

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032619\
 Data File : VN054699.D
 Acq On : 26 Mar 2019 15:25
 Operator : JC/SP
 Sample : K2081-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S3A(10)

Quant Time: Mar 27 04:46:36 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

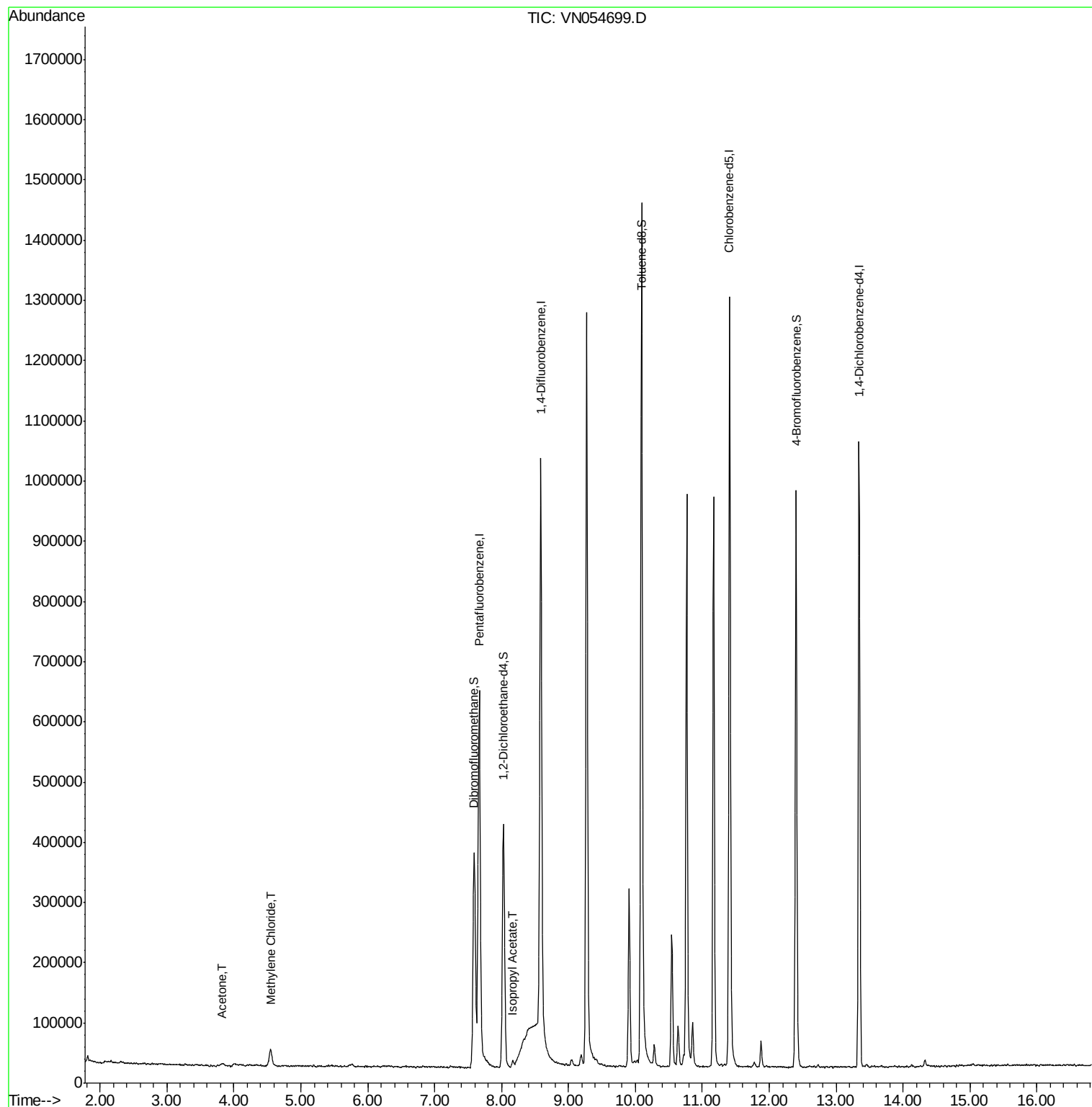
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	543784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	874890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	747675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	278741	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	350274	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
35) Dibromofluoromethane	7.59	113	269164	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
50) Toluene-d8	10.09	98	1053318	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	329825	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
Target Compounds						
16) Acetone	3.82	43	11457	5.634	ug/l	93
20) Methylene Chloride	4.55	84	17878	2.982	ug/l #	90
43) Isopropyl Acetate	8.17	43	13665	1.391	ug/l #	95

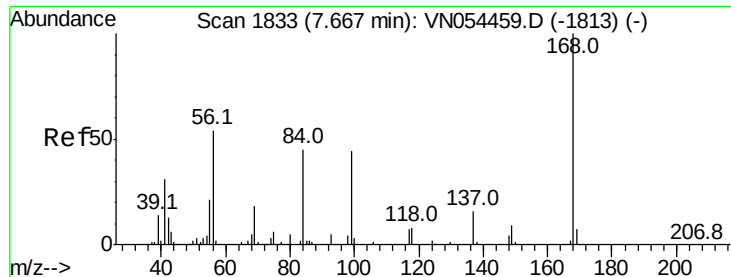
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032619\
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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: VN054699.D

Acq: 26 Mar 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

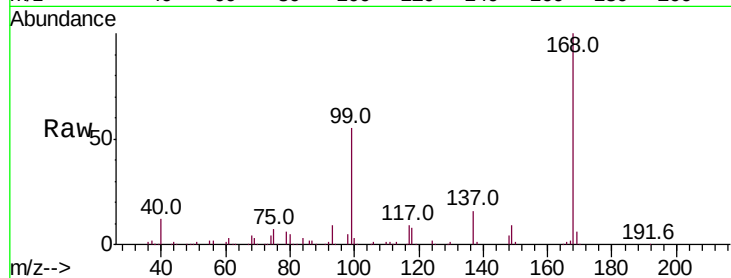
S3A(10)

Tot Ion:168 Resp: 543784

Ion Ratio Lower Upper

168 100

99 55.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

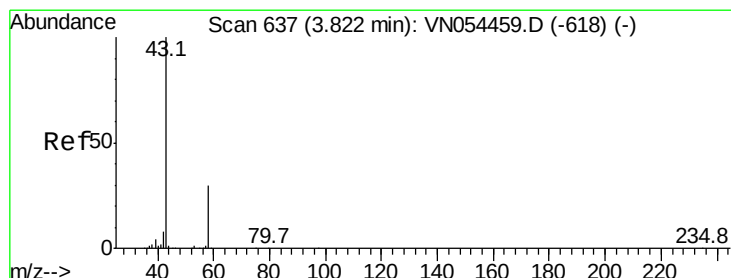
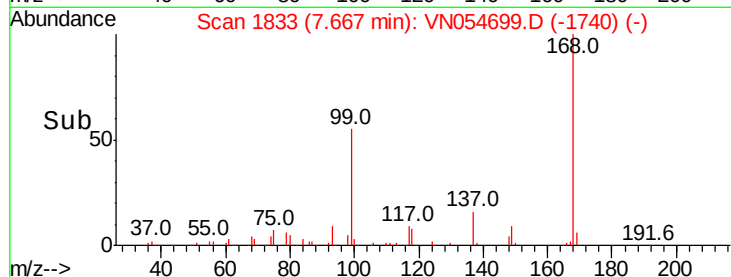
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.634 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN054699.D

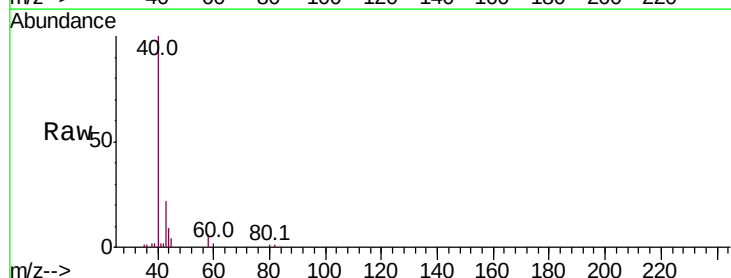
Acq: 26 Mar 2019 15:25

Tgt Ion: 43 Resp: 11457

Ion Ratio Lower Upper

43 100

58 32.9 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

5000

4000

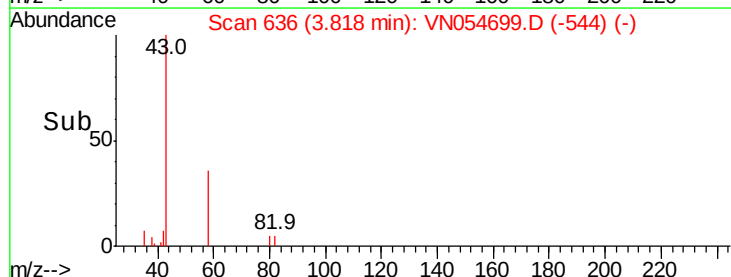
3000

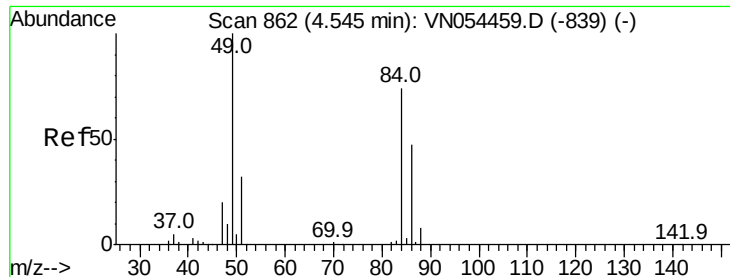
2000

1000

0

Time-->

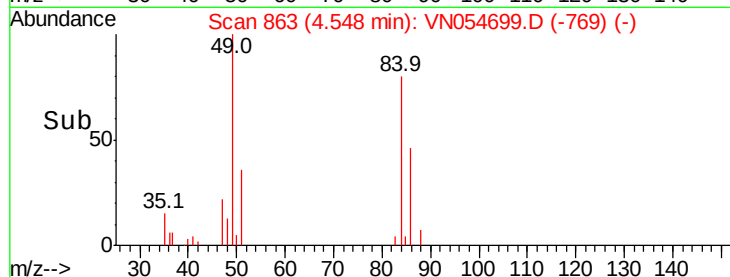
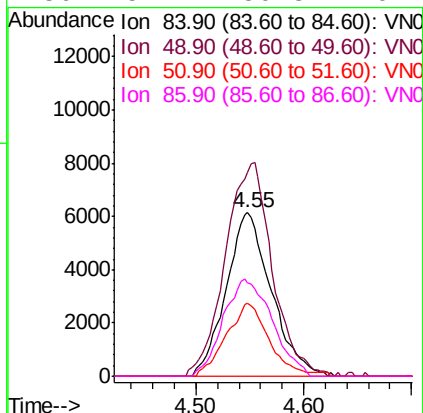
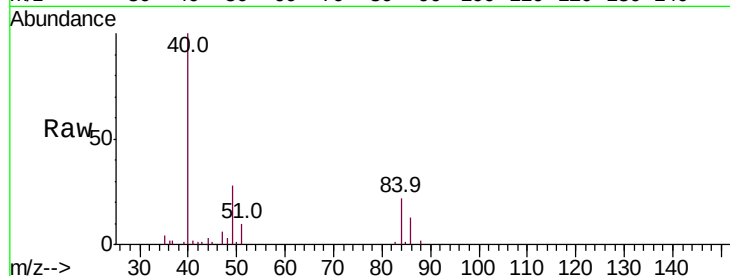




#20
Methylene Chloride
Concen: 2.982 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054699.D
Acq: 26 Mar 2019 15:25

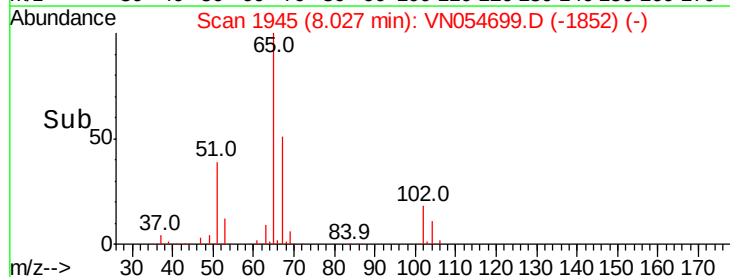
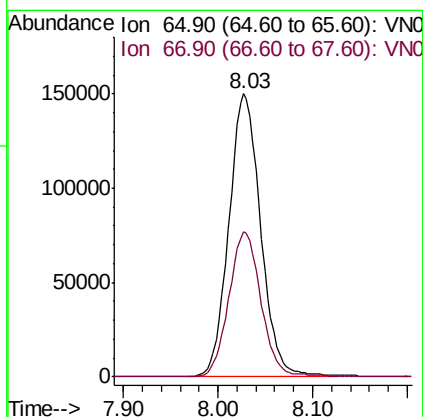
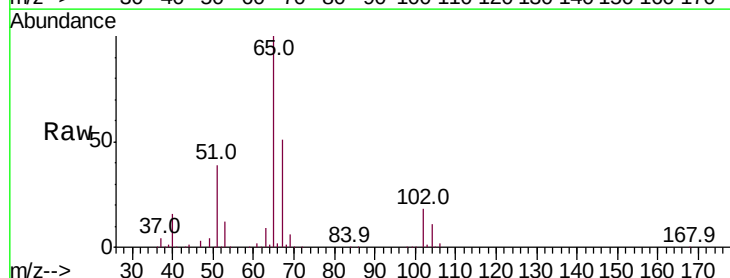
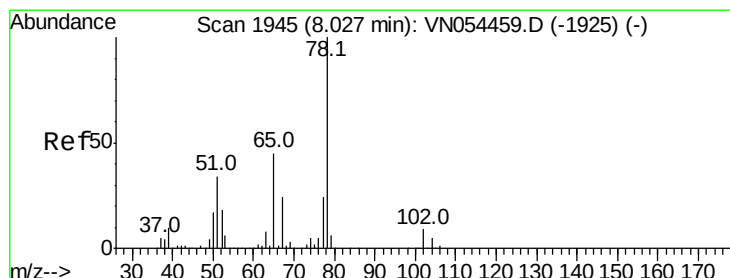
Instrument :
MSVOA_N
ClientSampleId :
S3A(10)

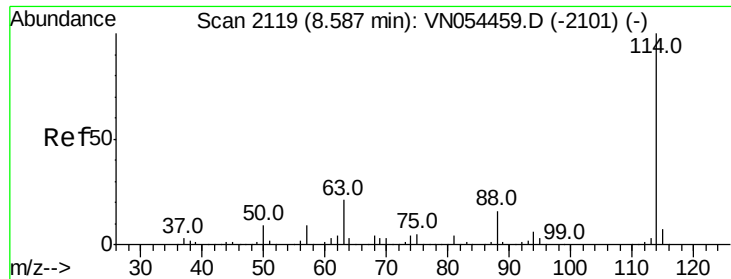
Tot Ion: 84 Resp: 17878
Ion Ratio Lower Upper
84 100
49 122.0 89.7 134.5
51 44.6 28.2 42.4#
86 57.4 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 51.787 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054699.D
Acq: 26 Mar 2019 15:25

Tgt Ion: 65 Resp: 350274
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: VN054699.D

Acq: 26 Mar 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

S3A(10)

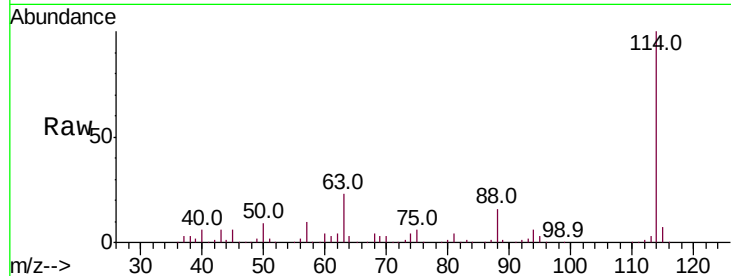
Tot Ion:114 Resp: 874890

Ion Ratio Lower Upper

114 100

63 23.0 0.0 35.2

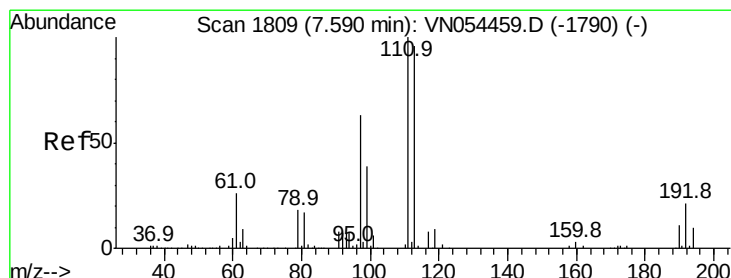
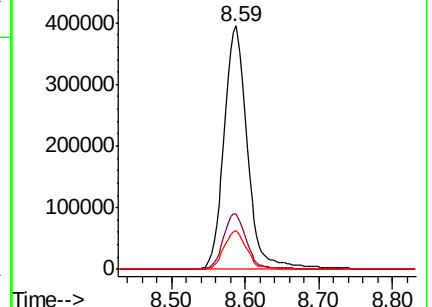
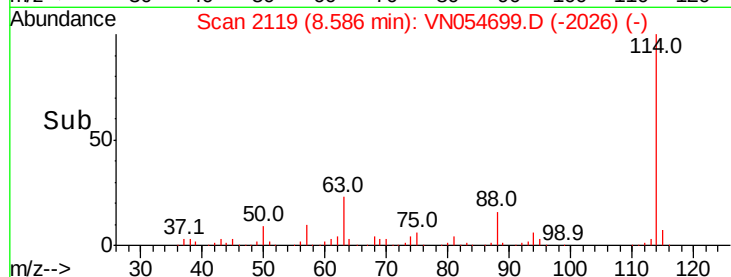
88 15.8 0.0 30.2



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: 47.754 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054699.D

Acq: 26 Mar 2019 15:25

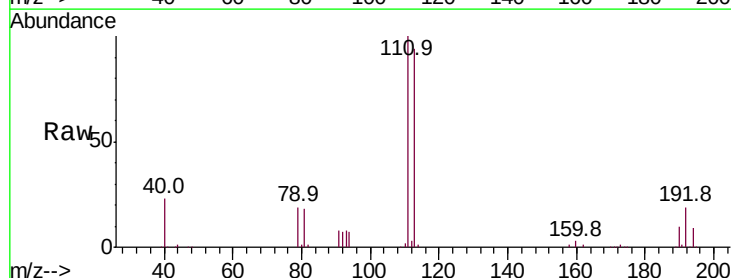
Tgt Ion:113 Resp: 269164

Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

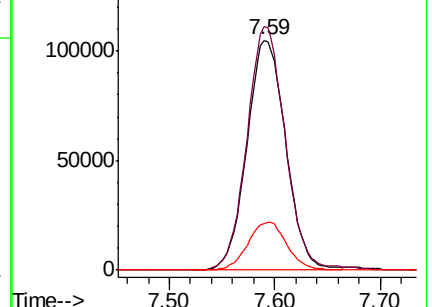
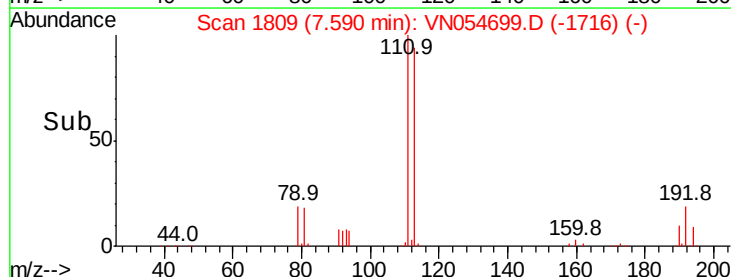
192 20.9 19.2 28.8

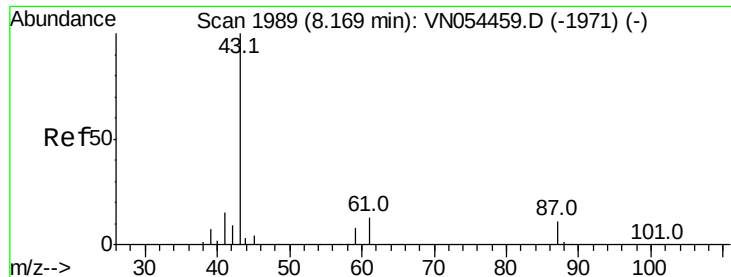


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.391 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054699.D

Acq: 26 Mar 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

S3A(10)

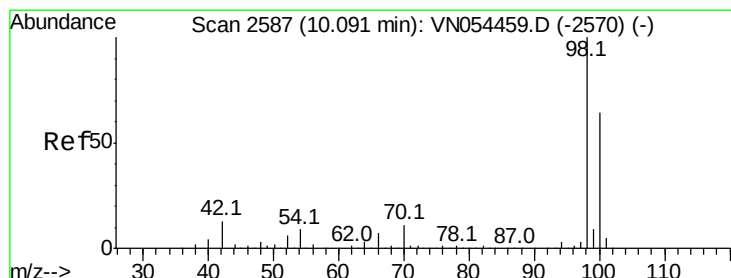
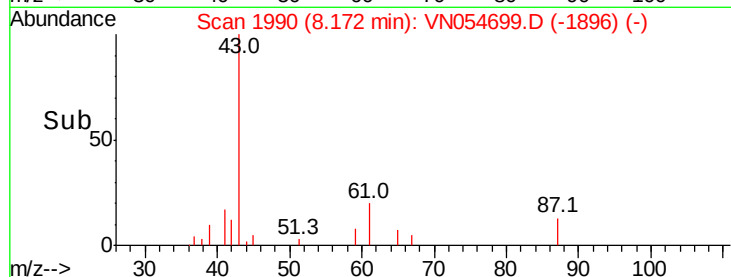
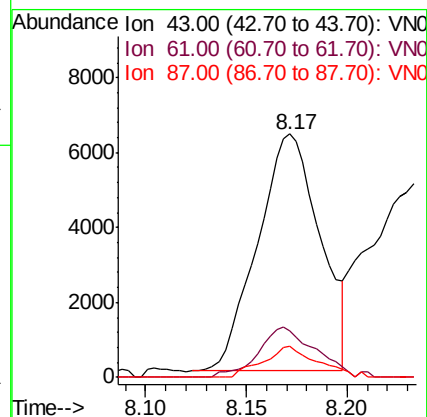
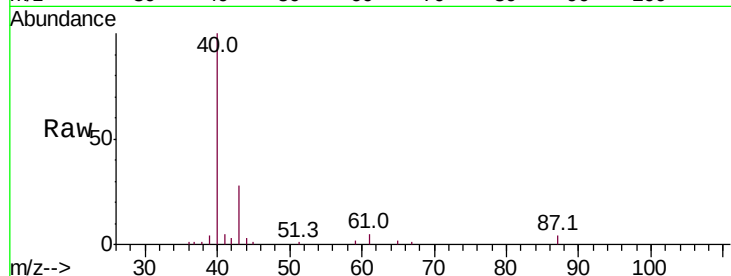
Tot Ion: 43 Resp: 13665

Ion Ratio Lower Upper

43 100

61 19.0 15.8 23.8

87 11.3 12.0 18.0#



#50

Toluene-d8

Concen: 49.709 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054699.D

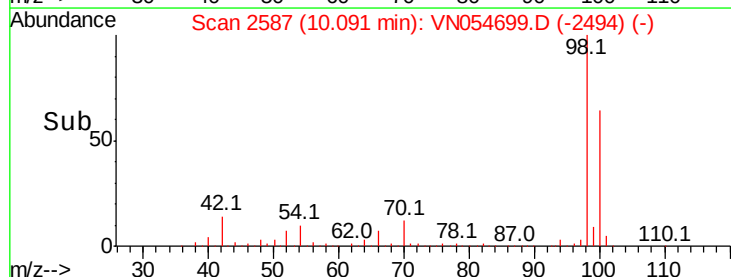
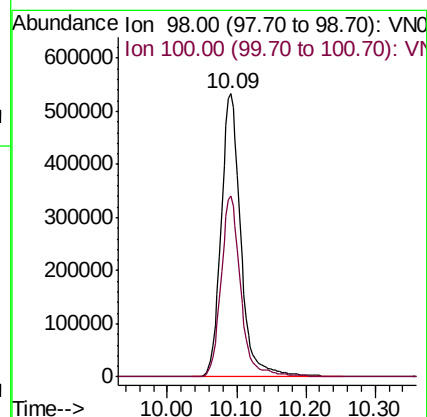
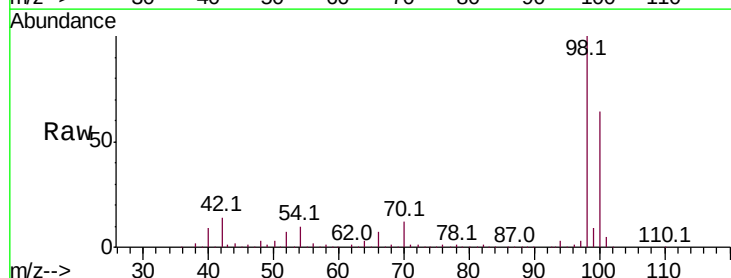
Acq: 26 Mar 2019 15:25

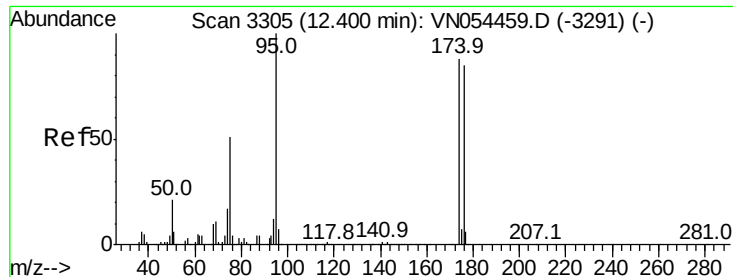
Tgt Ion: 98 Resp: 1053318

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 45.742 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054699.D

Acq: 26 Mar 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

S3A(10)

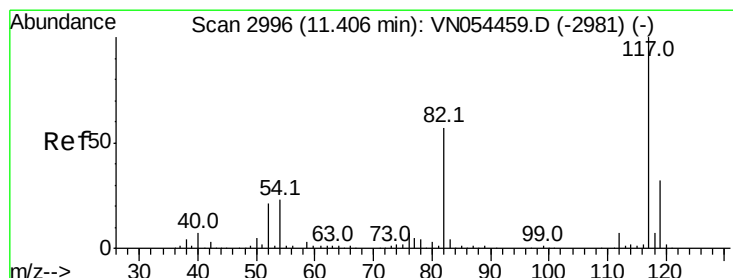
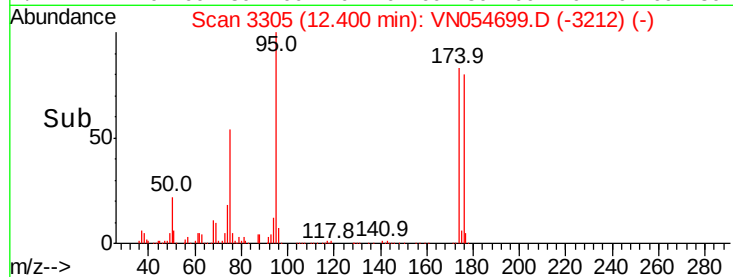
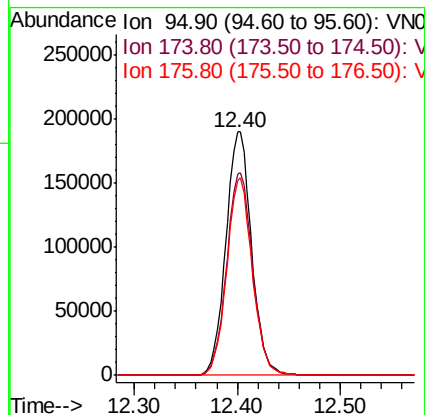
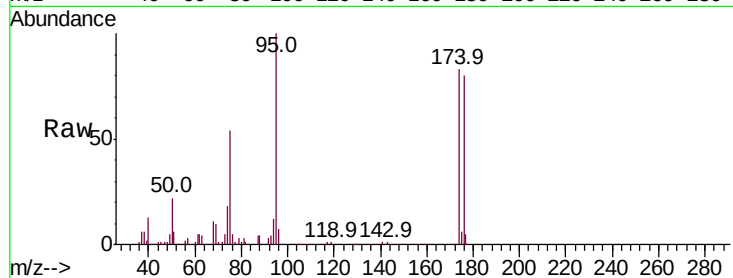
Tot Ion: 95 Resp: 329825

Ion Ratio Lower Upper

95 100

174 84.4 0.0 191.0

176 80.6 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: VN054699.D

Acq: 26 Mar 2019 15:25

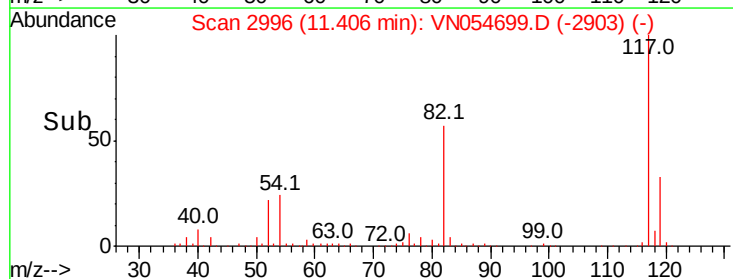
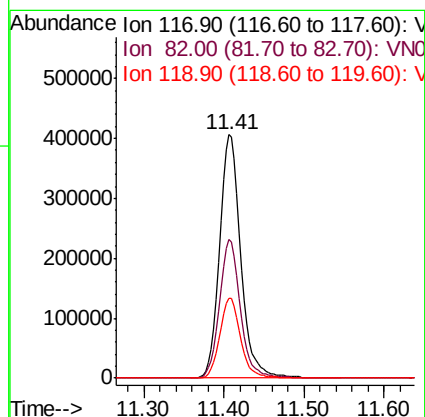
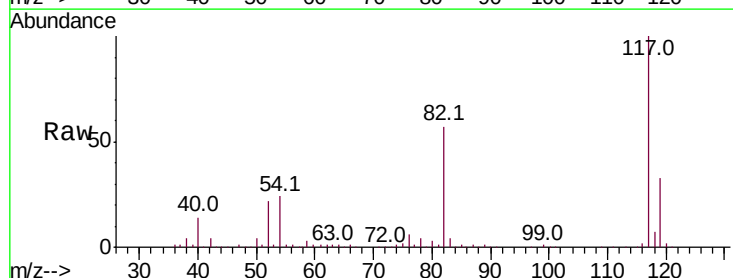
Tgt Ion: 117 Resp: 747675

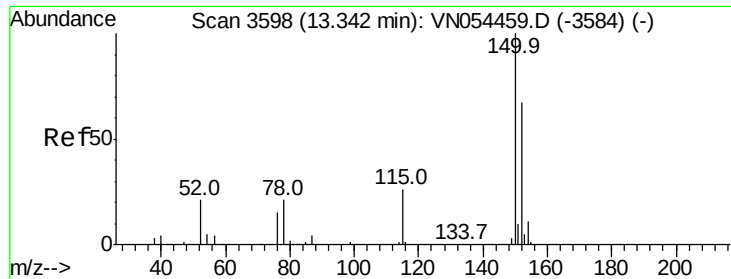
Ion Ratio Lower Upper

117 100

82 56.7 40.0 60.0

119 32.9 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: VN054699.D

Acq: 26 Mar 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

S3A(10)

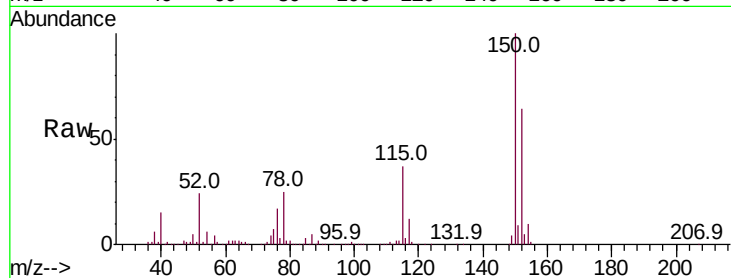
Tot Ion:152 Resp: 278741

Ion Ratio Lower Upper

152 100

115 56.8 27.2 81.6

150 156.5 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

