

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050067.D
 Acq On : 26 Jul 2018 1:33
 Operator : MD\SY
 Sample : J3821-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-072418-B

Quant Time: Jul 26 07:53:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	613701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1029019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	855047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	299447	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	438252	51.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.36%	
35) Dibromofluoromethane	7.60	113	391154	46.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.12%	
50) Toluene-d8	10.09	98	1393645	45.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.24%	
62) 4-Bromofluorobenzene	12.40	95	375172	36.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	73.78%	

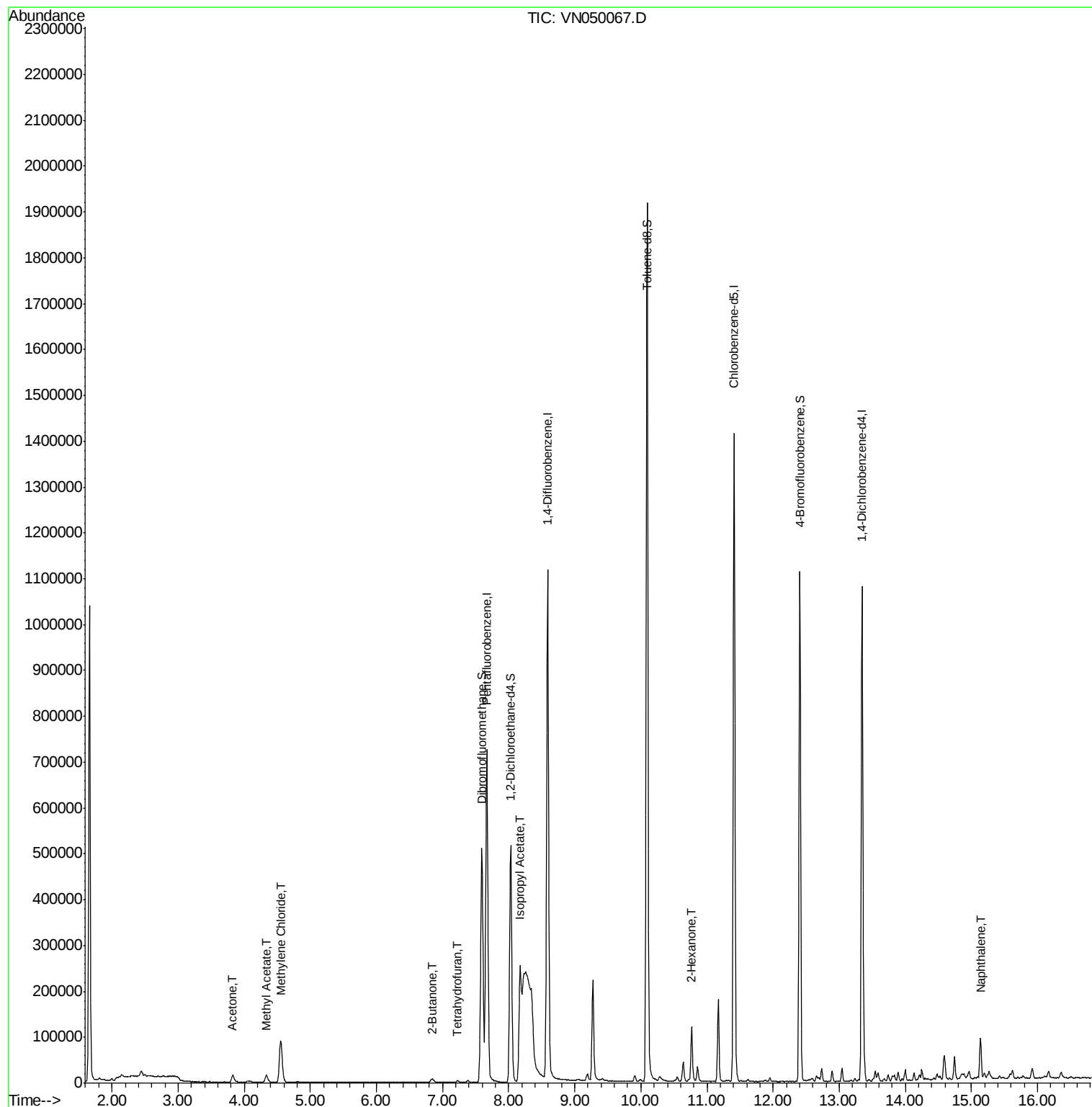
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	28200	9.81	ug/l	97
18) Methyl Acetate	4.34	43	28864	2.12	ug/l	99
20) Methylene Chloride	4.55	84	70697	8.27	ug/l	98
25) 2-Butanone	6.85	43	8085	2.48	ug/l	90
29) Tetrahydrofuran	7.22	42	2651	1.26	ug/l #	77
43) Isopropyl Acetate	8.17	43	305076	19.33	ug/l #	90
59) 2-Hexanone	10.77	43	16950	8.02	ug/l #	57
95) Naphthalene	15.14	128	77781	9.60	ug/l	99

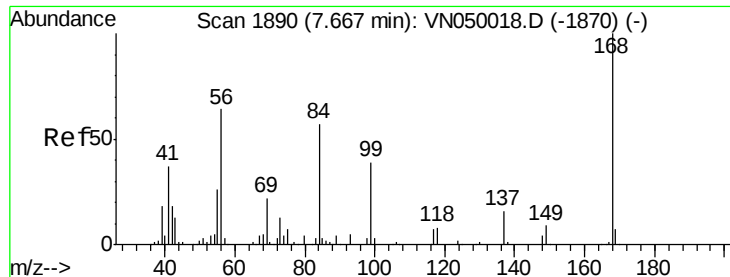
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 24 06:27:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

Instrument :

MSVOA_N

ClientSampleId :

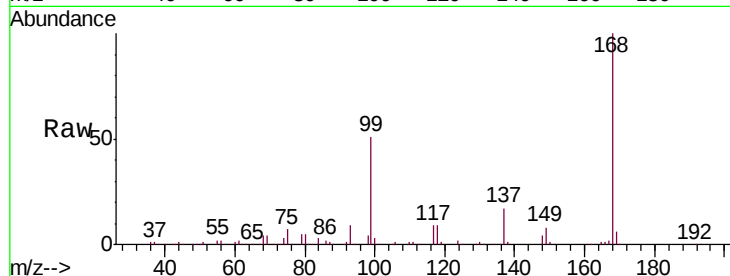
HR-06-072418-B

Tot Ion:168 Resp: 613701

Ion Ratio Lower Upper

168 100

99 51.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

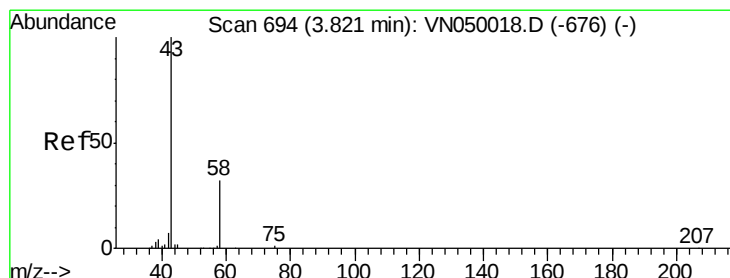
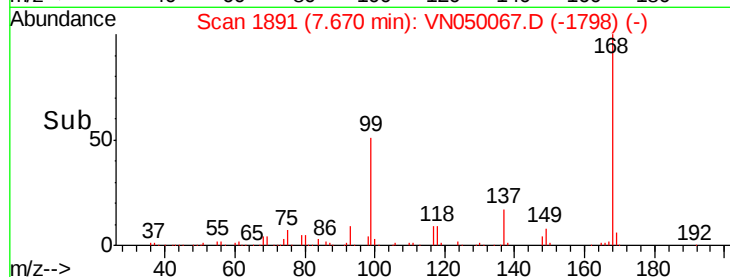
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.81 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050067.D

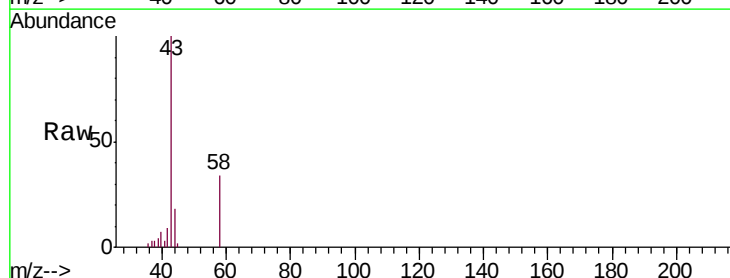
Acq: 26 Jul 2018 1:33

Tgt Ion: 43 Resp: 28200

Ion Ratio Lower Upper

43 100

58 34.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

10000

8000

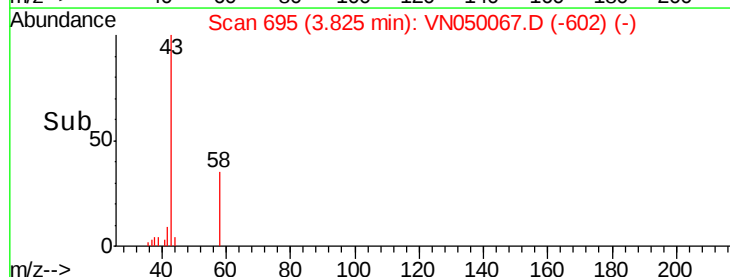
6000

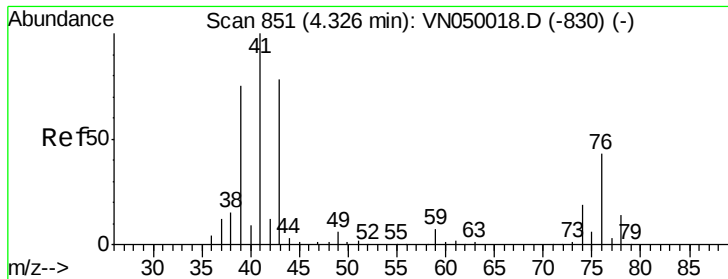
4000

2000

0

Time-->

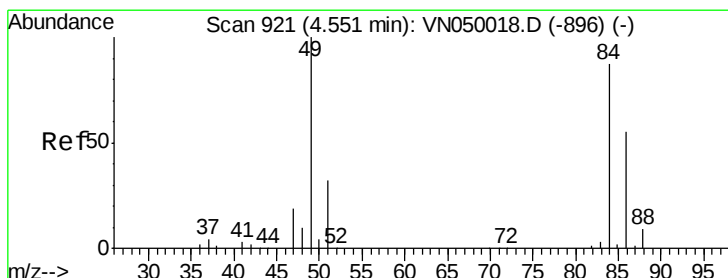
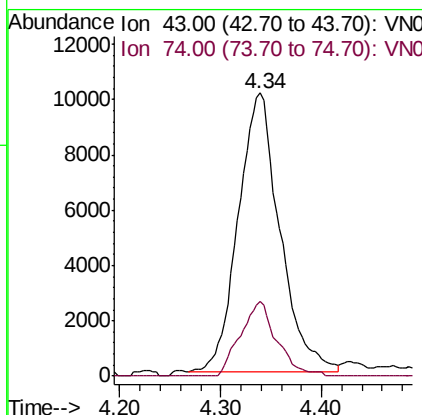
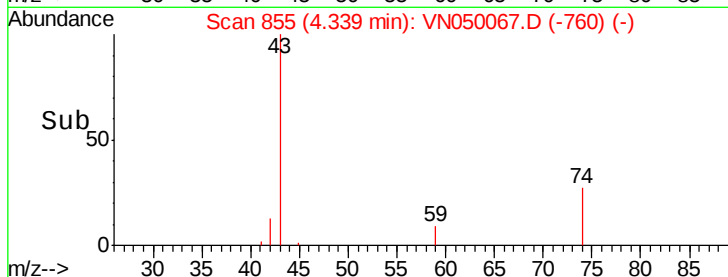
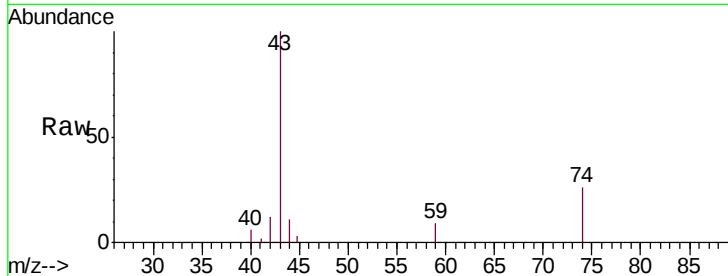




#18
Methyl Acetate
Concen: 2.12 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050067.D
Acq: 26 Jul 2018 1:33

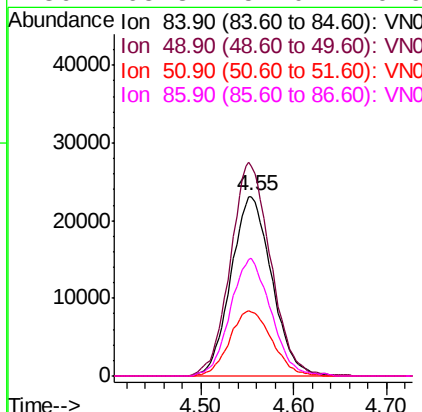
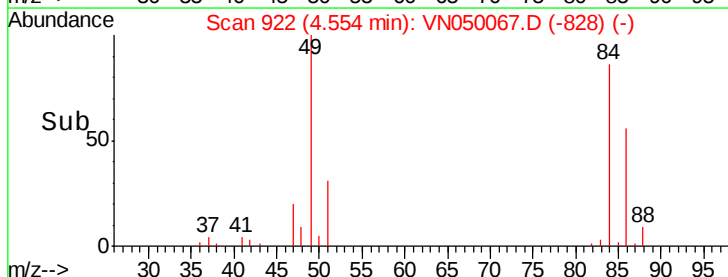
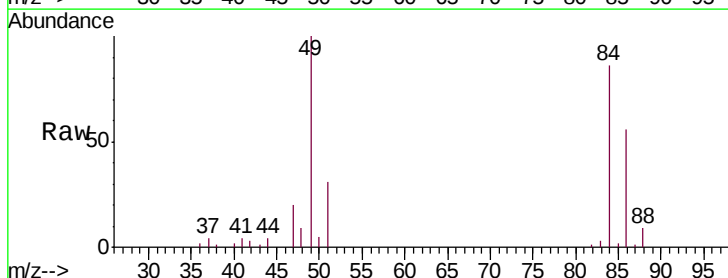
Instrument :
MSVOA_N
ClientSampleId :
HR-06-072418-B

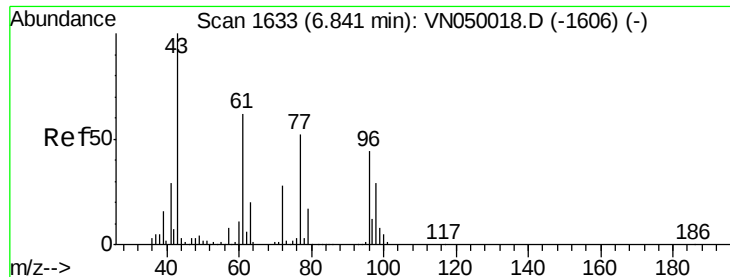
Tot Ion: 43 Resp: 28864
Ion Ratio Lower Upper
43 100
74 23.4 19.2 28.8



#20
Methylene Chloride
Concen: 8.27 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050067.D
Acq: 26 Jul 2018 1:33

Tgt Ion: 84 Resp: 70697
Ion Ratio Lower Upper
84 100
49 116.9 94.8 142.2
51 36.0 28.3 42.5
86 65.3 51.0 76.6





#25

2-Butanone

Concen: 2.48 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

Instrument :

MSVOA_N

ClientSampleId :

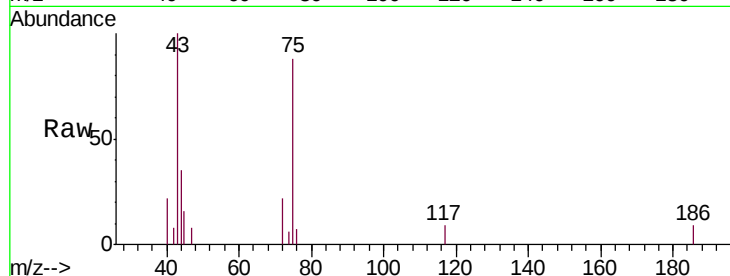
HR-06-072418-B

Tot Ion: 43 Resp: 8085

Ion Ratio Lower Upper

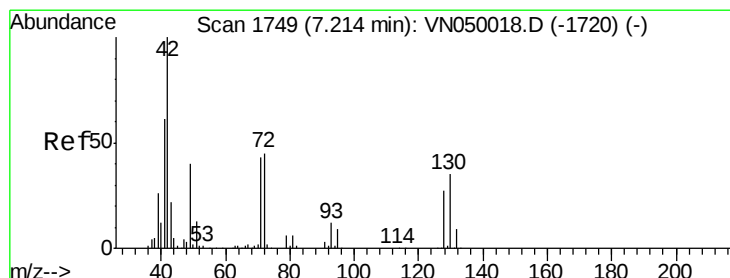
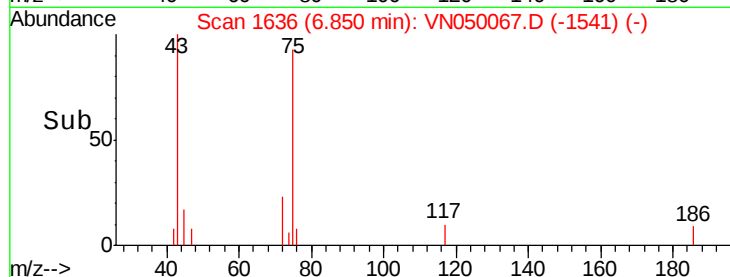
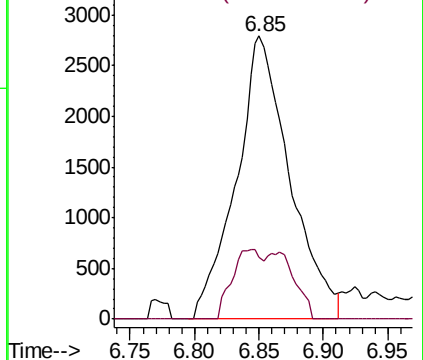
43 100

72 21.7 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 1.26 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

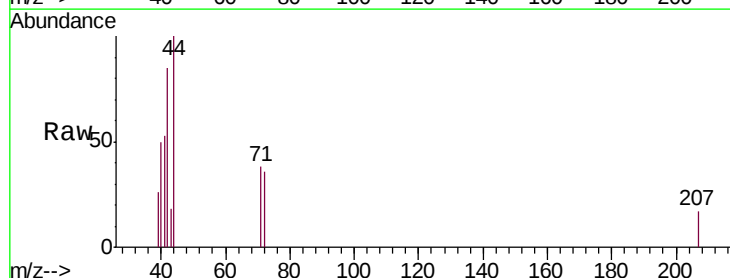
Tgt Ion: 42 Resp: 2651

Ion Ratio Lower Upper

42 100

72 26.1 35.9 53.9#

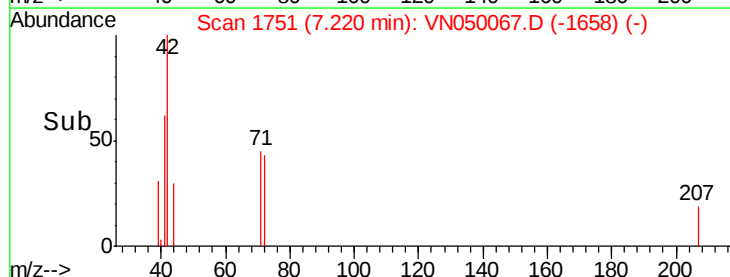
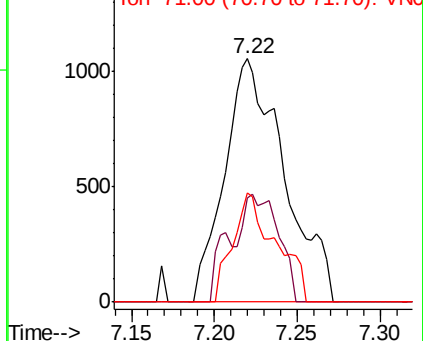
71 32.0 33.7 50.5#

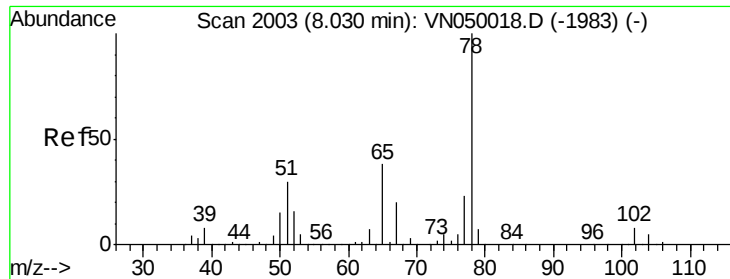


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.18 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

Instrument :

MSVOA_N

ClientSampleId :

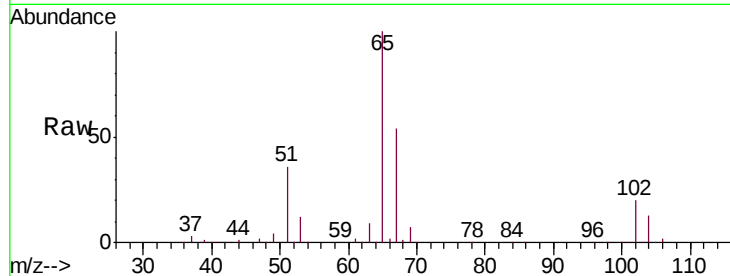
HR-06-072418-B

Tot Ion: 65 Resp: 438252

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

8.03

200000

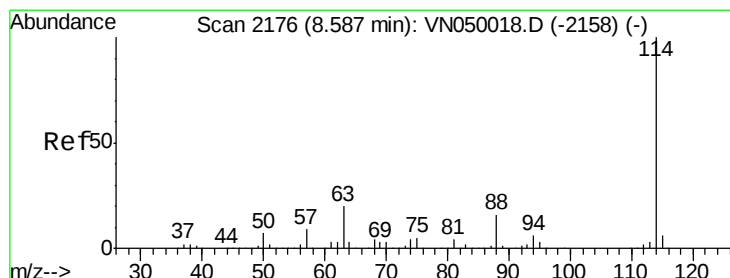
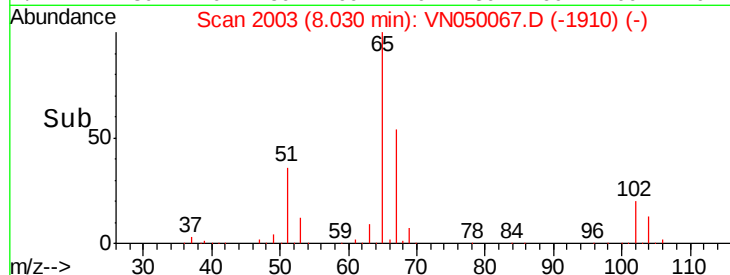
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

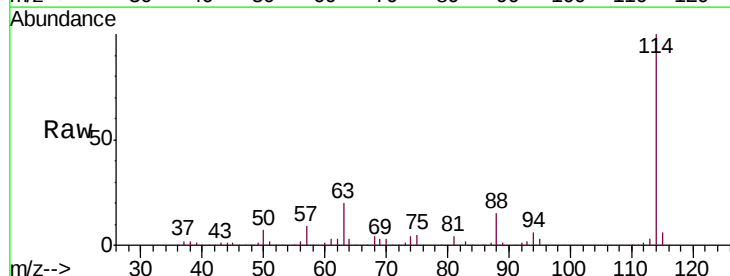
Tgt Ion:114 Resp: 1029019

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

88 15.4 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050018.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050018.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050018.D (-2158) (-)

8.59

600000

500000

400000

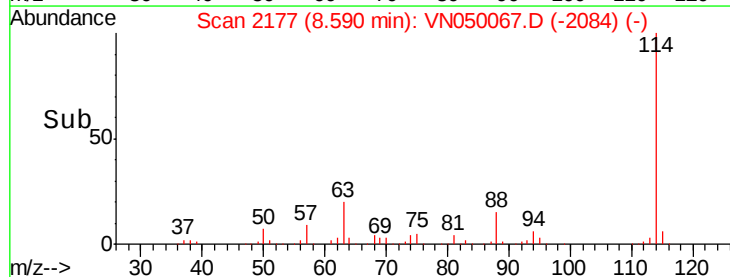
300000

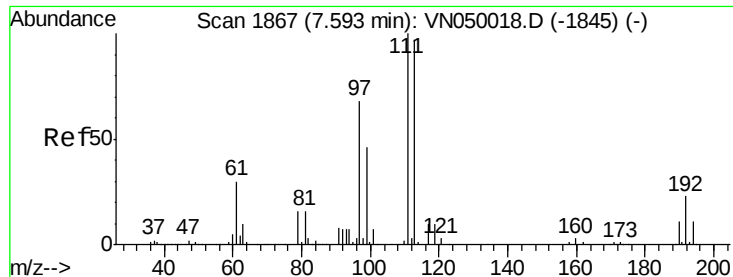
200000

100000

0

Time-->

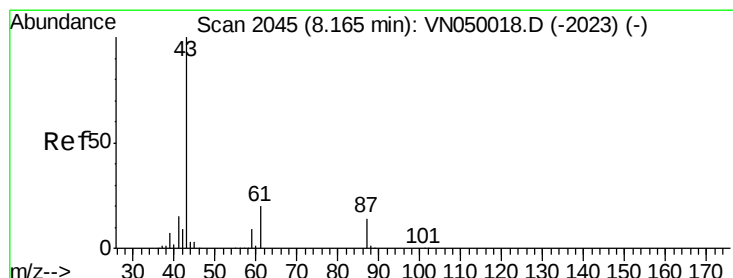
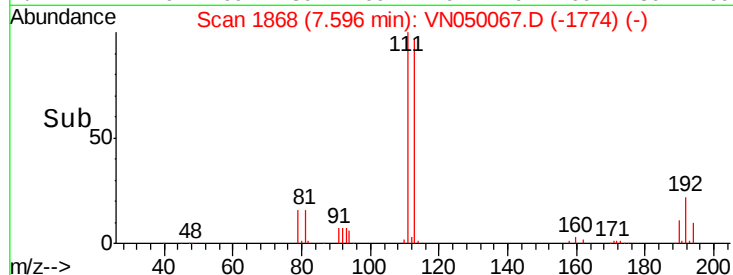
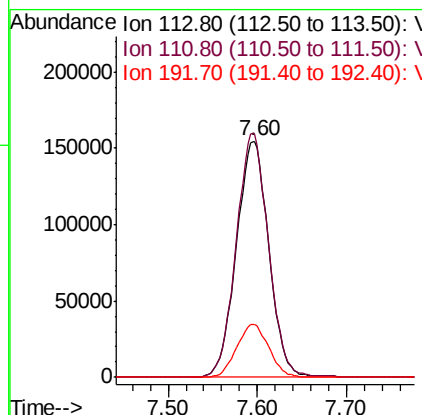
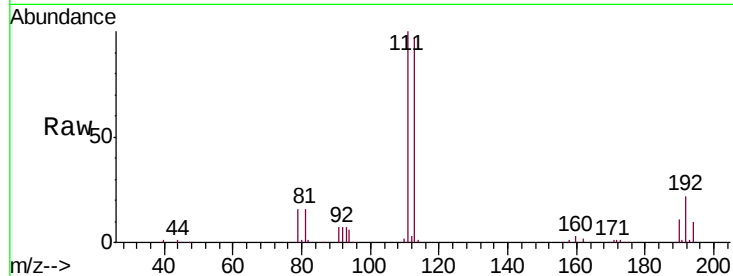




#35
 Dibromofluoromethane
 Concen: 46.56 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050067.D
 Acq: 26 Jul 2018 1:33

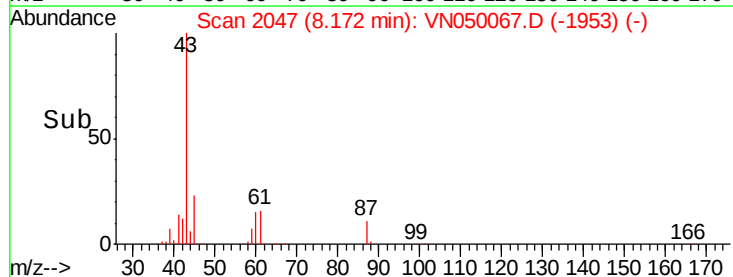
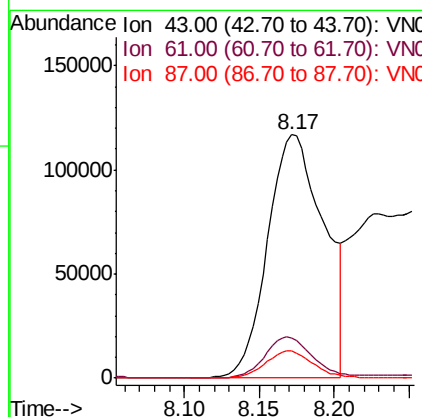
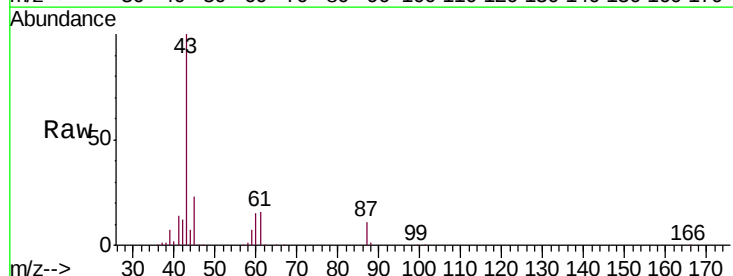
Instrument :
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 ClientSampleId :
 HR-06-072418-B

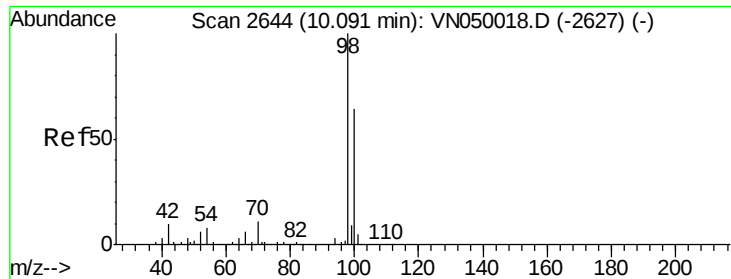
Tot Ion:113 Resp: 391154
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.7 121.1
 192 22.3 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 19.33 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050067.D
 Acq: 26 Jul 2018 1:33

Tgt Ion: 43 Resp: 305076
 Ion Ratio Lower Upper
 43 100
 61 14.6 15.8 23.6#
 87 9.4 10.3 15.5#

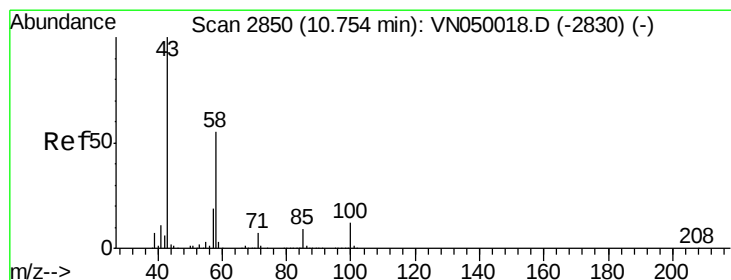
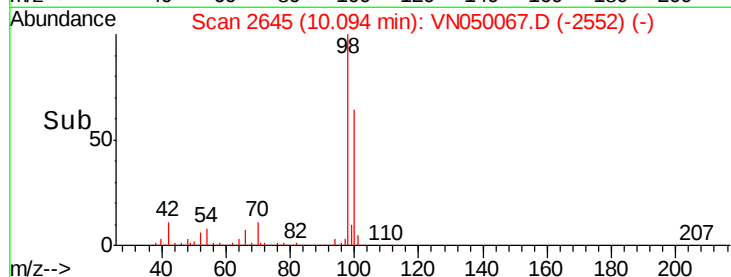
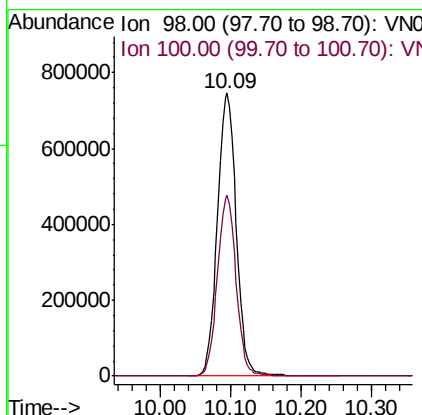
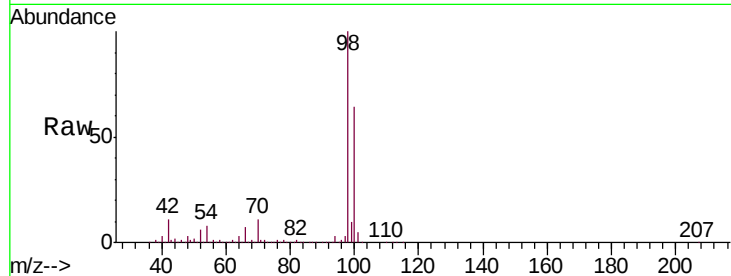




#50
Toluene-d8
Concen: 45.12 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050067.D
Acq: 26 Jul 2018 1:33

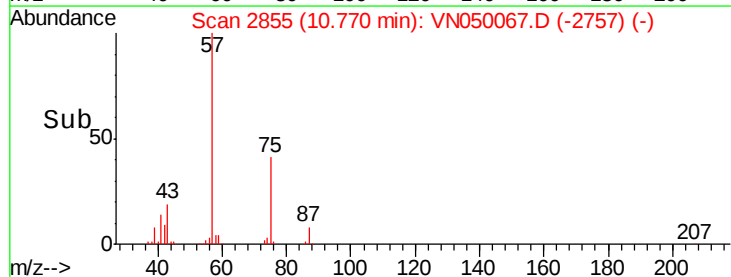
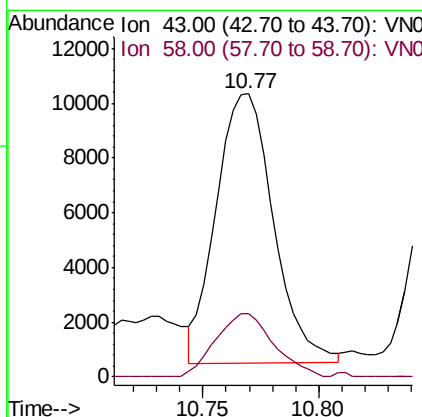
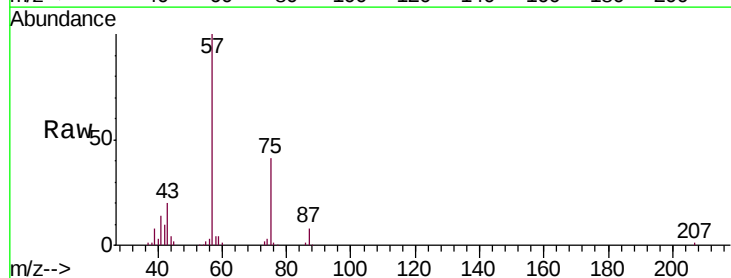
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HR-06-072418-B

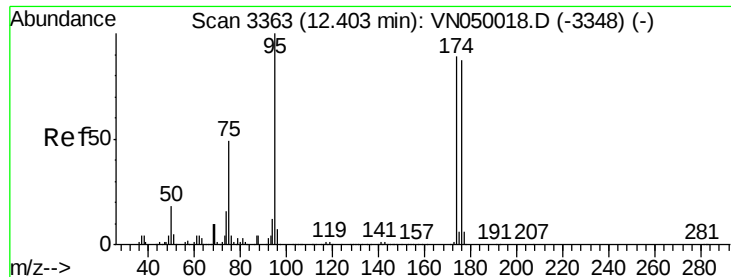
Tot Ion: 98 Resp: 1393645
Ion Ratio Lower Upper
98 100
100 63.2 50.7 76.1



#59
2-Hexanone
Concen: 8.02 ug/l
RT: 10.77 min Scan# 2855
Delta R.T. 0.02 min
Lab File: VN050067.D
Acq: 26 Jul 2018 1:33

Tgt Ion: 43 Resp: 16950
Ion Ratio Lower Upper
43 100
58 23.8 27.6 82.7#

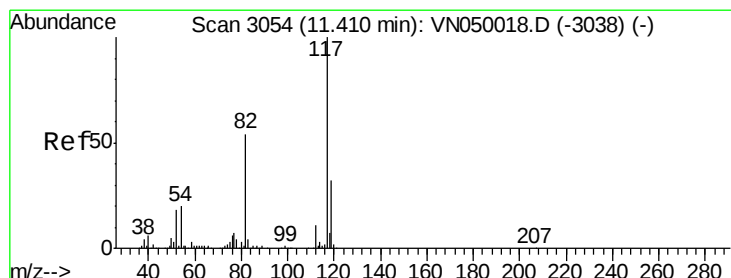
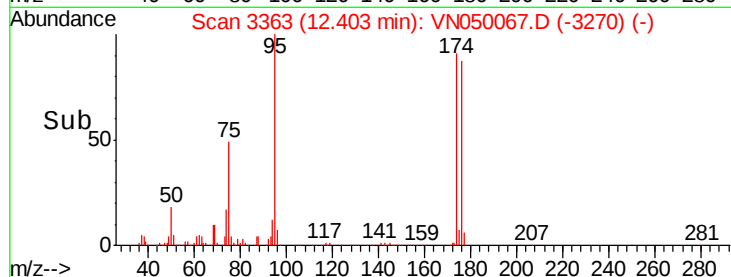
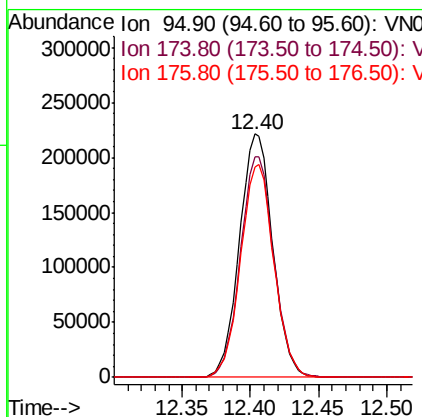
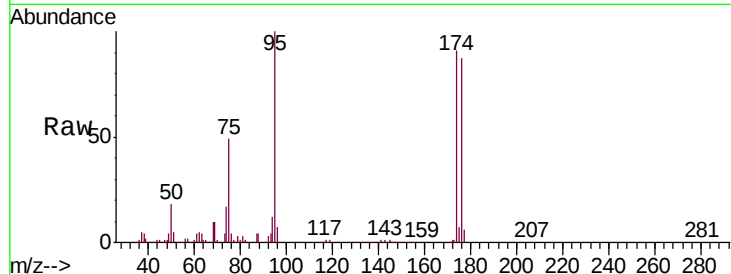




#62
4-Bromofluorobenzene
Concen: 36.89 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050067.D
Acq: 26 Jul 2018 1:33

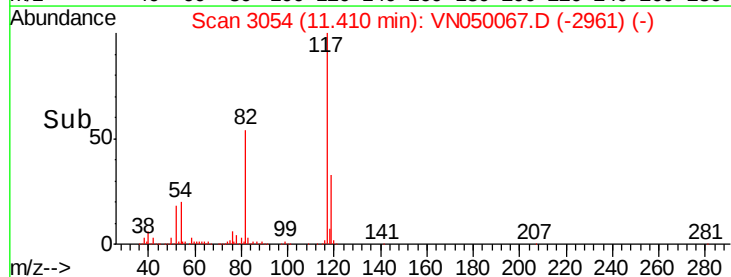
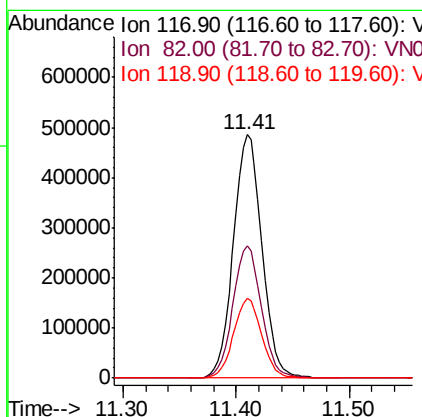
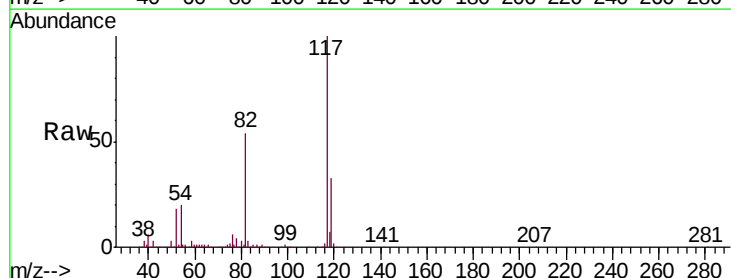
Instrument :
MSVOA_N
ClientSampleId :
HR-06-072418-B

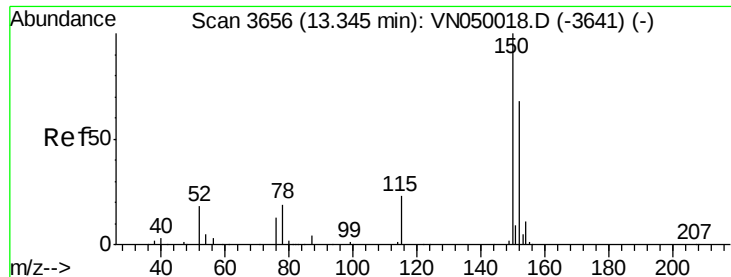
Tot Ion: 95 Resp: 375172
Ion Ratio Lower Upper
95 100
174 90.9 0.0 178.2
176 87.4 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050067.D
Acq: 26 Jul 2018 1:33

Tgt Ion: 117 Resp: 855047
Ion Ratio Lower Upper
117 100
82 54.5 43.7 65.5
119 32.5 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

Instrument :

MSVOA_N

ClientSampleId :

HR-06-072418-B

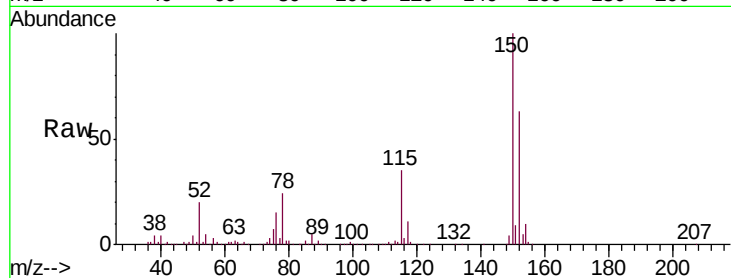
Tot Ion:152 Resp: 299447

Ion Ratio Lower Upper

152 100

115 56.8 27.8 83.3

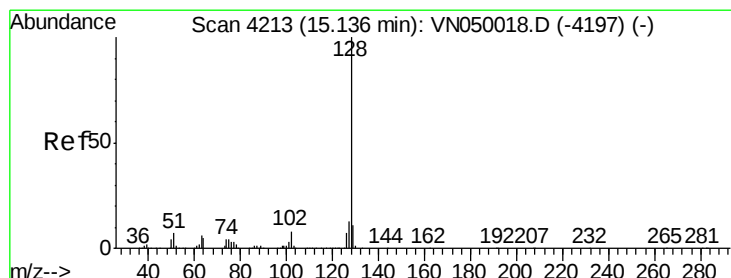
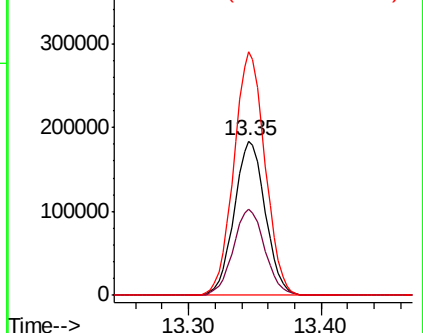
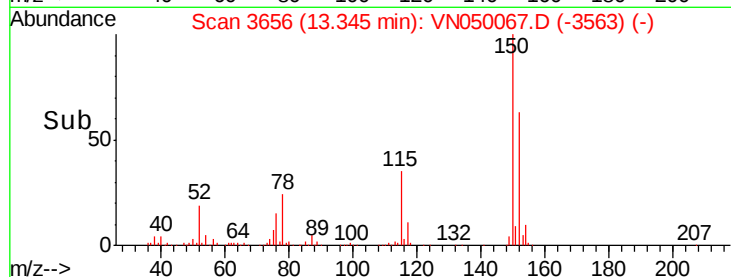
150 157.8 0.0 348.6



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: 9.60 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

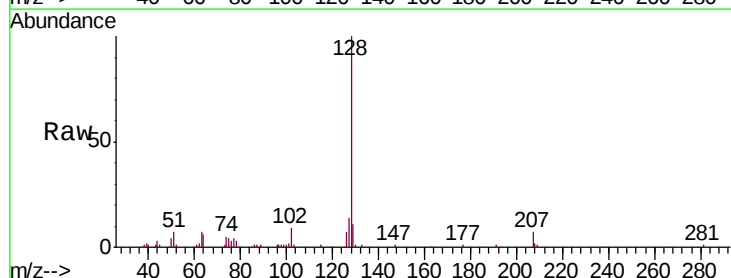
Tgt Ion:128 Resp: 77781

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.3 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

