

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055162.D
 Acq On : 20 Apr 2019 1:28
 Operator : JC/SP
 Sample : K2203-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-041819-B

Quant Time: Apr 20 05:32:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

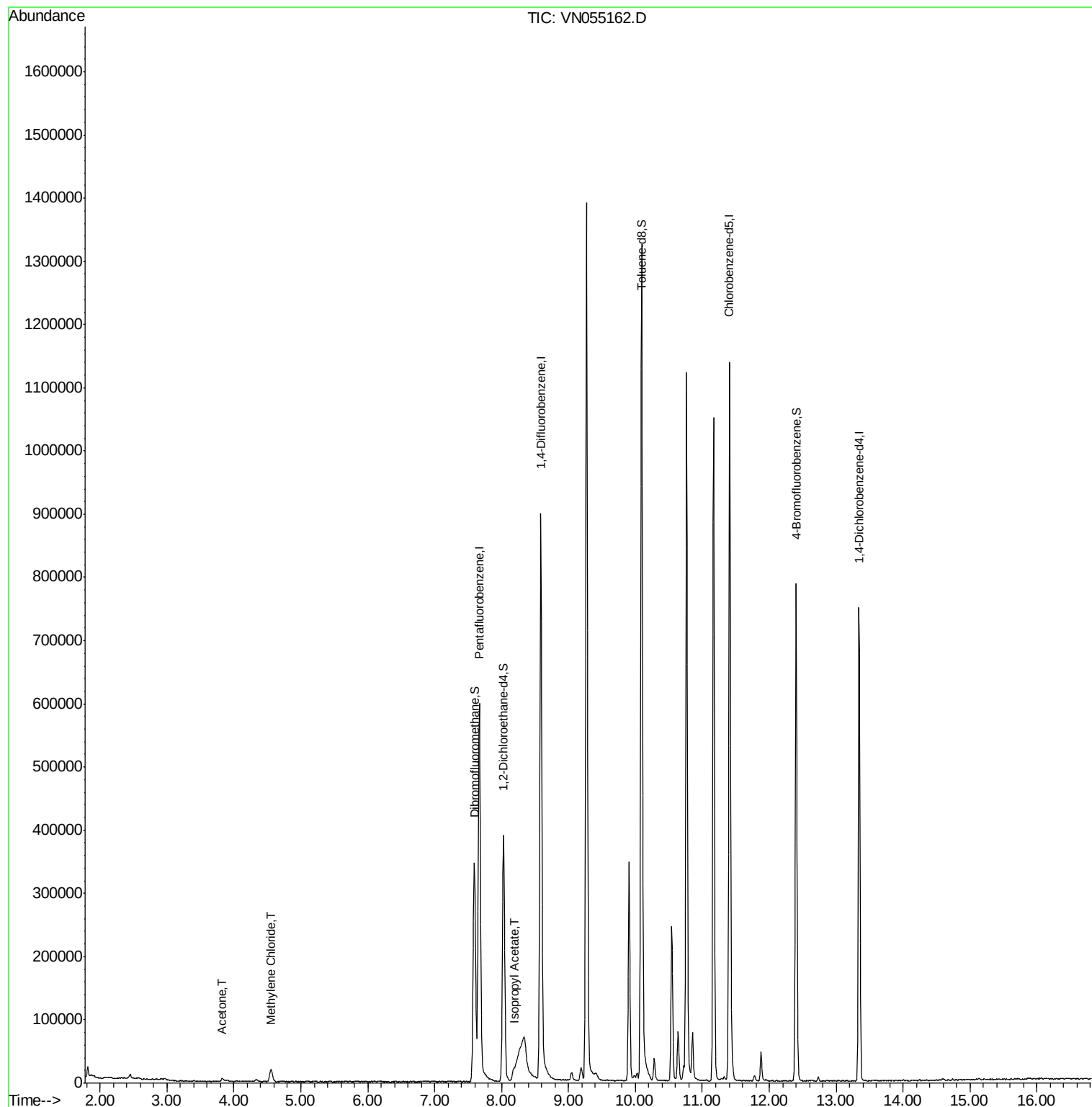
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	512507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	834189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	676596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	202349	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	332971	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
35) Dibromofluoromethane	7.59	113	267383	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
50) Toluene-d8	10.09	98	972600	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.40	95	277219	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.48%	
Target Compounds						
16) Acetone	3.82	43	8693	4.701	ug/l #	82
20) Methylene Chloride	4.55	84	12943	1.991	ug/l #	95
43) Isopropyl Acetate	8.17	43	22159	2.246	ug/l	94

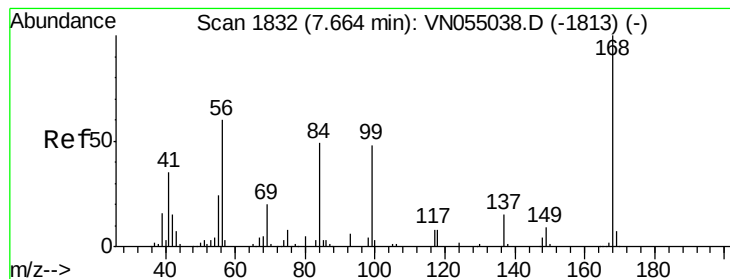
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 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: VN055162.D

Acq: 20 Apr 2019 1:28

Instrument :

MSVOA_N

ClientSampleId :

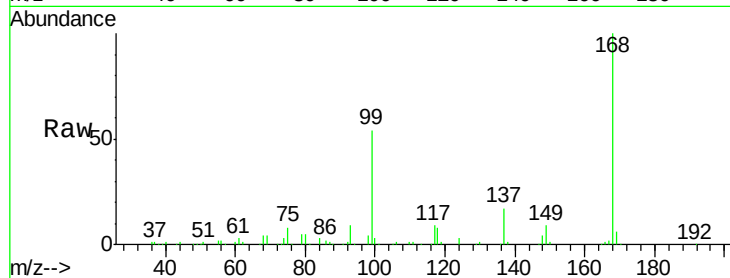
SU-02-041819-B

Tot Ion:168 Resp: 512507

Ion Ratio Lower Upper

168 100

99 53.8 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055162.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055162.D (-1739) (-)

7.67

250000

200000

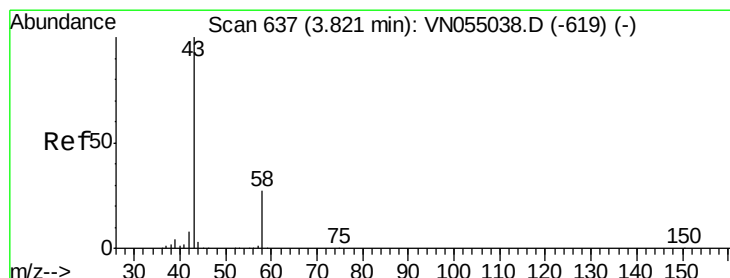
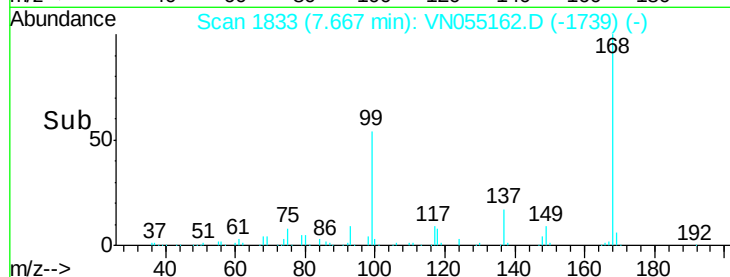
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 4.701 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN055162.D

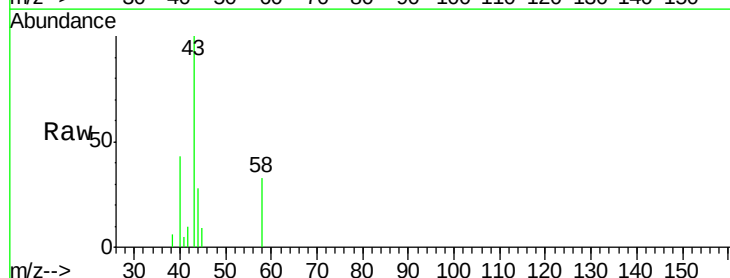
Acq: 20 Apr 2019 1:28

Tgt Ion: 43 Resp: 8693

Ion Ratio Lower Upper

43 100

58 35.4 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VN055162.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN055162.D (-544) (-)

3.82

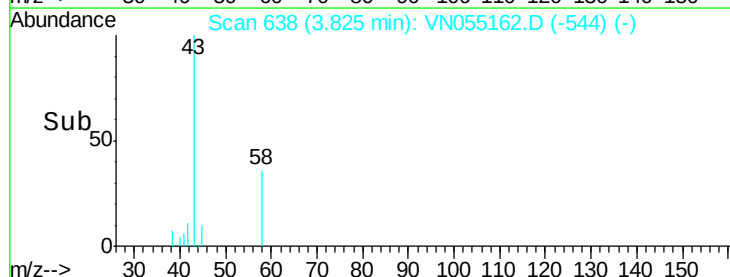
3000

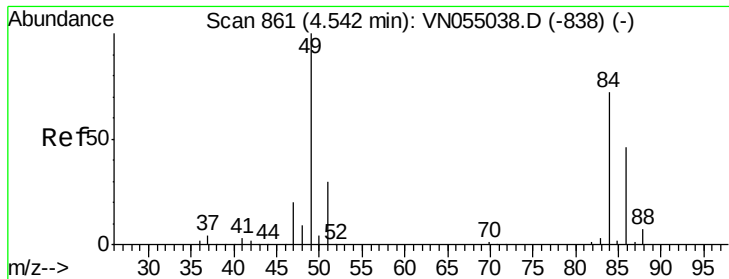
2000

1000

0

Time--> 3.75 3.80 3.85 3.90

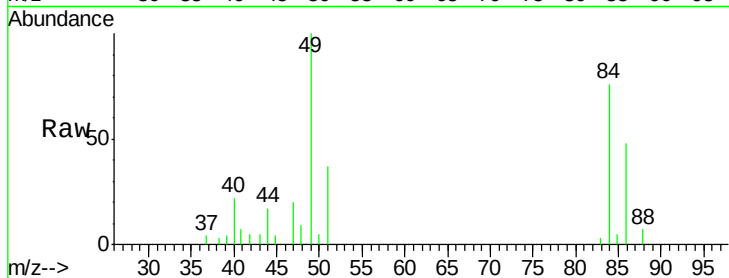




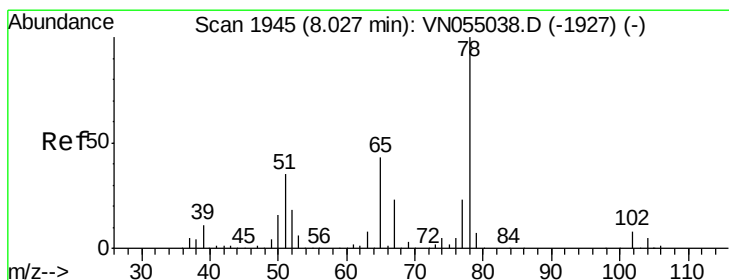
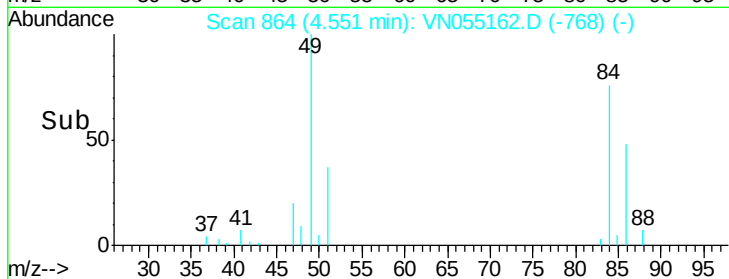
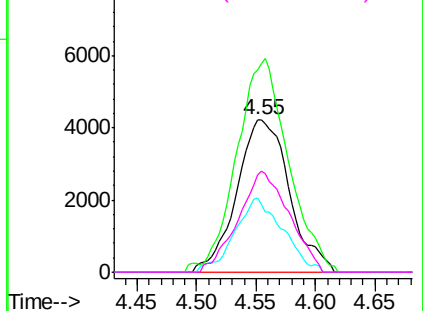
#20
Methylene Chloride
Concen: 1.991 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN055162.D
Acq: 20 Apr 2019 1:28

Instrument :
MSVOA_N
ClientSampled :
SU-02-041819-B

Tot Ion: 84 Resp: 12943
Ion Ratio Lower Upper
84 100
49 132.0 109.4 164.2
51 48.6 32.2 48.4#
86 63.3 49.3 73.9

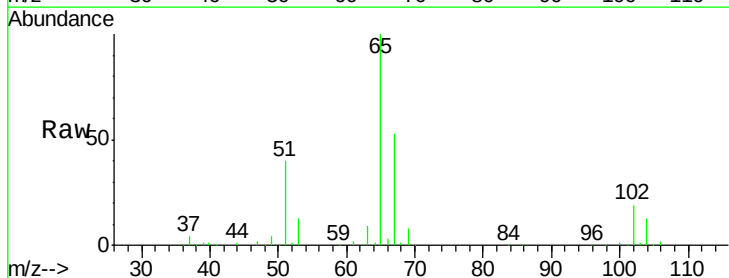


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

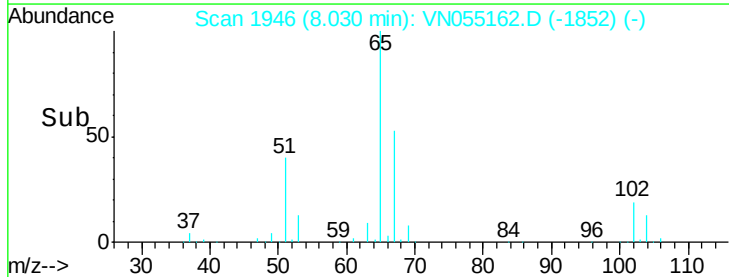
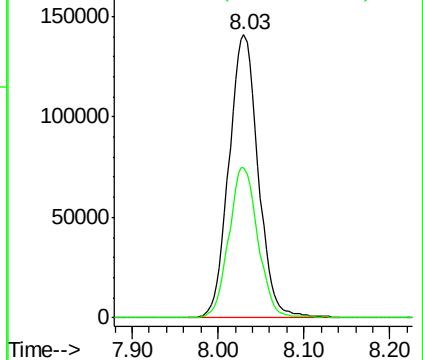


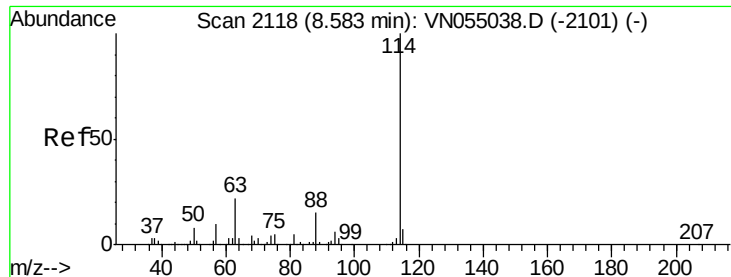
#33
1,2-Dichloroethane-d4
Concen: 48.877 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055162.D
Acq: 20 Apr 2019 1:28

Tgt Ion: 65 Resp: 332971
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.4



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

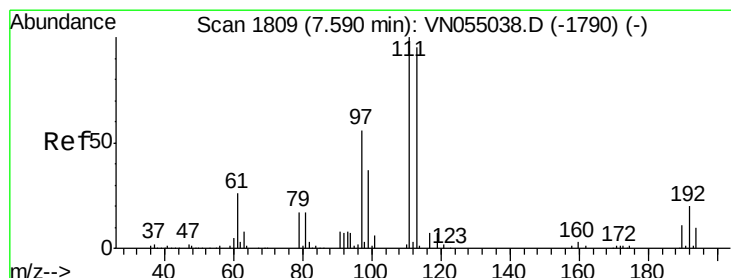
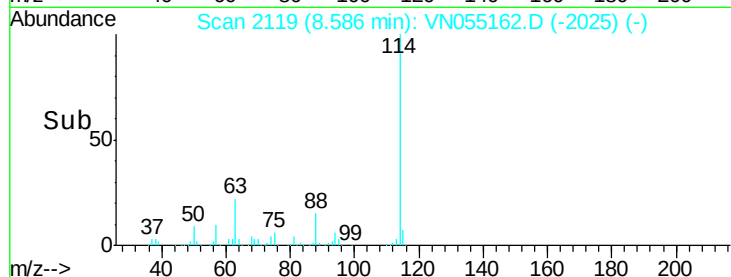
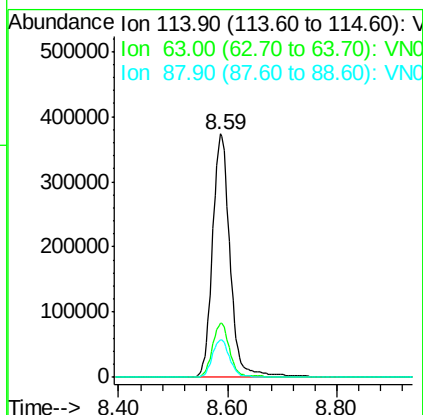
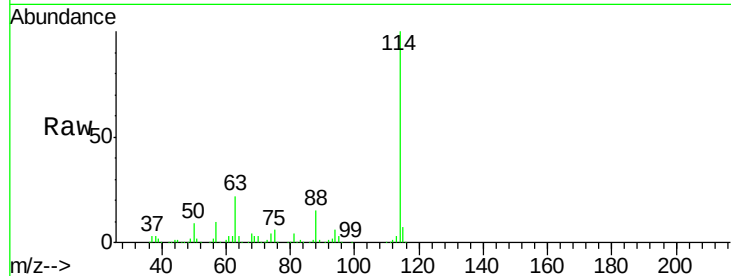




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055162.D
 Acq: 20 Apr 2019 1:28

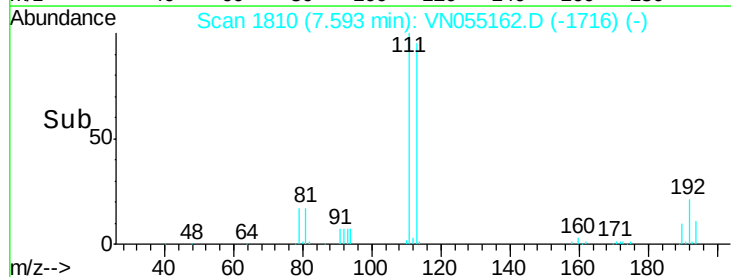
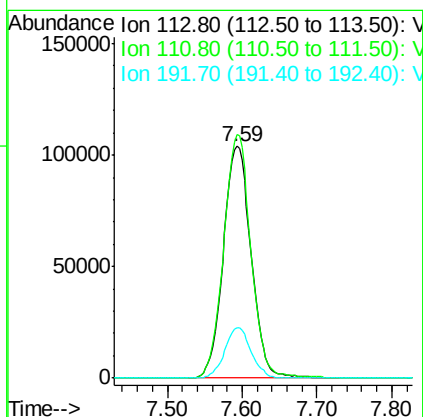
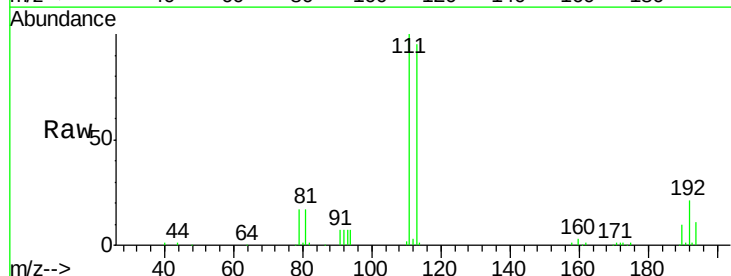
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-041819-B

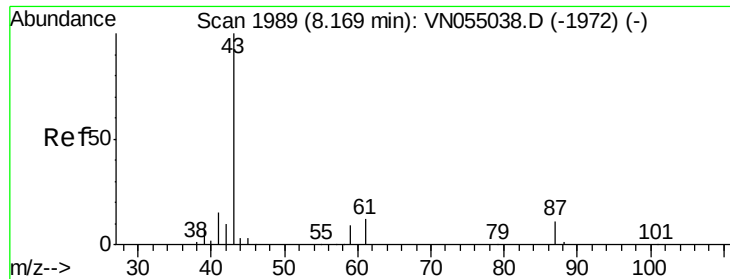
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	45.2
88	15.5	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 47.962 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055162.D
 Acq: 20 Apr 2019 1:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.1	123.1
192	20.7	16.5	24.7





#43

Isopropyl Acetate

Concen: 2.246 ug/l

RT: 8.17 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN055162.D

Acq: 20 Apr 2019 1:28

Instrument :

MSVOA_N

ClientSampleId :

SU-02-041819-B

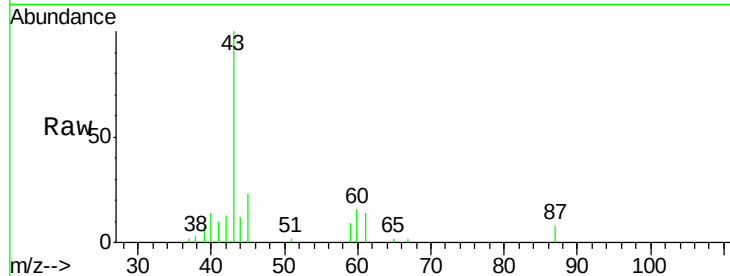
Tot Ion: 43 Resp: 22159

Ion Ratio Lower Upper

43 100

61 14.8 14.3 21.5

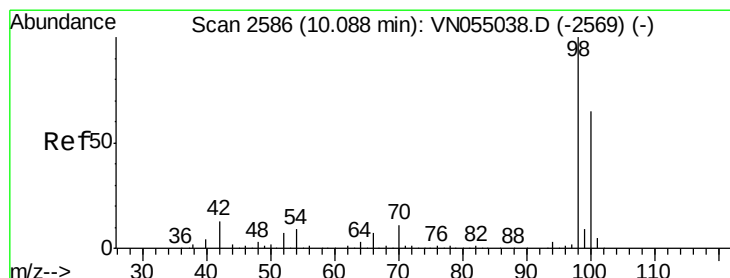
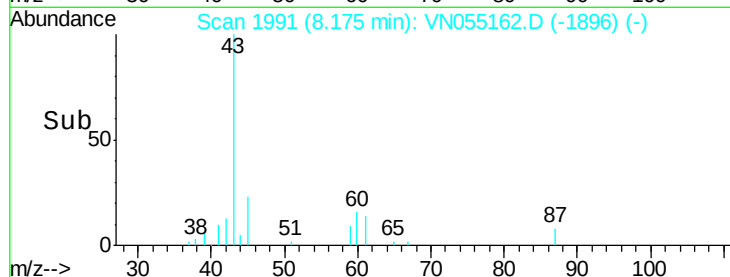
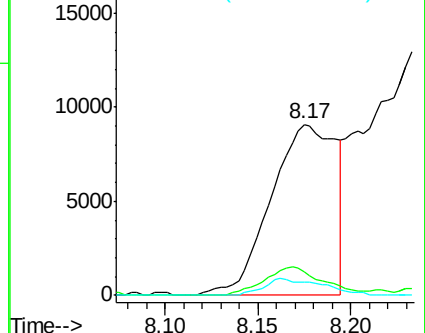
87 8.9 8.6 13.0



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: 48.744 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055162.D

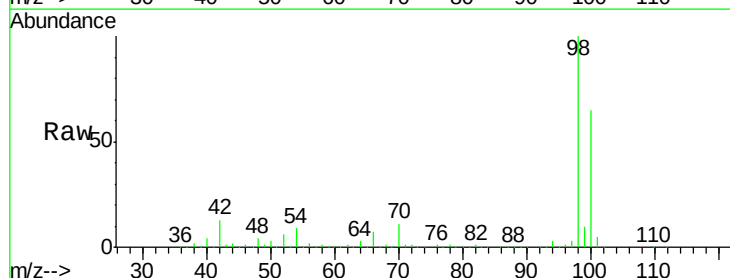
Acq: 20 Apr 2019 1:28

Tgt Ion: 98 Resp: 972600

Ion Ratio Lower Upper

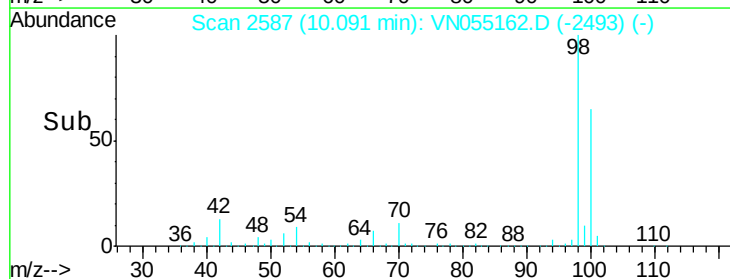
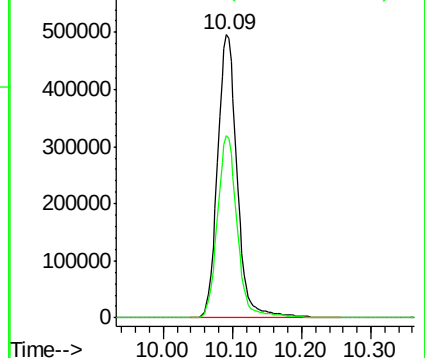
98 100

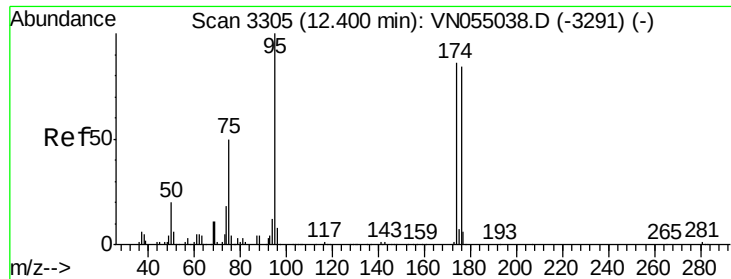
100 64.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 42.736 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055162.D

Acq: 20 Apr 2019 1:28

Instrument :

MSVOA_N

ClientSampleId :

SU-02-041819-B

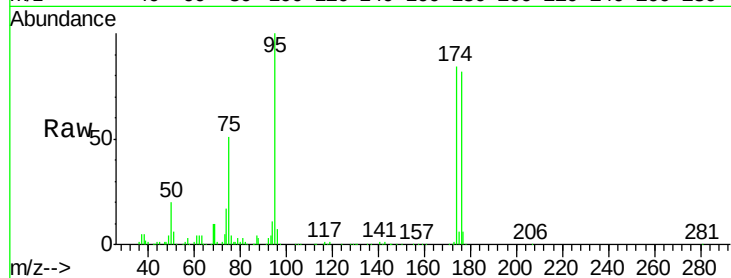
Tot Ion: 95 Resp: 277219

Ion Ratio Lower Upper

95 100

174 84.1 0.0 174.4

176 81.3 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055038.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055038.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055038.D (-3291) (-)

12.40

200000

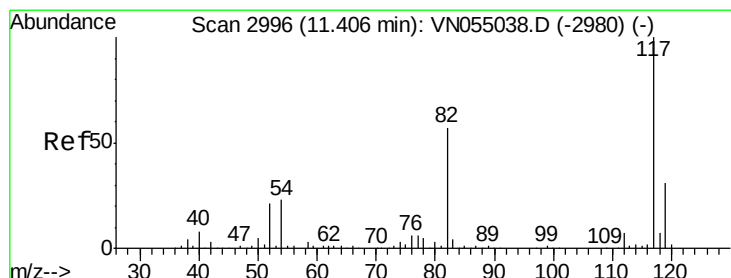
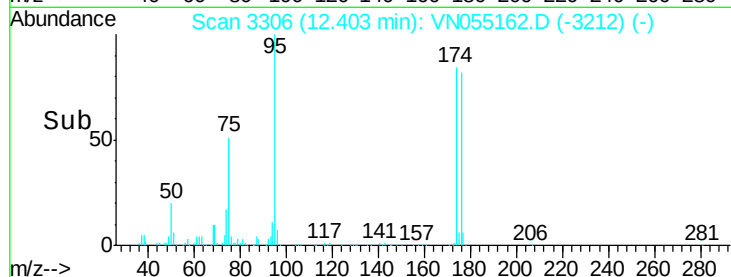
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055162.D

Acq: 20 Apr 2019 1:28

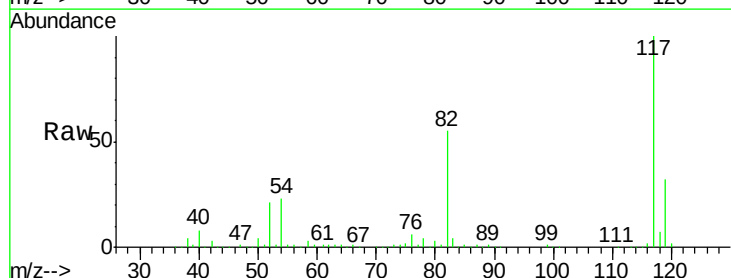
Tgt Ion: 117 Resp: 676596

Ion Ratio Lower Upper

117 100

82 55.4 44.6 66.8

119 31.6 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN055038.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055038.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055038.D (-2980) (-)

11.41

500000

400000

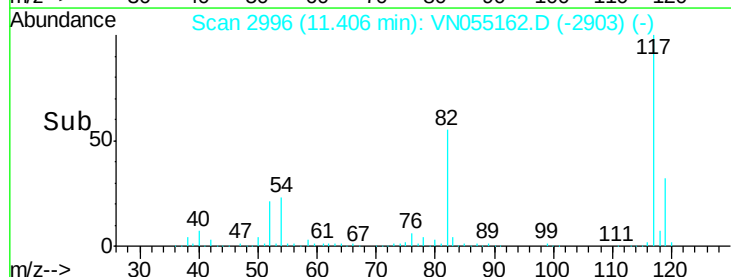
300000

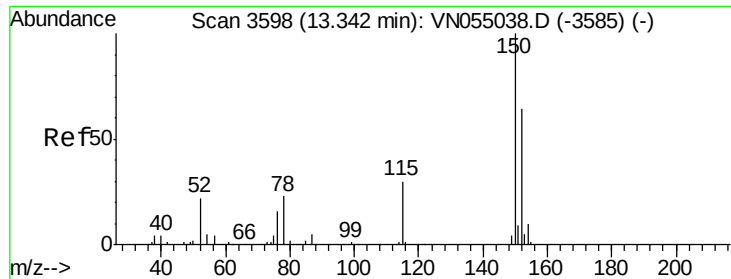
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055162.D

Acq: 20 Apr 2019 1:28

Instrument :

MSVOA_N

ClientSampleId :

SU-02-041819-B

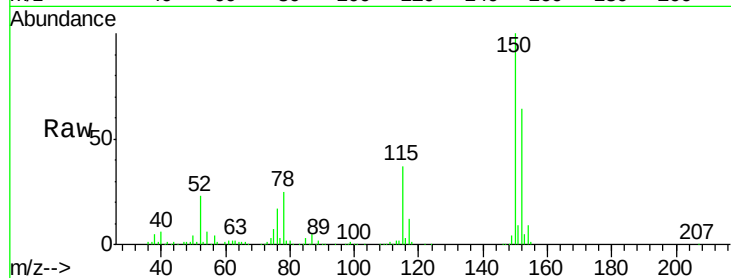
Tot Ion:152 Resp: 202349

Ion Ratio Lower Upper

152 100

115 57.0 28.5 85.6

150 156.7 0.0 347.2



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

