

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032619\
 Data File : VN054691.D
 Acq On : 26 Mar 2019 11:54
 Operator : JC/SP
 Sample : K2056-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-7

Quant Time: Mar 27 04:25:54 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

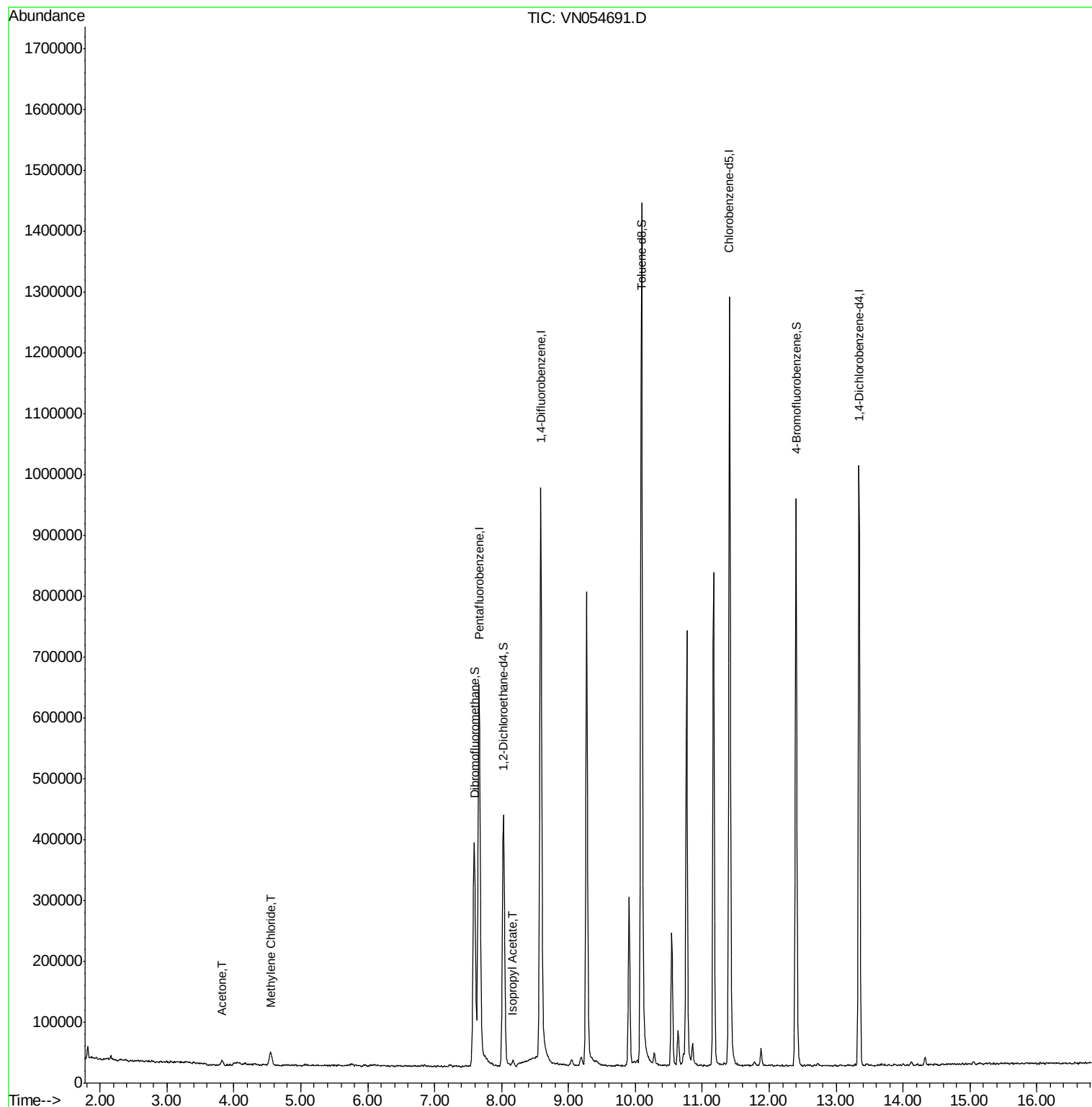
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	555668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	880666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	747552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	264691	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	360012	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
35) Dibromofluoromethane	7.59	113	280921	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
50) Toluene-d8	10.09	98	1061413	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	320676	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	
Target Compounds						
16) Acetone	3.82	43	13753	6.618	ug/l	90
20) Methylene Chloride	4.55	84	14181	2.315	ug/l #	87
43) Isopropyl Acetate	8.17	43	10283	1.040	ug/l #	93

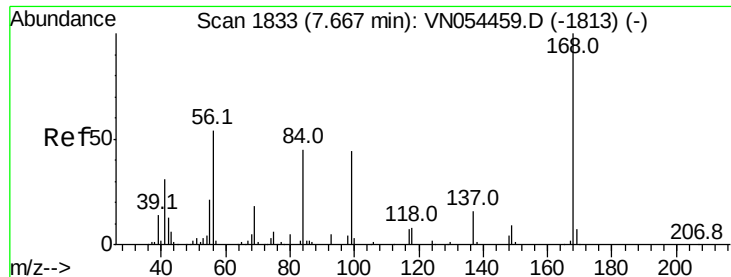
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054691.D

Acq: 26 Mar 2019 11:54

Instrument :

MSVOA_N

ClientSampled :

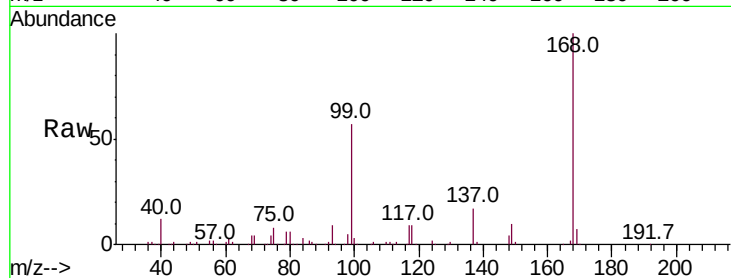
CS-7

Tot Ion:168 Resp: 555668

Ion Ratio Lower Upper

168 100

99 57.0 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

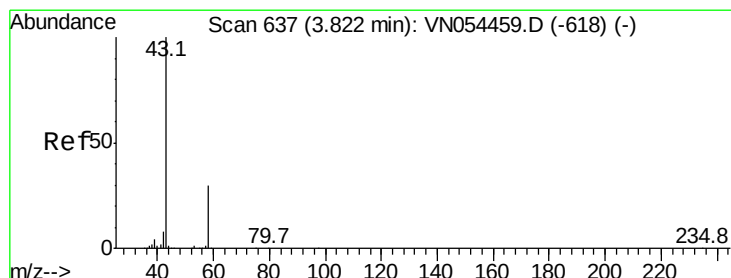
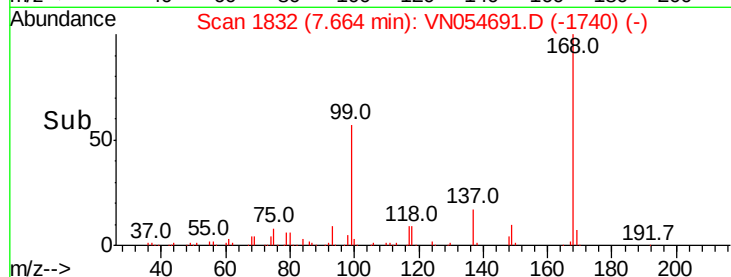
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 6.618 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054691.D

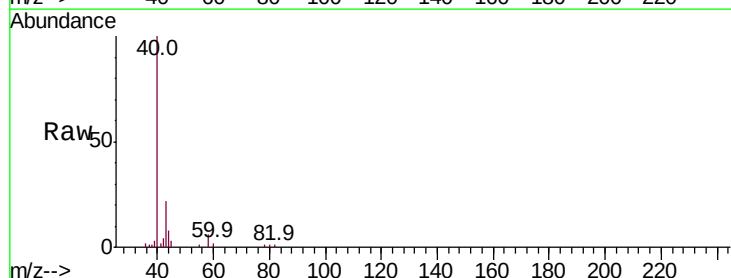
Acq: 26 Mar 2019 11:54

Tgt Ion: 43 Resp: 13753

Ion Ratio Lower Upper

43 100

58 31.5 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

6000

5000

4000

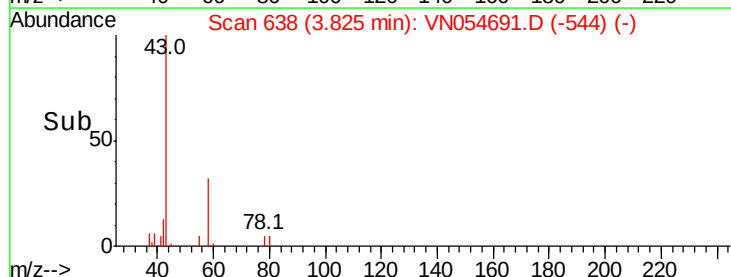
3000

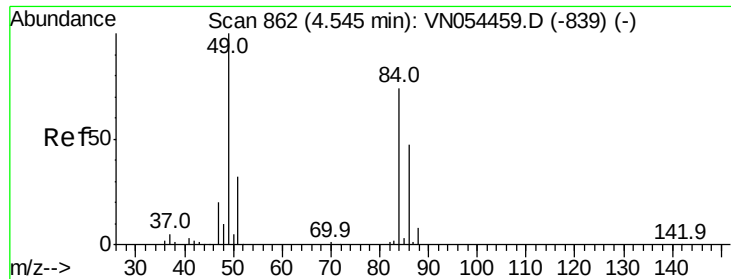
2000

1000

0

Time--> 3.70 3.80 3.90

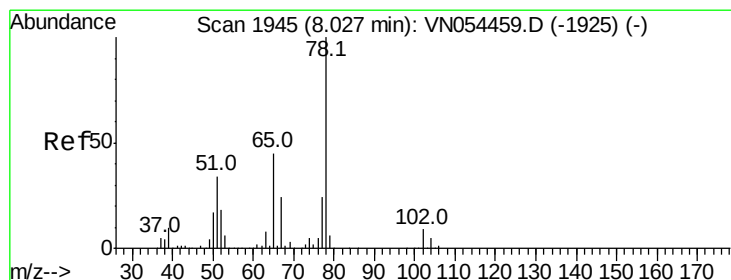
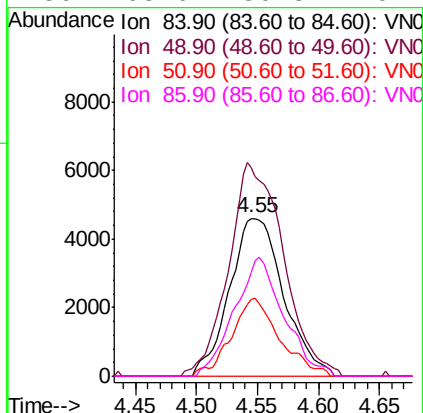
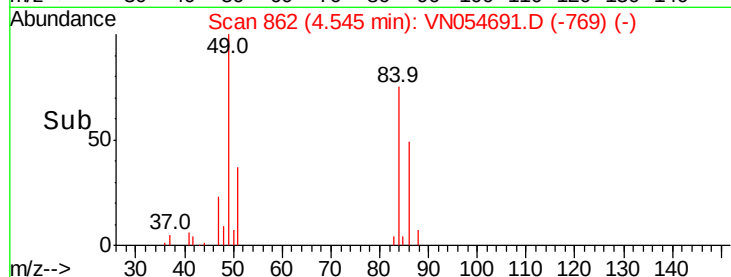
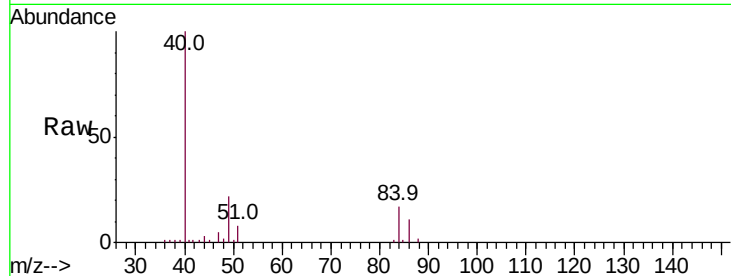




#20
Methylene Chloride
Concen: 2.315 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054691.D
Acq: 26 Mar 2019 11:54

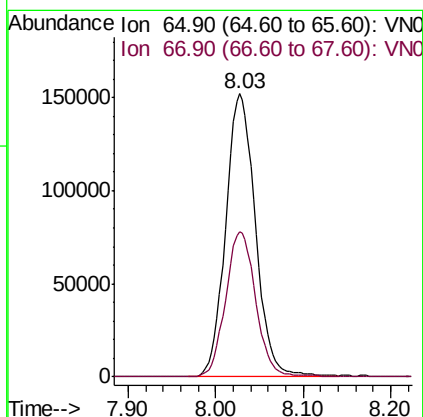
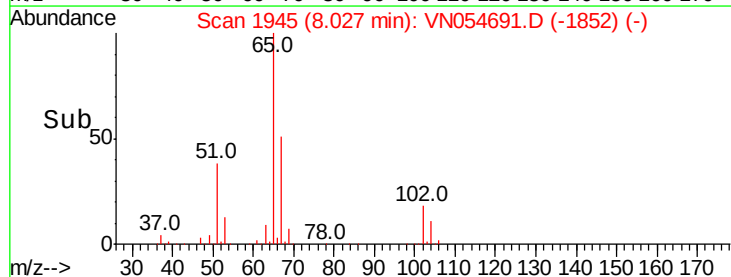
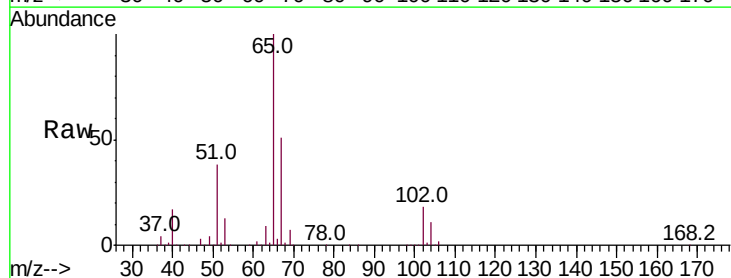
Instrument :
MSVOA_N
ClientSampleId :
CS-7

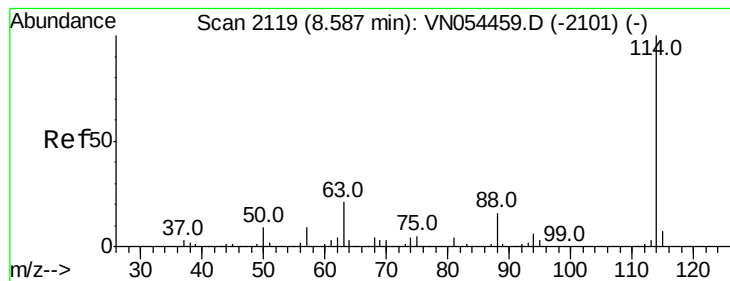
Tot Ion: 84 Resp: 14181
Ion Ratio Lower Upper
84 100
49 129.0 89.7 134.5
51 48.7 28.2 42.4#
86 65.6 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 52.088 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054691.D
Acq: 26 Mar 2019 11:54

Tgt Ion: 65 Resp: 360012
Ion Ratio Lower Upper
65 100
67 51.9 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: VN054691.D

Acq: 26 Mar 2019 11:54

Instrument :

MSVOA_N

ClientSampled :

CS-7

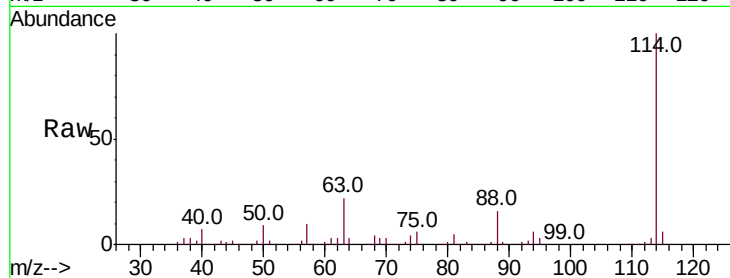
Tot Ion:114 Resp: 880666

Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.2

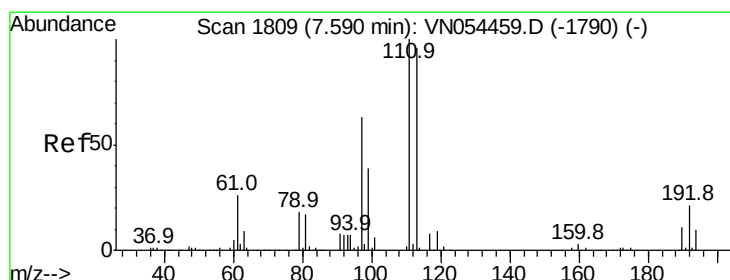
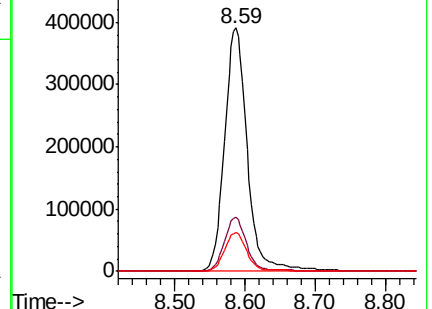
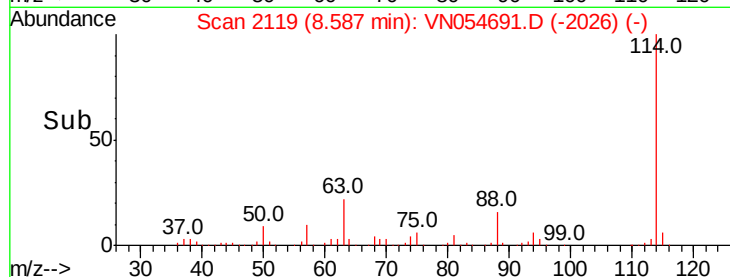
88 15.7 0.0 30.2



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: 49.513 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054691.D

Acq: 26 Mar 2019 11:54

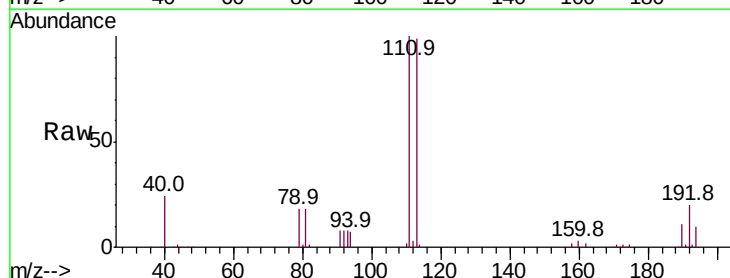
Tgt Ion:113 Resp: 280921

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

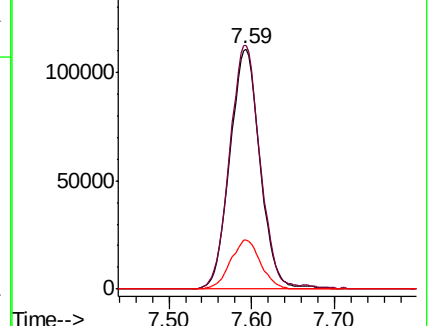
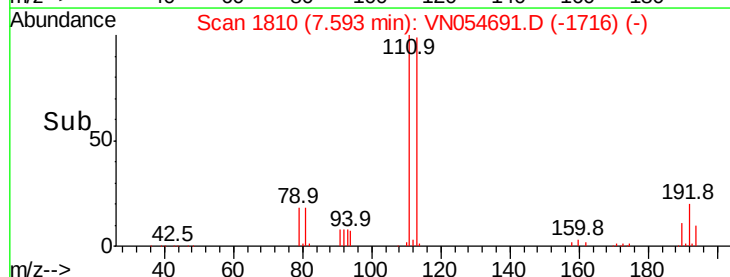
192 20.4 19.2 28.8

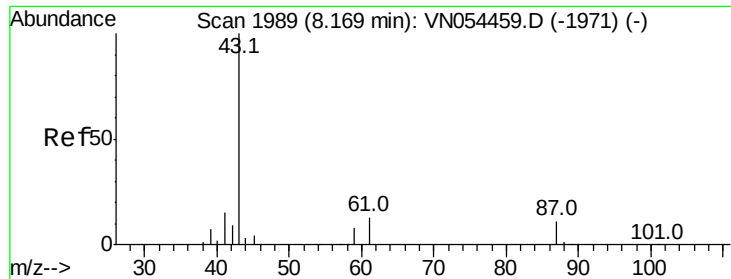


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.040 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054691.D

Acq: 26 Mar 2019 11:54

Instrument :

MSVOA_N

ClientSampleId :

CS-7

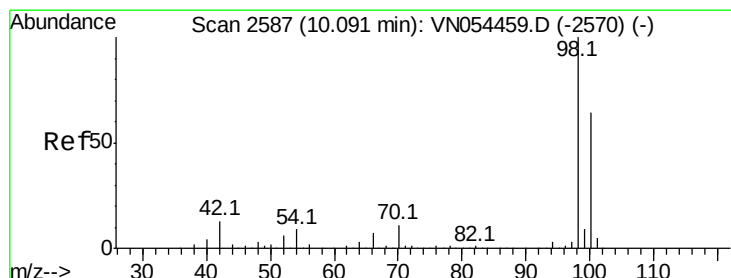
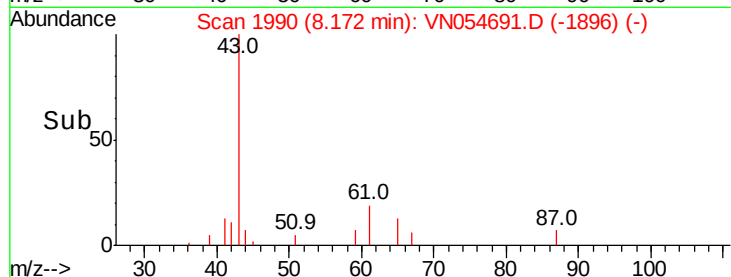
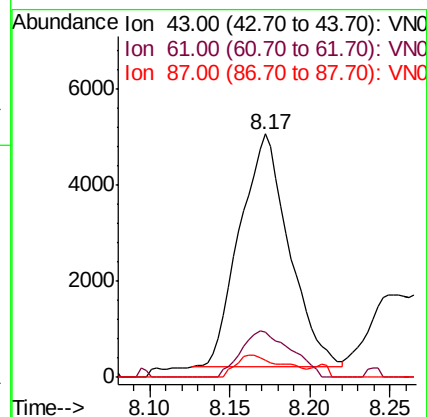
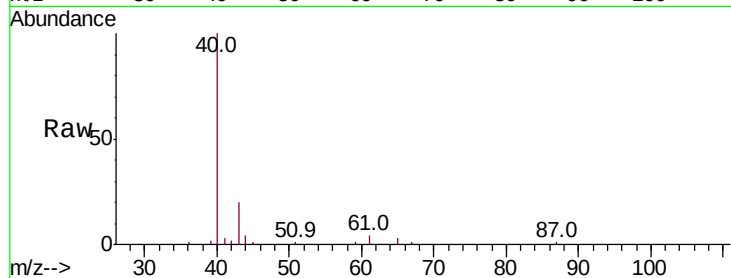
Tot Ion: 43 Resp: 10283

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.8

87 9.1 12.0 18.0#



#50

Toluene-d8

Concen: 49.763 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054691.D

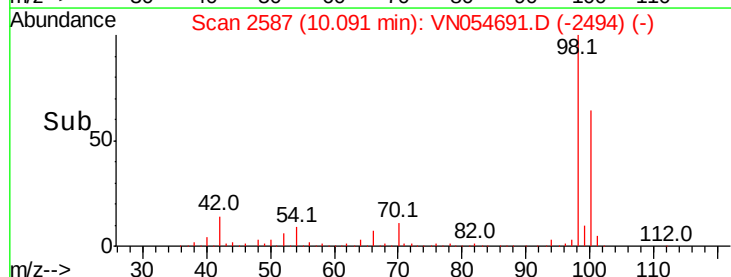
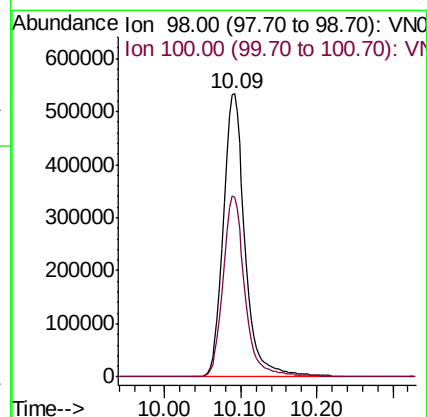
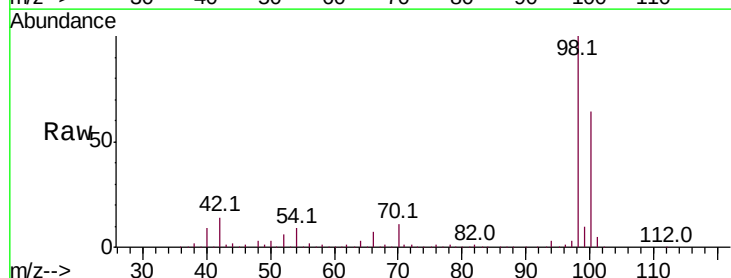
Acq: 26 Mar 2019 11:54

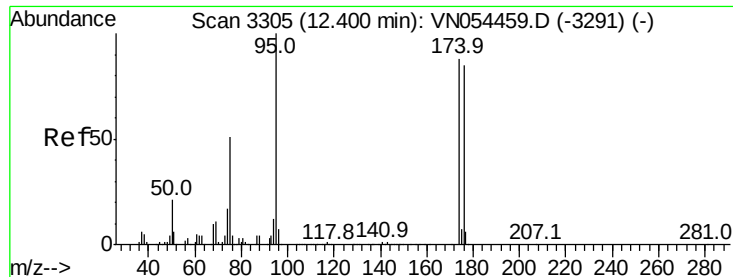
Tgt Ion: 98 Resp: 1061413

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 44.182 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054691.D

Acq: 26 Mar 2019 11:54

Instrument :

MSVOA_N

ClientSampleId :

CS-7

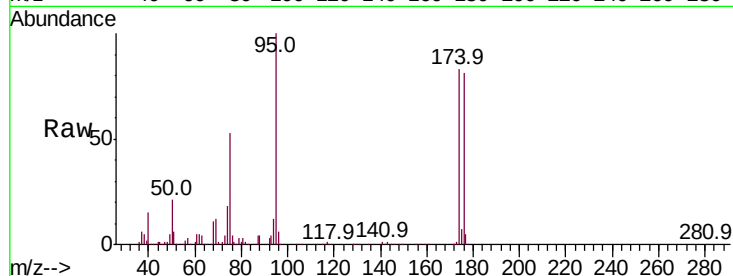
Tot Ion: 95 Resp: 320676

Ion Ratio Lower Upper

95 100

174 84.6 0.0 191.0

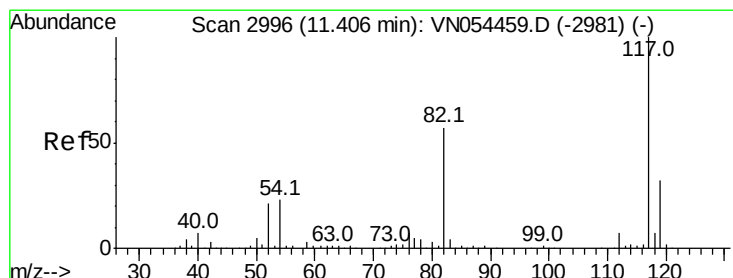
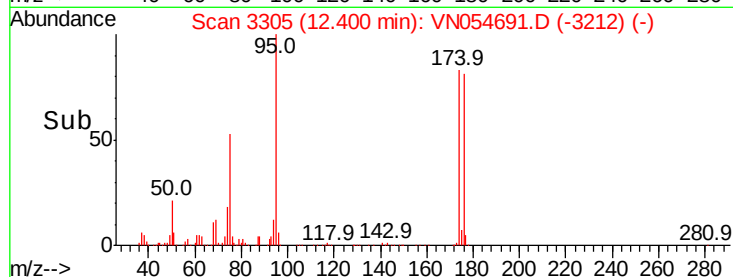
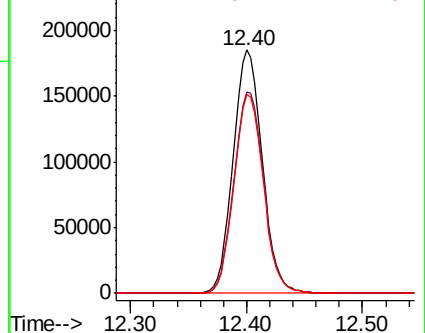
176 82.4 0.0 187.4



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: VN054691.D

Acq: 26 Mar 2019 11:54

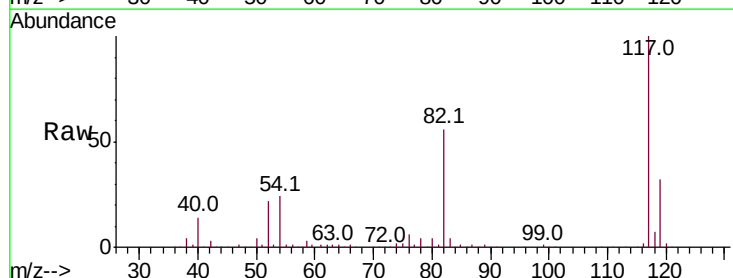
Tgt Ion: 117 Resp: 747552

Ion Ratio Lower Upper

117 100

82 55.8 40.0 60.0

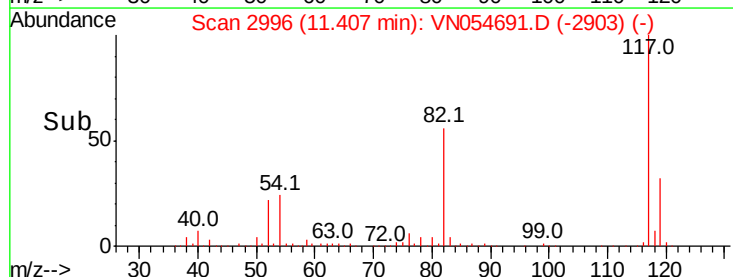
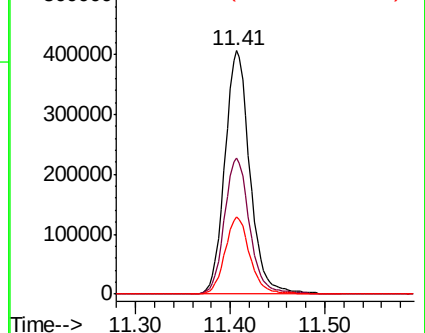
119 31.5 25.8 38.6

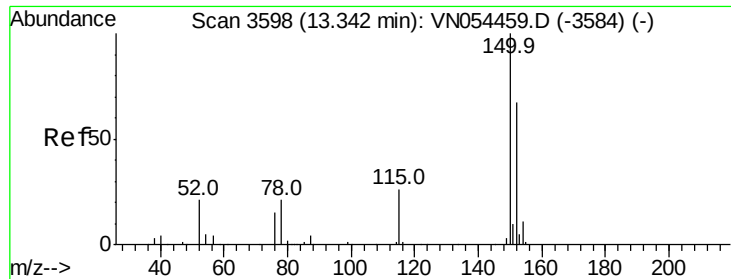


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: VN054691.D

Acq: 26 Mar 2019 11:54

Instrument :

MSVOA_N

ClientSampleId :

CS-7

Tot Ion:152 Resp: 264691

Ion Ratio Lower Upper

152 100

115 58.9 27.2 81.6

150 156.4 0.0 349.2

