

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054681.D
 Acq On : 25 Mar 2019 18:57
 Operator : JC/SP
 Sample : K2058-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S3B(19)

Quant Time: Mar 26 03:51:37 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

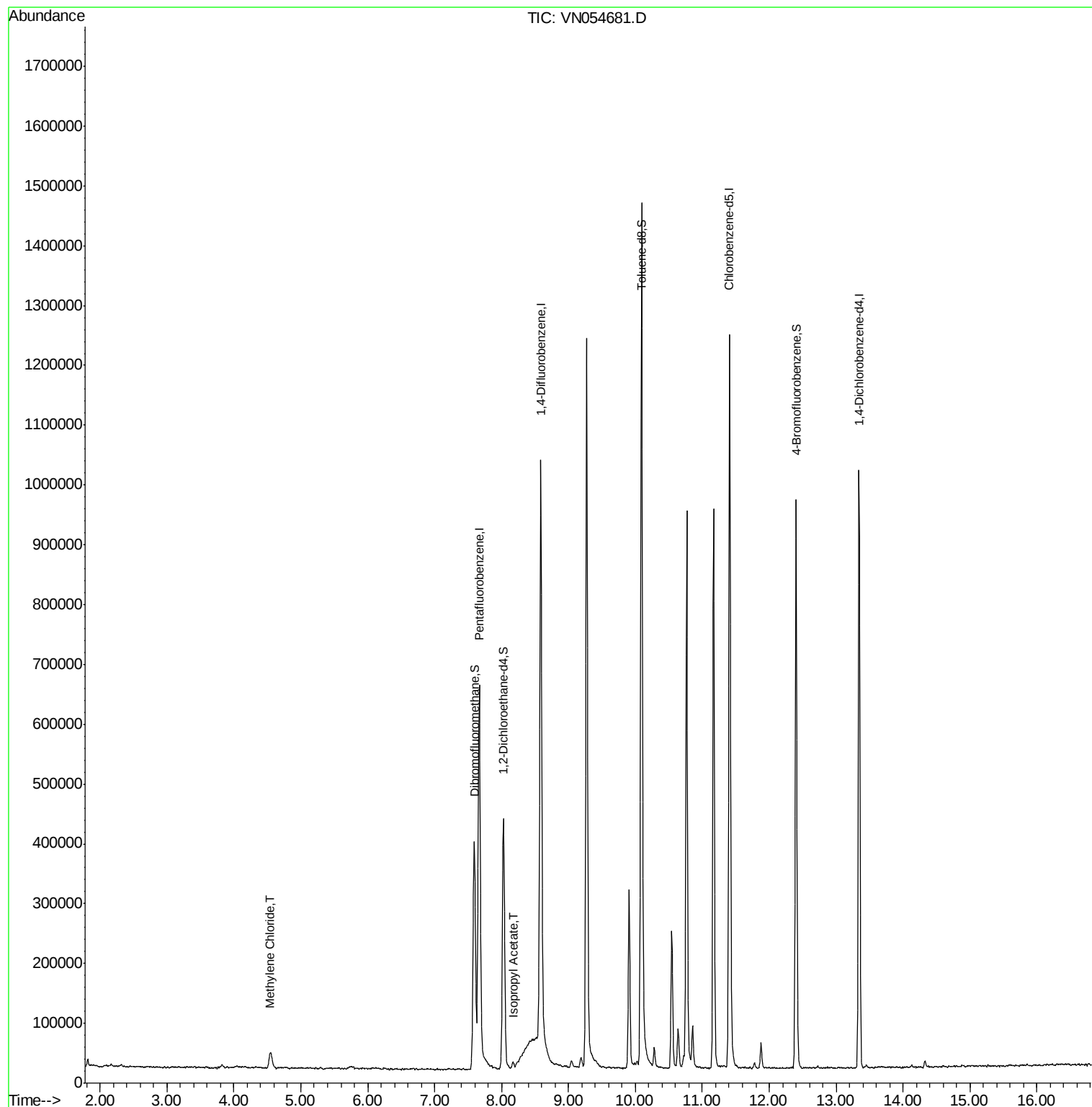
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	576535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	911084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	744329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	265350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	370745	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
35) Dibromofluoromethane	7.59	113	289717	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	10.09	98	1074068	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.40	95	323252	43.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.10%	
Target Compounds						
20) Methylene Chloride	4.55	84	17674	2.781	ug/l #	78
43) Isopropyl Acetate	8.17	43	13900	1.358	ug/l #	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032519\
Data File : VN054681.D
Acq On : 25 Mar 2019 18:57
Operator : JC/SP
Sample : K2058-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S3B(19)

Quant Time: Mar 26 03:51:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
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: VN054681.D

Acq: 25 Mar 2019 18:57

Instrument :

MSVOA_N

ClientSampleId :

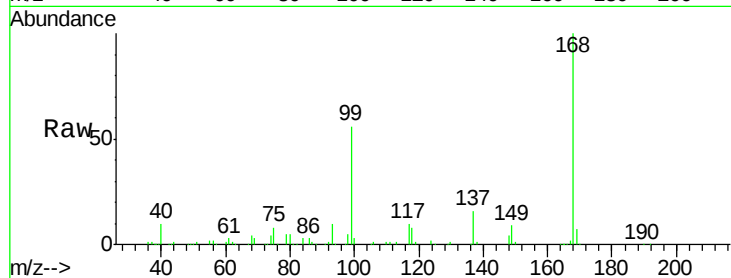
S3B(19)

Tot Ion:168 Resp: 576535

Ion Ratio Lower Upper

168 100

99 56.0 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

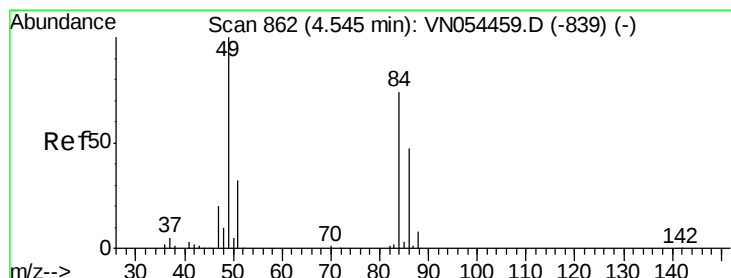
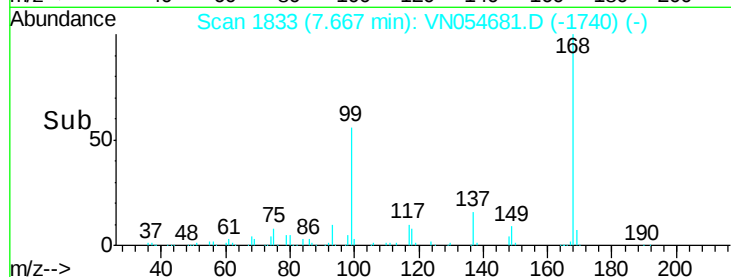
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 2.781 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN054681.D

Acq: 25 Mar 2019 18:57

Tgt Ion: 84 Resp: 17674

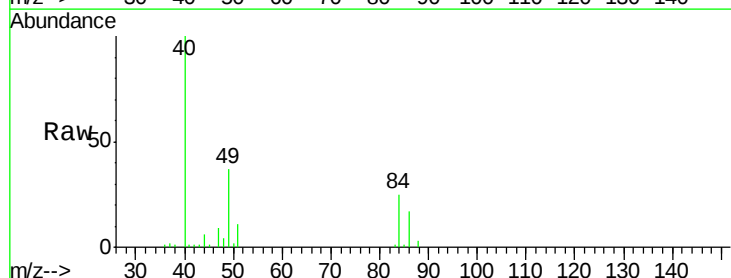
Ion Ratio Lower Upper

84 100

49 147.3 89.7 134.5#

51 45.5 28.2 42.4#

86 67.8 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

12000

10000

8000

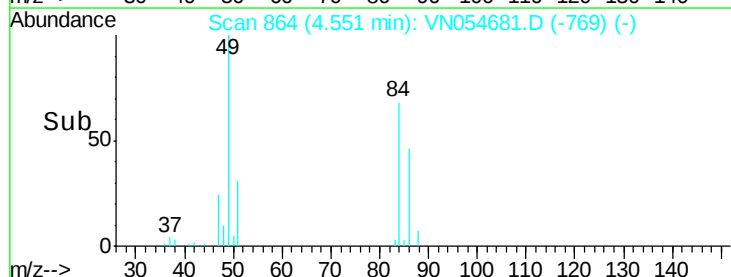
6000

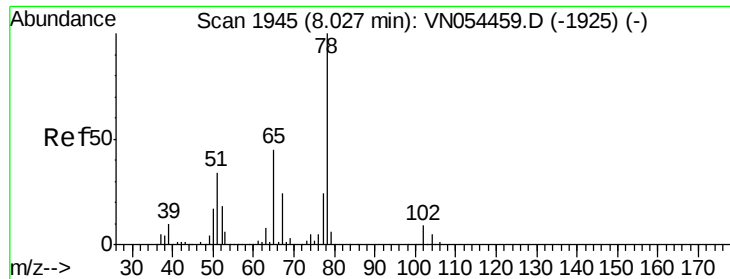
4000

2000

0

Time--> 4.45 4.50 4.55 4.60 4.65





#33

1,2-Dichloroethane-d4

Concen: 51.699 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054681.D

Acq: 25 Mar 2019 18:57

Instrument :

MSVOA_N

ClientSampleId :

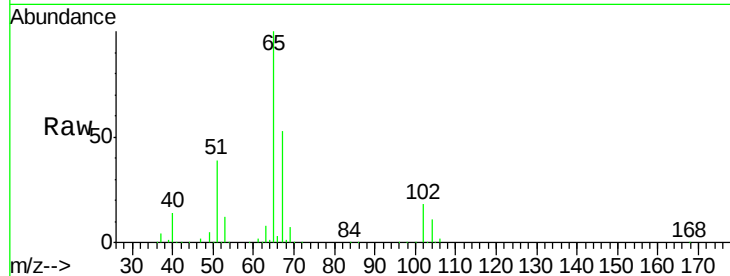
S3B(19)

Tot Ion: 65 Resp: 370745

Ion Ratio Lower Upper

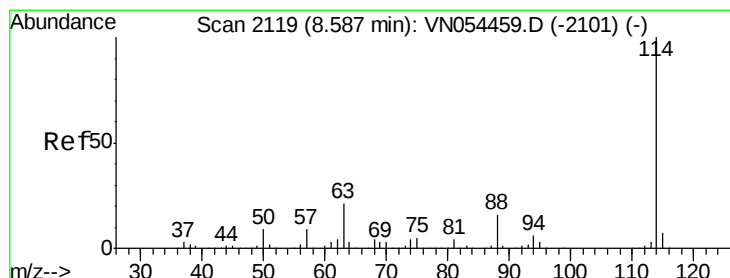
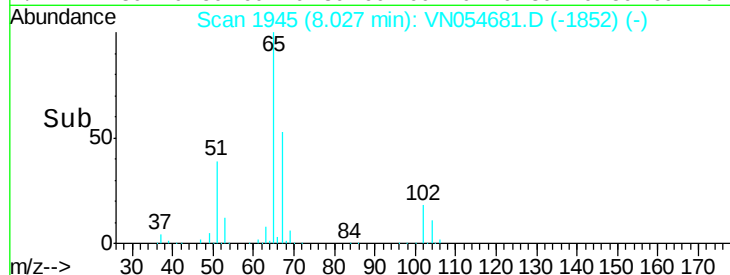
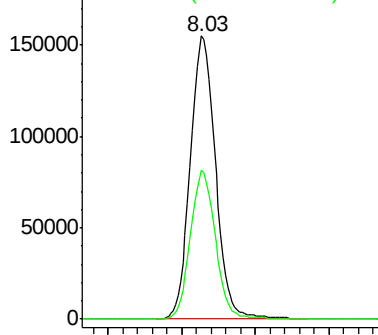
65 100

67 51.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054681.D

Acq: 25 Mar 2019 18:57

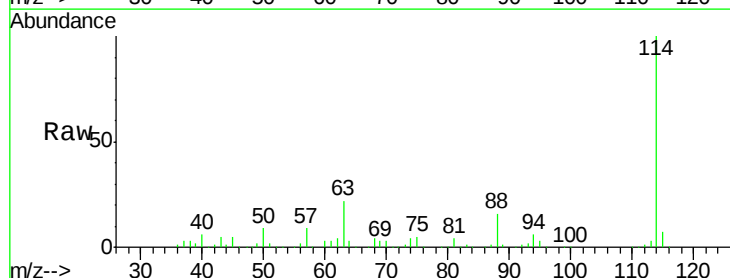
Tgt Ion: 114 Resp: 911084

Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.2

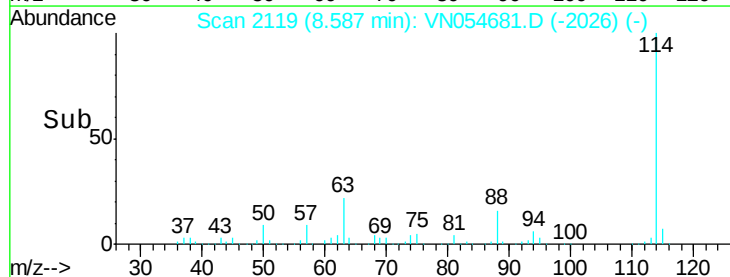
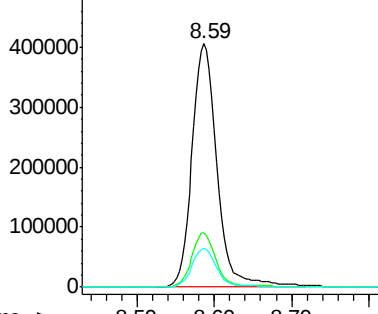
88 15.8 0.0 30.2

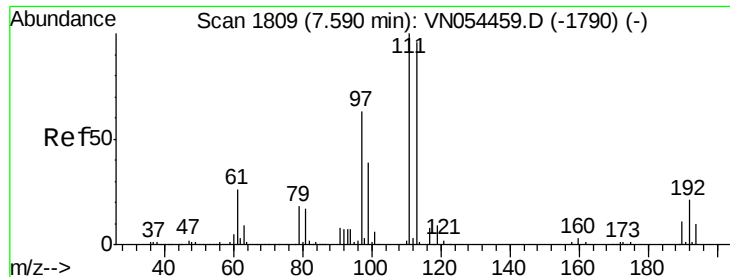


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

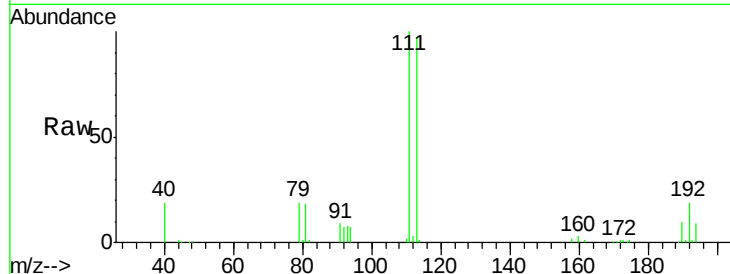




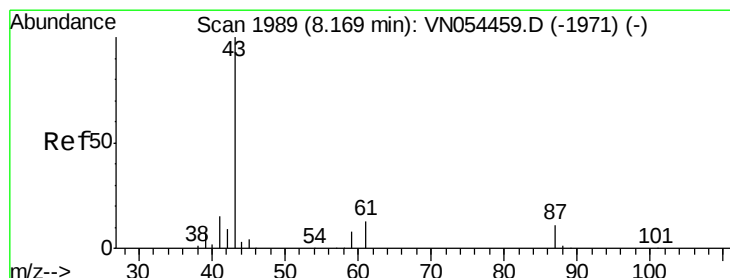
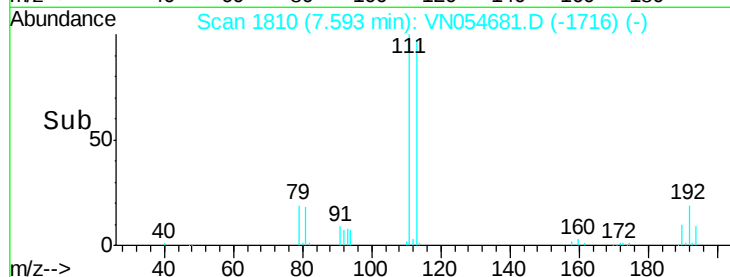
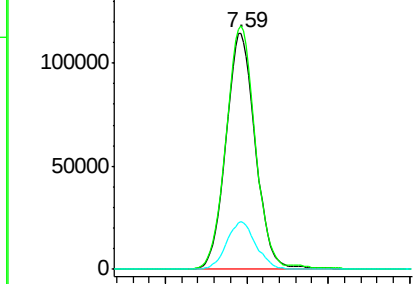
#35
 Dibromofluoromethane
 Concen: 49.359 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054681.D
 Acq: 25 Mar 2019 18:57

Instrument :
 MSVOA_N
 ClientSampleId :
 S3B(19)

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	19.9	19.2	28.8

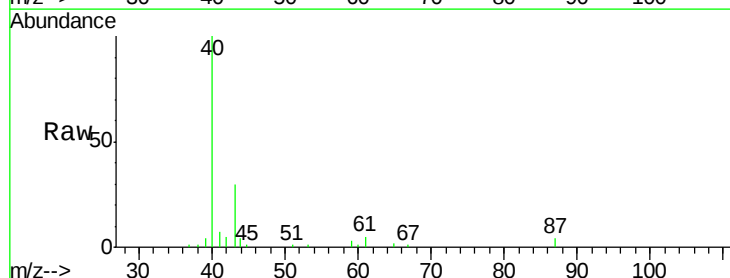


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

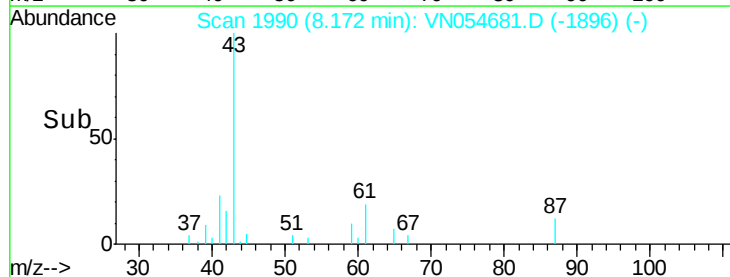
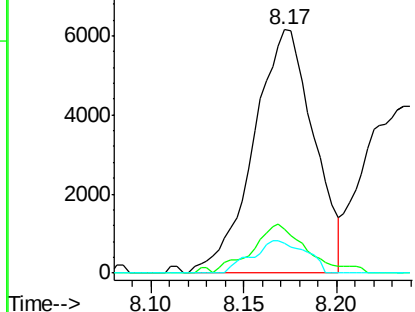


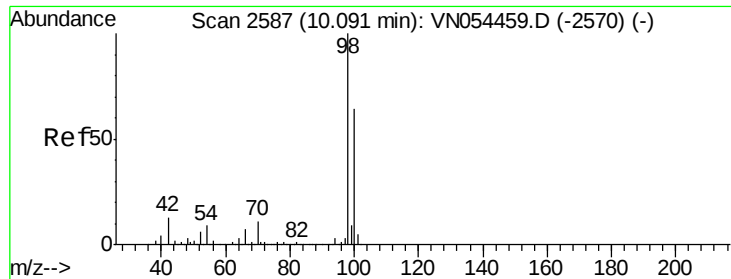
#43
 Isopropyl Acetate
 Concen: 1.358 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054681.D
 Acq: 25 Mar 2019 18:57

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.2	15.8	23.8
87	11.7	12.0	18.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.675 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054681.D

Acq: 25 Mar 2019 18:57

Instrument :

MSVOA_N

ClientSampled :

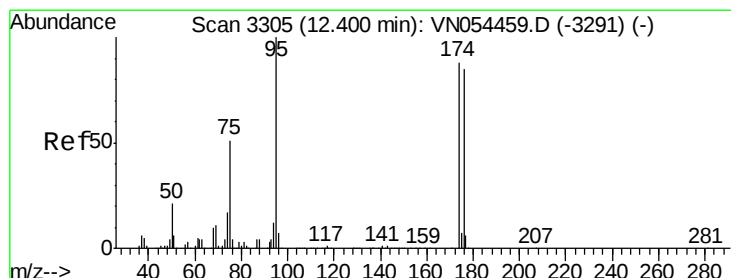
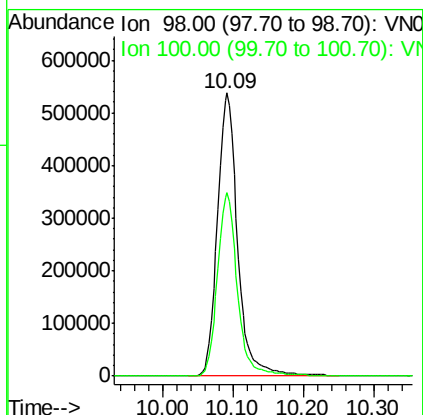
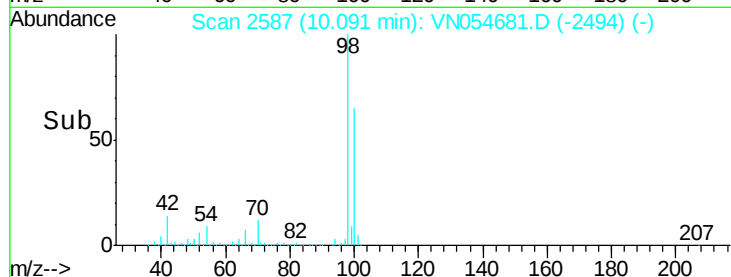
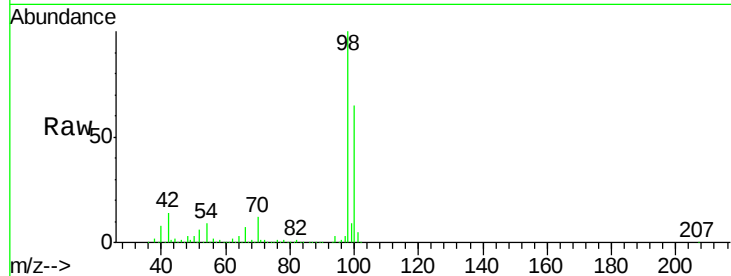
S3B(19)

Tot Ion: 98 Resp: 1074068

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 43.050 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054681.D

Acq: 25 Mar 2019 18:57

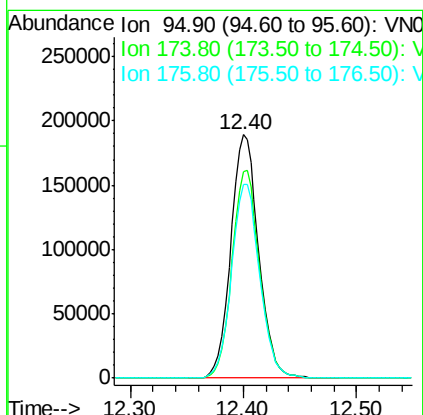
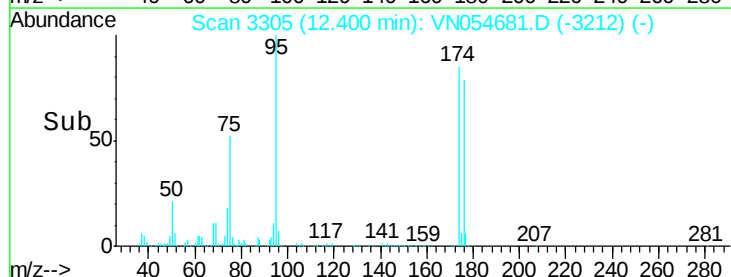
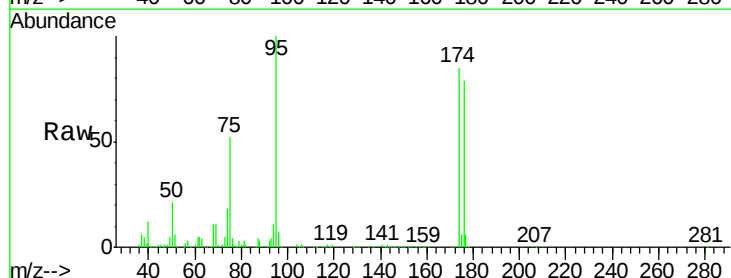
Tgt Ion: 95 Resp: 323252

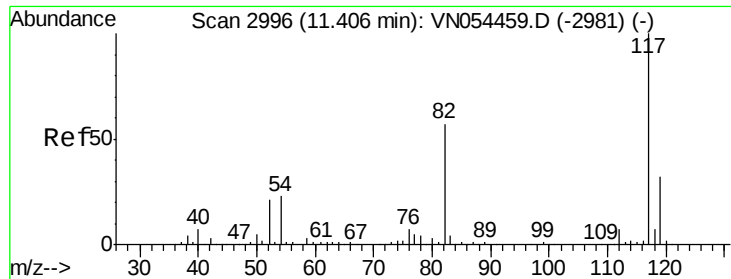
Ion Ratio Lower Upper

95 100

174 84.8 0.0 191.0

176 80.5 0.0 187.4

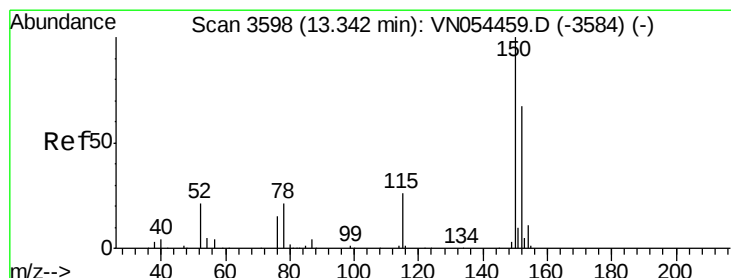
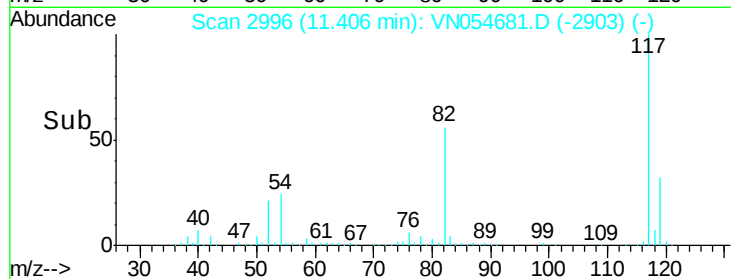
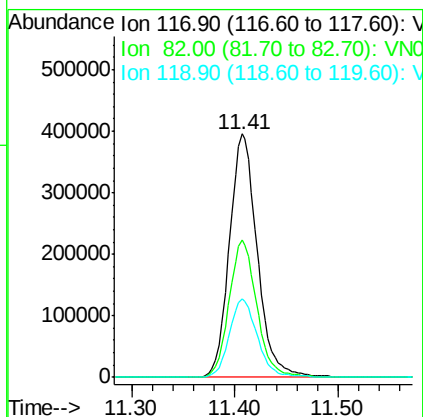
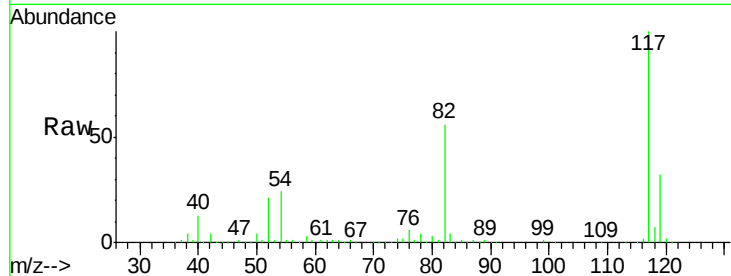




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054681.D
Acq: 25 Mar 2019 18:57

Instrument :
MSVOA_N
ClientSampleId :
S3B(19)

Tot Ion:117 Resp: 744329
Ion Ratio Lower Upper
117 100
82 56.4 40.0 60.0
119 32.0 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: VN054681.D
Acq: 25 Mar 2019 18:57

Tgt Ion:152 Resp: 265350
Ion Ratio Lower Upper
152 100
115 58.0 27.2 81.6
150 158.6 0.0 349.2

