

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054671.D
 Acq On : 25 Mar 2019 14:33
 Operator : JC/SP
 Sample : K2050-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-3

Quant Time: Mar 26 03:09:15 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

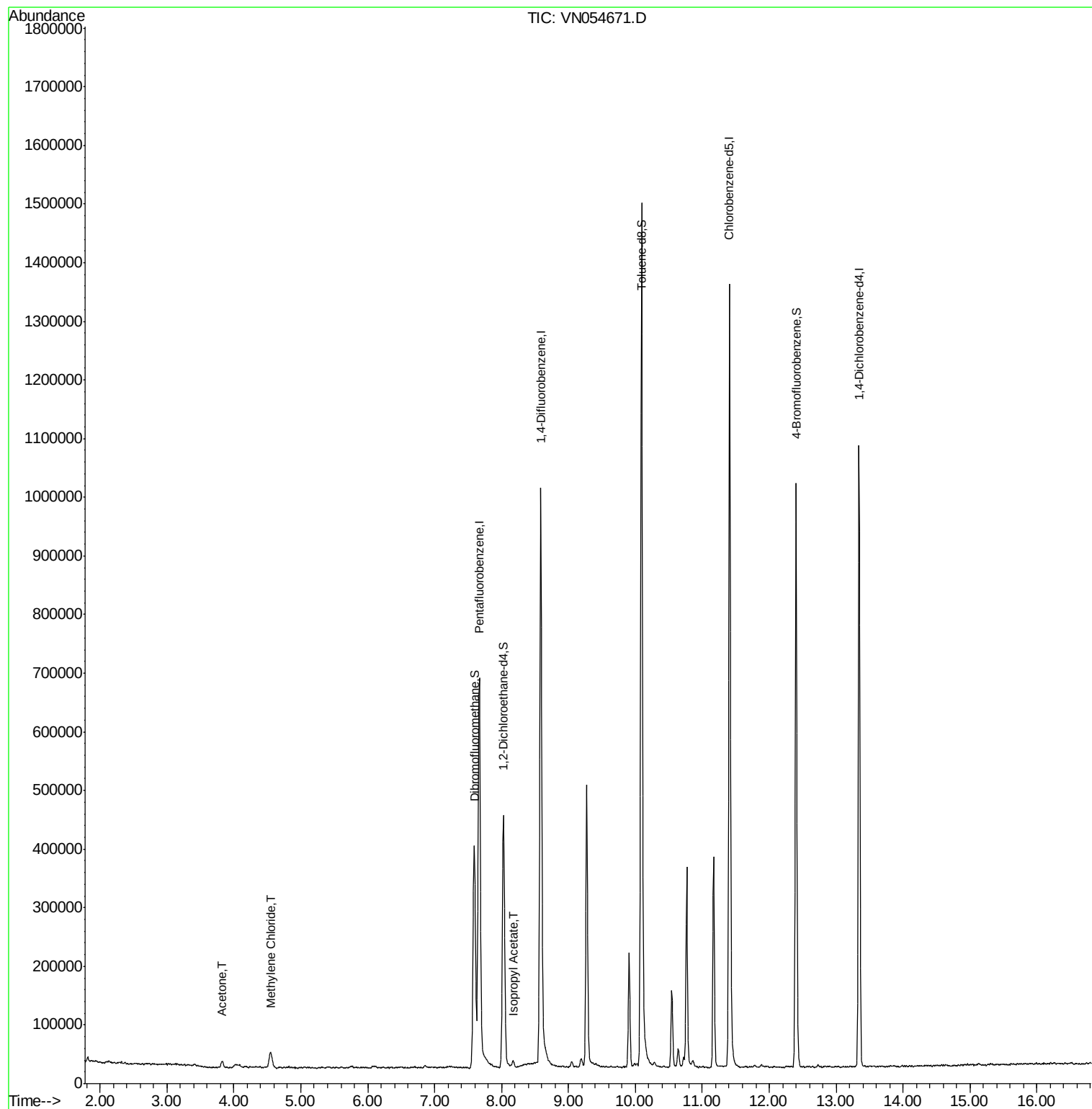
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	565934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	921582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	772538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	279698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	378784	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
35) Dibromofluoromethane	7.59	113	293845	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	10.09	98	1105283	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.40	95	340321	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
Target Compounds						
16) Acetone	3.82	43	18728	8.849	ug/l #	81
20) Methylene Chloride	4.55	84	18806	3.014	ug/l #	81
43) Isopropyl Acetate	8.18	43	12314	1.190	ug/l #	93

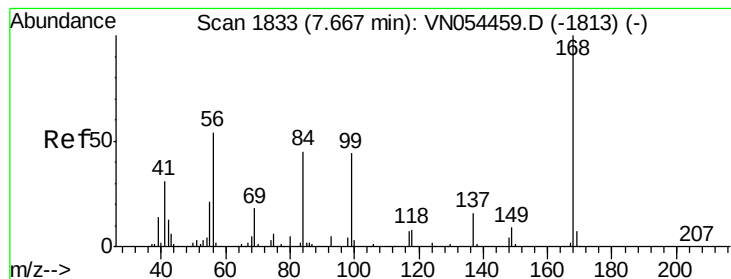
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032519\
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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: VN054671.D

Acq: 25 Mar 2019 14:33

Instrument :

MSVOA_N

ClientSampled :

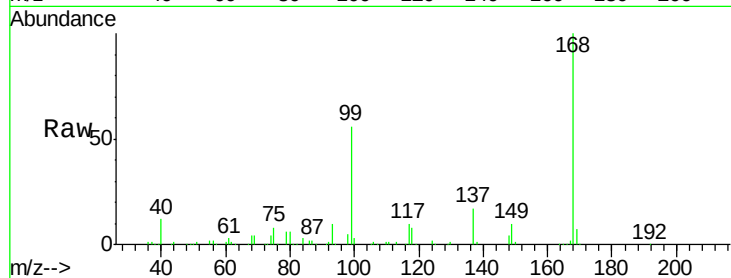
CS-3

Tot Ion:168 Resp: 565934

Ion Ratio Lower Upper

168 100

99 56.2 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

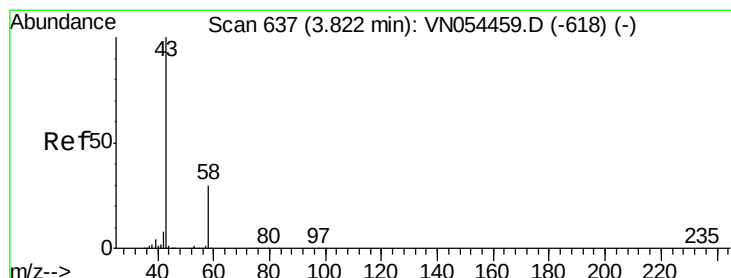
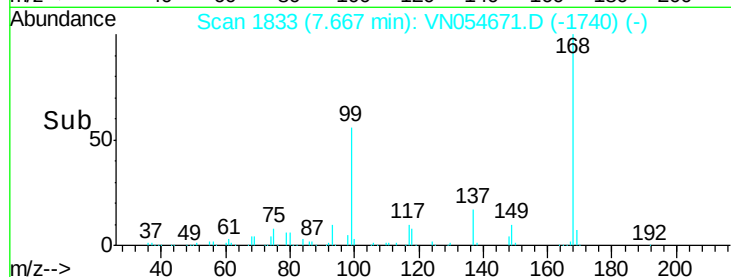
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.849 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054671.D

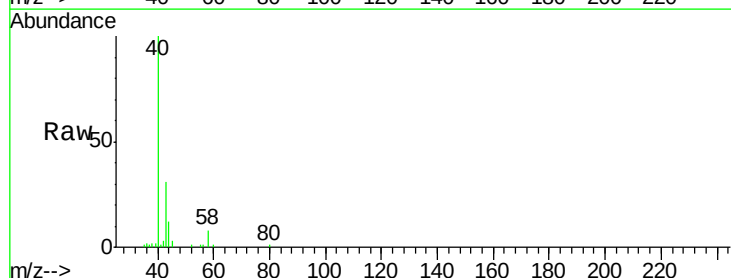
Acq: 25 Mar 2019 14:33

Tgt Ion: 43 Resp: 18728

Ion Ratio Lower Upper

43 100

58 26.0 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

8000

6000

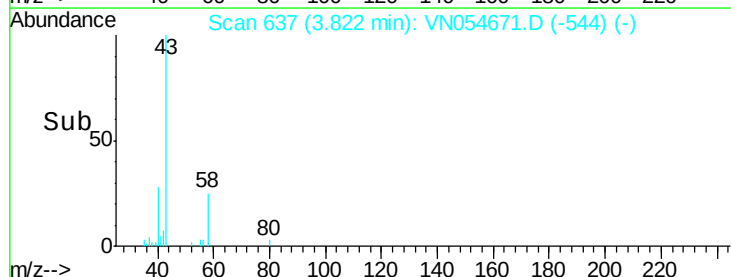
4000

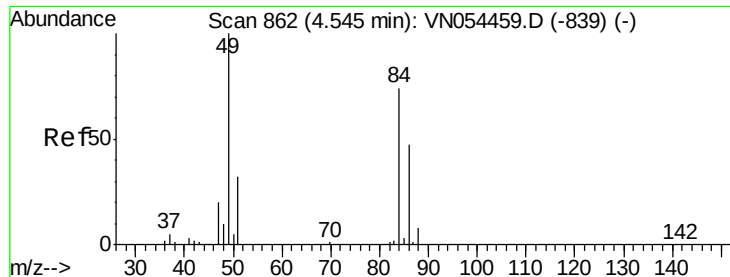
2000

0

3.70 3.80 3.90

Time-->

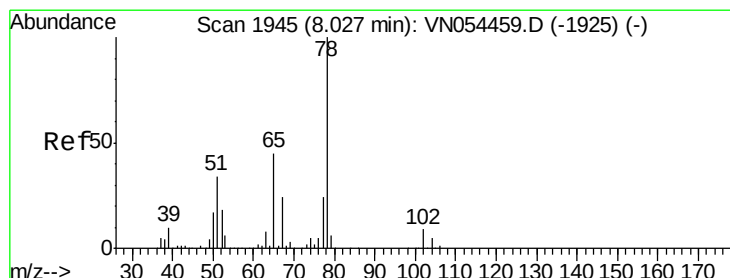
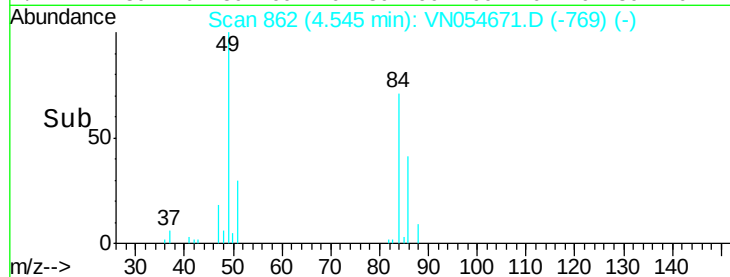
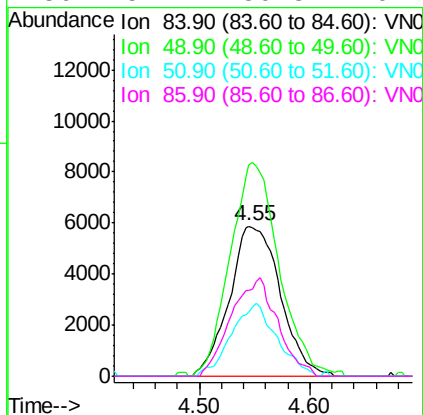
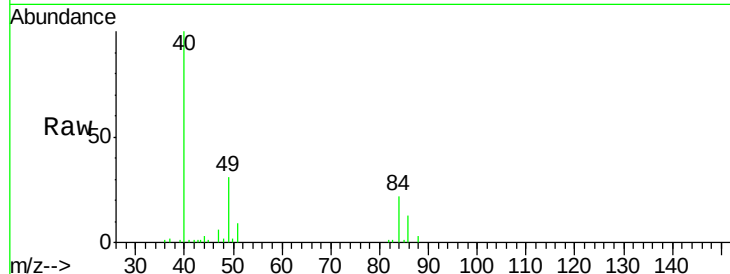




#20
Methylene Chloride
Concen: 3.014 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054671.D
Acq: 25 Mar 2019 14:33

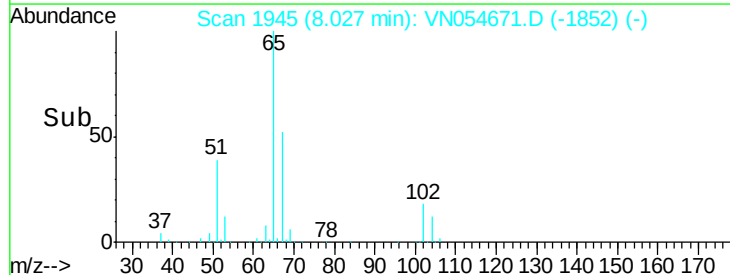
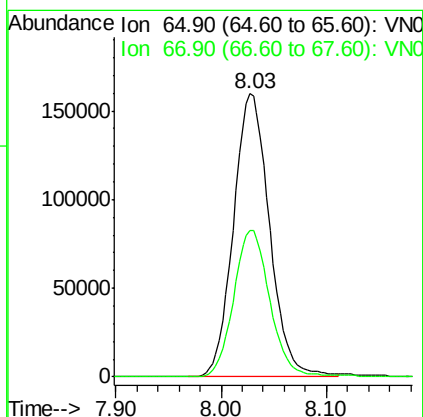
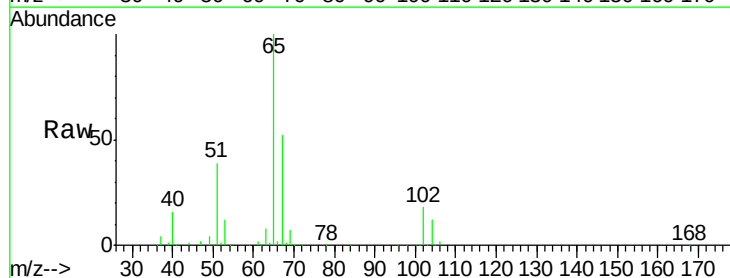
Instrument :
MSVOA_N
ClientSampled :
CS-3

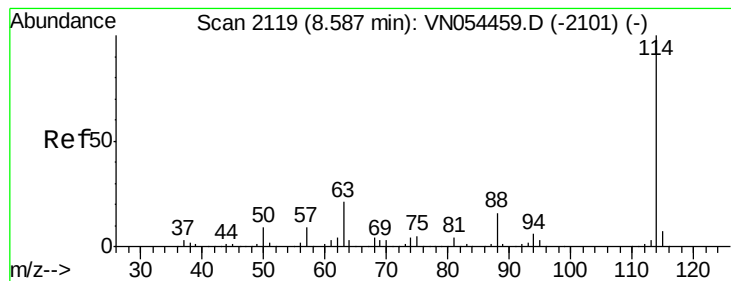
Tot Ion: 84 Resp: 18806
Ion Ratio Lower Upper
84 100
49 140.9 89.7 134.5#
51 42.3 28.2 42.4
86 57.2 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 53.810 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054671.D
Acq: 25 Mar 2019 14:33

Tgt Ion: 65 Resp: 378784
Ion Ratio Lower Upper
65 100
67 52.2 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: VN054671.D

Acq: 25 Mar 2019 14:33

Instrument :

MSVOA_N

ClientSampled :

CS-3

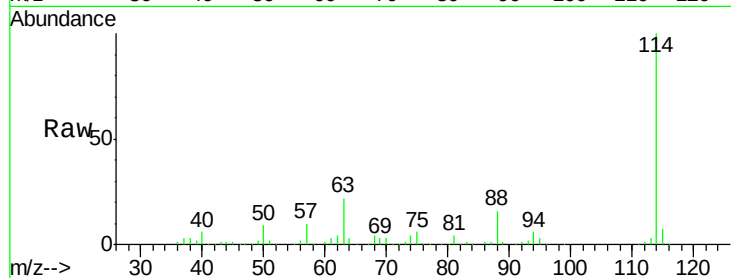
Tot Ion:114 Resp: 921582

Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.2

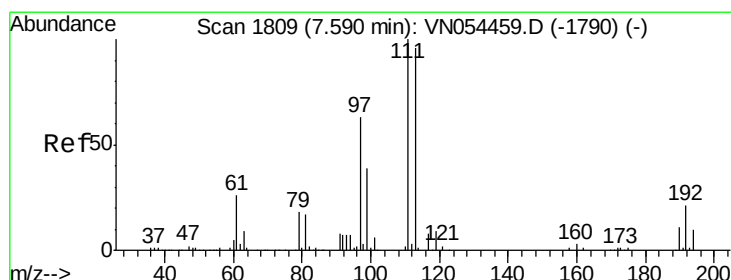
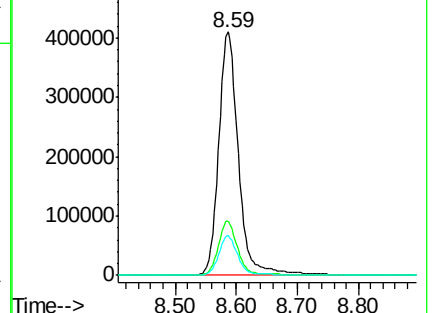
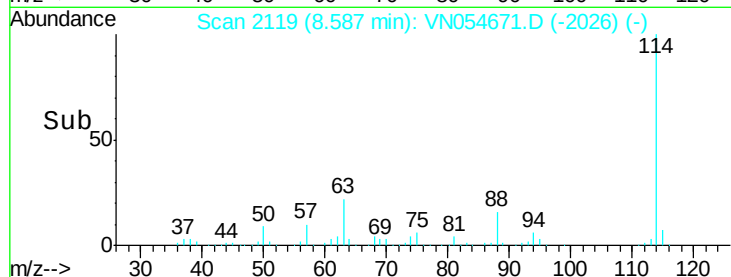
88 16.2 0.0 30.2



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: 49.492 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054671.D

Acq: 25 Mar 2019 14:33

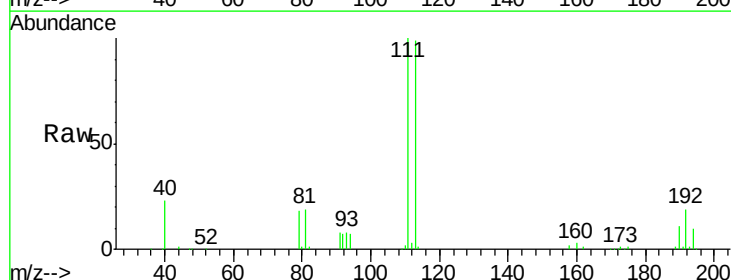
Tgt Ion:113 Resp: 293845

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

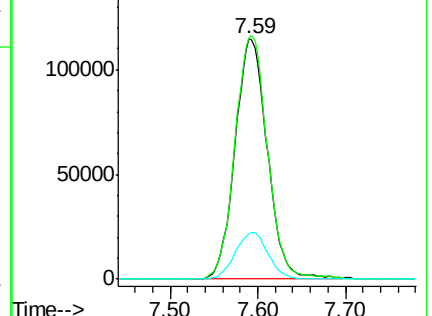
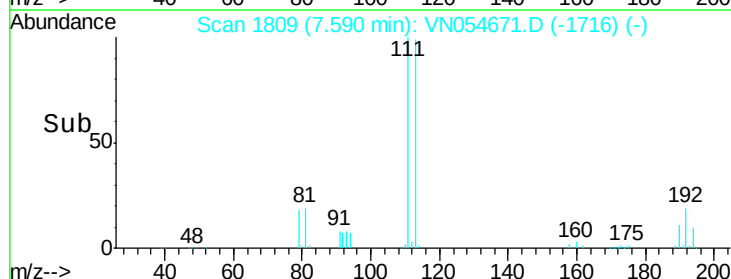
192 19.8 19.2 28.8

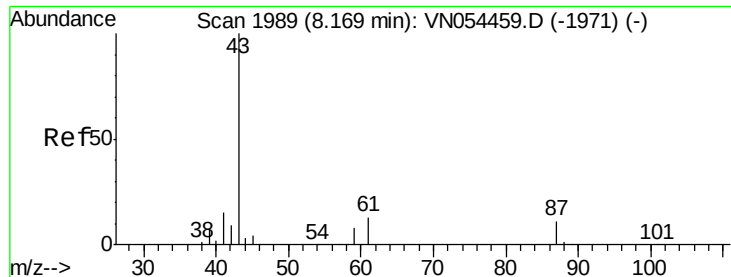


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.190 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054671.D

Acq: 25 Mar 2019 14:33

Instrument :

MSVOA_N

ClientSampleId :

CS-3

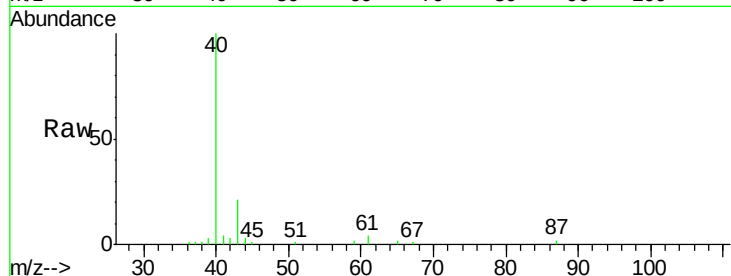
Tot Ion: 43 Resp: 12314

Ion Ratio Lower Upper

43 100

61 18.6 15.8 23.8

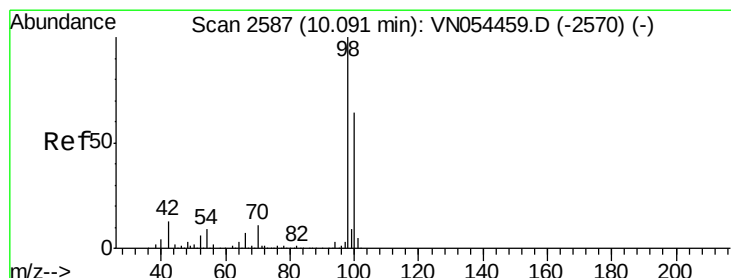
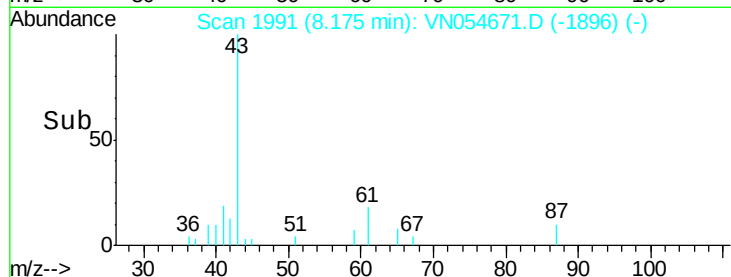
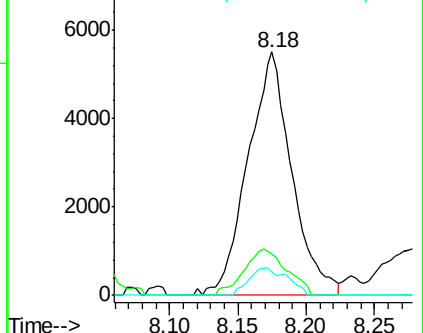
87 9.8 12.0 18.0#



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: 49.519 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054671.D

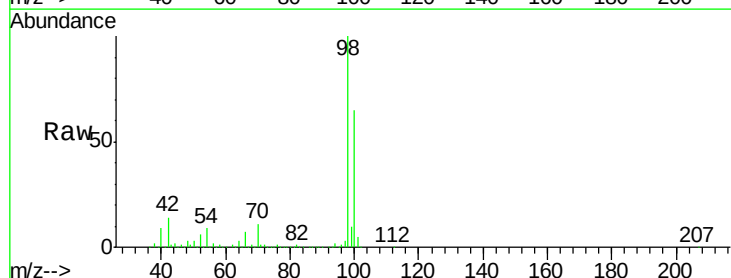
Acq: 25 Mar 2019 14:33

Tgt Ion: 98 Resp: 1105283

Ion Ratio Lower Upper

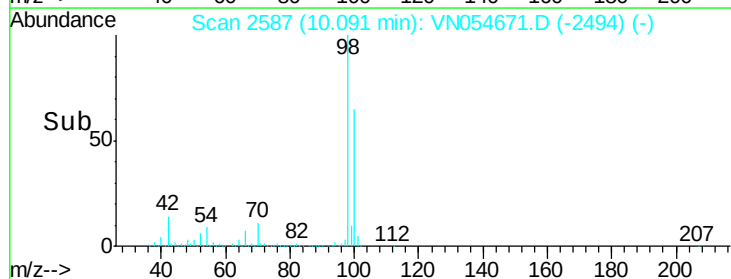
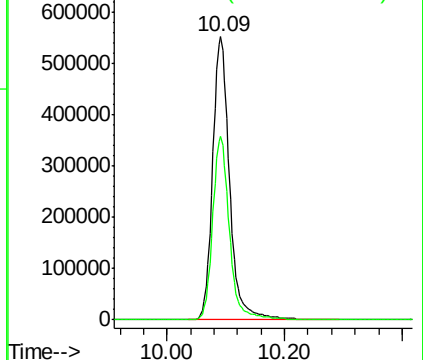
98 100

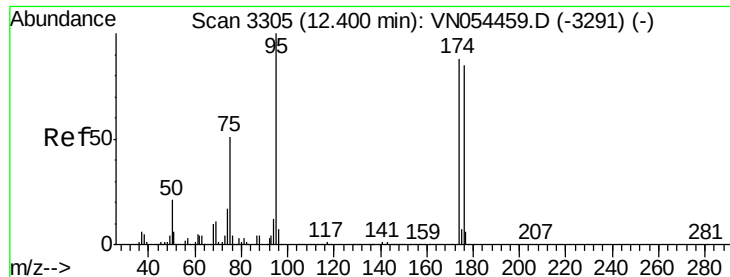
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.807 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054671.D

Acq: 25 Mar 2019 14:33

Instrument :

MSVOA_N

ClientSampled :

CS-3

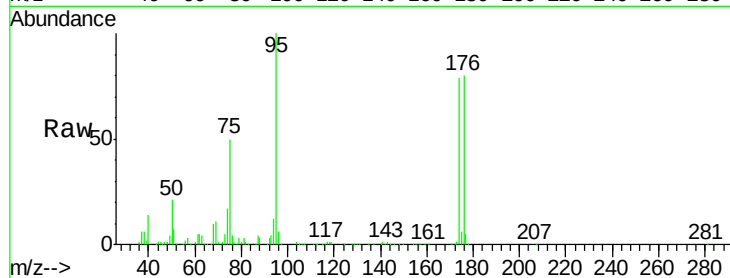
Tot Ion: 95 Resp: 340321

Ion Ratio Lower Upper

95 100

174 83.2 0.0 191.0

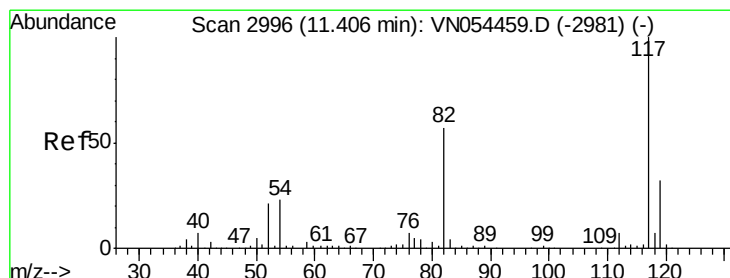
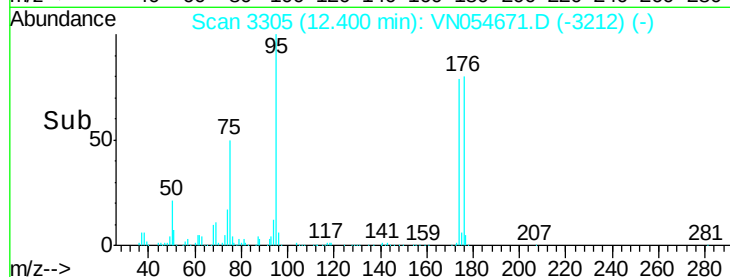
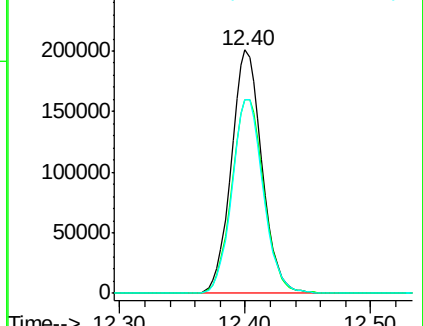
176 81.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054671.D

Acq: 25 Mar 2019 14:33

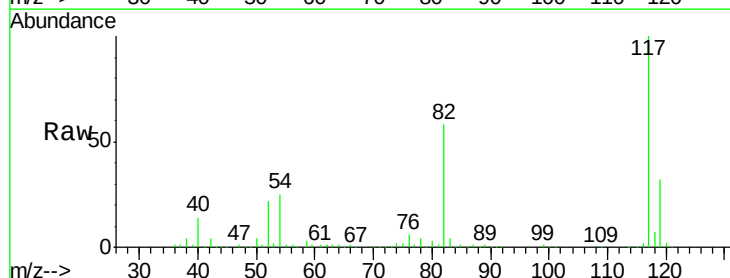
Tgt Ion: 117 Resp: 772538

Ion Ratio Lower Upper

117 100

82 57.9 40.0 60.0

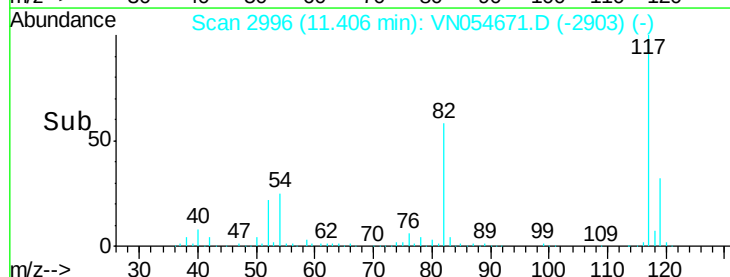
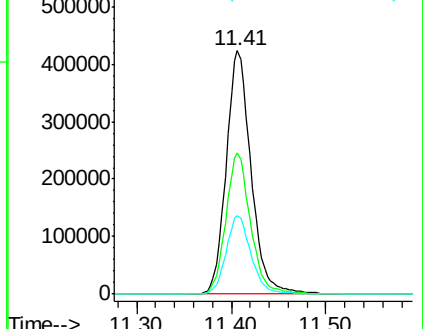
119 32.4 25.8 38.6

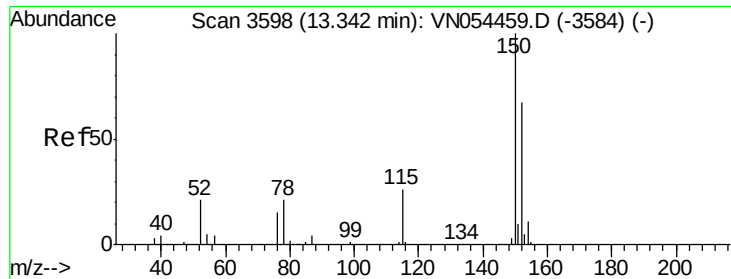


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054671.D

Acq: 25 Mar 2019 14:33

Instrument :

MSVOA_N

ClientSampleId :

CS-3

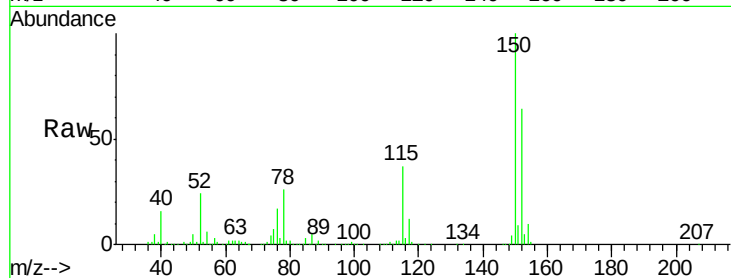
Tot Ion:152 Resp: 279698

Ion Ratio Lower Upper

152 100

115 58.8 27.2 81.6

150 157.2 0.0 349.2



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

