

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050145.D
 Acq On : 27 Jul 2018 21:37
 Operator : MD\SY
 Sample : PB111513ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#05

Quant Time: Jul 28 01:07:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

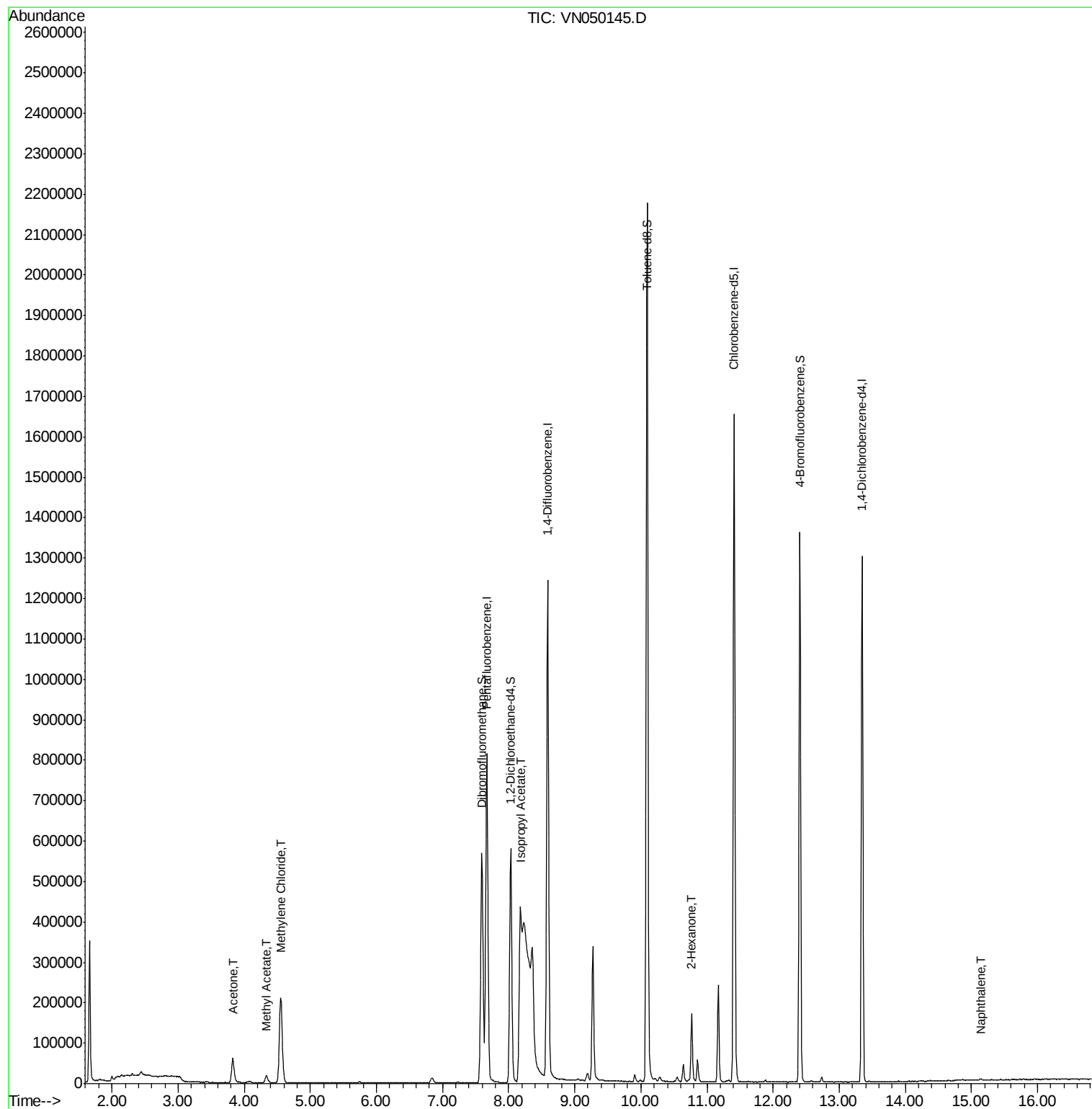
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	710062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1159181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	997655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	372048	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	494965	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	7.60	113	435462	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	10.09	98	1578490	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
62) 4-Bromofluorobenzene	12.41	95	459532	40.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.22%	
Target Compounds						
16) Acetone	3.83	43	102288	40.189	ug/l	100
18) Methyl Acetate	4.34	43	33122	2.088	ug/l	99
20) Methylene Chloride	4.55	84	166272	18.130	ug/l	98
43) Isopropyl Acetate	8.17	43	584241	33.677	ug/l #	82
59) 2-Hexanone	10.77	43	23256	8.637	ug/l #	59
95) Naphthalene	15.14	128	4306	4.646	ug/l #	95

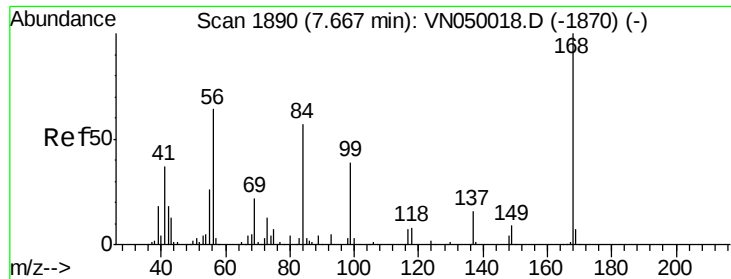
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050145.D

Acq: 27 Jul 2018 21:37

Instrument :

MSVOA_N

ClientSampleId :

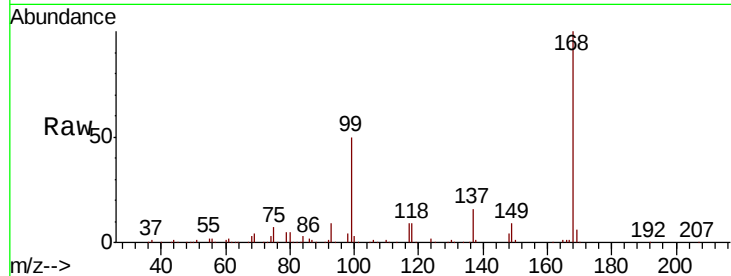
PB111513ZHE#05

Tot Ion:168 Resp: 710062

Ion Ratio Lower Upper

168 100

99 50.2 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

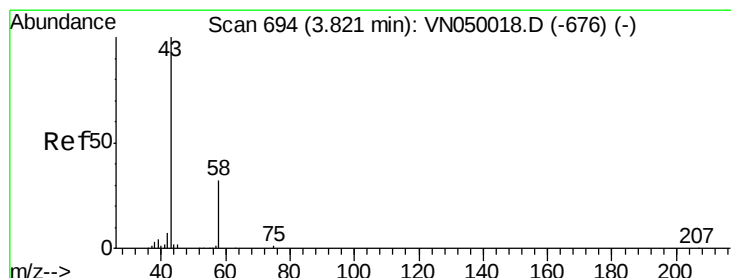
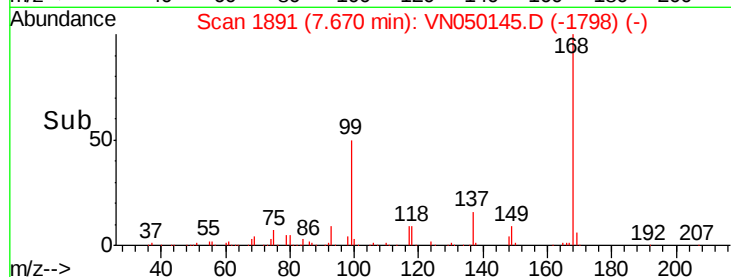
200000

100000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 40.189 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050145.D

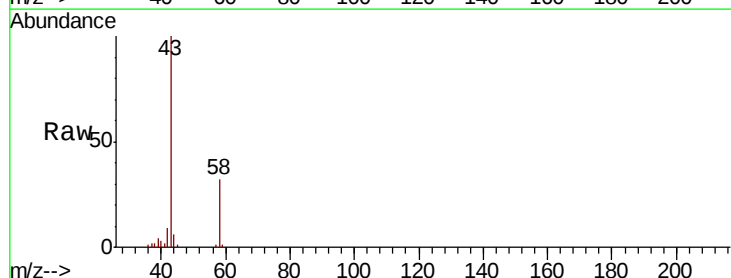
Acq: 27 Jul 2018 21:37

Tgt Ion: 43 Resp: 102288

Ion Ratio Lower Upper

43 100

58 32.1 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

40000

30000

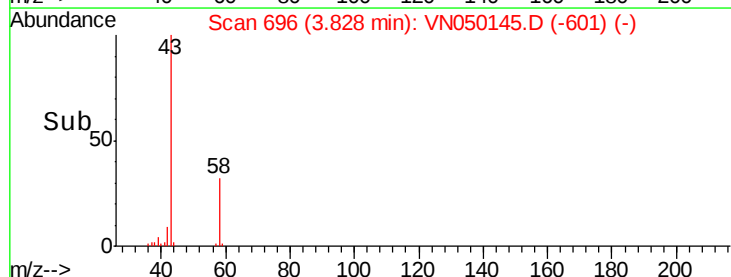
20000

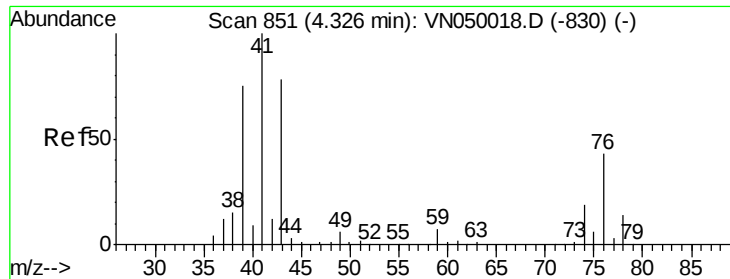
10000

0

Time-->

3.70 3.80 3.90

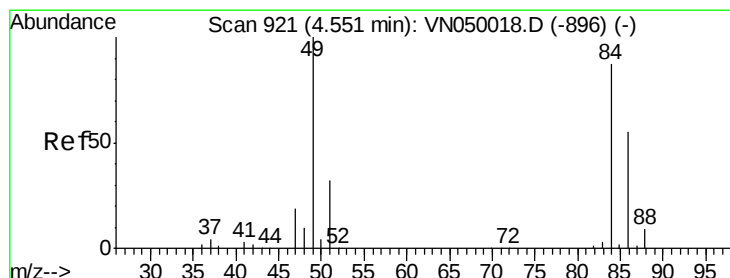
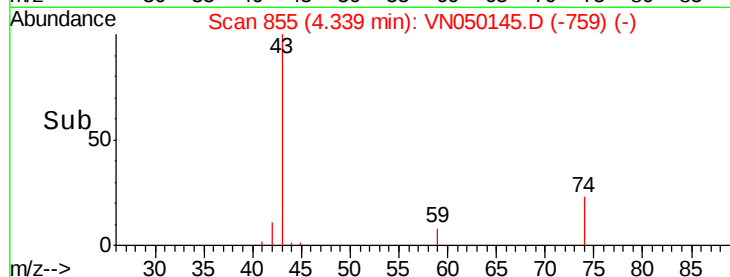
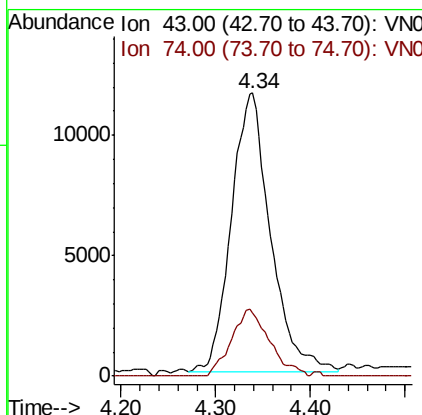
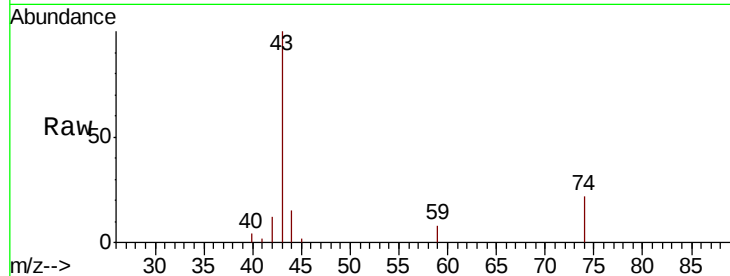




#18
Methvl Acetate
Concen: 2.088 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050145.D
Acq: 27 Jul 2018 21:37

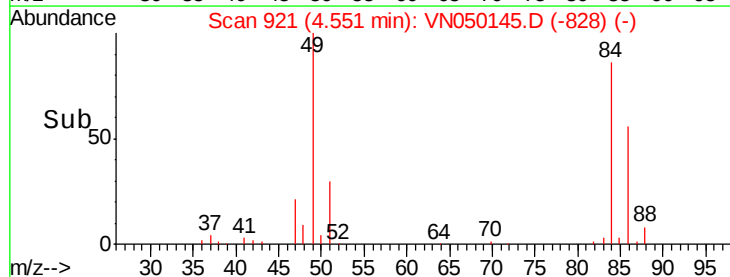
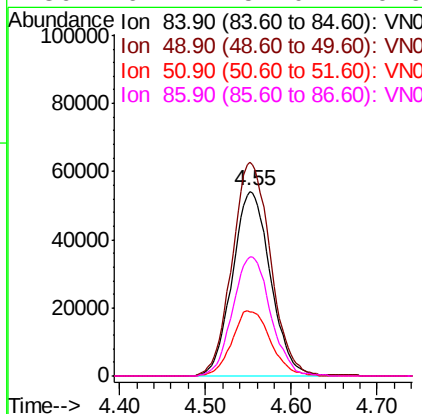
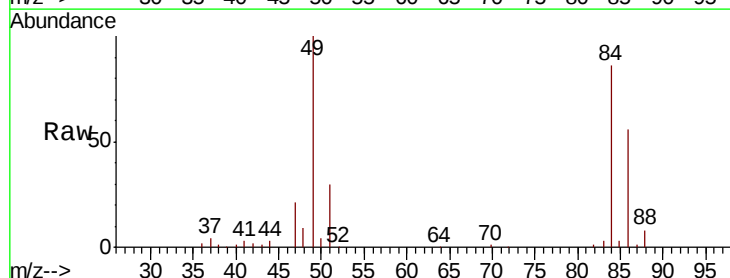
Instrument :
MSVOA_N
ClientSampleId :
PB111513ZHE#05

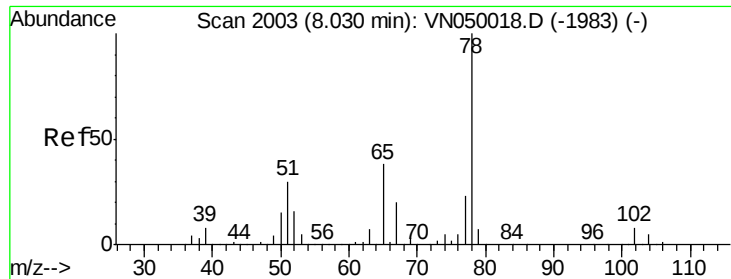
Tot Ion: 43 Resp: 33122
Ion Ratio Lower Upper
43 100
74 23.4 19.2 28.8



#20
Methylene Chloride
Concen: 18.130 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050145.D
Acq: 27 Jul 2018 21:37

Tgt Ion: 84 Resp: 166272
Ion Ratio Lower Upper
84 100
49 115.7 94.8 142.2
51 35.0 28.3 42.5
86 64.4 51.0 76.6

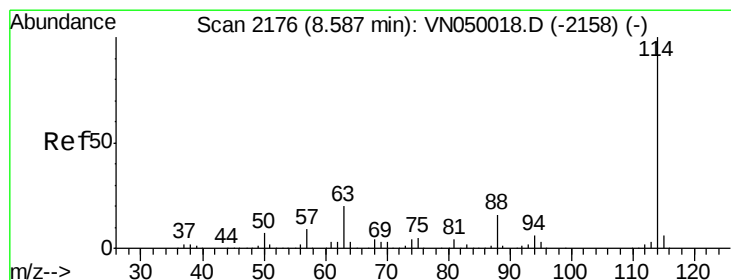
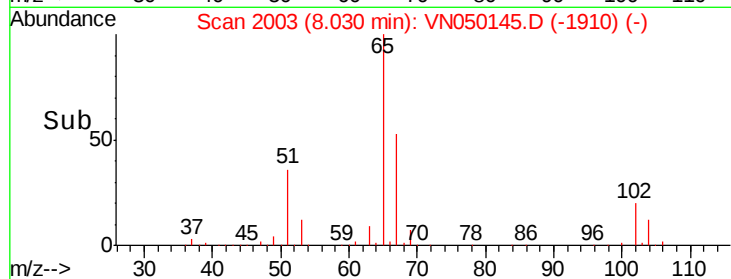
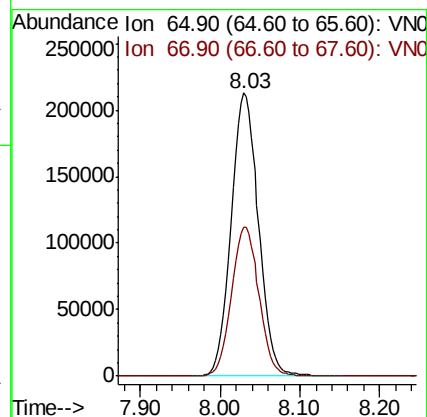
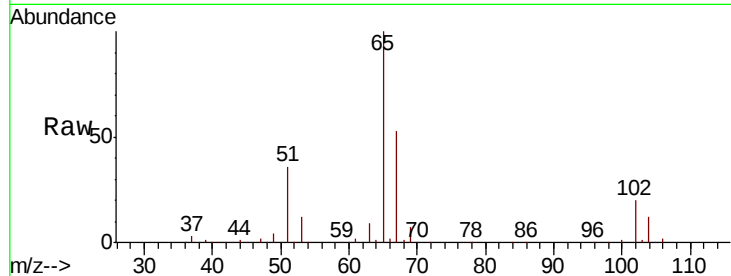




#33
 1,2-Dichloroethane-d4
 Concen: 49.961 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050145.D
 Acq: 27 Jul 2018 21:37

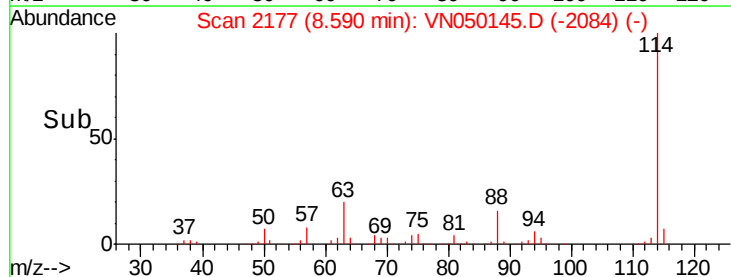
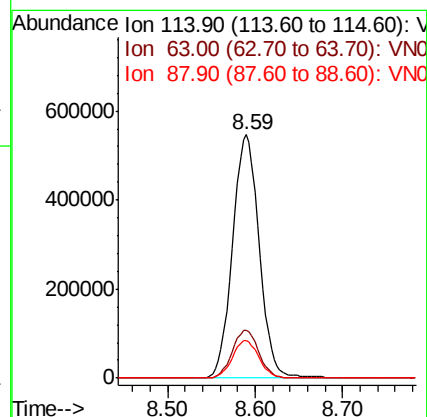
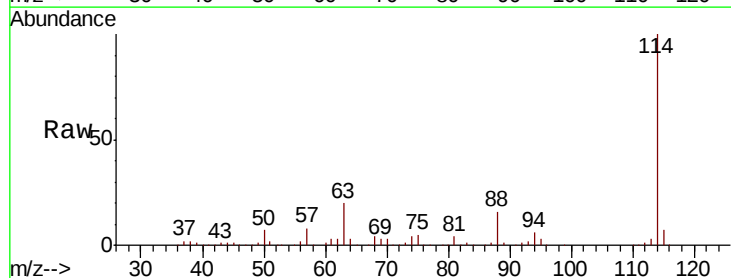
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#05

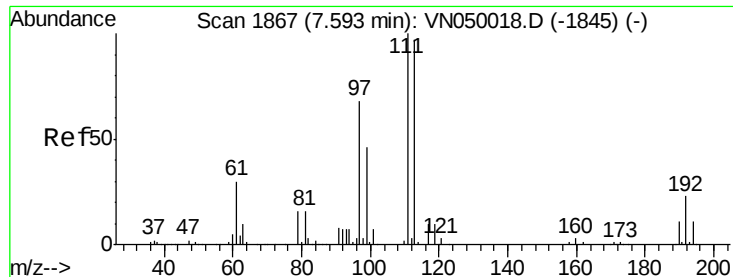
Tot Ion: 65 Resp: 494965
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050145.D
 Acq: 27 Jul 2018 21:37

Tgt Ion: 114 Resp: 1159181
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.5 0.0 31.2

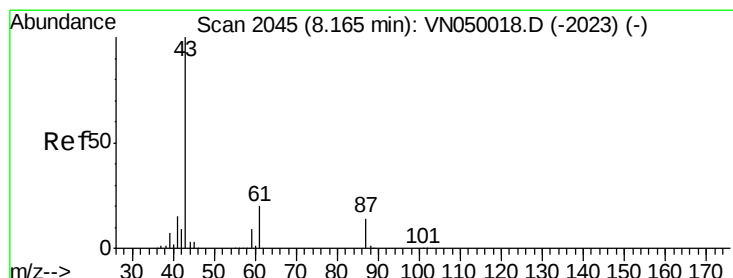
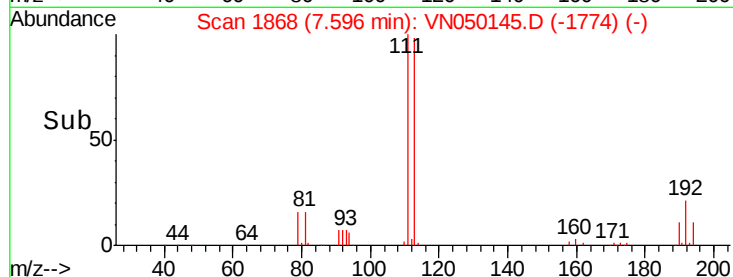
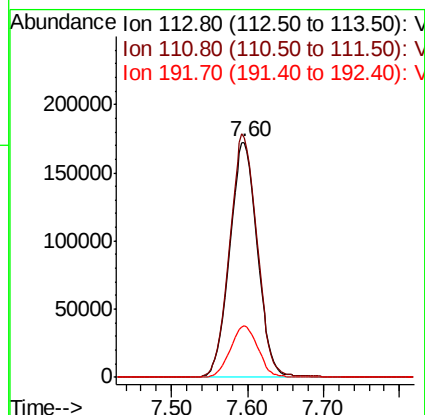
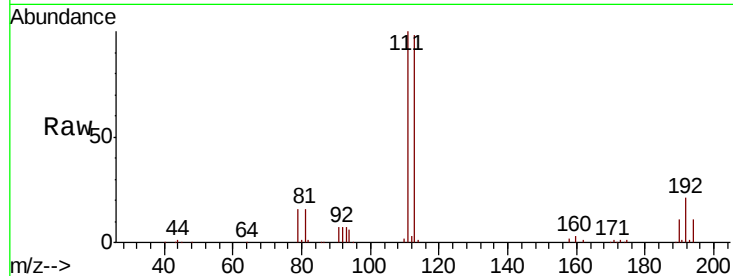




#35
 Dibromofluoromethane
 Concen: 46.010 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050145.D
 Acq: 27 Jul 2018 21:37

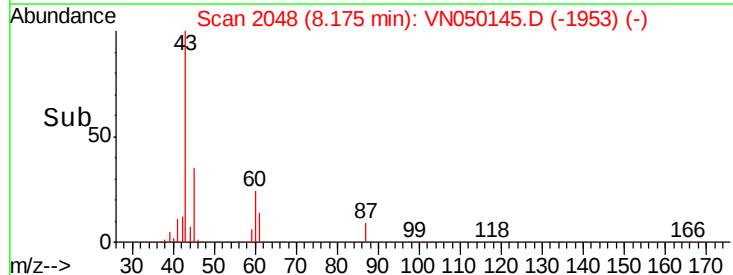
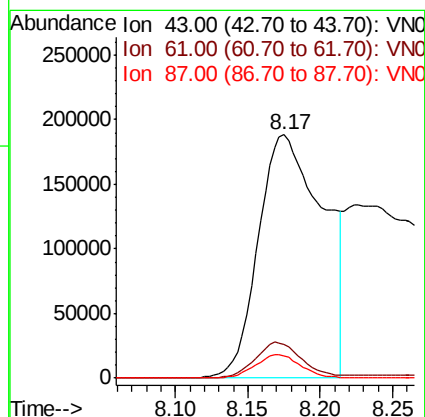
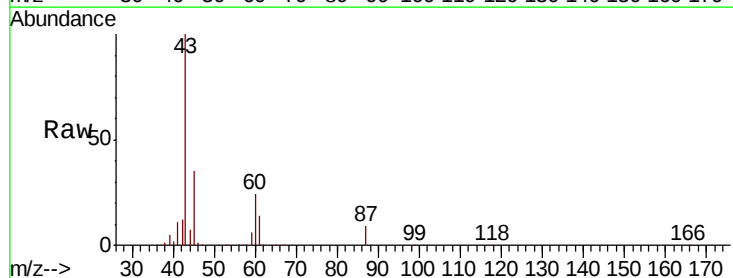
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#05

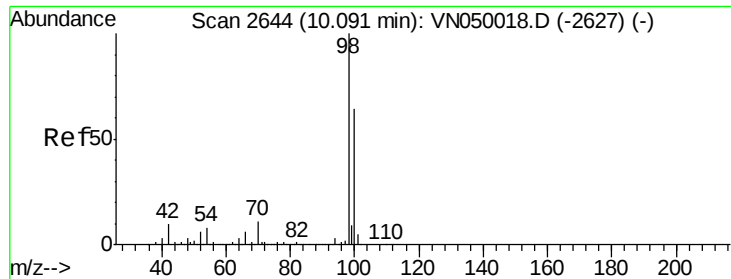
Tot Ion:113 Resp: 435462
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.7 121.1
 192 22.0 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 33.677 ug/l
 RT: 8.17 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN050145.D
 Acq: 27 Jul 2018 21:37

Tgt Ion: 43 Resp: 584241
 Ion Ratio Lower Upper
 43 100
 61 11.0 15.8 23.6#
 87 6.9 10.3 15.5#

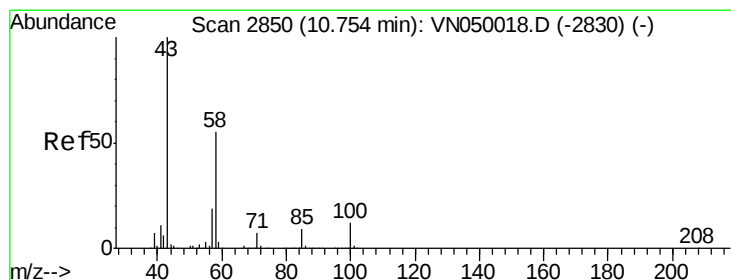
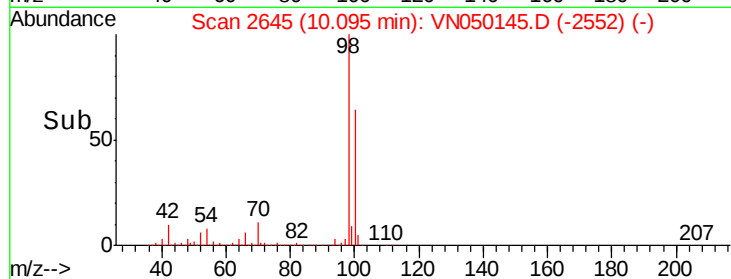
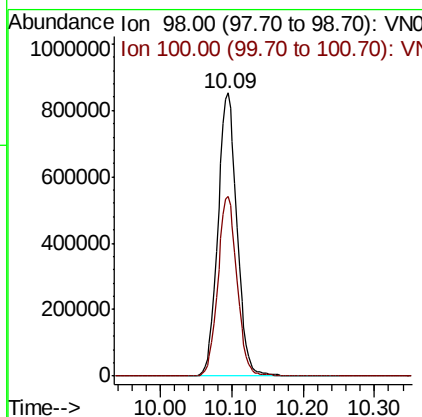
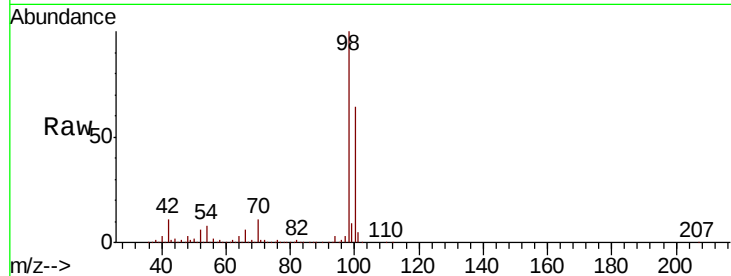




#50
Toluene-d8
Concen: 45.365 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050145.D
Acq: 27 Jul 2018 21:37

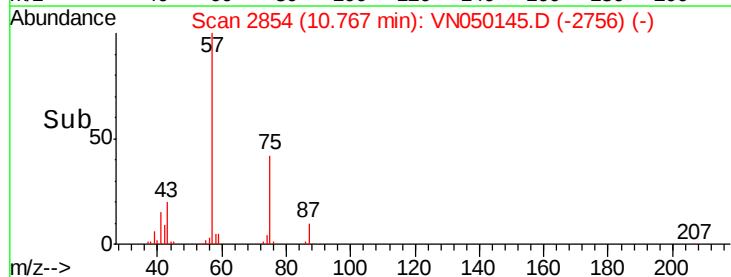
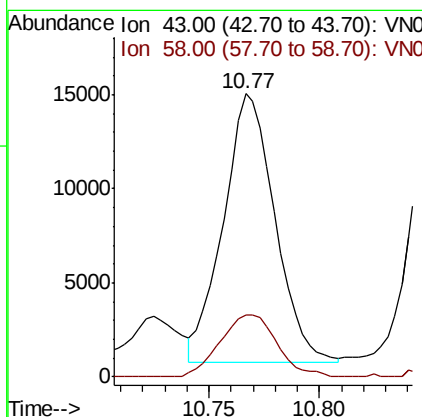
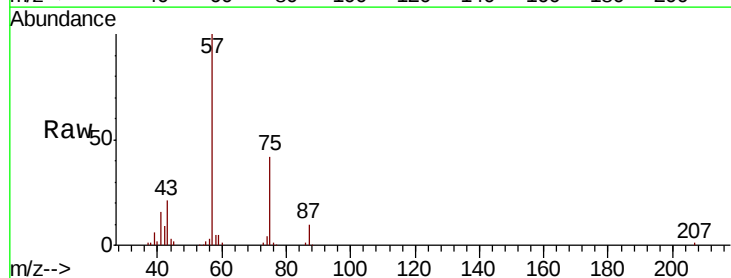
Instrument :
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ClientSampleId :
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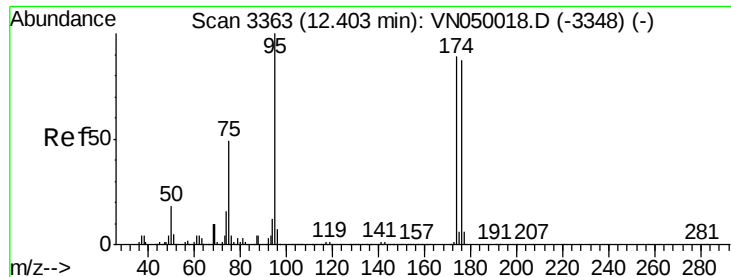
Tot Ion: 98 Resp: 1578490
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#59
2-Hexanone
Concen: 8.637 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050145.D
Acq: 27 Jul 2018 21:37

Tgt Ion: 43 Resp: 23256
Ion Ratio Lower Upper
43 100
58 25.4 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 40.109 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN050145.D

Acq: 27 Jul 2018 21:37

Instrument :

MSVOA_N

ClientSampleId :

PB111513ZHE#05

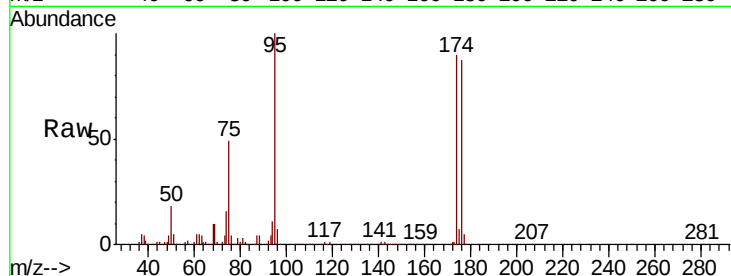
Tot Ion: 95 Resp: 459532

Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.2

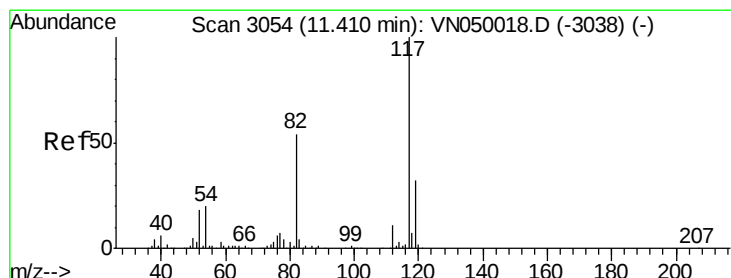
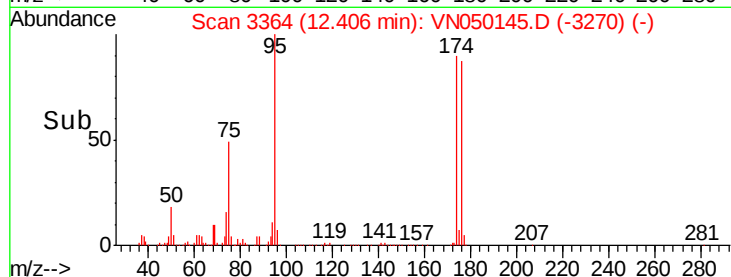
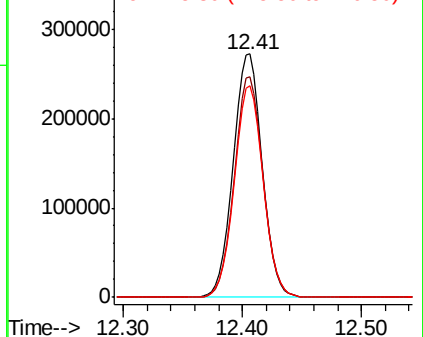
176 86.6 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050145.D

Acq: 27 Jul 2018 21:37

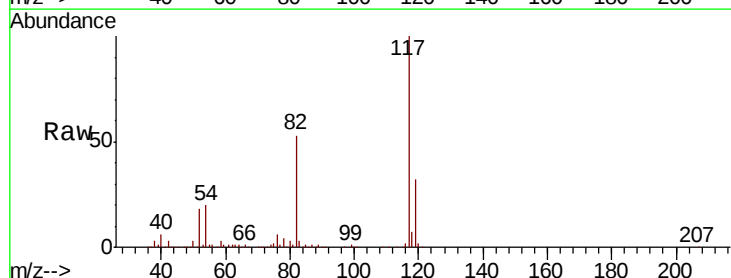
Tgt Ion: 117 Resp: 997655

Ion Ratio Lower Upper

117 100

82 53.4 43.7 65.5

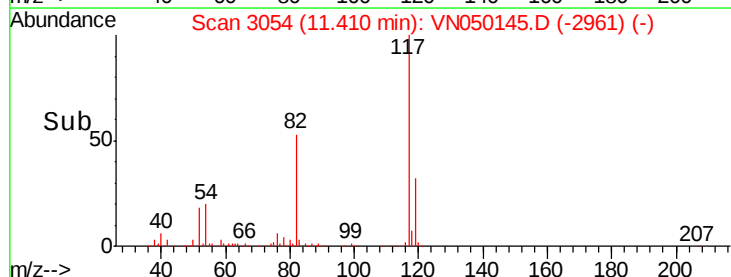
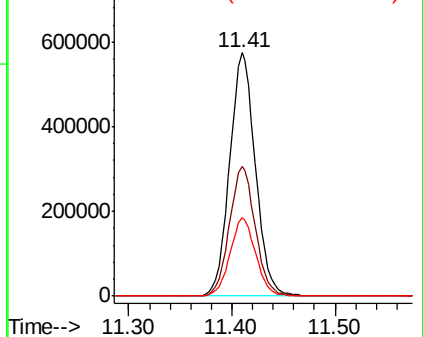
119 32.0 26.1 39.1

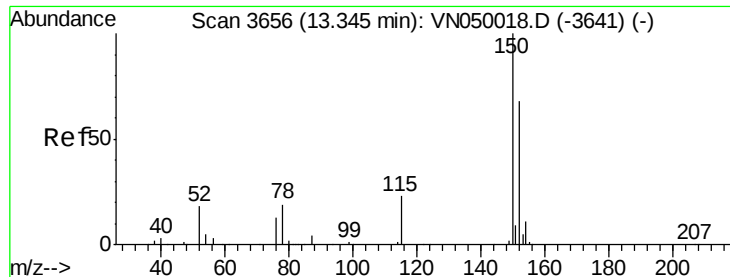


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050145.D

Acq: 27 Jul 2018 21:37

Instrument :

MSVOA_N

ClientSampleId :

PB111513ZHE#05

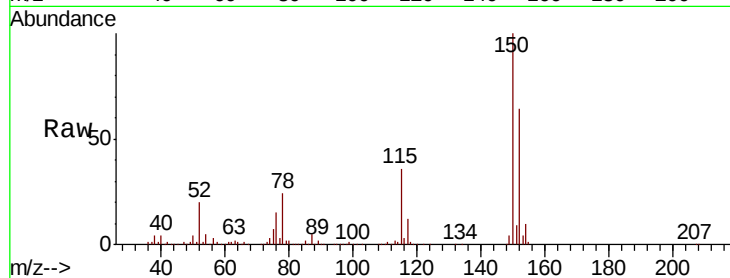
Tot Ion:152 Resp: 372048

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

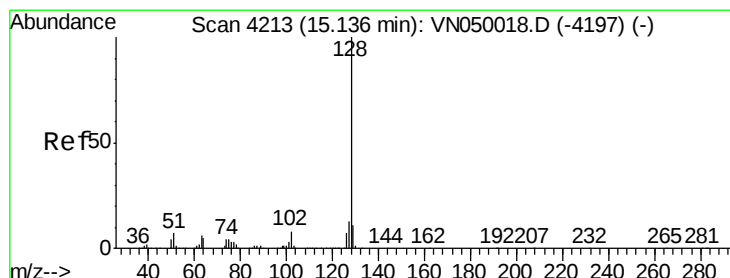
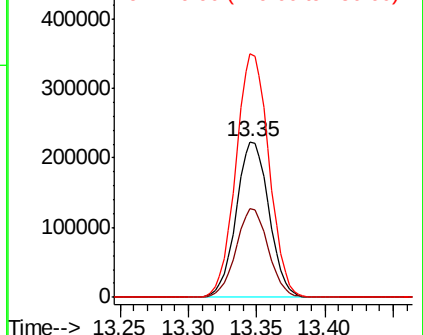
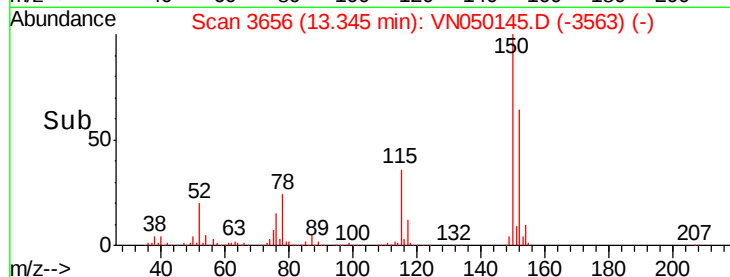
150 158.5 0.0 348.6



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: 4.646 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN050145.D

Acq: 27 Jul 2018 21:37

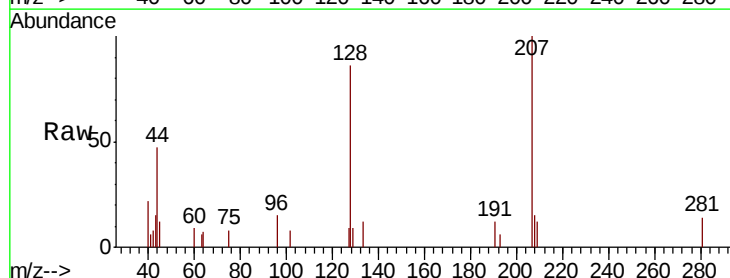
Tgt Ion:128 Resp: 4306

Ion Ratio Lower Upper

128 100

127 11.6 10.4 15.6

129 8.3 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

