

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032719\
 Data File : VN054721.D
 Acq On : 27 Mar 2019 14:50
 Operator : JC/SP
 Sample : K2086-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-15

Quant Time: Mar 28 07:13:19 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

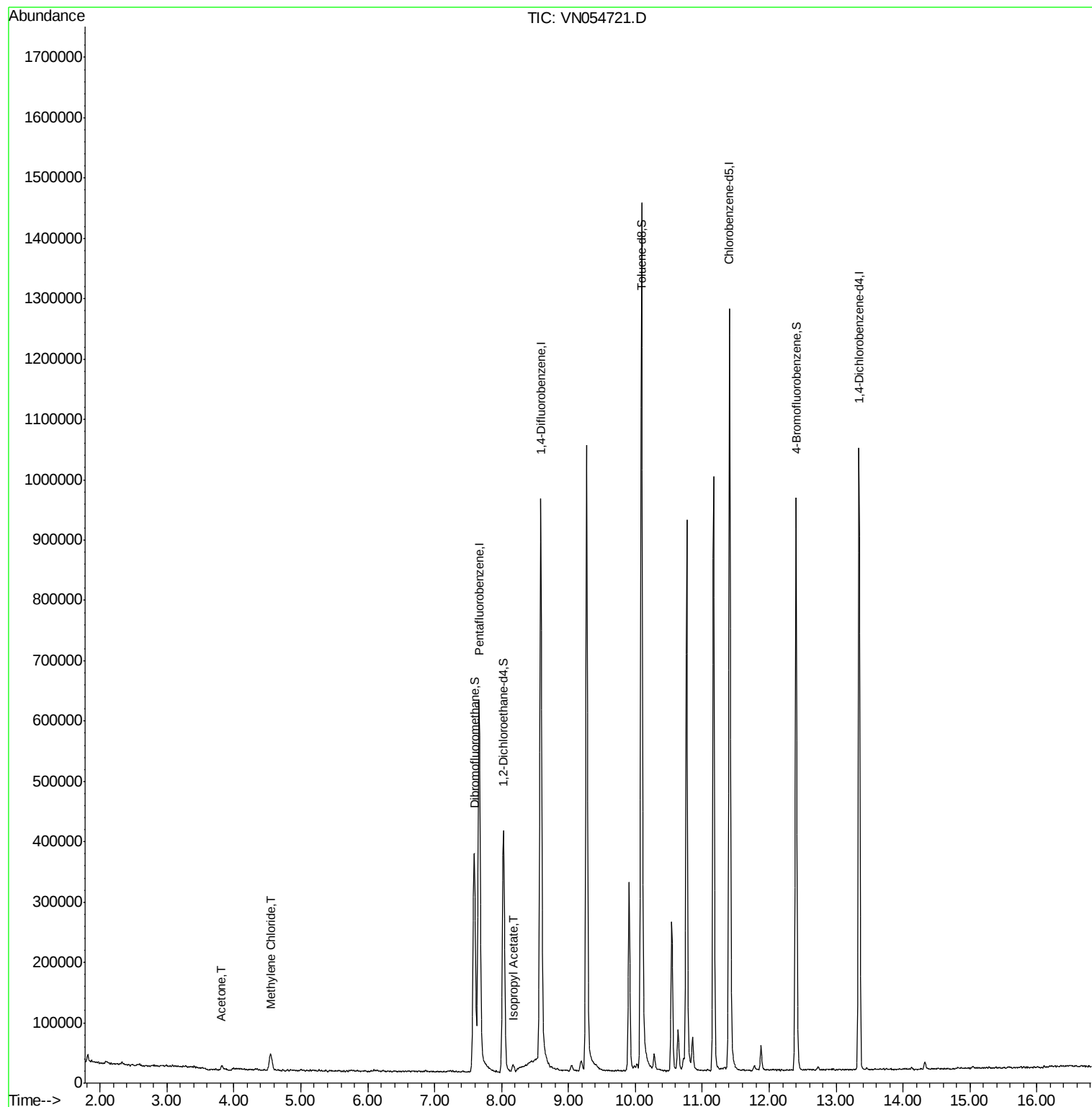
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	551517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	869069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	749005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	275954	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	353606	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
35) Dibromofluoromethane	7.59	113	273214	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
50) Toluene-d8	10.09	98	1061967	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.40	95	326205	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
Target Compounds						
16) Acetone	3.82	43	11878	5.759	ug/l #	75
20) Methylene Chloride	4.55	84	17040	2.803	ug/l #	79
43) Isopropyl Acetate	8.17	43	14506	1.486	ug/l	95

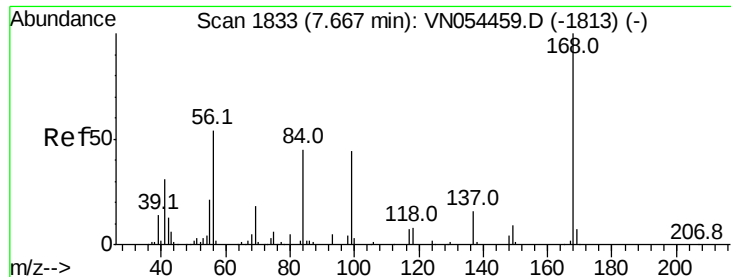
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032719\
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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: VN054721.D

Acq: 27 Mar 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

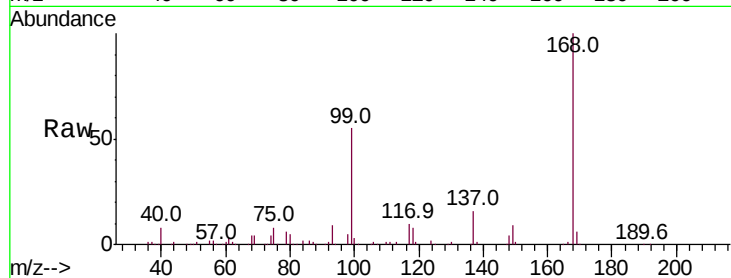
CS-15

Tot Ion:168 Resp: 551517

Ion Ratio Lower Upper

168 100

99 55.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054459.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054459.D (-1813) (-)

7.67

250000

200000

150000

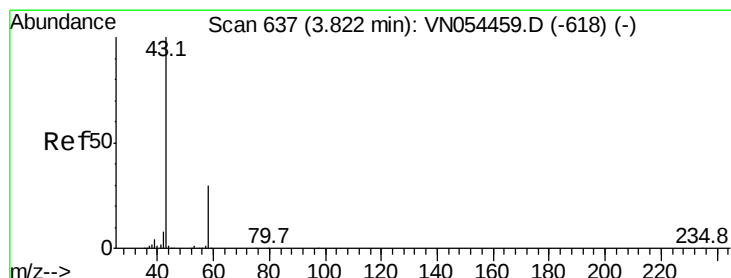
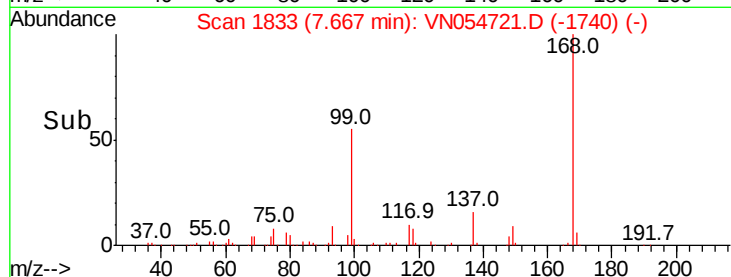
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 5.759 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054721.D

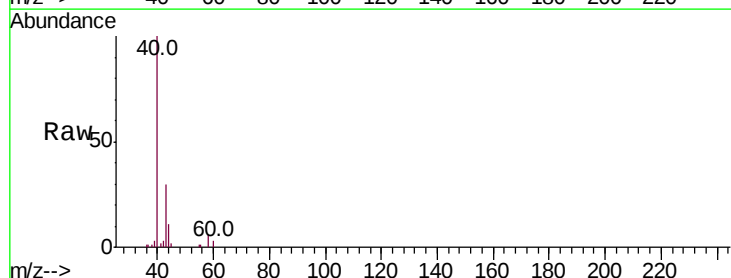
Acq: 27 Mar 2019 14:50

Tgt Ion: 43 Resp: 11878

Ion Ratio Lower Upper

43 100

58 22.5 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN054459.D (-618) (-)

3.82

6000

5000

4000

3000

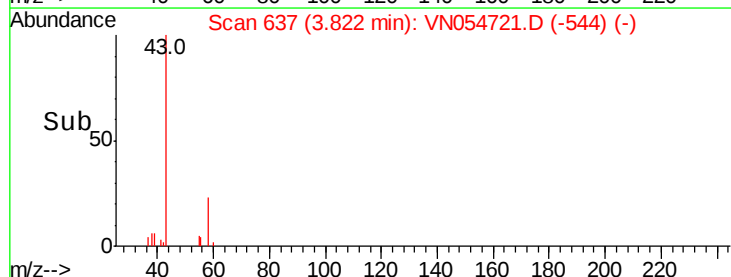
2000

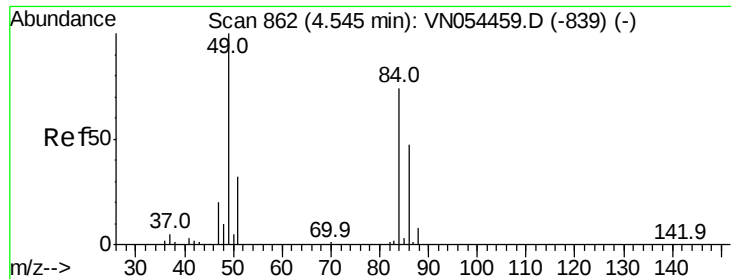
1000

0

Time-->

3.75 3.80 3.85 3.90

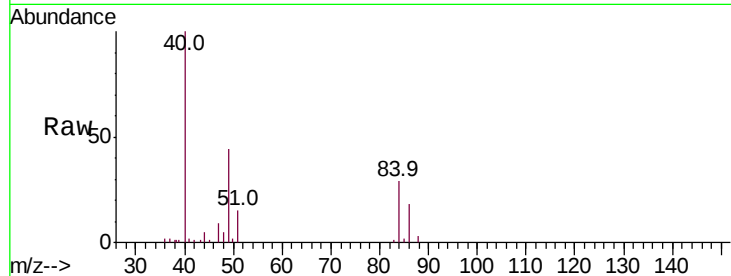




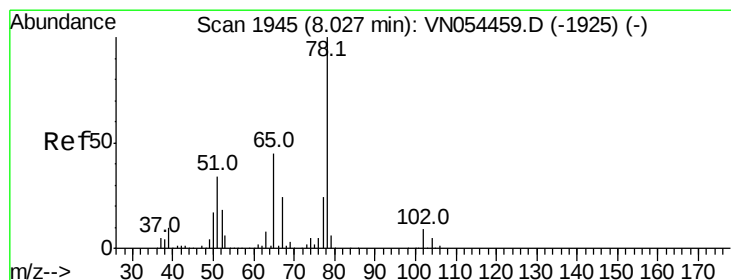
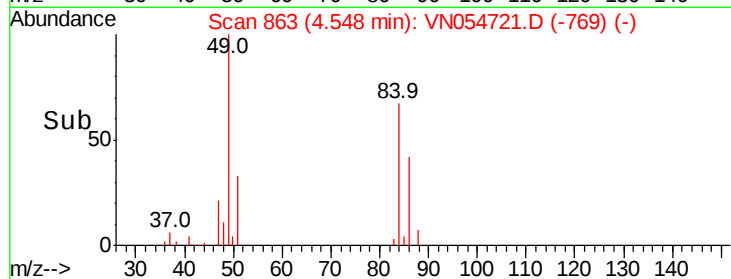
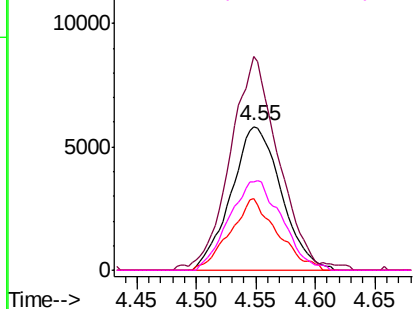
#20
Methvlene Chloride
Concen: 2.803 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054721.D
Acq: 27 Mar 2019 14:50

Instrument :
MSVOA_N
ClientSampled :
CS-15

Tot Ion: 84 Resp: 17040
Ion Ratio Lower Upper
84 100
49 145.5 89.7 134.5#
51 49.7 28.2 42.4#
86 61.8 50.8 76.2

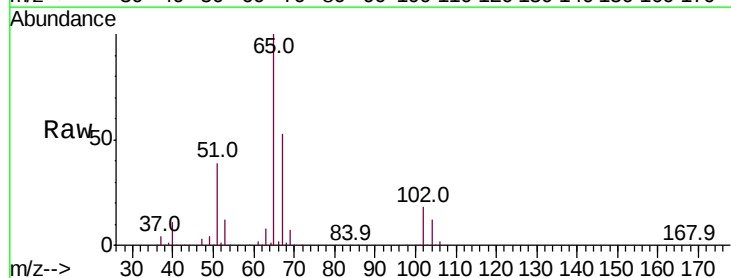


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

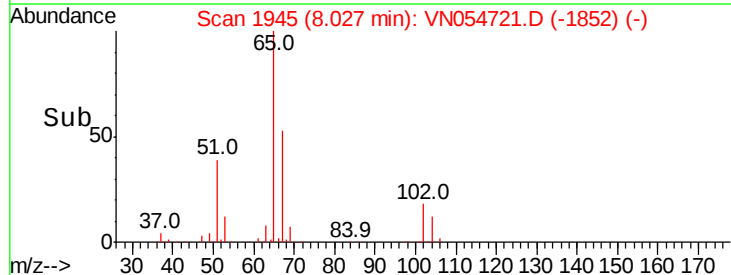
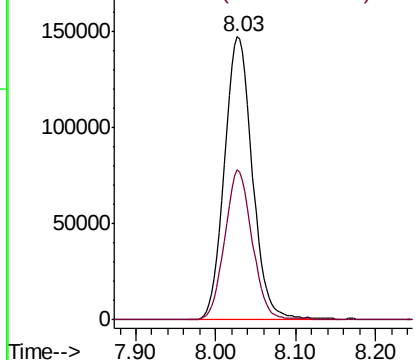


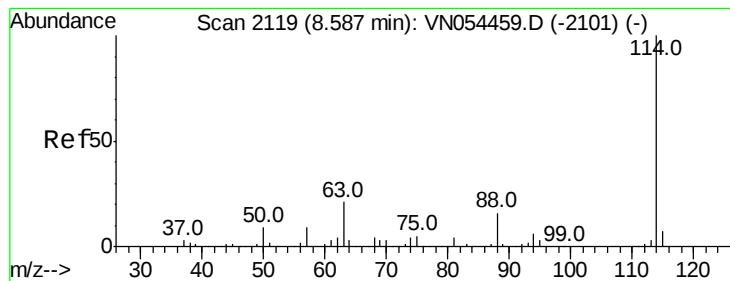
#33
1,2-Dichloroethane-d4
Concen: 51.546 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054721.D
Acq: 27 Mar 2019 14:50

Tgt Ion: 65 Resp: 353606
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054721.D

Acq: 27 Mar 2019 14:50

Instrument :

MSVOA_N

ClientSampled :

CS-15

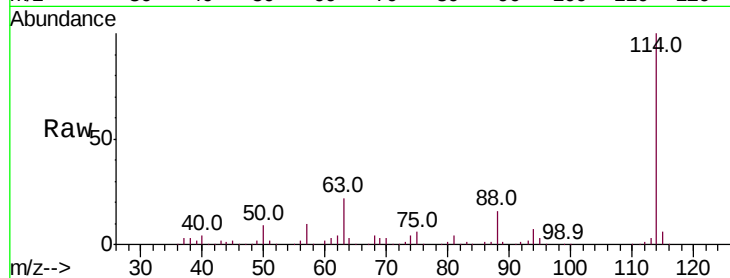
Tot Ion:114 Resp: 869069

Ion Ratio Lower Upper

114 100

63 22.0 0.0 35.2

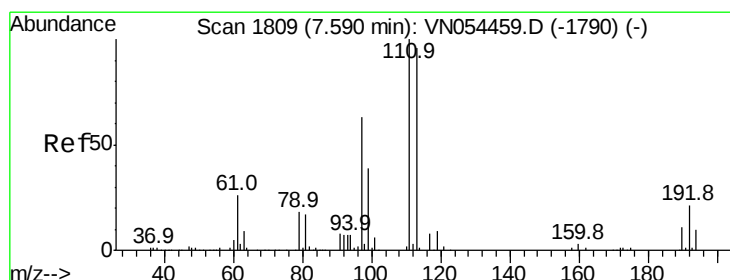
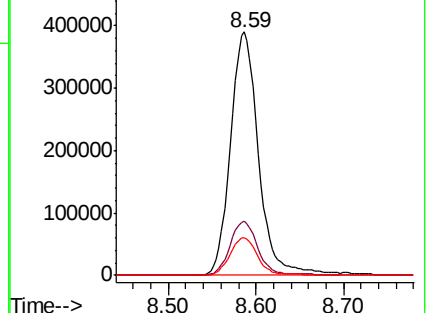
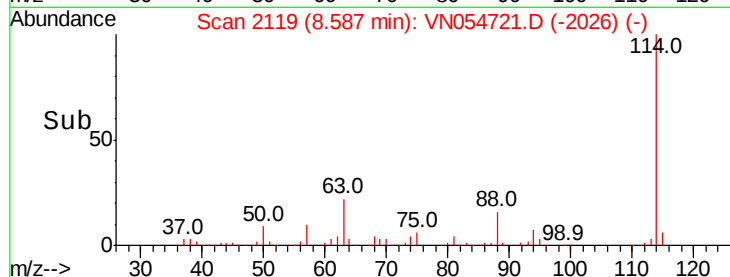
88 15.6 0.0 30.2



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: 48.797 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054721.D

Acq: 27 Mar 2019 14:50

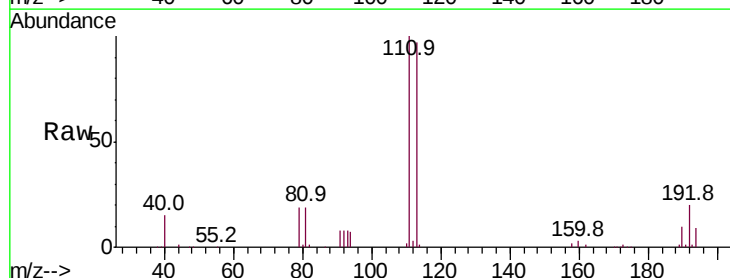
Tgt Ion:113 Resp: 273214

Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

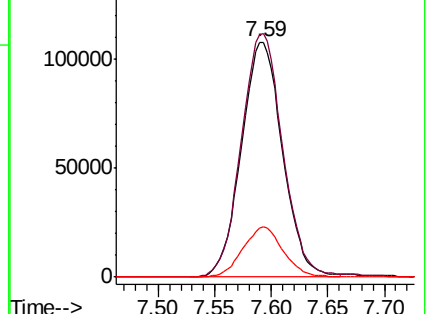
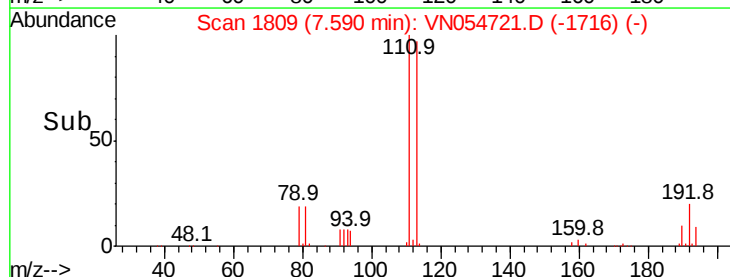
192 21.0 19.2 28.8

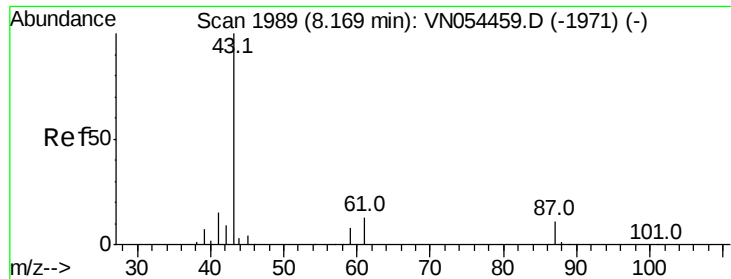


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.486 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054721.D

Acq: 27 Mar 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

CS-15

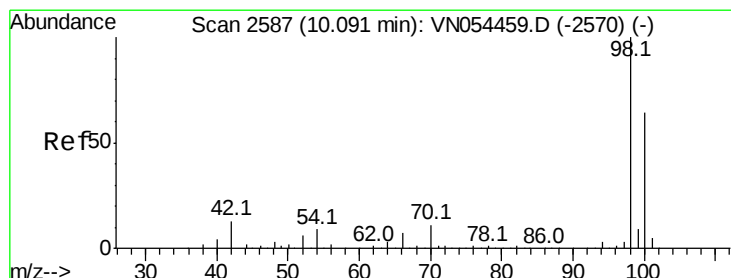
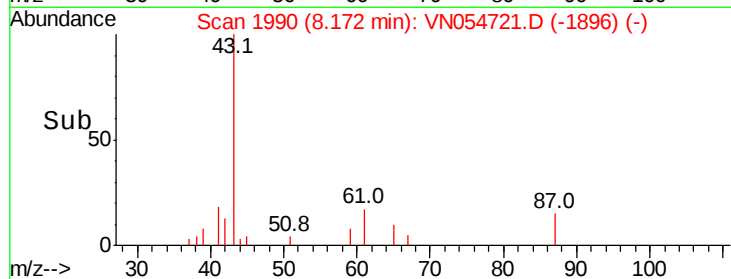
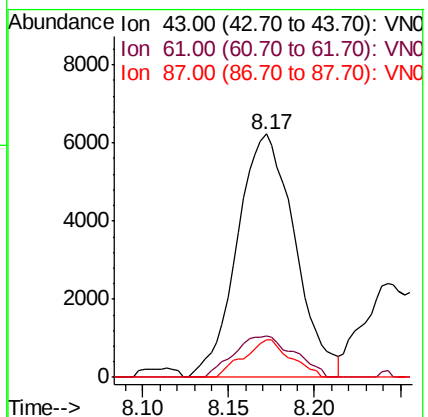
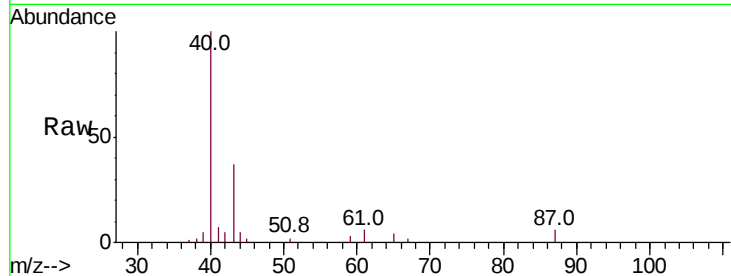
Tot Ion: 43 Resp: 14506

Ion Ratio Lower Upper

43 100

61 17.9 15.8 23.8

87 12.4 12.0 18.0



#50

Toluene-d8

Concen: 50.453 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054721.D

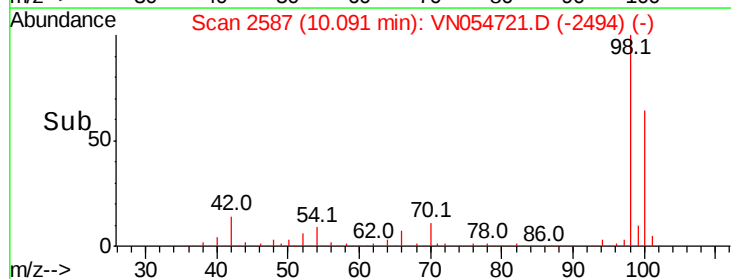
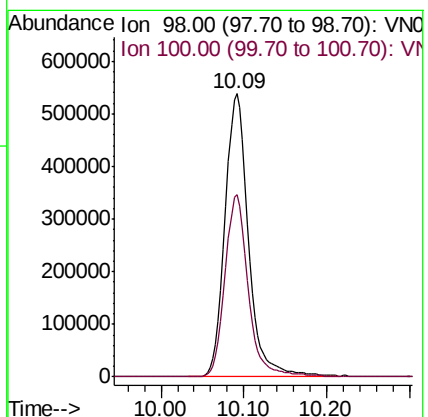
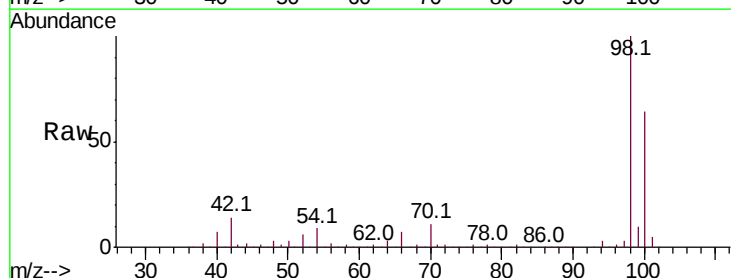
Acq: 27 Mar 2019 14:50

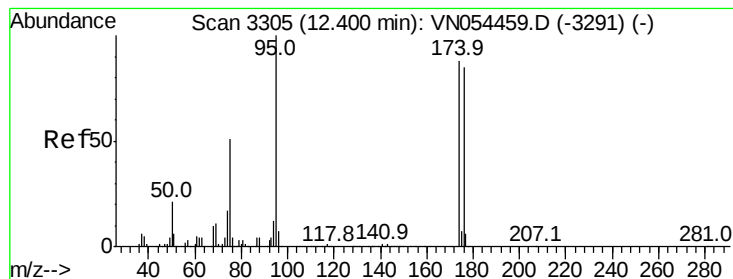
Tgt Ion: 98 Resp: 1061967

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 45.543 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054721.D

Acq: 27 Mar 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

CS-15

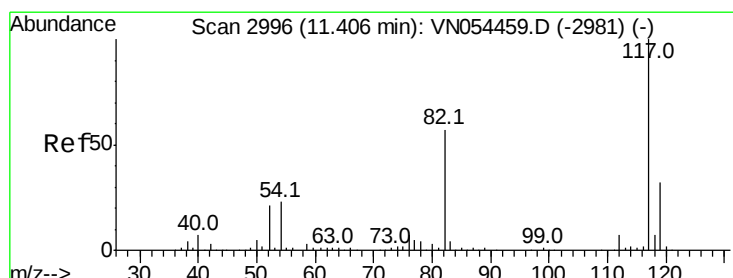
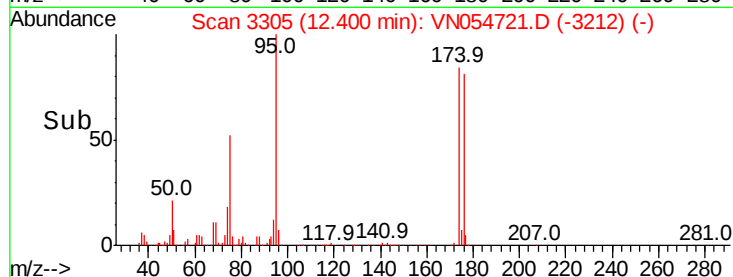
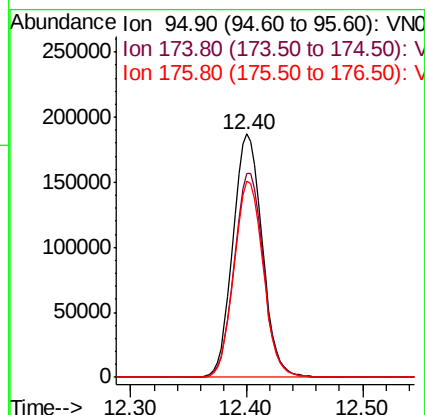
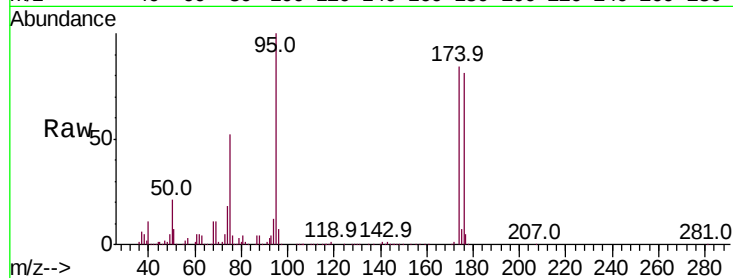
Tot Ion: 95 Resp: 326205

Ion Ratio Lower Upper

95 100

174 83.9 0.0 191.0

176 80.1 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054721.D

Acq: 27 Mar 2019 14:50

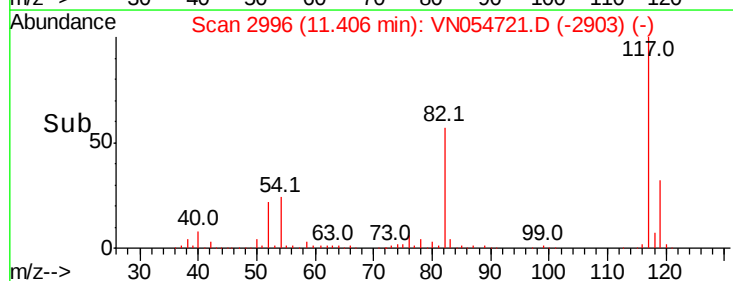
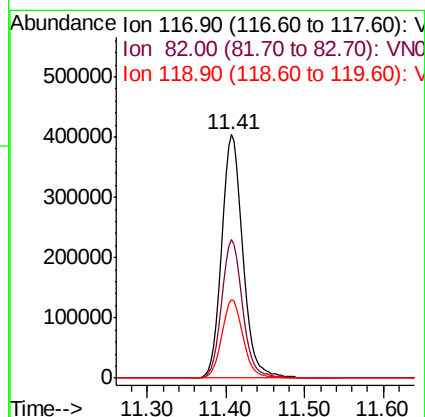
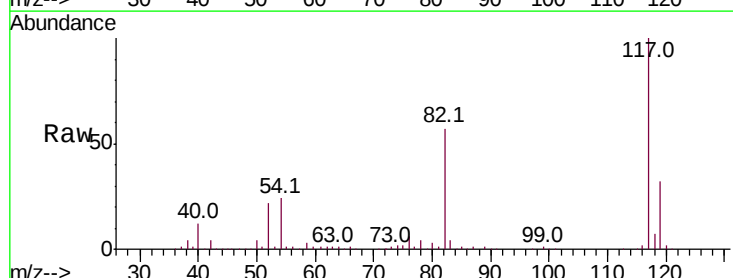
Tgt Ion: 117 Resp: 749005

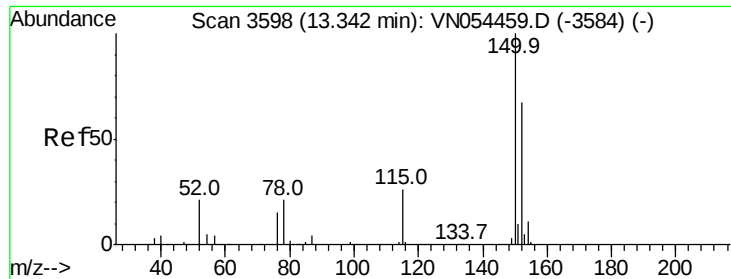
Ion Ratio Lower Upper

117 100

82 56.9 40.0 60.0

119 32.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054721.D

Acq: 27 Mar 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

CS-15

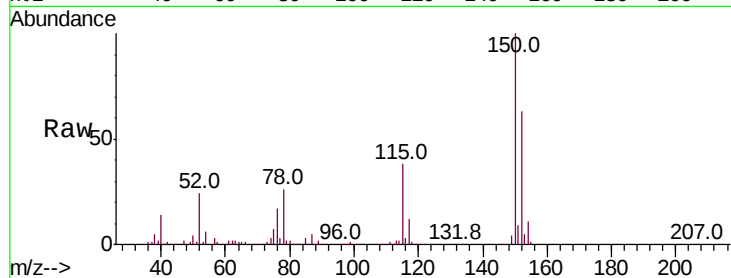
Tot Ion:152 Resp: 275954

Ion Ratio Lower Upper

152 100

115 58.5 27.2 81.6

150 155.9 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

