

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055150.D
 Acq On : 19 Apr 2019 20:21
 Operator : JC/SP
 Sample : K2201-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-041819-D

Quant Time: Apr 20 04:56:05 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

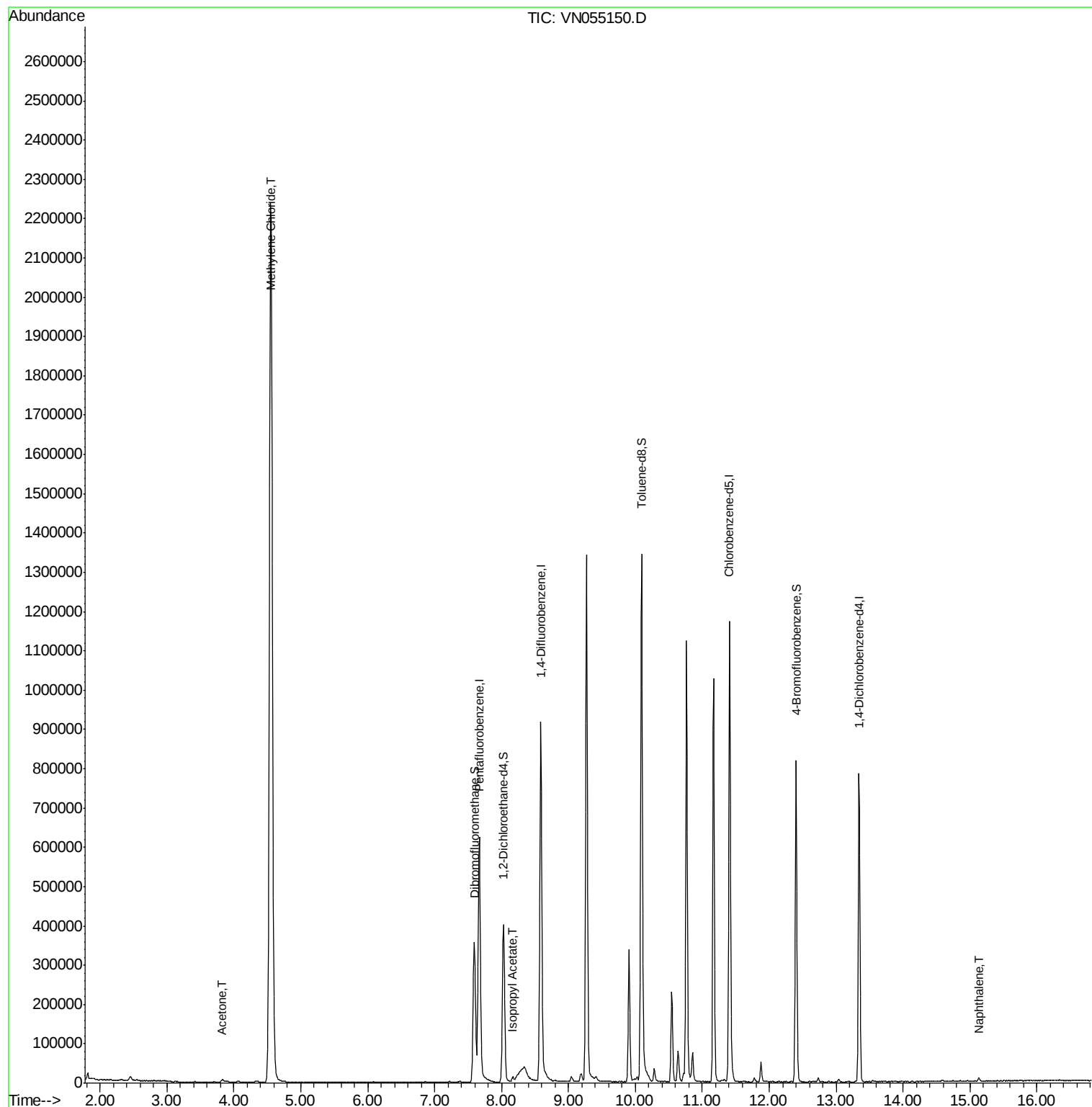
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	535408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	846038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	689393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	212486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	345044	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
35) Dibromofluoromethane	7.59	113	276361	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
50) Toluene-d8	10.09	98	998512	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.40	95	282002	42.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.72%	
Target Compounds						
16) Acetone	3.83	43	11010	5.700	ug/l	94
20) Methylene Chloride	4.55	84	1601287	235.816	ug/l	97
43) Isopropyl Acetate	8.17	43	15585	1.558	ug/l #	95
95) Naphthalene	15.14	128	5955	3.813	ug/l	96

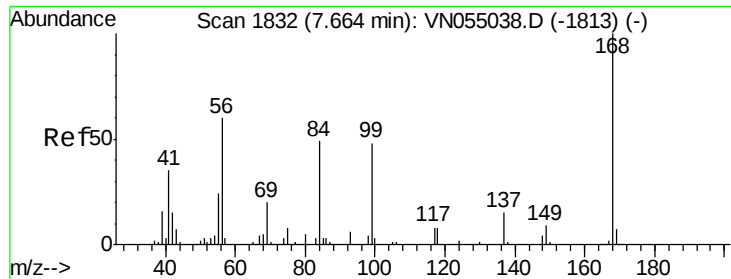
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055150.D

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Instrument :

MSVOA_N

ClientSampleId :

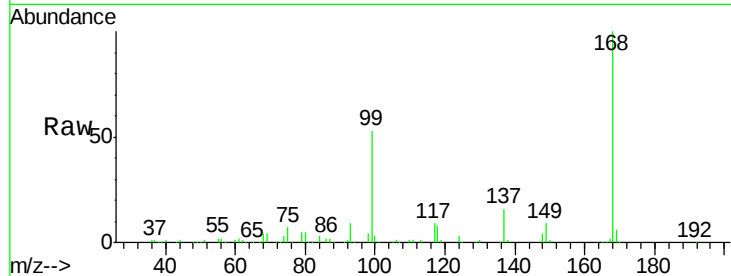
PL-01-041819-D

Tot Ion:168 Resp: 535408

Ion Ratio Lower Upper

168 100

99 53.0 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

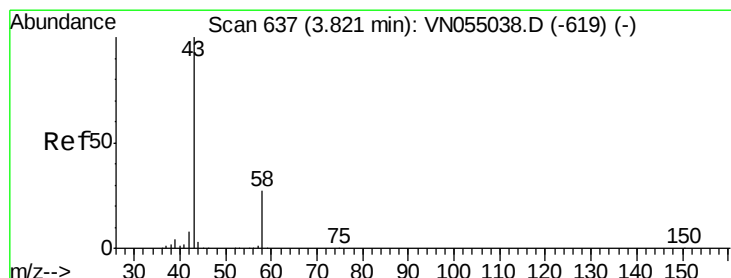
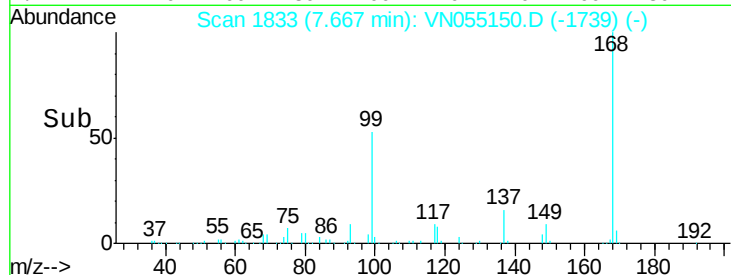
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.700 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN055150.D

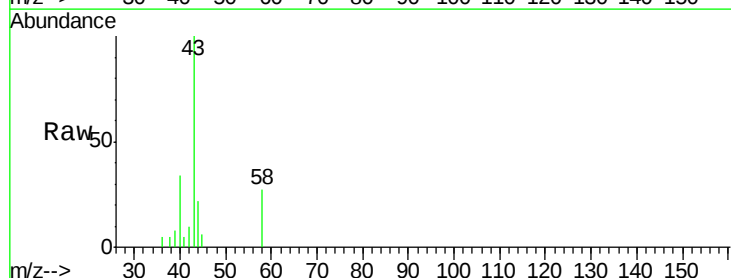
Acq: 19 Apr 2019 20:21

Tgt Ion: 43 Resp: 11010

Ion Ratio Lower Upper

43 100

58 29.0 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

4000

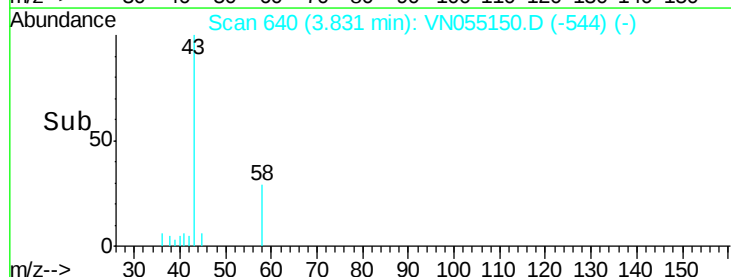
3000

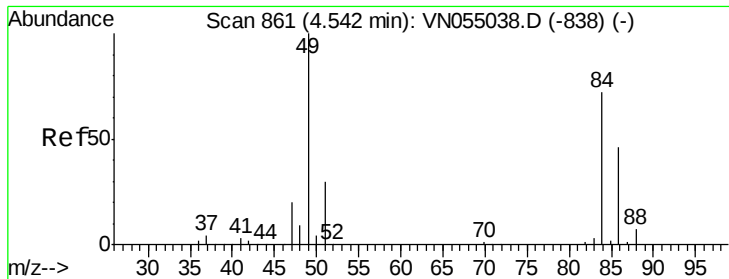
2000

1000

0

Time-->



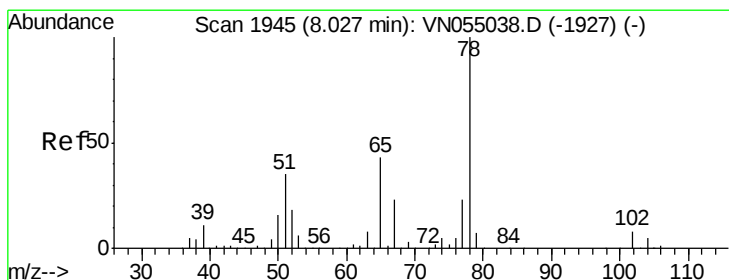
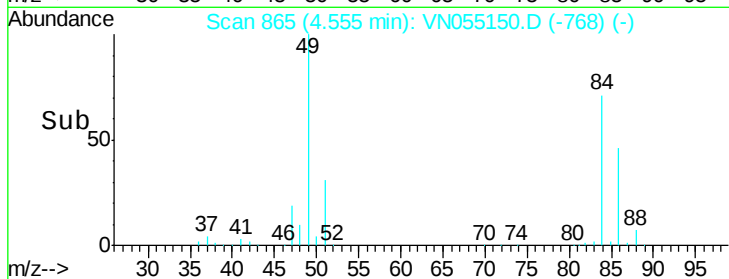
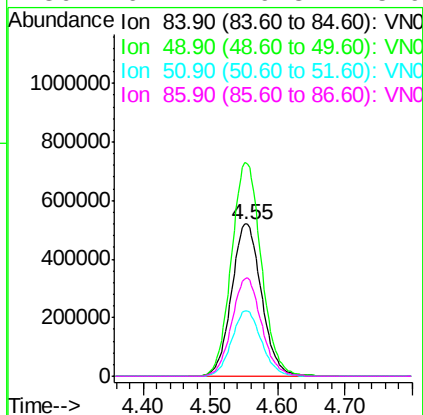
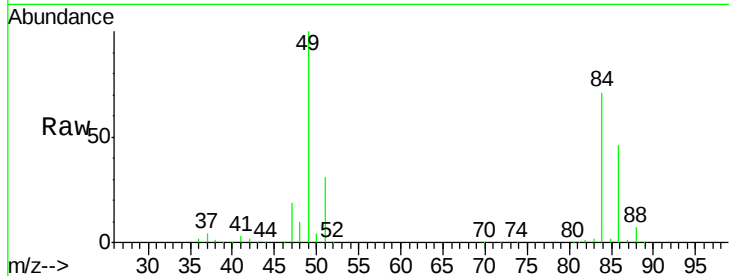


#20
Methvlene Chloride
Concen: 235.816 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN055150.D
Acq: 19 Apr 2019 20:21

Instrument :
MSVOA_N
ClientSampleId :
PL-01-041819-D

Tot Ion: 84 Resp: 1601287

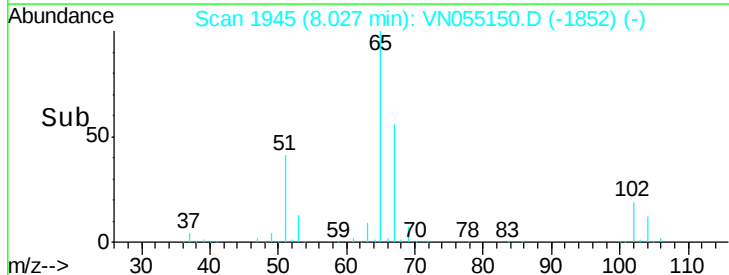
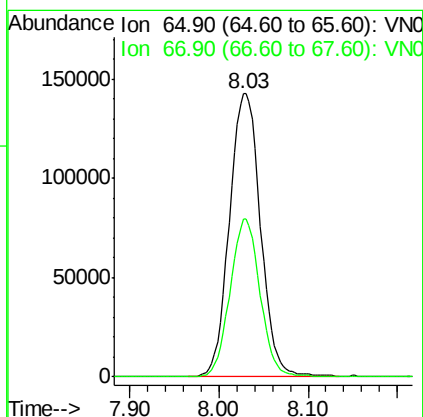
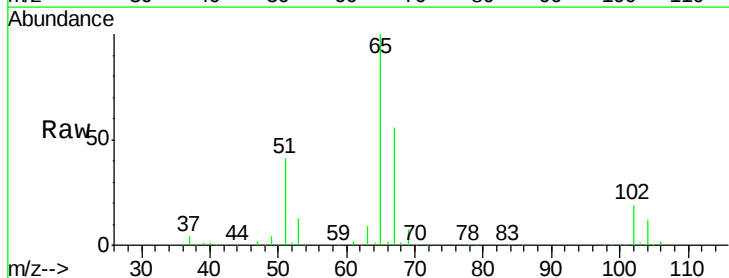
Ion	Ratio	Lower	Upper
84	100		
49	140.1	109.4	164.2
51	42.8	32.2	48.4
86	64.4	49.3	73.9

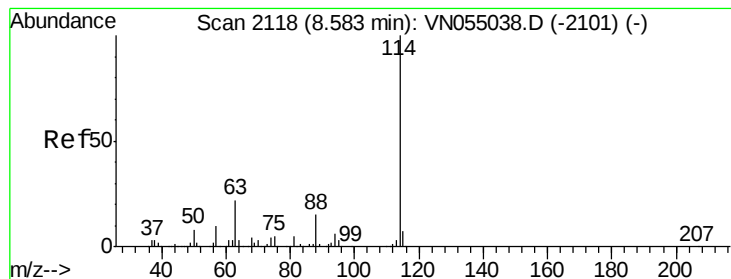


#33
1,2-Dichloroethane-d4
Concen: 48.482 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055150.D
Acq: 19 Apr 2019 20:21

Tgt Ion: 65 Resp: 345044

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055150.D

Acq: 19 Apr 2019 20:21

Instrument :

MSVOA_N

ClientSampleId :

PL-01-041819-D

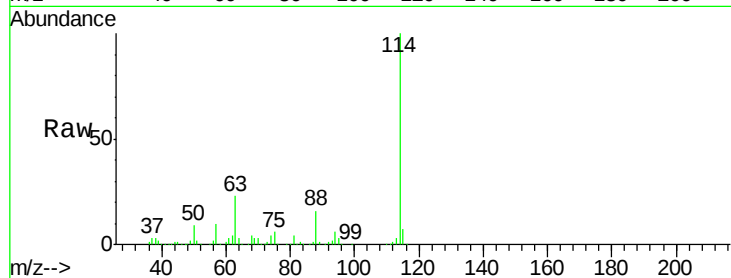
Tot Ion:114 Resp: 846038

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.2

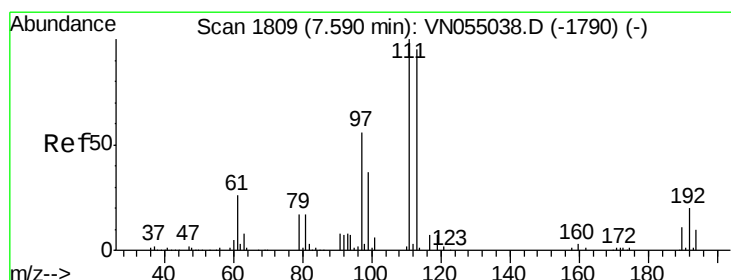
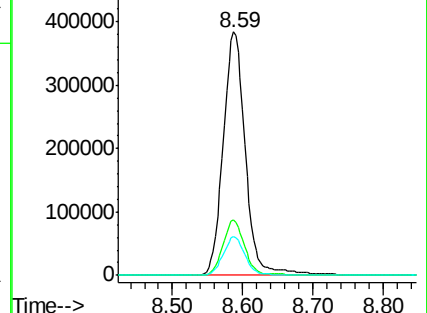
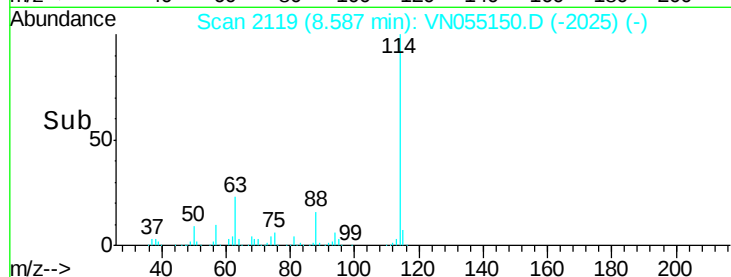
88 15.8 0.0 31.8



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: 48.878 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055150.D

Acq: 19 Apr 2019 20:21

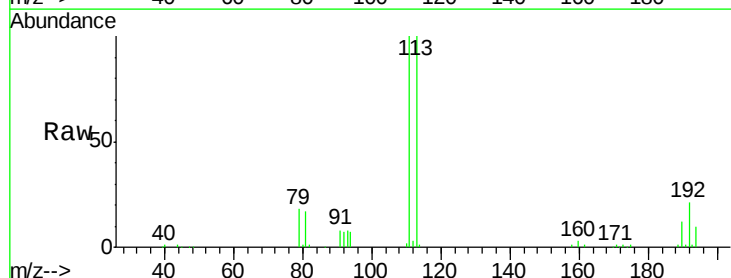
Tgt Ion:113 Resp: 276361

Ion Ratio Lower Upper

113 100

111 98.7 82.1 123.1

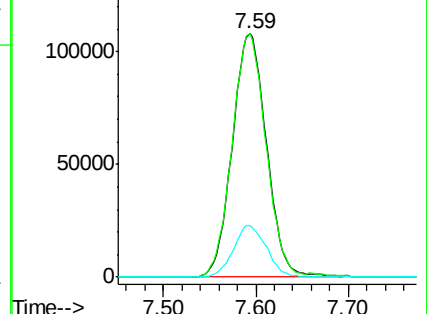
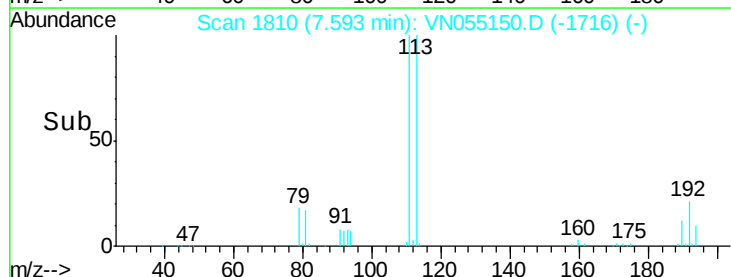
192 20.6 16.5 24.7

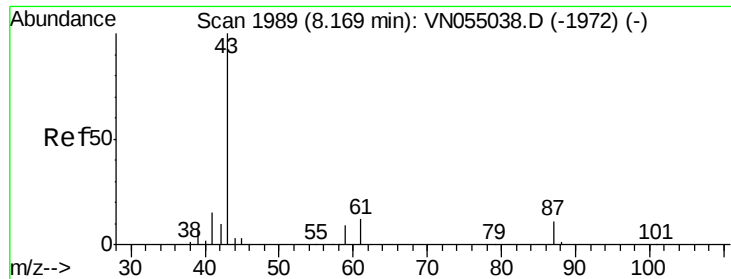


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.558 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055150.D

Acq: 19 Apr 2019 20:21

Instrument :

MSVOA_N

ClientSampleId :

PL-01-041819-D

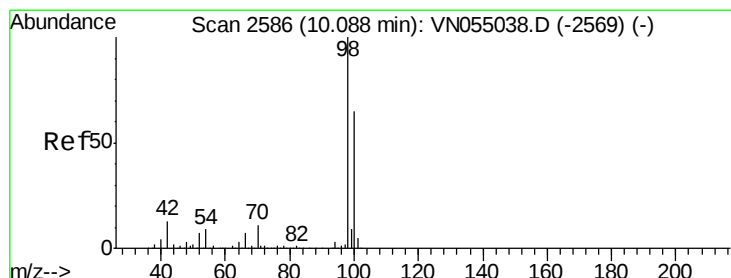
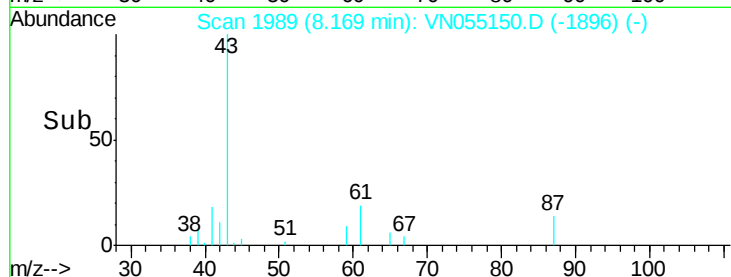
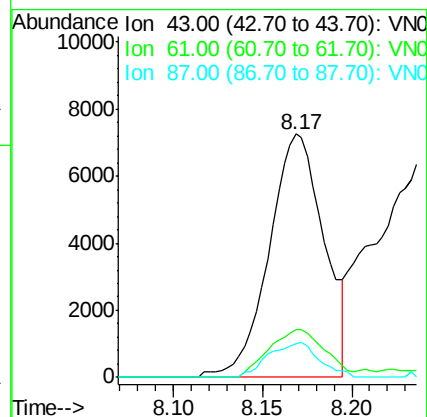
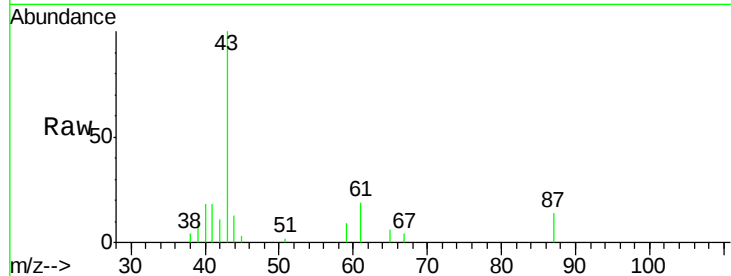
Tot Ion: 43 Resp: 15585

Ion Ratio Lower Upper

43 100

61 19.8 14.3 21.5

87 13.1 8.6 13.0#



#50

Toluene-d8

Concen: 49.342 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055150.D

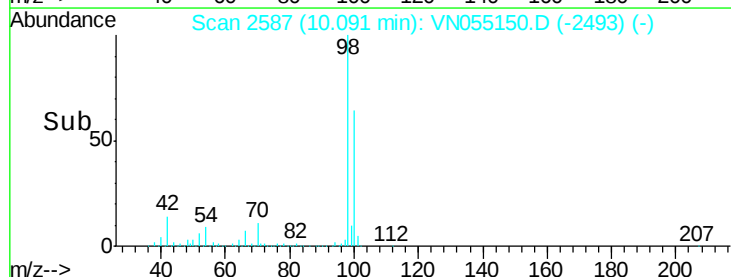
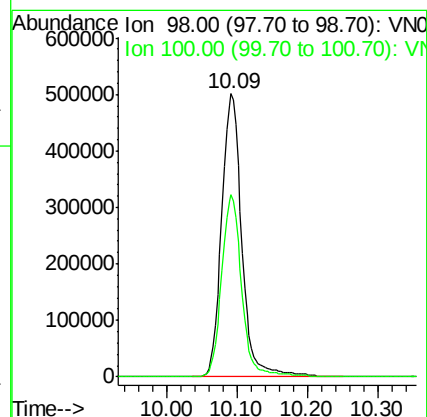
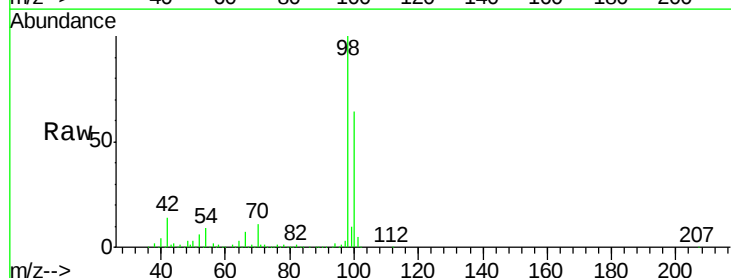
Acq: 19 Apr 2019 20:21

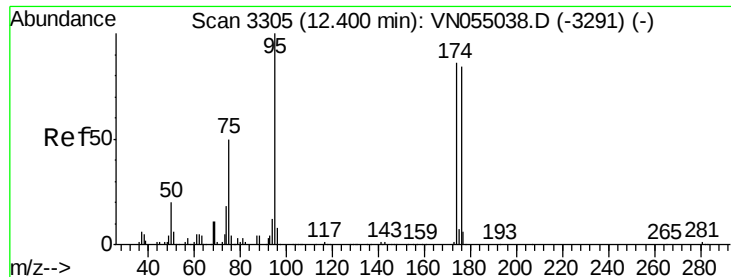
Tgt Ion: 98 Resp: 998512

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7

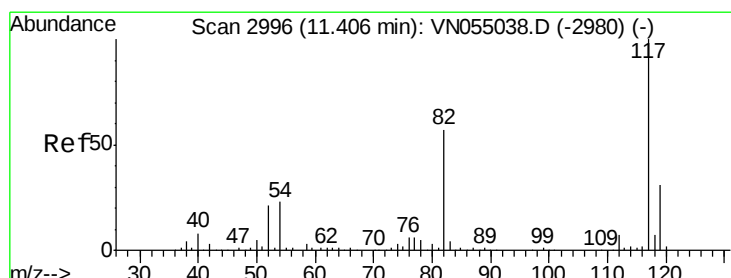
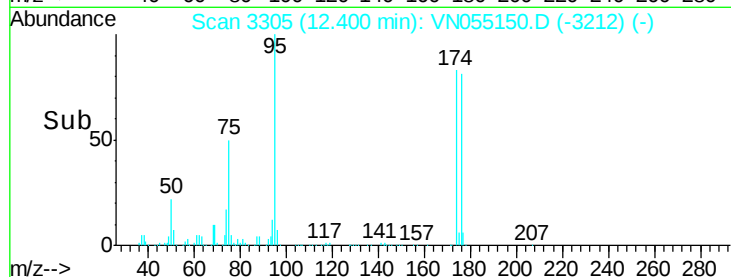
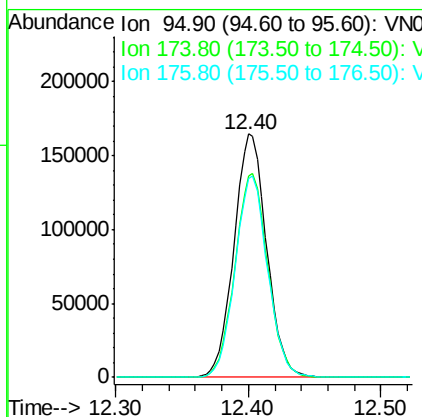
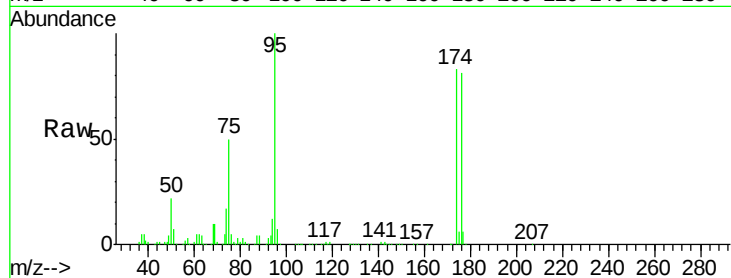




#62
4-Bromofluorobenzene
Concen: 42.865 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055150.D
Acq: 19 Apr 2019 20:21

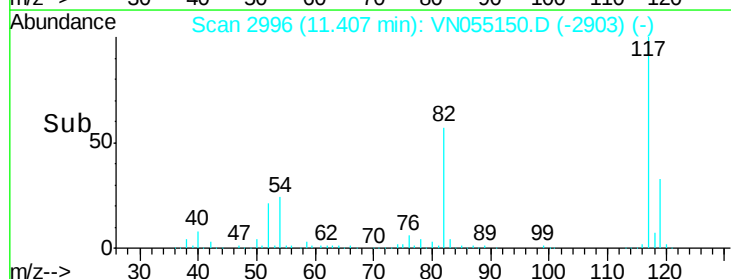
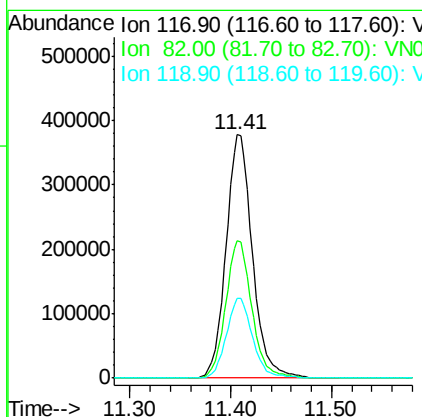
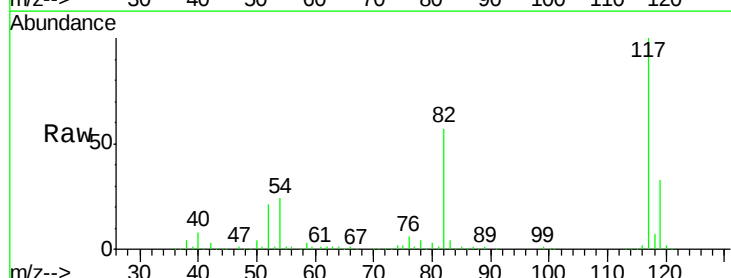
Instrument :
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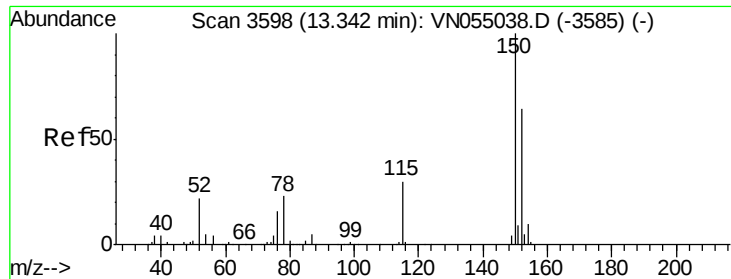
Tot Ion: 95 Resp: 282002
Ion Ratio Lower Upper
95 100
174 84.2 0.0 174.4
176 82.1 0.0 166.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055150.D
Acq: 19 Apr 2019 20:21

Tgt Ion: 117 Resp: 689393
Ion Ratio Lower Upper
117 100
82 56.6 44.6 66.8
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055150.D

Acq: 19 Apr 2019 20:21

Instrument :

MSVOA_N

ClientSampleId :

PL-01-041819-D

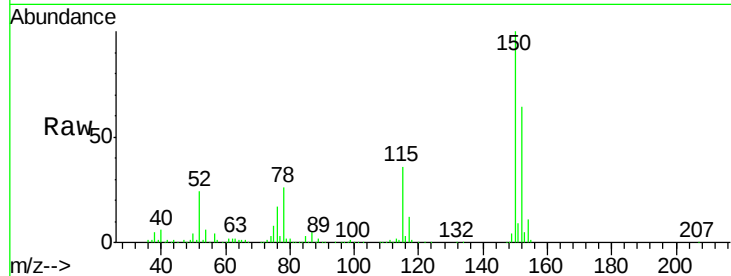
Tot Ion:152 Resp: 212486

Ion Ratio Lower Upper

152 100

115 56.5 28.5 85.6

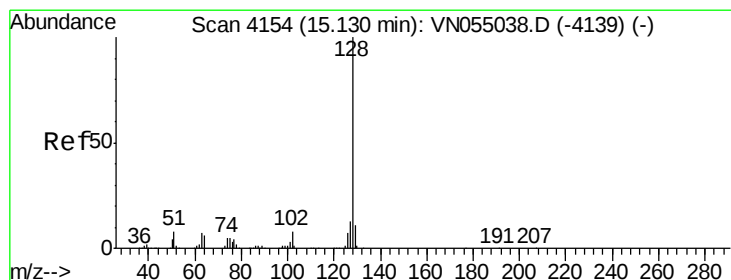
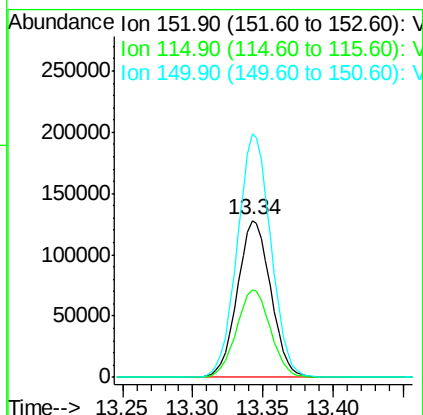
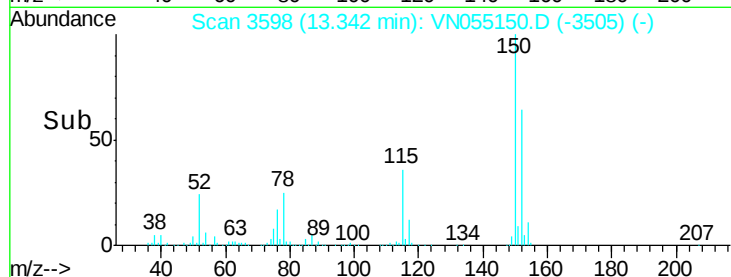
150 156.4 0.0 347.2



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



#95

Naphthalene

Concen: 3.813 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055150.D

Acq: 19 Apr 2019 20:21

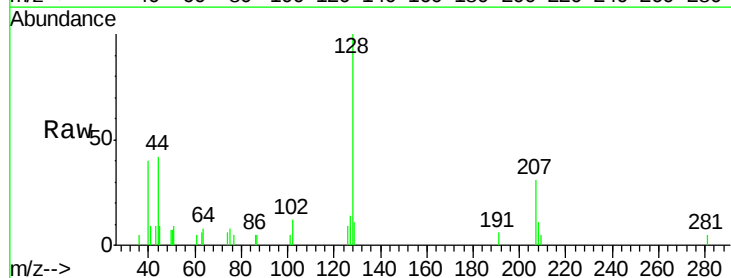
Tgt Ion:128 Resp: 5955

Ion Ratio Lower Upper

128 100

127 15.0 10.1 15.1

129 11.4 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

