

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059035.D
 Acq On : 31 Oct 2019 13:32
 Operator : JC/SP
 Sample : K5615-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-52

Quant Time: Nov 01 02:24:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

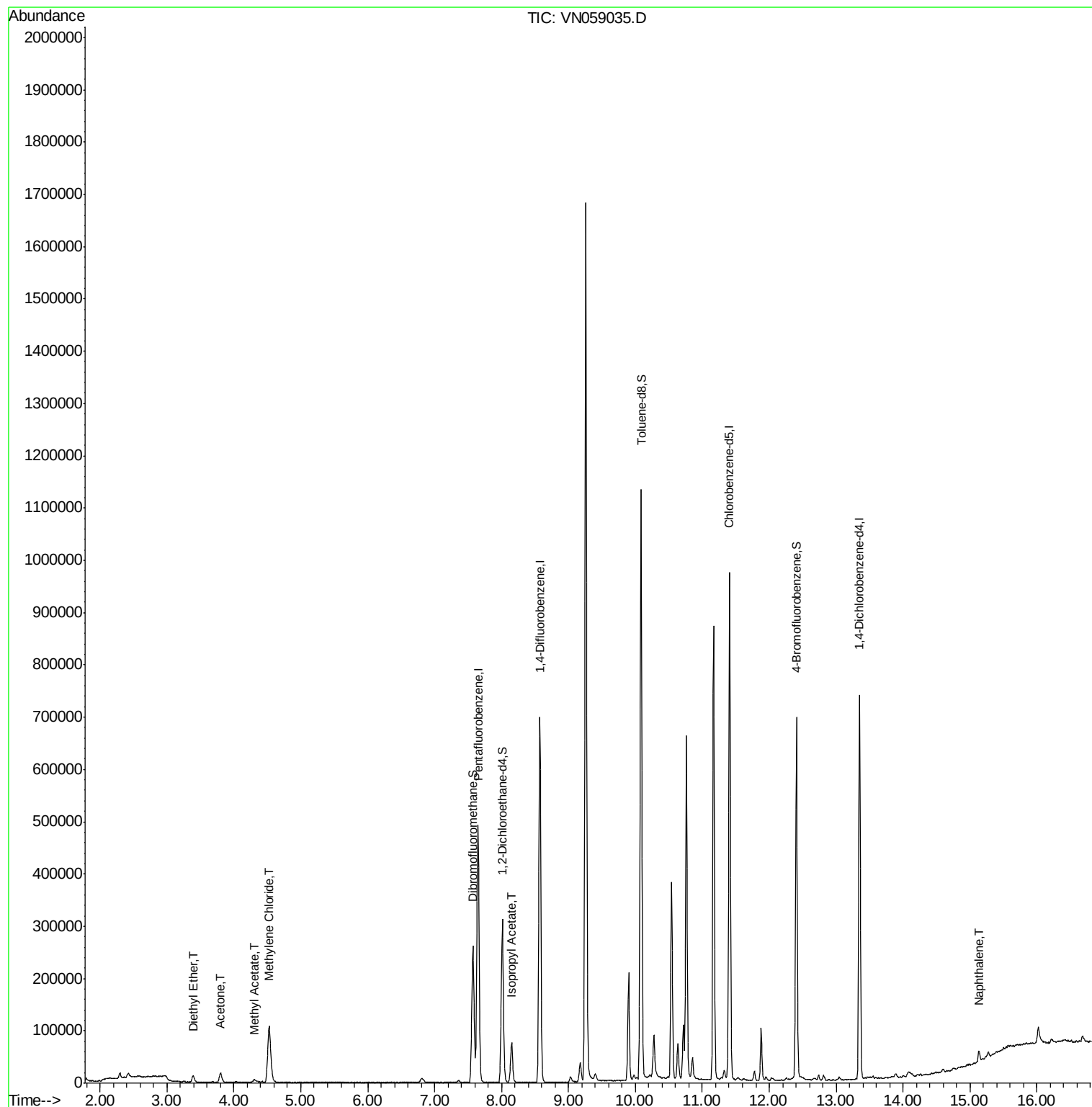
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	394503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	618828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	551513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	196682	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	268366	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
35) Dibromofluoromethane	7.57	113	200841	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	10.09	98	780750	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.41	95	243567	41.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.98%	
Target Compounds						
8) Diethyl Ether	3.40	74	5848	2.261	ug/l	96
16) Acetone	3.80	43	31342	10.962	ug/l	98
18) Methyl Acetate	4.31	43	10216	1.572	ug/l #	75
20) Methylene Chloride	4.53	84	82835	16.967	ug/l	97
43) Isopropyl Acetate	8.15	43	89790	8.110	ug/l #	92
95) Naphthalene	15.13	128	17026	3.669	ug/l	97

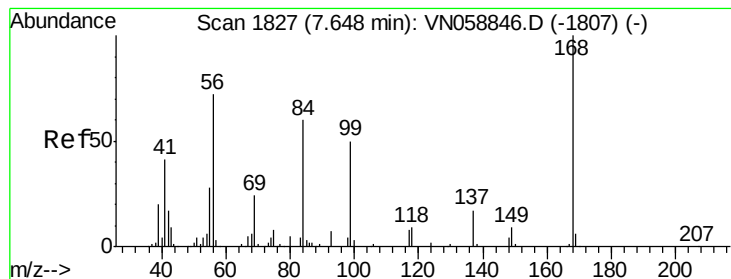
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
Data File : VN059035.D
Acq On : 31 Oct 2019 13:32
Operator : JC/SP
Sample : K5615-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RBR-52

Quant Time: Nov 01 02:24:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

Instrument :

MSVOA_N

ClientSampled :

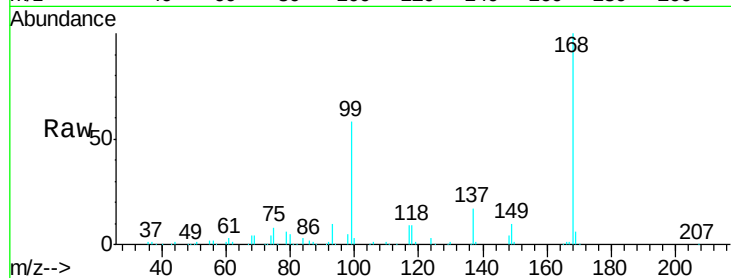
RBR-52

Tgt Ion:168 Resp: 394503

Ion Ratio Lower Upper

168 100

99 57.6 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

150000

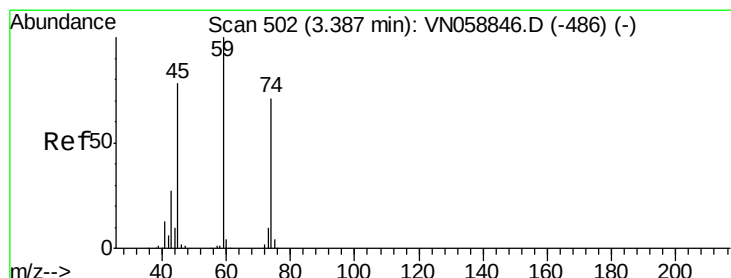
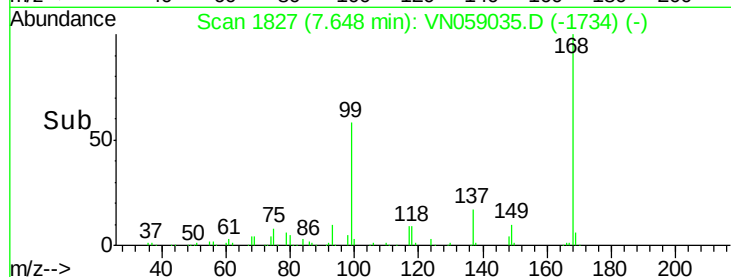
100000

50000

0

7.60 7.70

Time-->



#8

Diethyl Ether

Concen: 2.261 ug/l

RT: 3.40 min Scan# 505

Delta R.T. 0.01 min

Lab File: VN059035.D

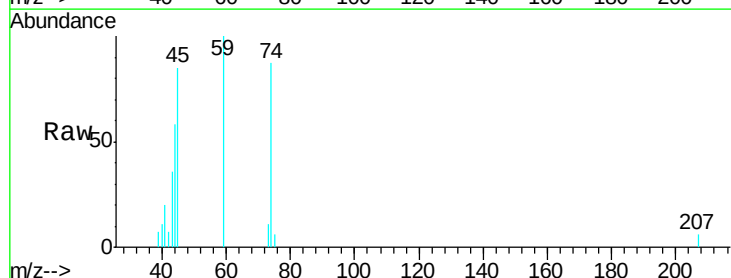
Acq: 31 Oct 2019 13:32

Tgt Ion: 74 Resp: 5848

Ion Ratio Lower Upper

74 100

45 114.4 54.9 164.5



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

3.40

3000

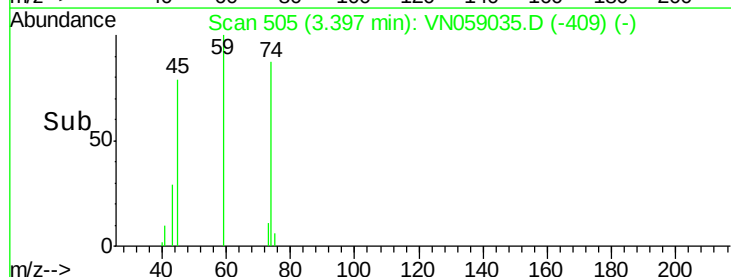
2000

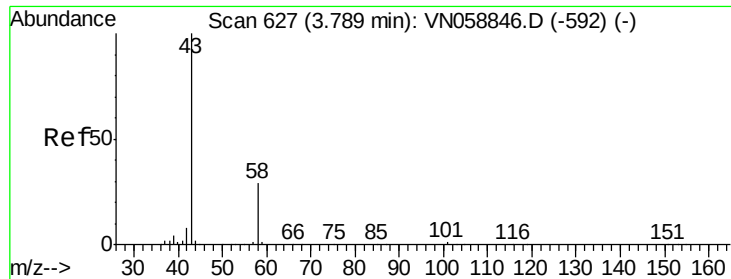
1000

0

3.35 3.40 3.45

Time-->

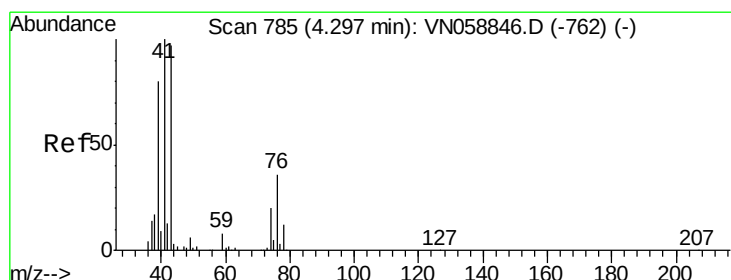
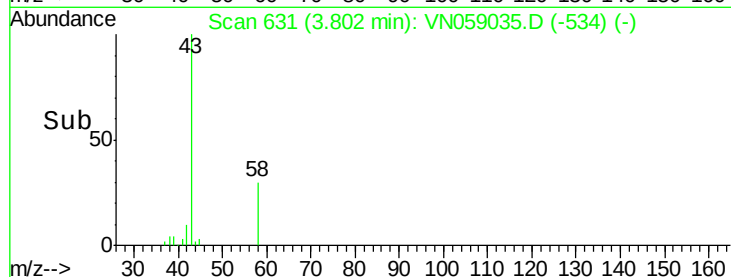
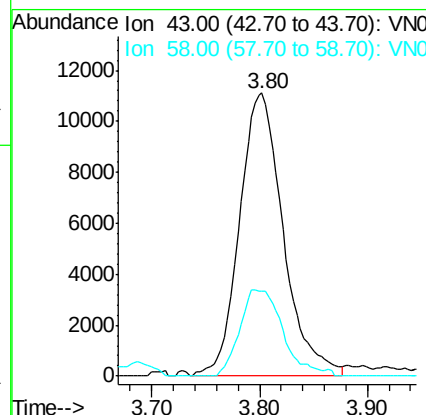
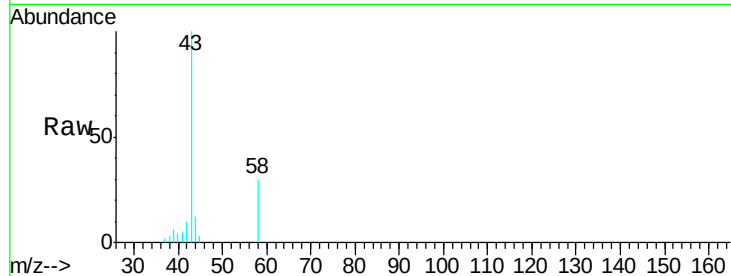




#16
Acetone
Concen: 10.962 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN059035.D
Acq: 31 Oct 2019 13:32

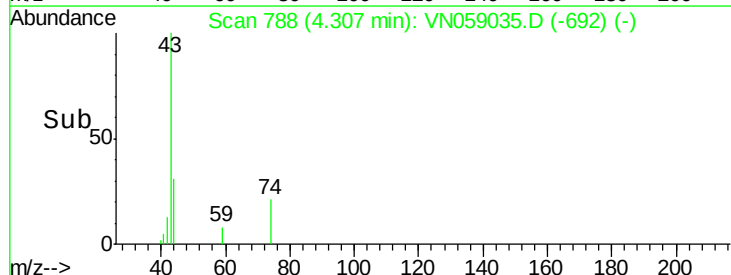
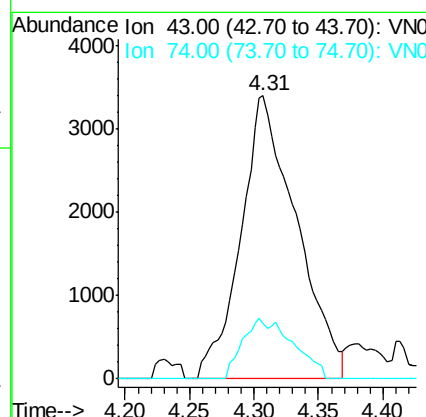
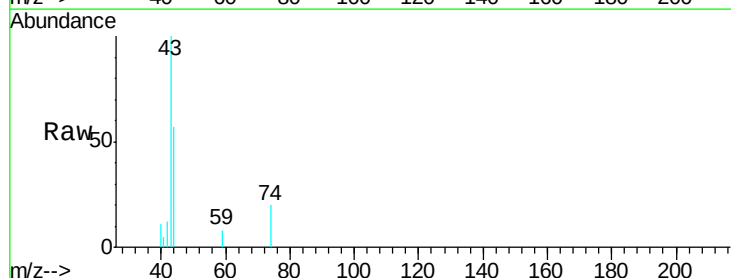
Instrument :
MSVOA_N
ClientSampled :
RBR-52

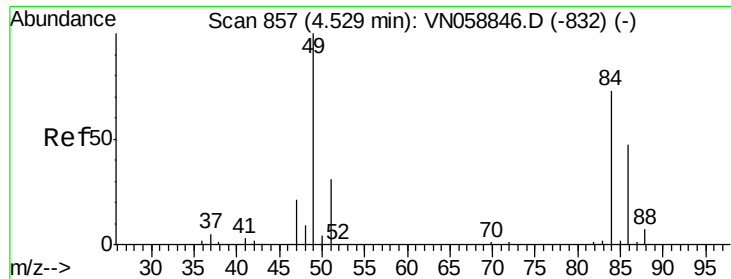
Tgt Ion: 43 Resp: 31342
Ion Ratio Lower Upper
43 100
58 29.9 23.1 34.7



#18
Methyl Acetate
Concen: 1.572 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN059035.D
Acq: 31 Oct 2019 13:32

Tgt Ion: 43 Resp: 10216
Ion Ratio Lower Upper
43 100
74 9.6 17.1 25.7#

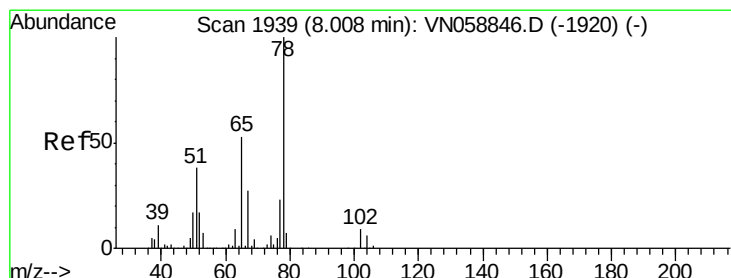
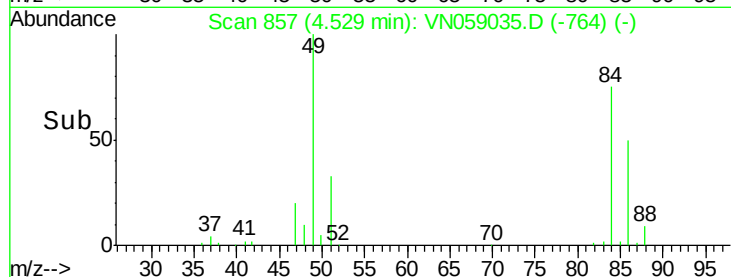
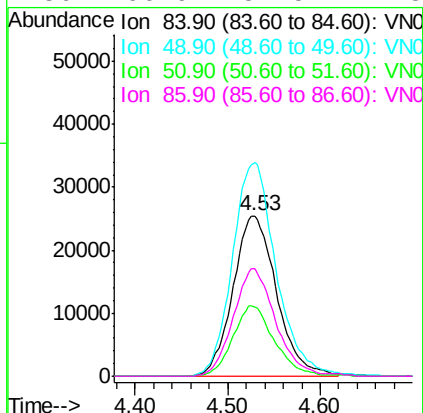
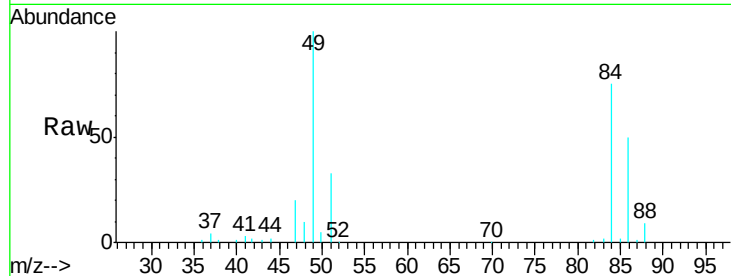




#20
Methylene Chloride
Concen: 16.967 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN059035.D
Acq: 31 Oct 2019 13:32

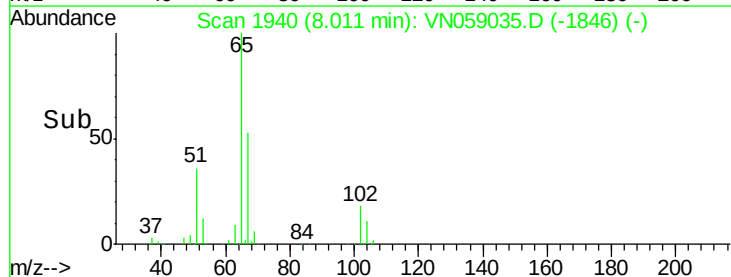
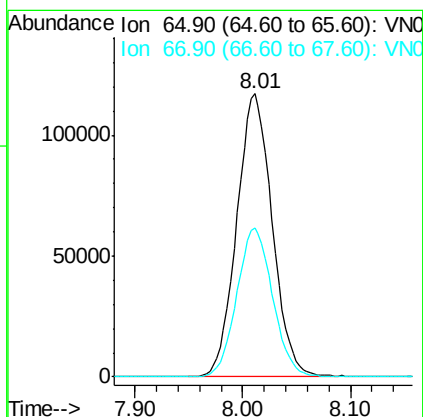
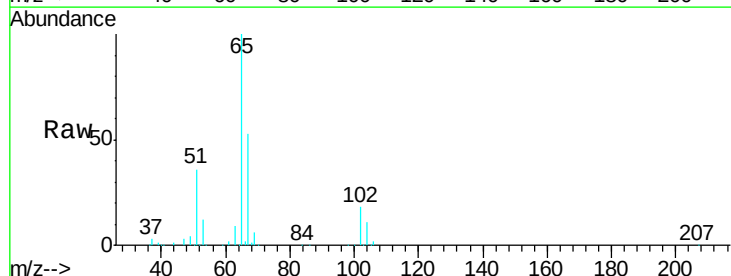
Instrument :
MSVOA_N
ClientSampled :
RBR-52

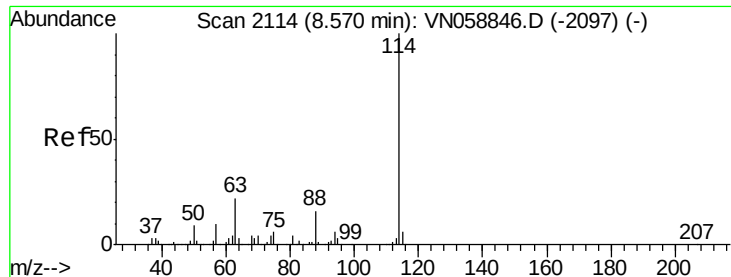
Tgt Ion:	84	Resp:	82835
Ion	Ratio	Lower	Upper
84	100		
49	133.4	109.6	164.4
51	43.5	33.8	50.6
86	66.9	51.5	77.3



#33
1,2-Dichloroethane-d4
Concen: 46.382 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN059035.D
Acq: 31 Oct 2019 13:32

Tgt Ion:	65	Resp:	268366
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.2

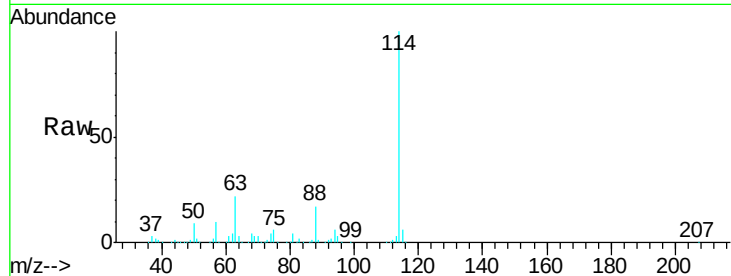




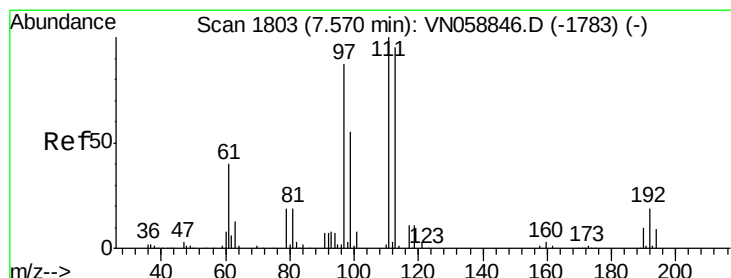
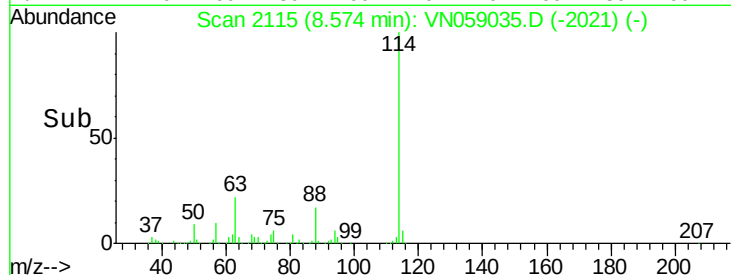
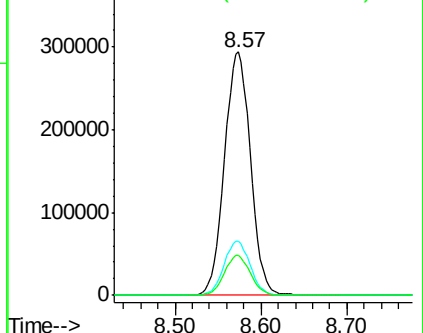
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN059035.D
 Acq: 31 Oct 2019 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.4
88	16.5	0.0	31.4

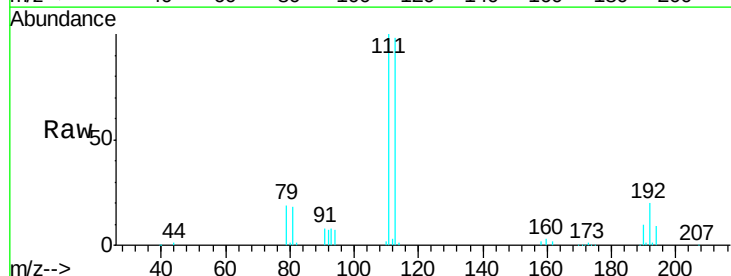


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

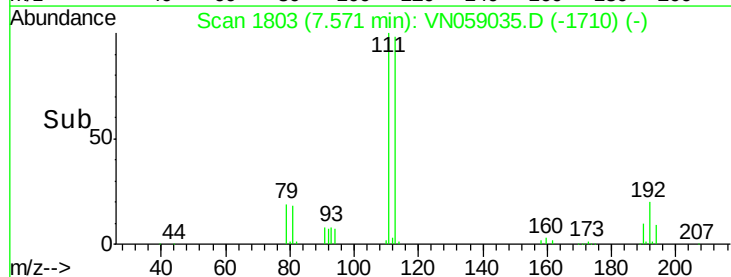
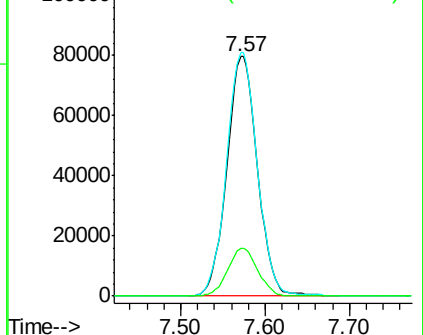


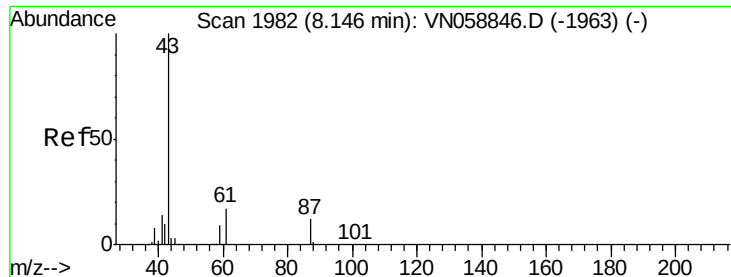
#35
 Dibromofluoromethane
 Concen: 49.363 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059035.D
 Acq: 31 Oct 2019 13:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	19.7	15.0	22.6



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: 8.110 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

Instrument :

MSVOA_N

ClientSampled :

RBR-52

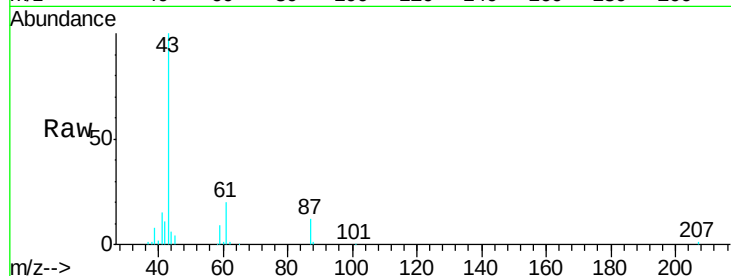
Tgt Ion: 43 Resp: 89790

Ion Ratio Lower Upper

43 100

61 19.2 20.2 30.2#

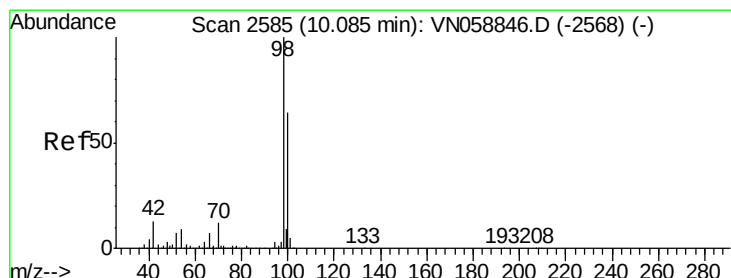
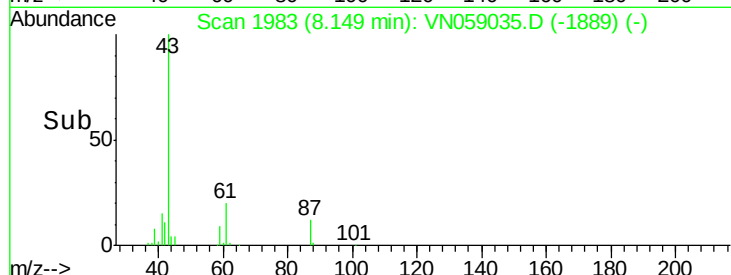
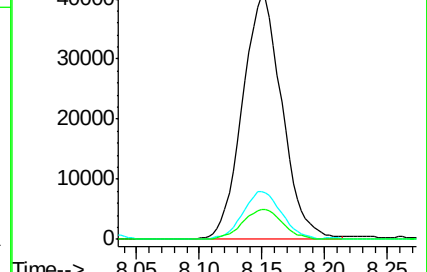
87 12.3 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN058846.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN058846.D (-1963) (-)



#50

Toluene-d8

Concen: 49.434 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN059035.D

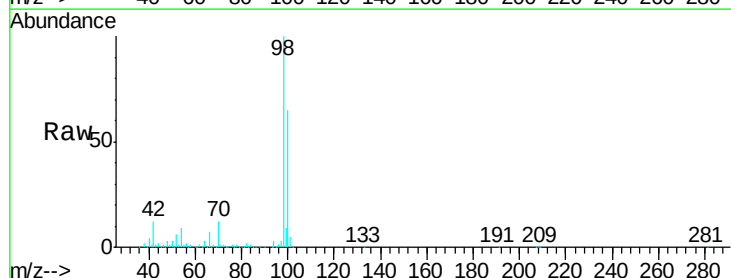
Acq: 31 Oct 2019 13:32

Tgt Ion: 98 Resp: 780750

Ion Ratio Lower Upper

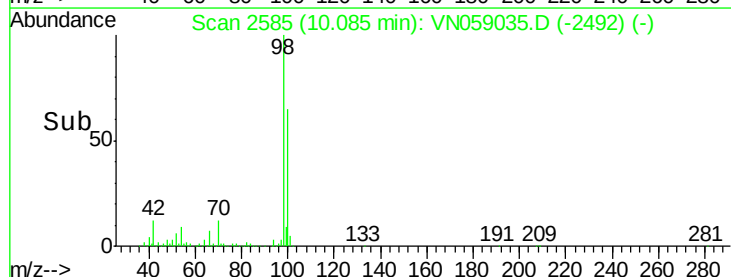
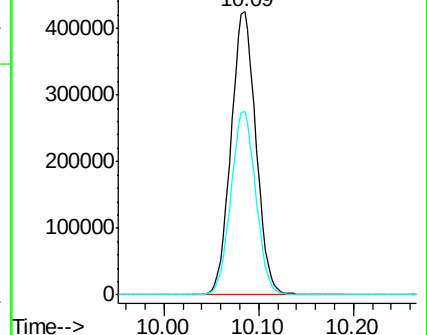
98 100

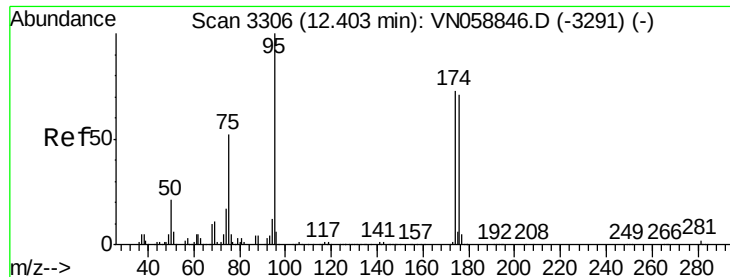
100 64.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN058846.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN058846.D (-2568) (-)





#62

4-Bromofluorobenzene

Concen: 41.995 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

Instrument :

MSVOA_N

ClientSampled :

RBR-52

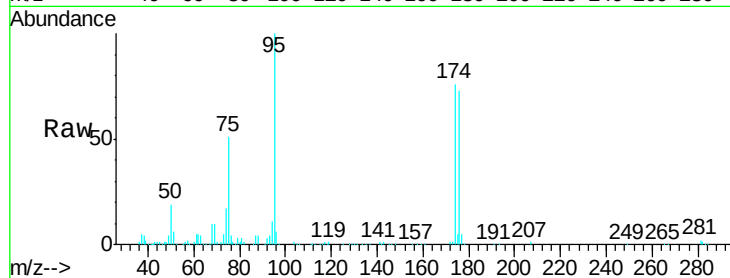
Tgt Ion: 95 Resp: 243567

Ion Ratio Lower Upper

95 100

174 77.6 0.0 147.6

176 74.4 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058846.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058846.D (-3291) (-)

12.41

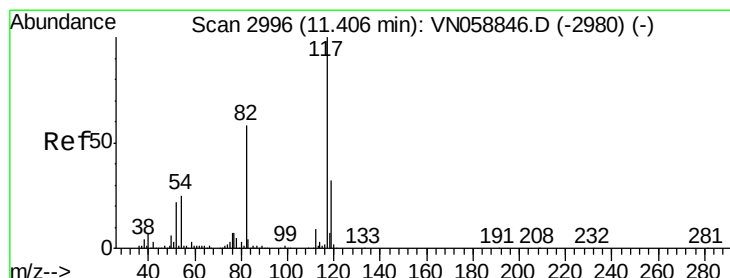
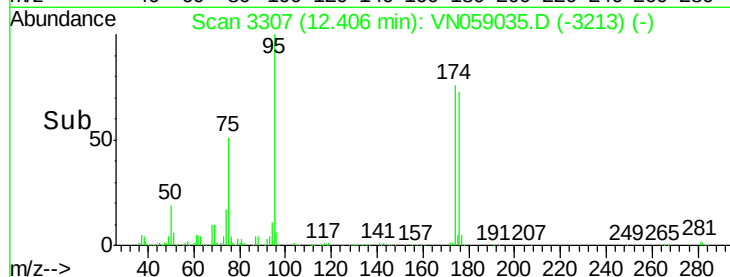
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

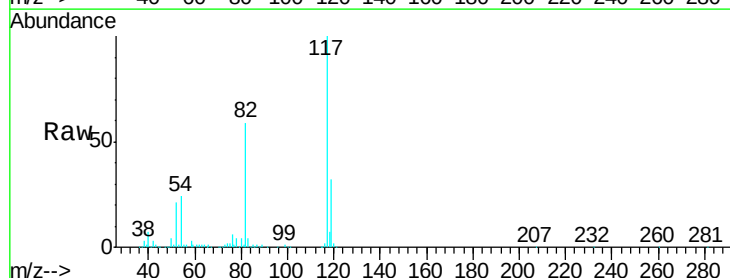
Tgt Ion: 117 Resp: 551513

Ion Ratio Lower Upper

117 100

82 58.8 46.6 69.8

119 32.4 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VN058846.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058846.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058846.D (-2980) (-)

11.41

400000

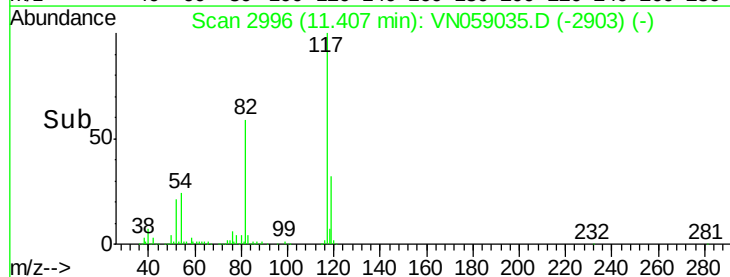
300000

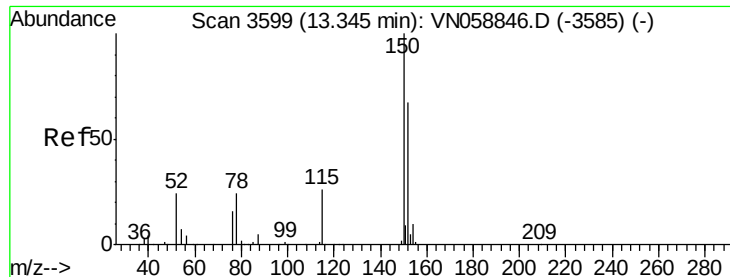
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

RBR-52

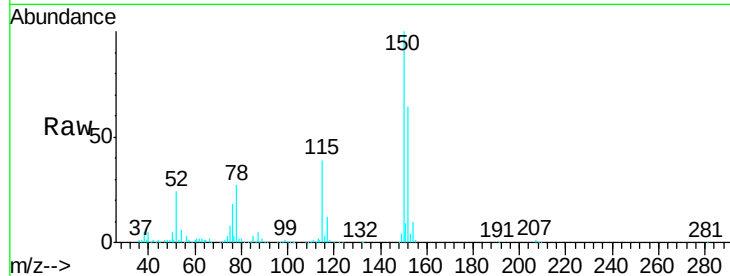
Tgt Ion:152 Resp: 196682

Ion Ratio Lower Upper

152 100

115 59.7 30.5 91.5

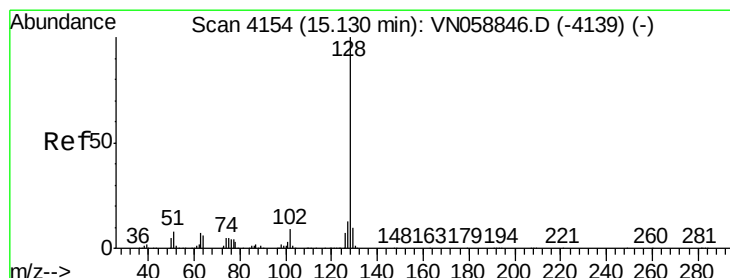
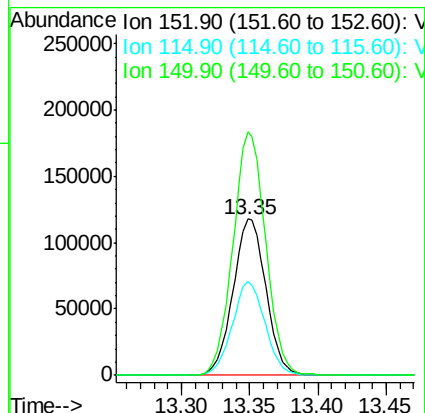
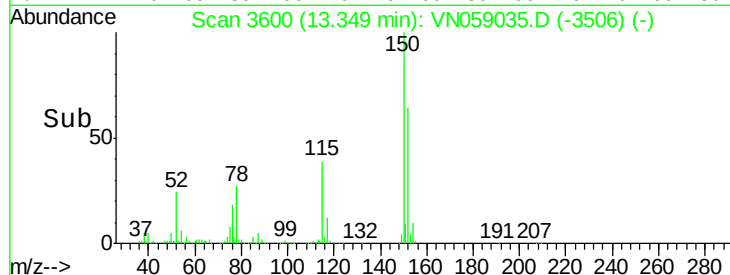
150 155.1 0.0 344.4



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: 3.669 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

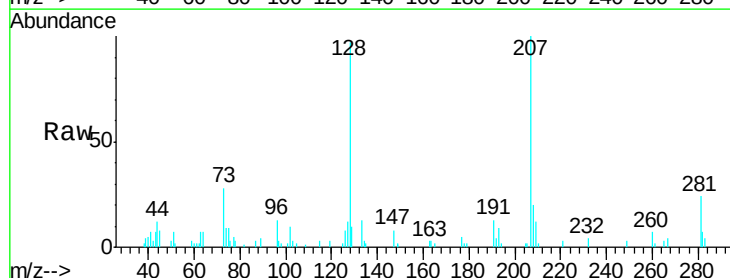
Tgt Ion:128 Resp: 17026

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 12.3 8.4 12.6



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

