

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052439.D
 Acq On : 21 Nov 2018 15:37
 Operator : MD\SY
 Sample : J5772-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-112018-B

Quant Time: Nov 22 00:56:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	313567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	531643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	466806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162552	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	238797	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
35) Dibromofluoromethane	7.59	113	178925	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	10.09	98	683208	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	204866	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	

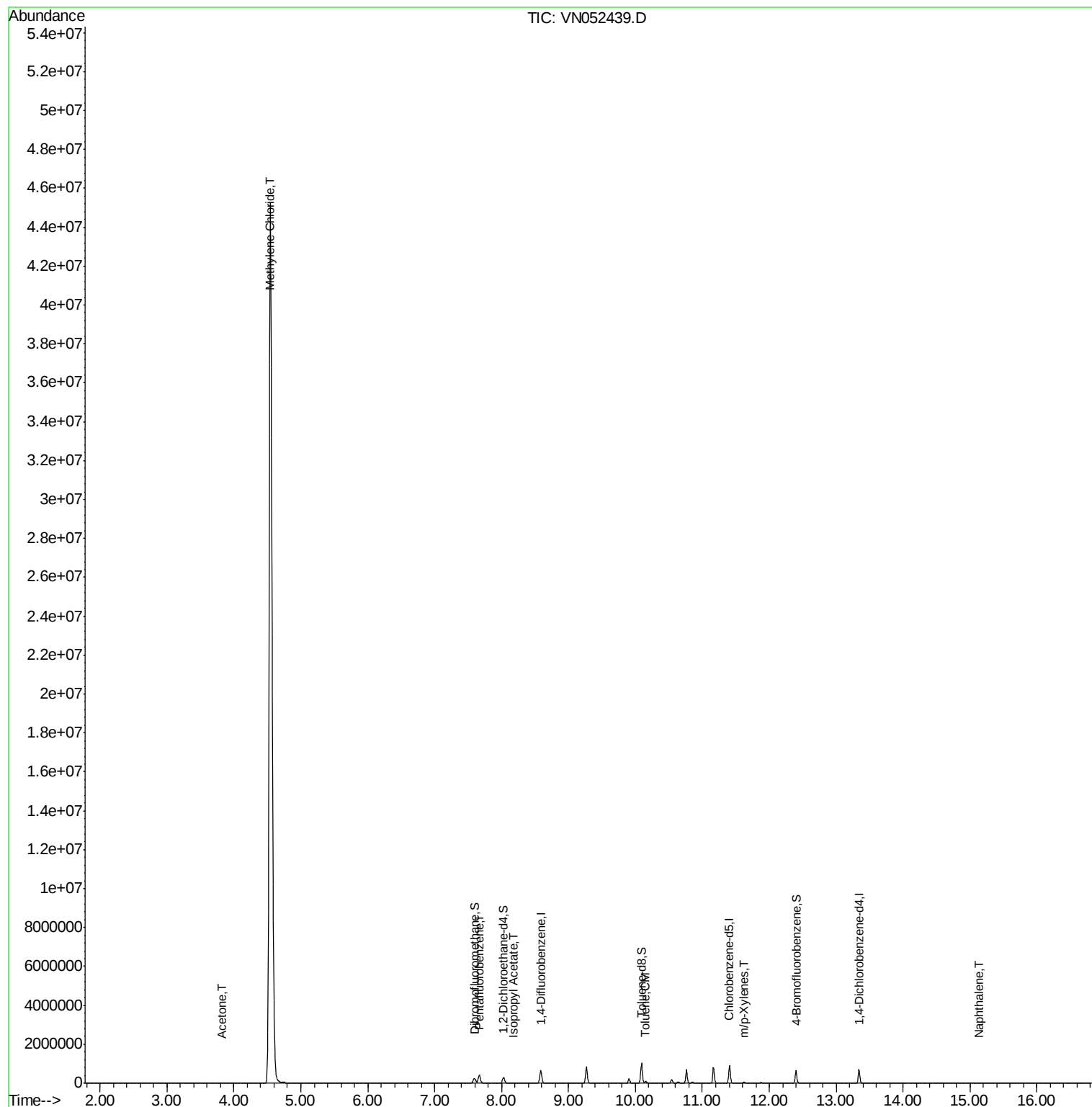
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	6042	4.95	ug/l	91
20) Methylene Chloride	4.54	84	27072391	7400.71	ug/l #	74
43) Isopropyl Acetate	8.17	43	20086	2.69	ug/l #	96
52) Toluene	10.15	92	32312	3.55	ug/l	94
68) m/p-Xylenes	11.62	106	9749	1.56	ug/l	93
95) Naphthalene	15.13	128	18179	5.60	ug/l	99

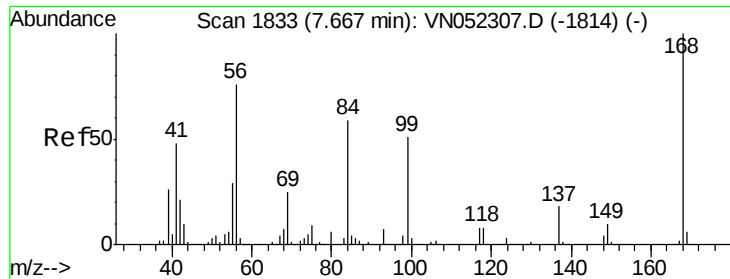
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
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Misc : 5.00mL/MSVOA_N/WATER
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PL-01-112018-B

Quant Time: Nov 22 00:56:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052439.D

Acq: 21 Nov 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

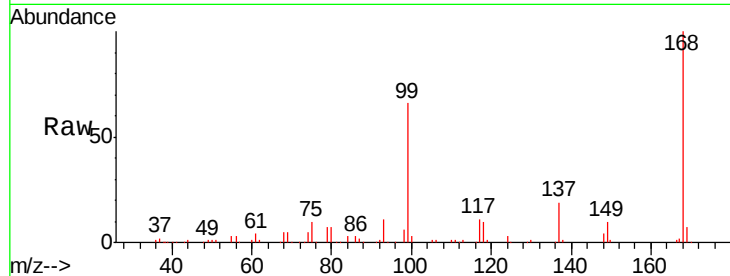
PL-01-112018-B

Tgt Ion: 168 Resp: 313567

Ion Ratio Lower Upper

168 100

99 65.8 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

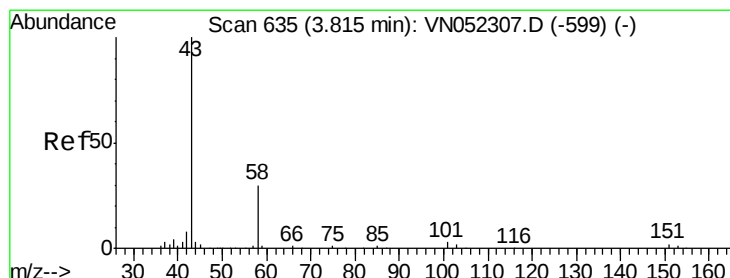
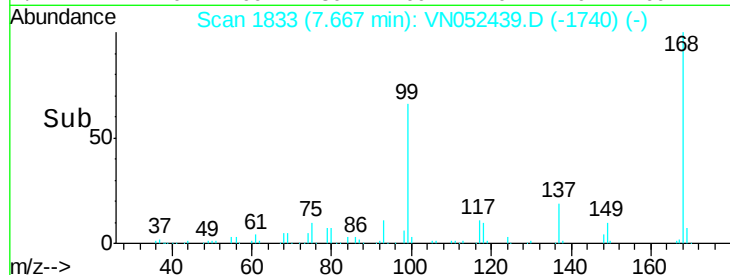
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 4.95 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052439.D

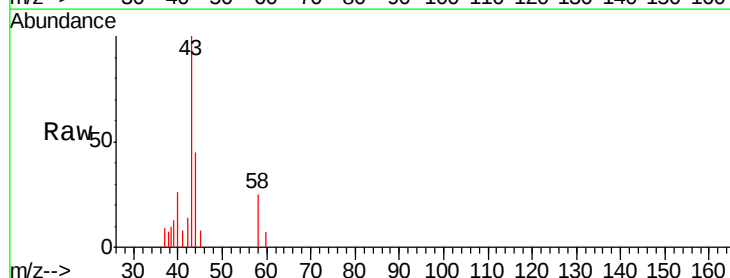
Acq: 21 Nov 2018 15:37

Tgt Ion: 43 Resp: 6042

Ion Ratio Lower Upper

43 100

58 25.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

2500

2000

1500

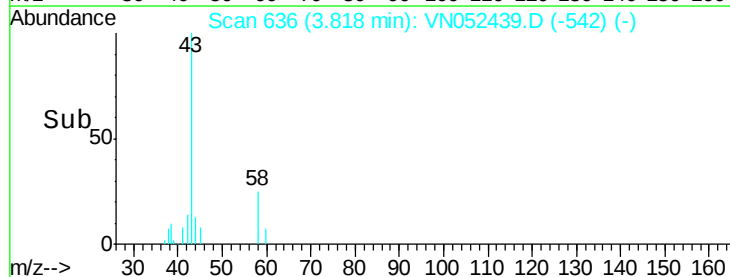
1000

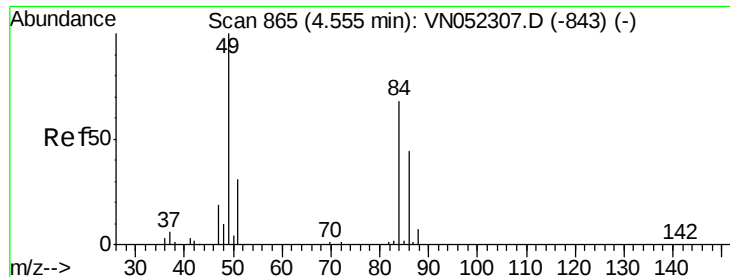
500

0

3.75 3.80 3.85 3.90

Time-->



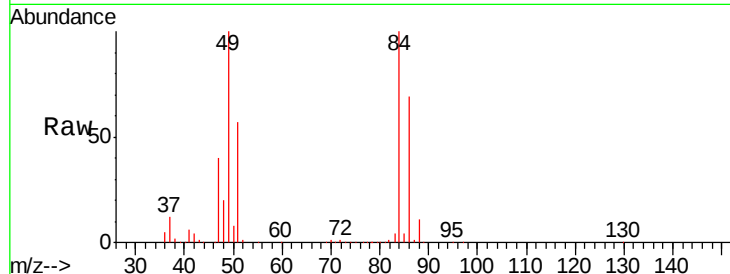


#20
Methylene Chloride
Concen: 7400.71 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.01 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Instrument :
MSVOA_N
ClientSampleId :
PL-01-112018-B

Tgt Ion: 84 Resp: 27072391

Ion	Ratio	Lower	Upper
84	100		
49	100.0	118.2	177.2#
51	56.9	36.1	54.1#
86	69.2	51.6	77.4



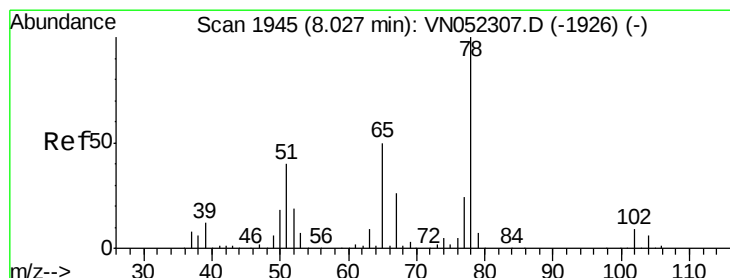
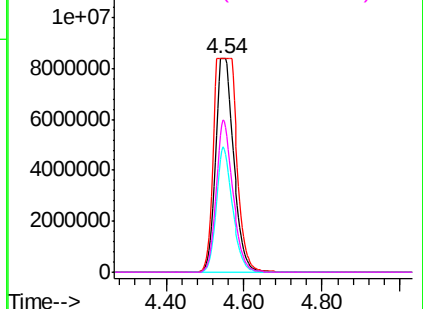
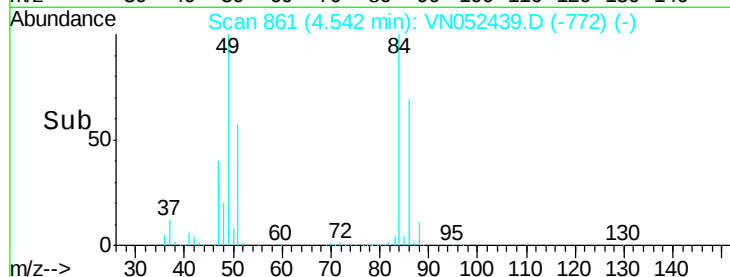
Abundance

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

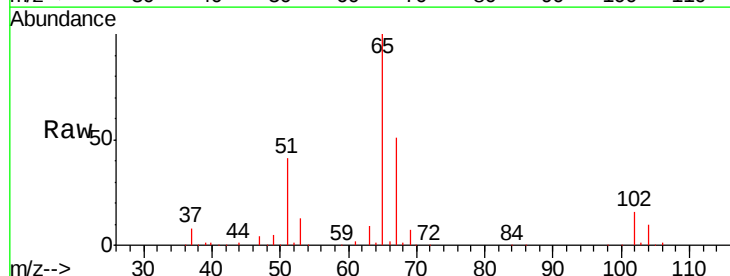
Ion 85.90 (85.60 to 86.60): VNC



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Tgt Ion: 65 Resp: 238797

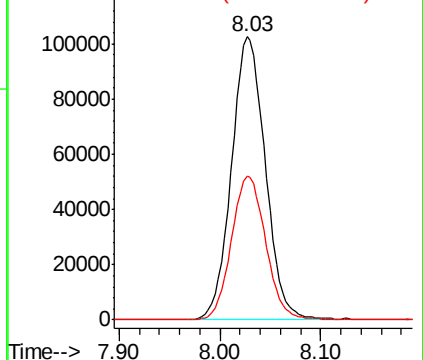
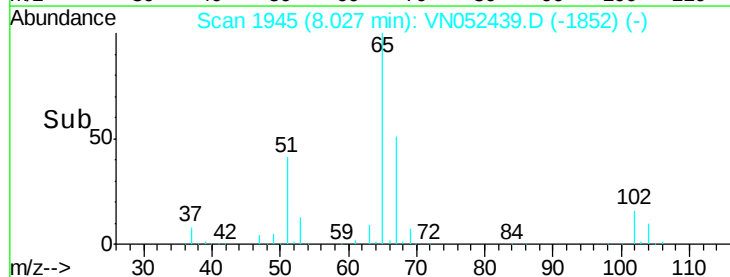
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	105.2

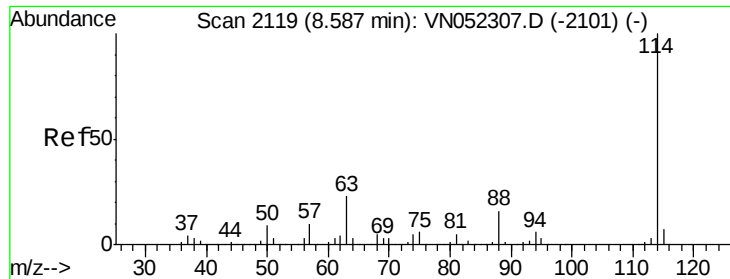


Abundance

Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

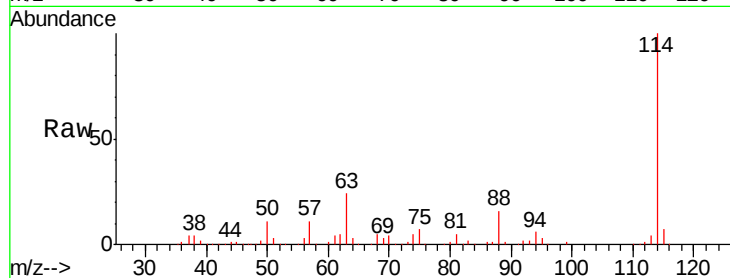




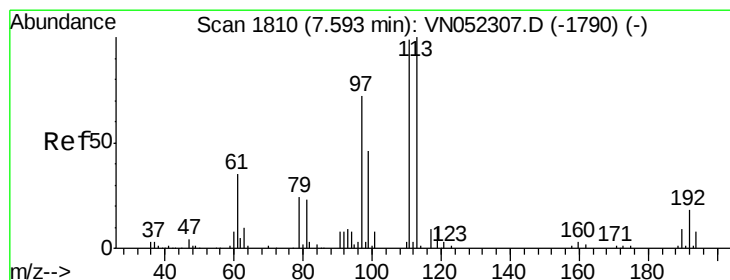
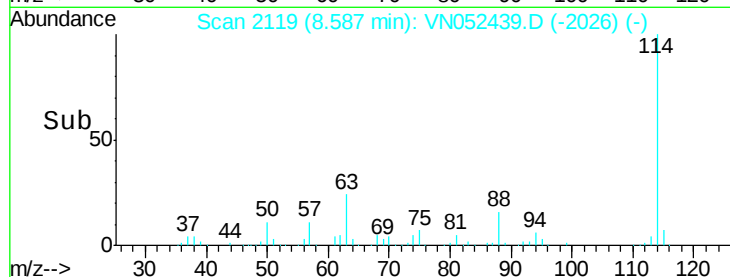
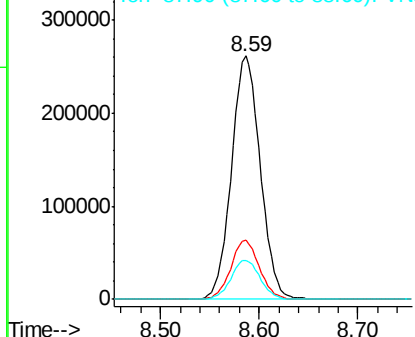
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052439.D
 Acq: 21 Nov 2018 15:37

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-112018-B

Tgt Ion:114 Resp: 531643
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 45.4
 88 16.1 0.0 31.2

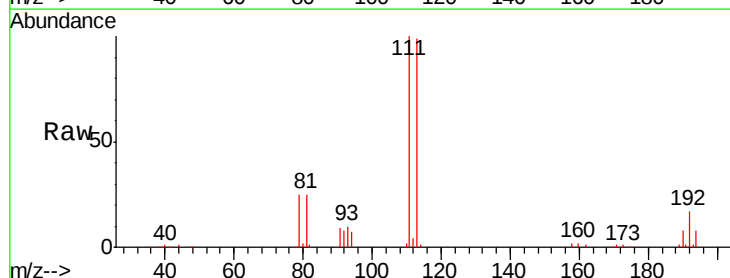


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

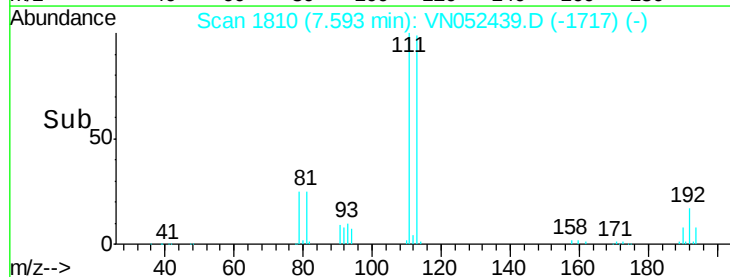
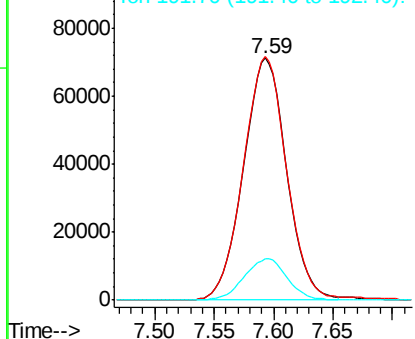


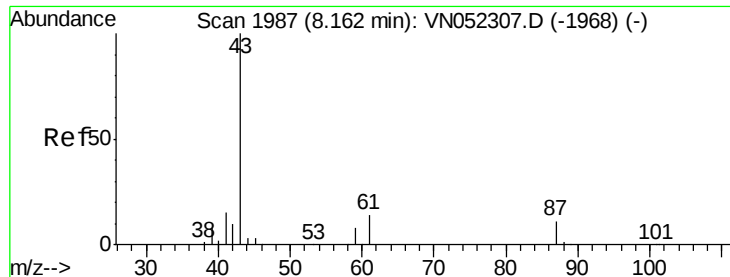
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052439.D
 Acq: 21 Nov 2018 15:37

Tgt Ion:113 Resp: 178925
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.0 121.6
 192 17.0 13.8 20.6



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: 2.69 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052439.D

Acq: 21 Nov 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

PL-01-112018-B

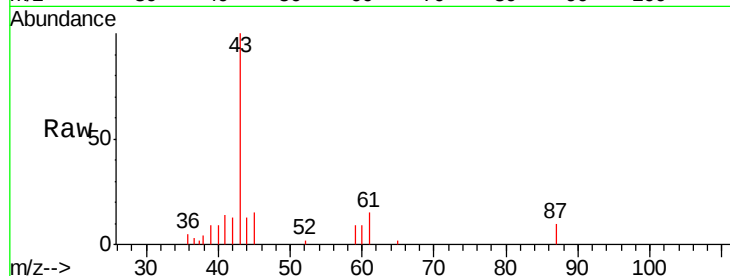
Tgt Ion: 43 Resp: 20086

Ion Ratio Lower Upper

43 100

61 14.4 12.0 18.0

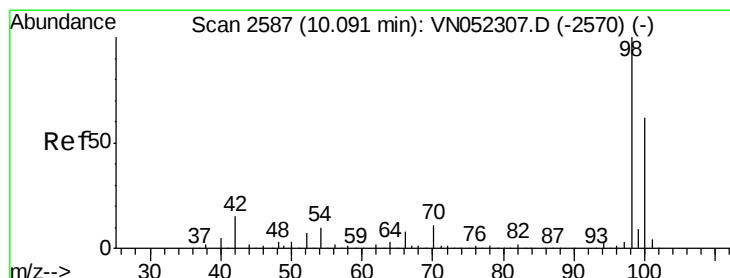
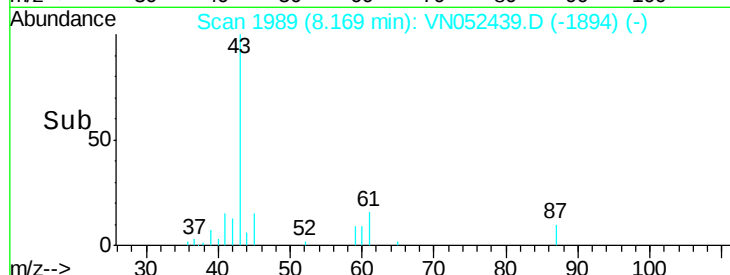
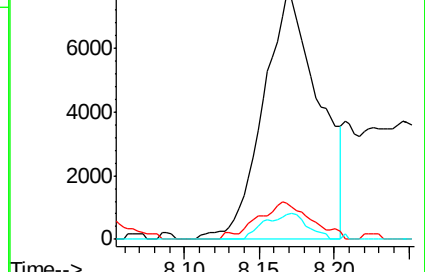
87 8.0 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052439.D

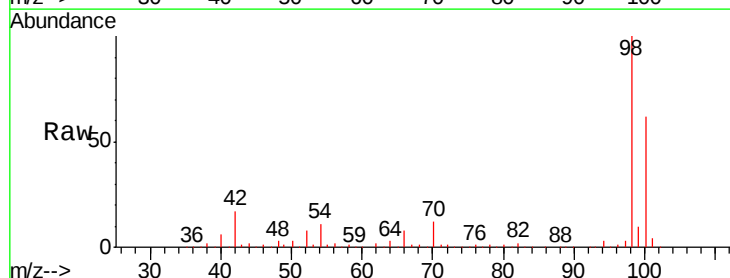
Acq: 21 Nov 2018 15:37

Tgt Ion: 98 Resp: 683208

Ion Ratio Lower Upper

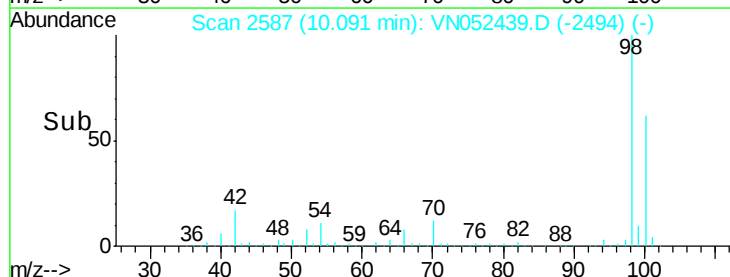
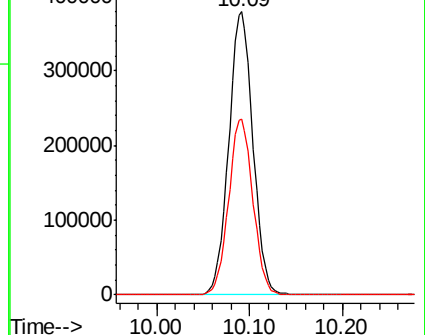
98 100

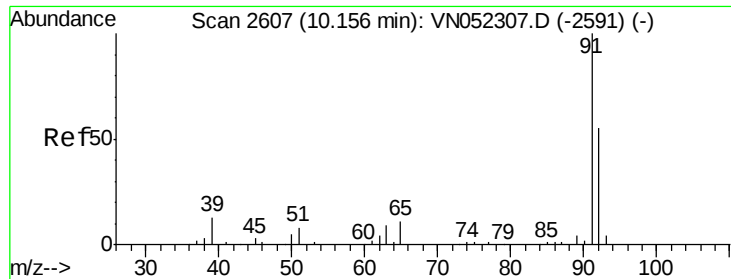
100 62.4 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052307.D (-2570) (-)





#52

Toluene

Concen: 3.55 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN052439.D

Acq: 21 Nov 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

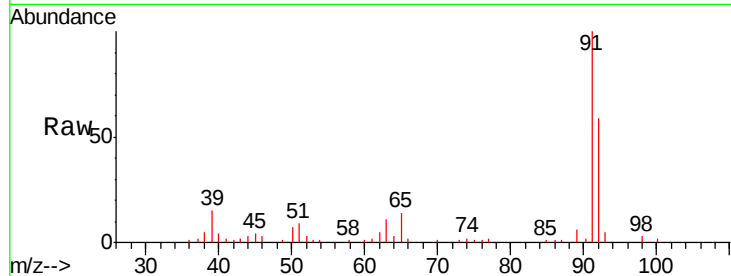
PL-01-112018-B

Tgt Ion: 92 Resp: 32312

Ion Ratio Lower Upper

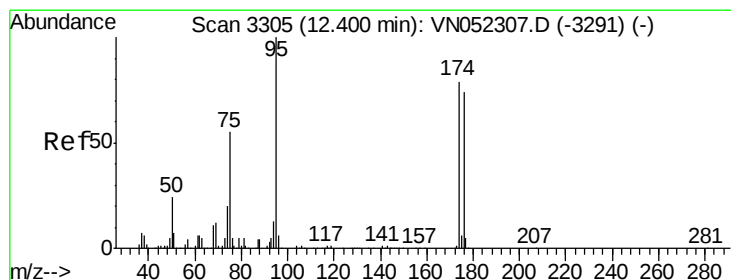
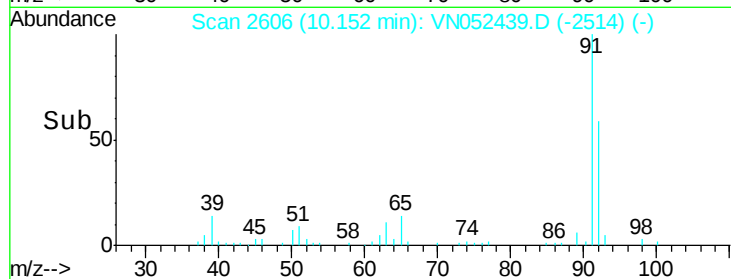
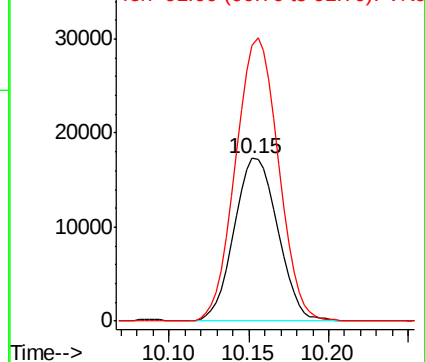
92 100

91 170.5 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052439.D

Acq: 21 Nov 2018 15:37

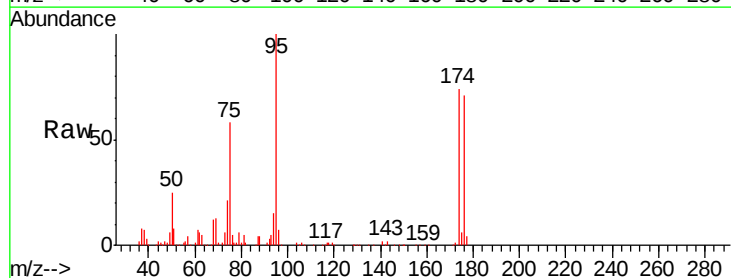
Tgt Ion: 95 Resp: 204866

Ion Ratio Lower Upper

95 100

174 74.2 0.0 156.0

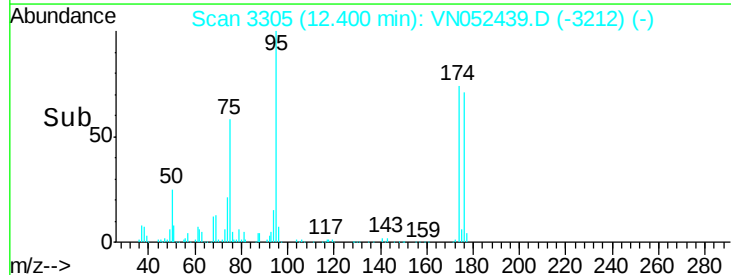
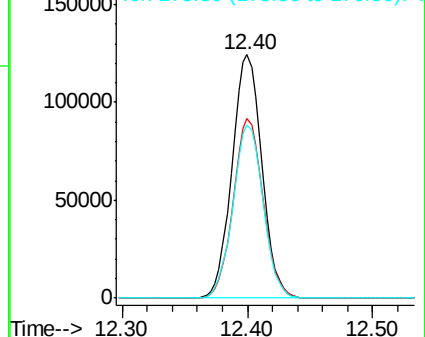
176 72.0 0.0 148.4

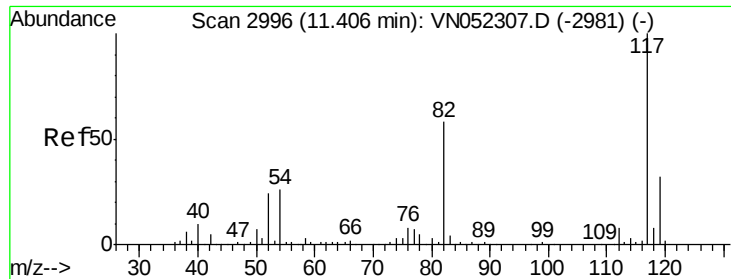


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

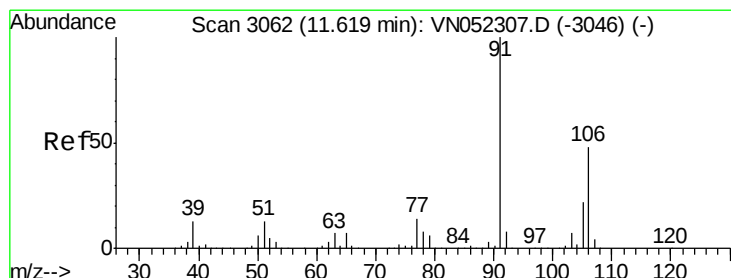
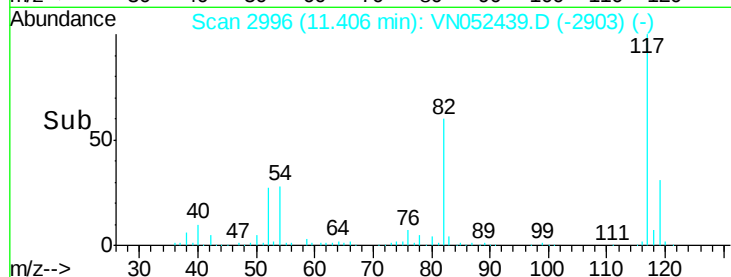
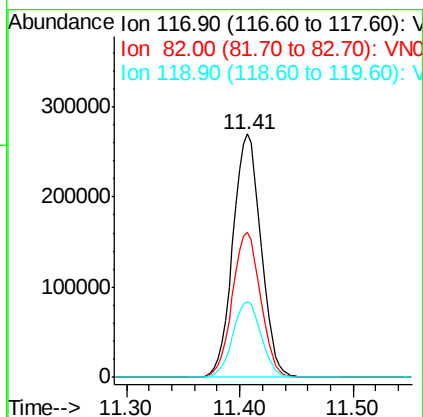
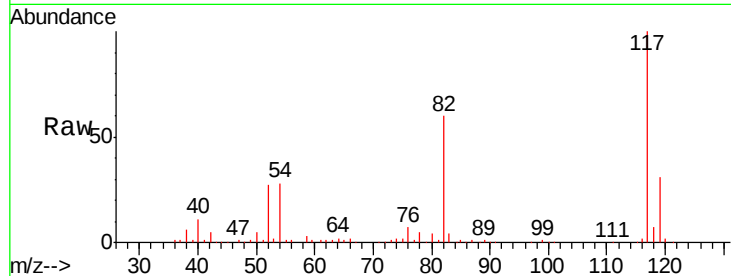




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

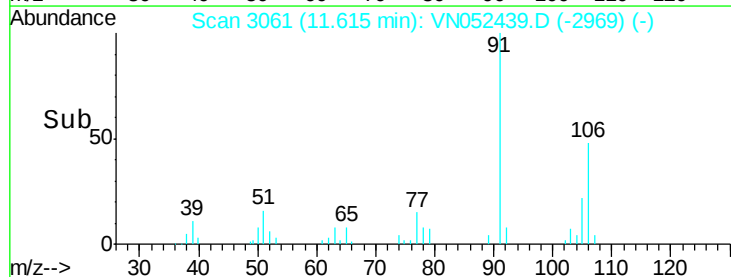
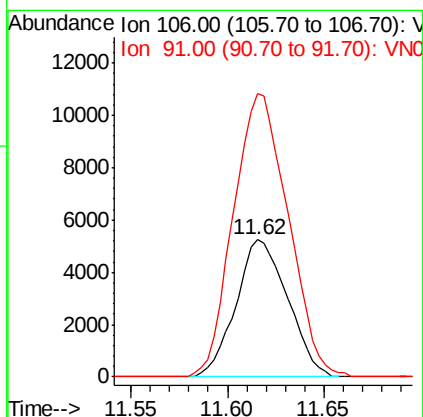
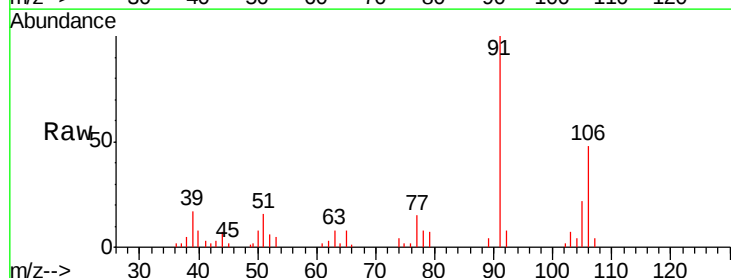
Instrument :
MSVOA_N
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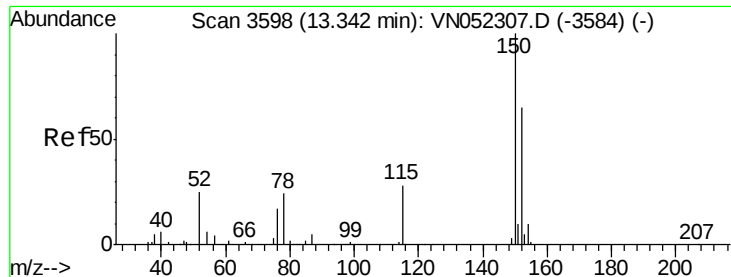
Tgt Ion:117 Resp: 466806
Ion Ratio Lower Upper
117 100
82 59.5 46.5 69.7
119 31.2 25.7 38.5



#68
m/p-Xylenes
Concen: 1.56 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Tgt Ion:106 Resp: 9749
Ion Ratio Lower Upper
106 100
91 218.3 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052439.D

Acq: 21 Nov 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

PL-01-112018-B

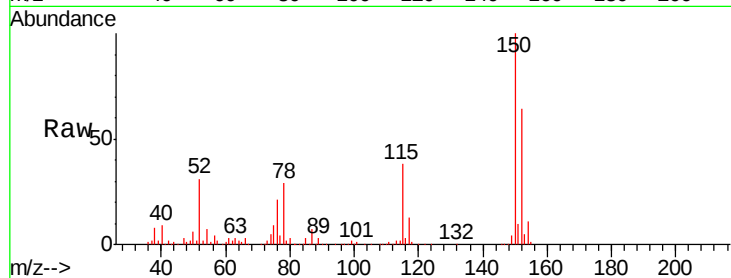
Tgt Ion:152 Resp: 162552

Ion Ratio Lower Upper

152 100

115 61.4 30.3 91.0

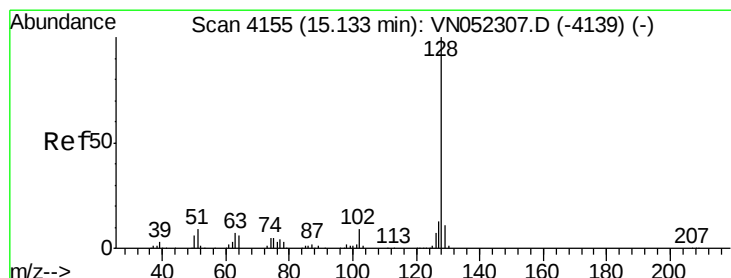
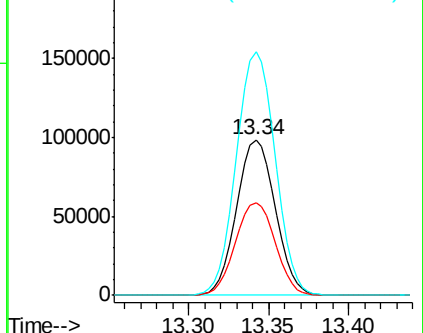
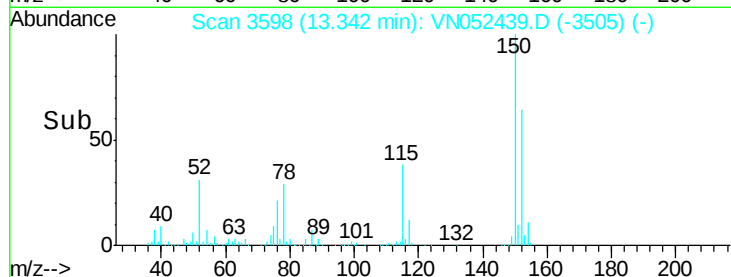
150 157.8 0.0 348.2



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: 5.60 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN052439.D

Acq: 21 Nov 2018 15:37

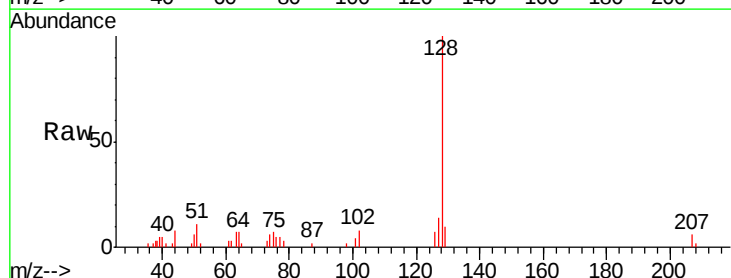
Tgt Ion:128 Resp: 18179

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.3 8.6 13.0



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

