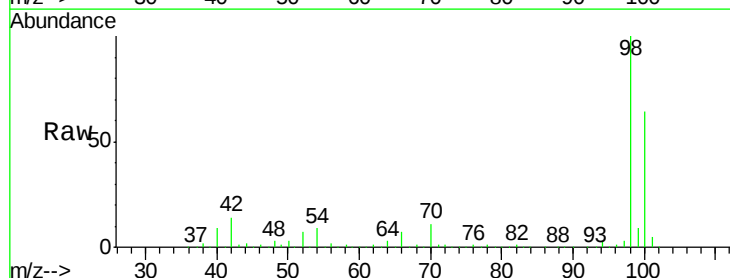
Acq: 25 Mar 2019 14:07

Tgt Ion: 98 Resp: 1110861

Ion Ratio Lower Upper

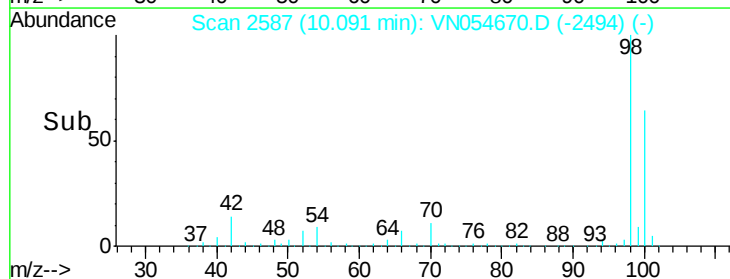
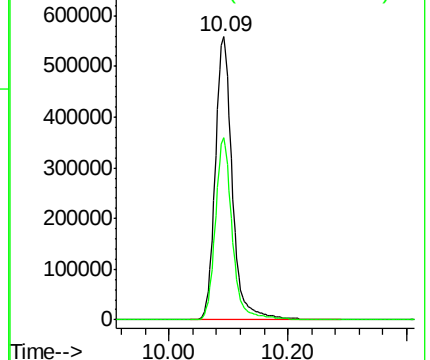
98 100

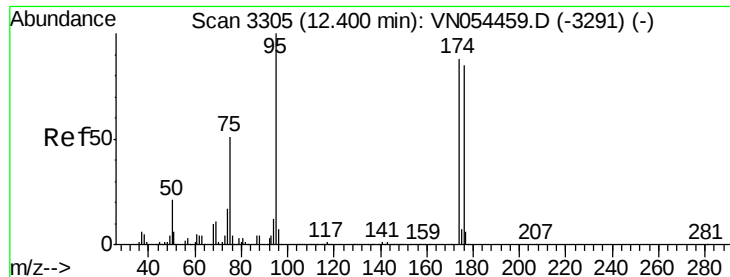
100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.924 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

CS-4

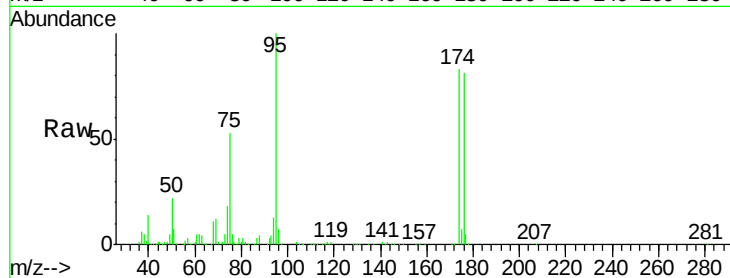
Tot Ion: 95 Resp: 328357

Ion Ratio Lower Upper

95 100

174 85.4 0.0 191.0

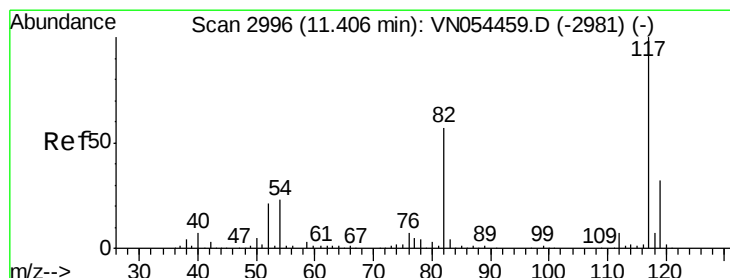
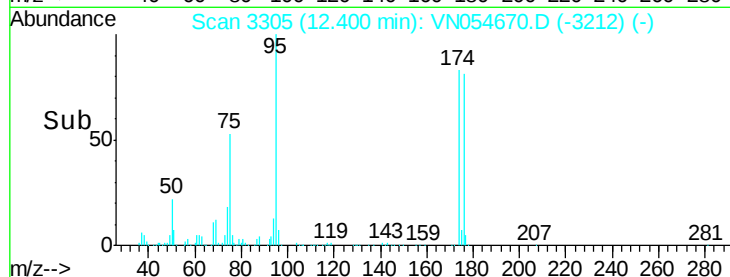
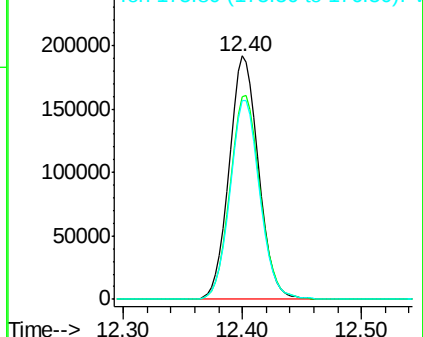
176 82.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054670.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054670.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054670.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

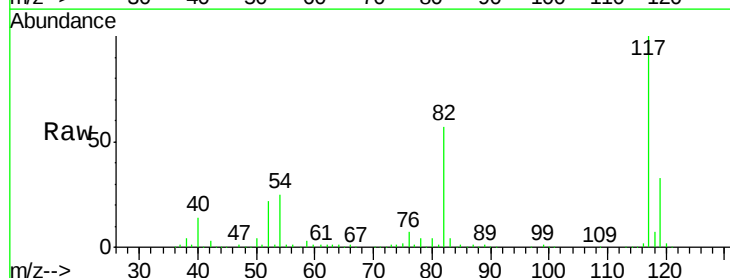
Tgt Ion: 117 Resp: 766002

Ion Ratio Lower Upper

117 100

82 56.6 40.0 60.0

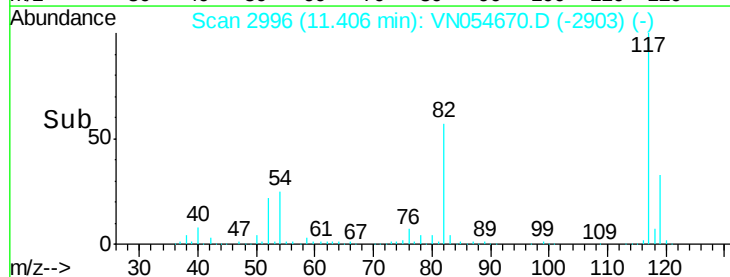
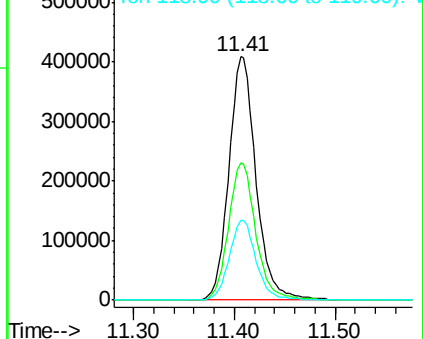
119 32.6 25.8 38.6

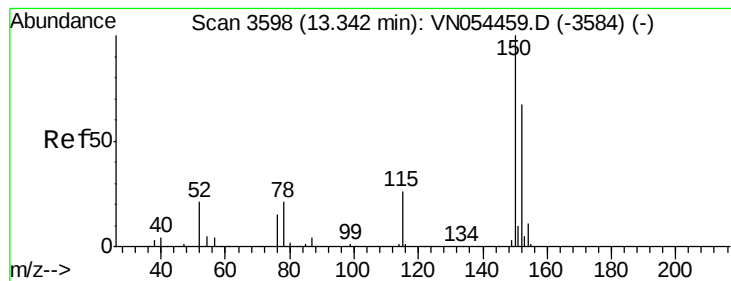


Abundance Ion 116.90 (116.60 to 117.60): VN054670.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054670.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054670.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: VN054670.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

CS-4

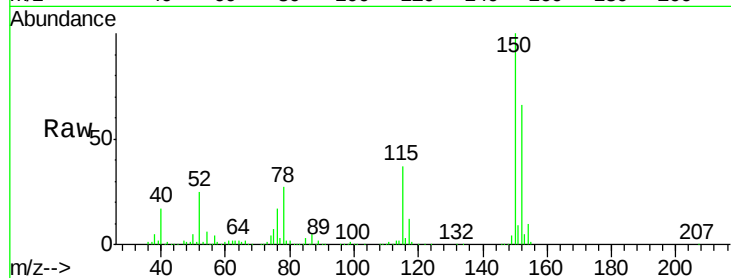
Tot Ion:152 Resp: 276667

Ion Ratio Lower Upper

152 100

115 56.8 27.2 81.6

150 154.8 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

300000

200000

100000

0

13.30

13.34

13.40

Time-->

