

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054365.D
 Acq On : 17 Mar 2019 5:05
 Operator : JC/SP
 Sample : K1958-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Mar 18 08:25:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

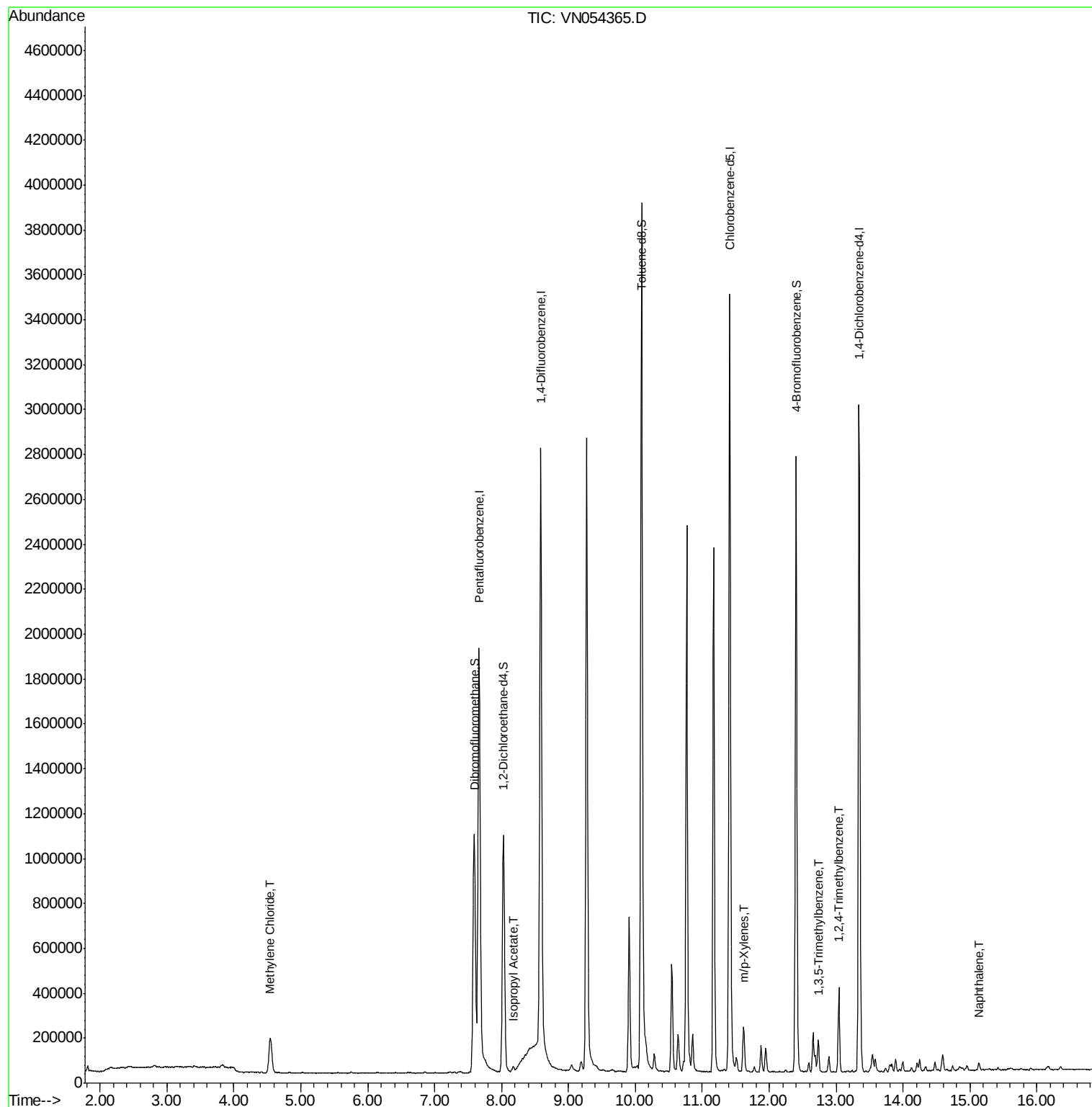
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1849377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2715910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2282854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	878741	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	922520	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
35) Dibromofluoromethane	7.59	113	820900	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
50) Toluene-d8	10.09	98	3124799	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.40	95	944715	41.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.48%	
Target Compounds						
20) Methylene Chloride	4.55	84	122442	6.631	ug/l	97
43) Isopropyl Acetate	8.17	43	27774	1.101	ug/l	96
68) m/p-Xylenes	11.62	106	70204	2.162	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	77818	1.331	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	222793	3.883	ug/l	98
95) Naphthalene	15.13	128	33369	4.275	ug/l	98

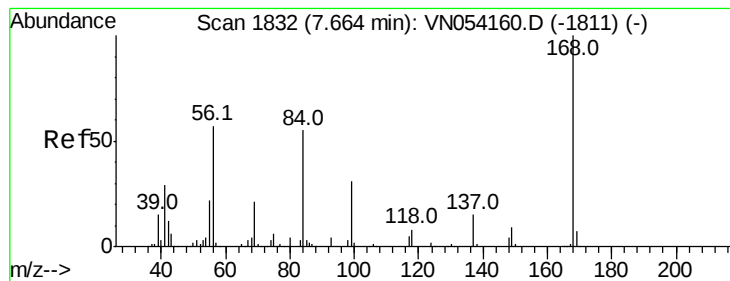
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-3

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054365.D

Acq: 17 Mar 2019 5:05

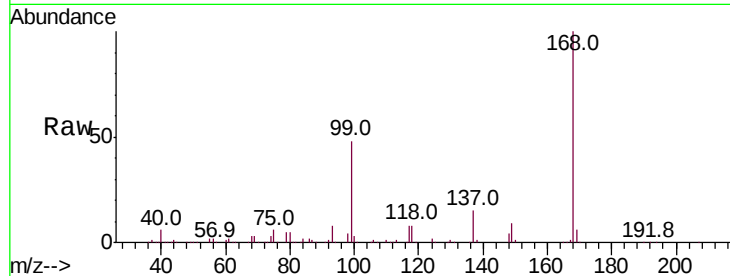
Instrument :
MSVOA_N
ClientSampled :
TP-3

Tot Ion:168 Resp: 1849377

Ion Ratio Lower Upper

168 100

99 48.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

800000

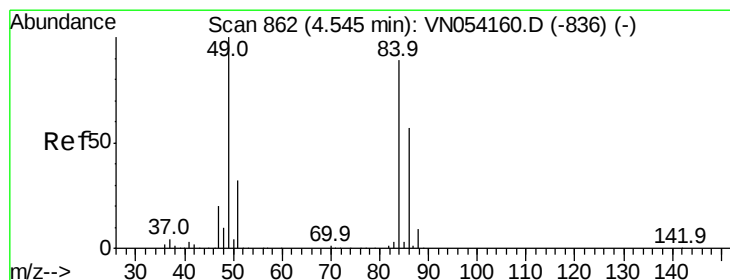
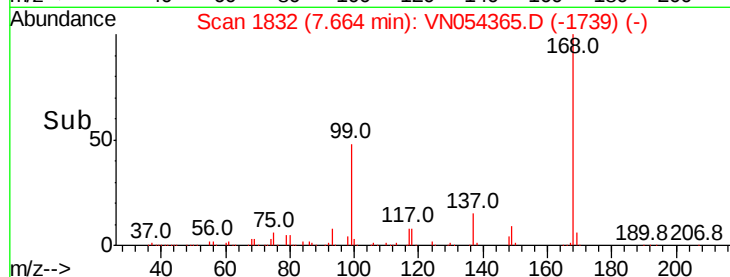
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 6.631 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054365.D

Acq: 17 Mar 2019 5:05

Tgt Ion: 84 Resp: 122442

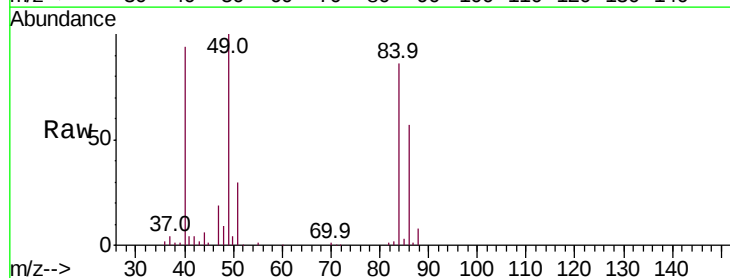
Ion Ratio Lower Upper

84 100

49 114.9 89.7 134.5

51 34.5 28.2 42.4

86 66.4 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

4.55

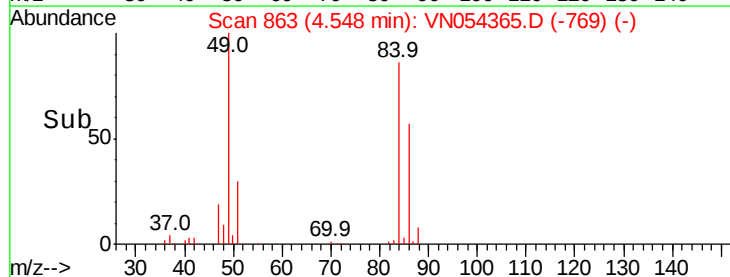
60000

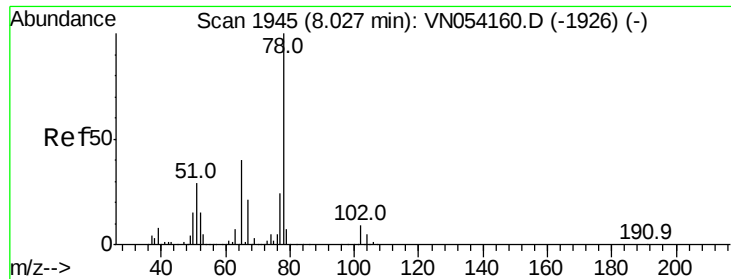
40000

20000

0

Time--> 4.40 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 46.970 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

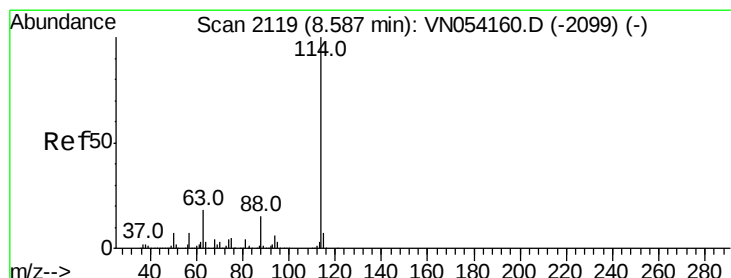
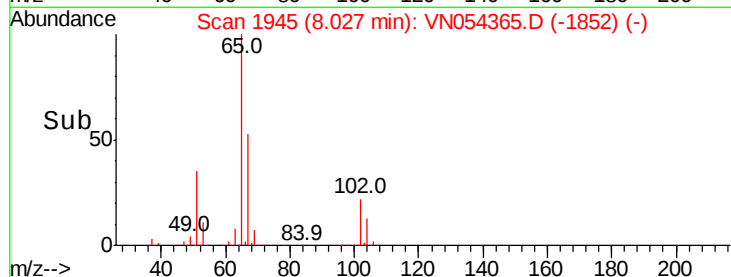
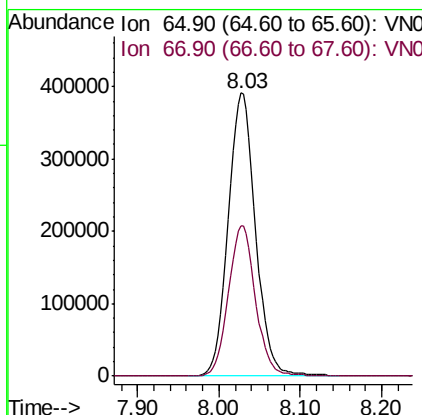
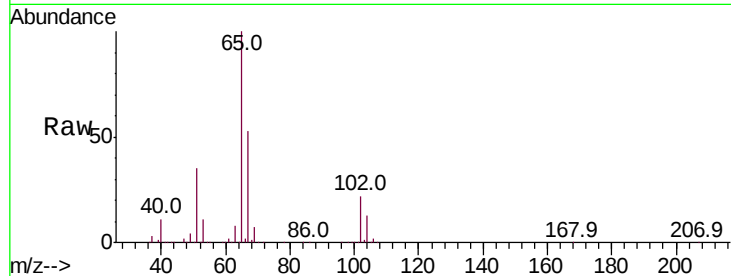
Lab File: VN054365.D

Acq: 17 Mar 2019 5:05

Instrument :
MSVOA_N
ClientSampled :
TP-3

Tot Ion: 65 Resp: 922520

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

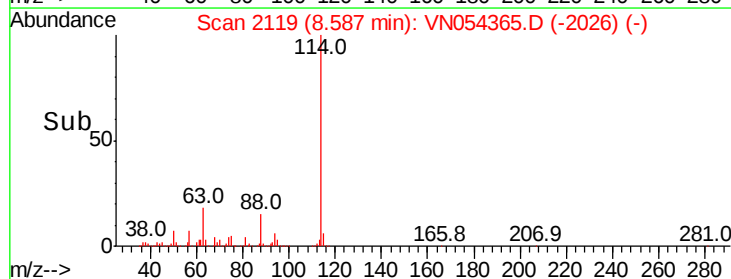
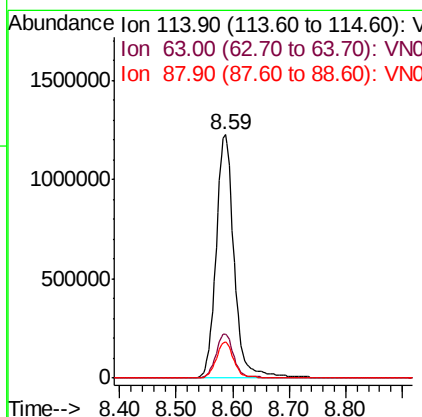
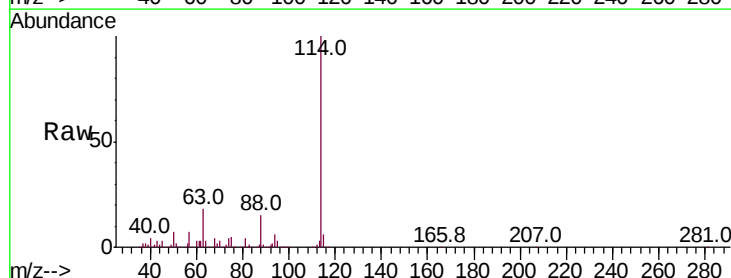
Delta R.T. 0.00 min

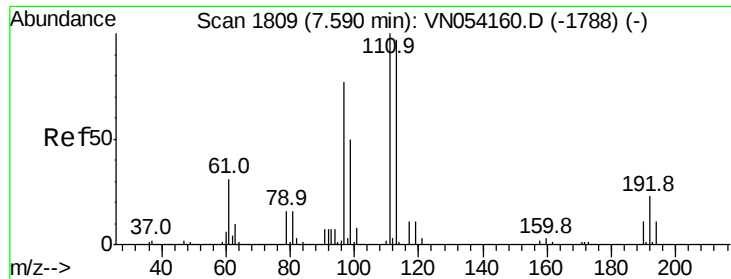
Lab File: VN054365.D

Acq: 17 Mar 2019 5:05

Tgt Ion: 114 Resp: 2715910

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	35.2
88	14.7	0.0	30.2

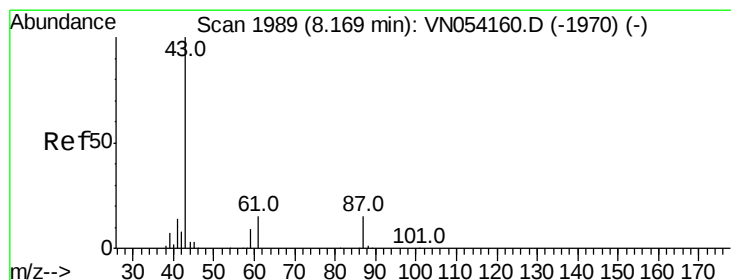
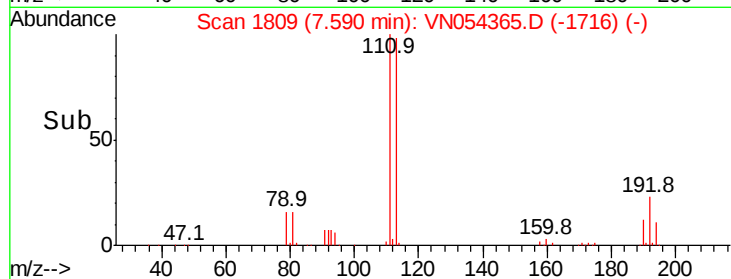
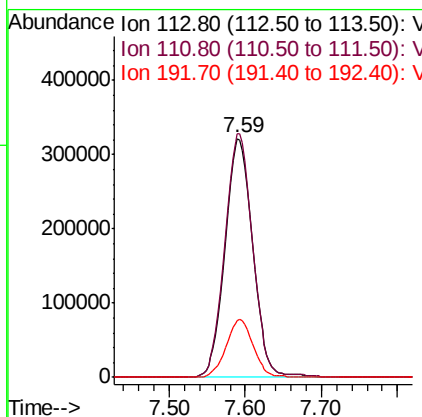
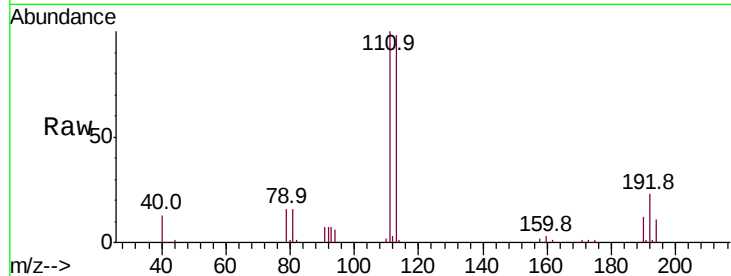




#35
 Dibromofluoromethane
 Concen: 46.864 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054365.D
 Acq: 17 Mar 2019 5:05

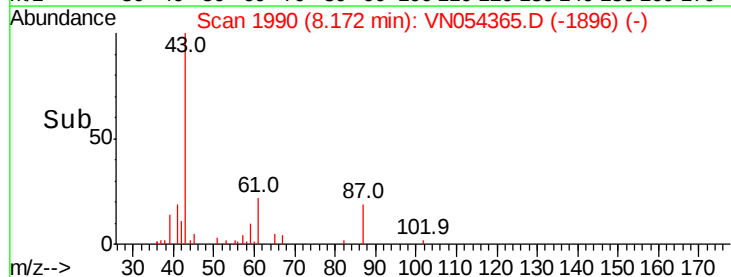
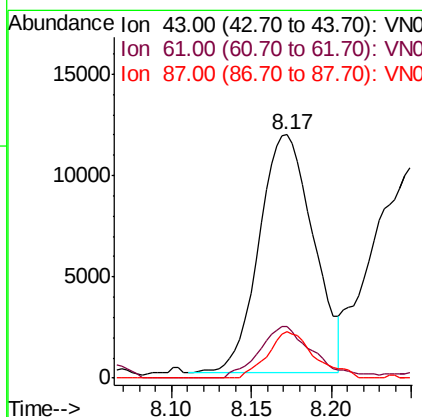
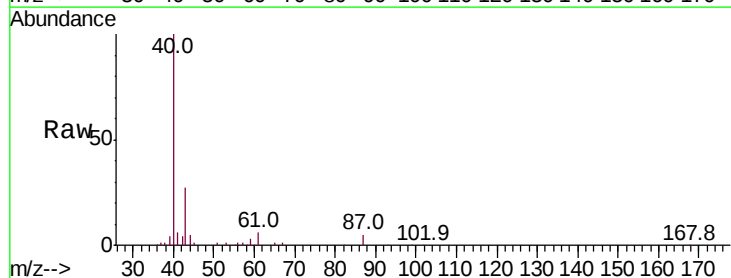
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

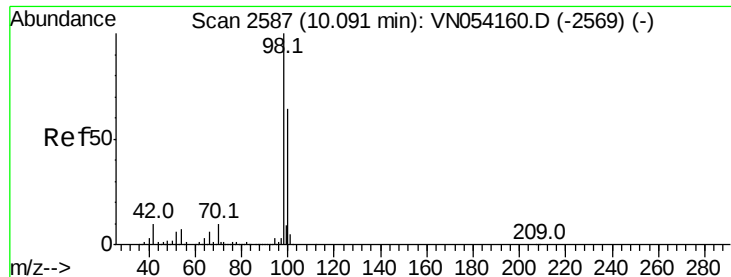
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	23.6	19.2	28.8



#43
 Isopropyl Acetate
 Concen: 1.101 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054365.D
 Acq: 17 Mar 2019 5:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.2	15.8	23.8
87	16.7	12.0	18.0





#50

Toluene-d8

Concen: 48.303 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054365.D

Acq: 17 Mar 2019 5:05

Instrument :

MSVOA_N

ClientSampleId :

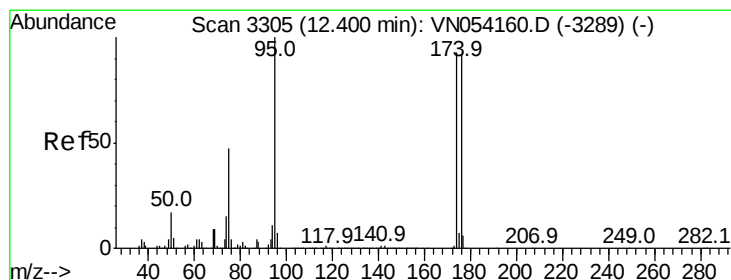
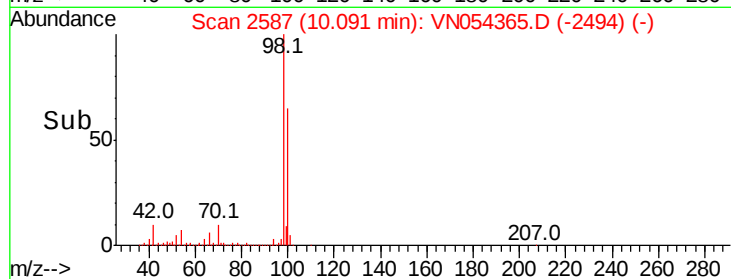
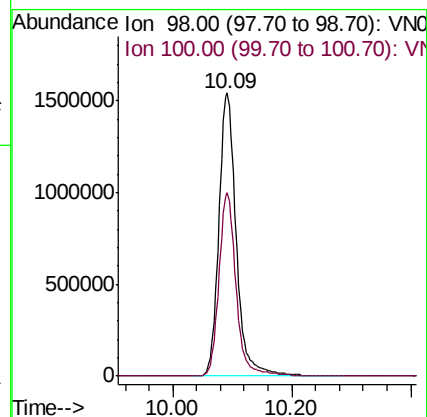
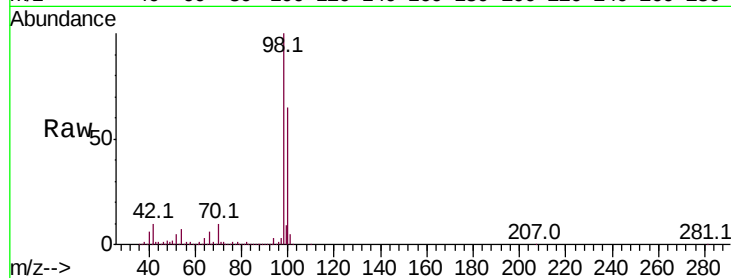
TP-3

Tot Ion: 98 Resp: 3124799

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 41.736 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054365.D

Acq: 17 Mar 2019 5:05

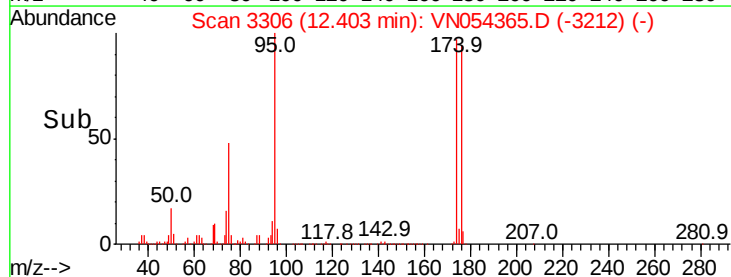
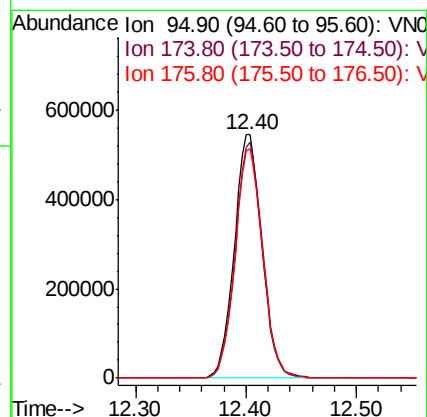
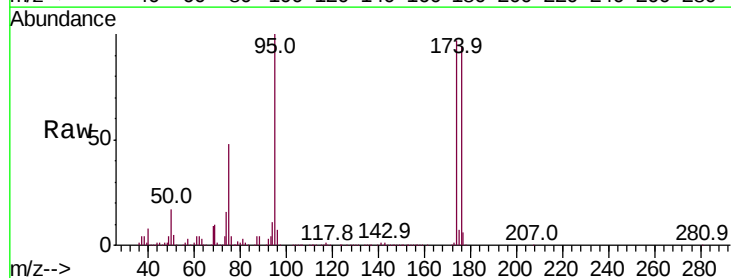
Tgt Ion: 95 Resp: 944715

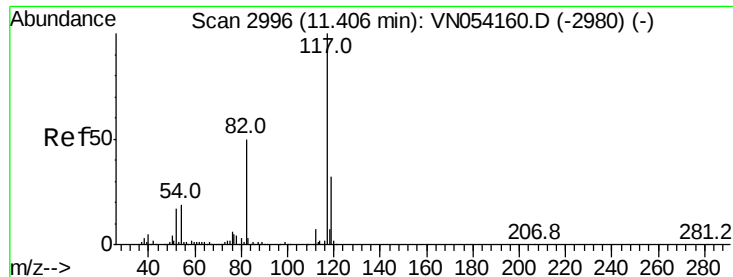
Ion Ratio Lower Upper

95 100

174 96.4 0.0 191.0

176 93.6 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054365.D

Acq: 17 Mar 2019 5:05

Instrument :

MSVOA_N

ClientSampled :

TP-3

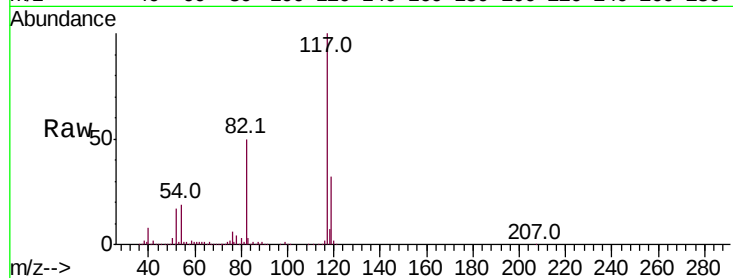
Tot Ion:117 Resp: 2282854

Ion Ratio Lower Upper

117 100

82 50.4 40.0 60.0

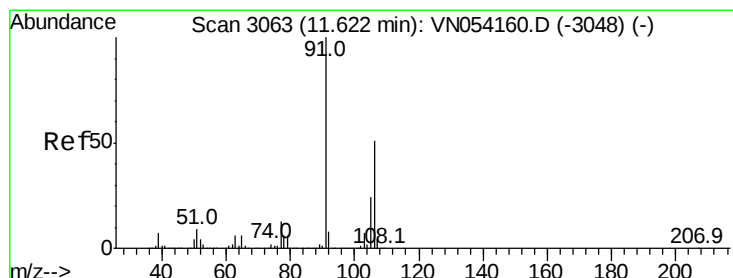
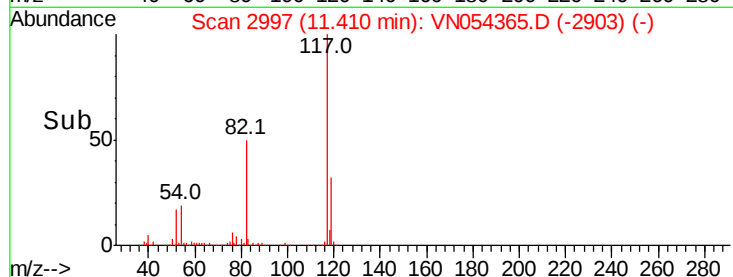
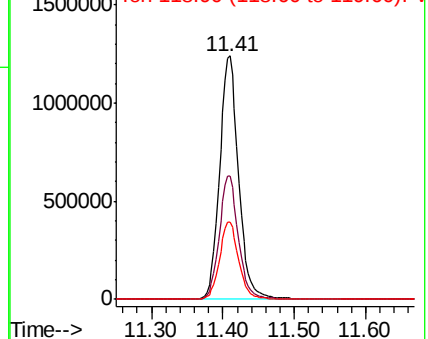
119 32.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 2.162 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.01 min

Lab File: VN054365.D

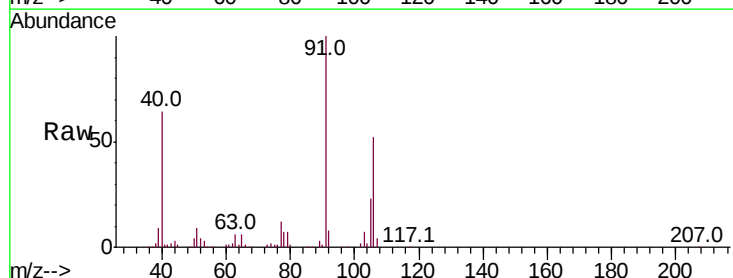
Acq: 17 Mar 2019 5:05

Tgt Ion:106 Resp: 70204

Ion Ratio Lower Upper

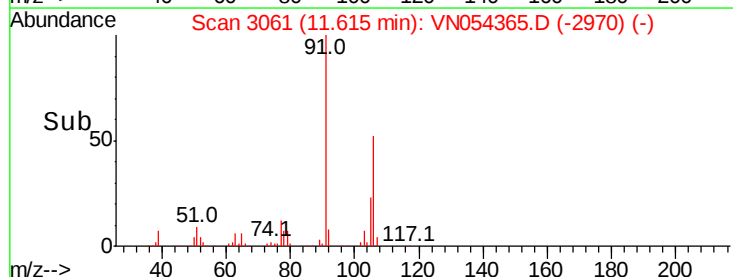
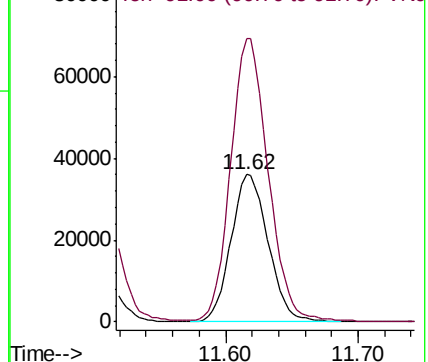
106 100

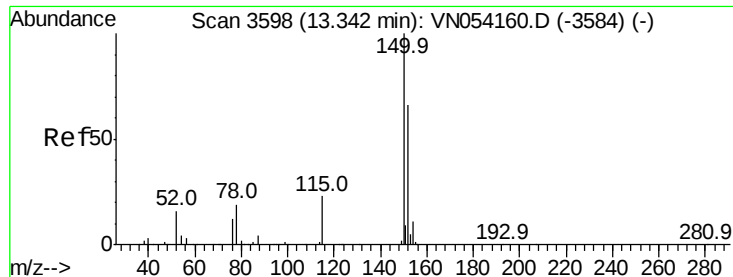
91 194.6 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054365.D

Acq: 17 Mar 2019 5:05

Instrument :

MSVOA_N

ClientSampleId :

TP-3

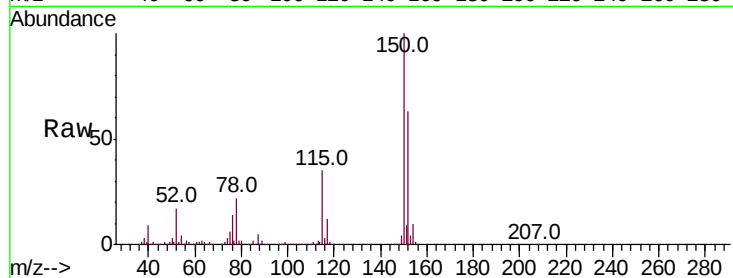
Tot Ion:152 Resp: 878741

Ion Ratio Lower Upper

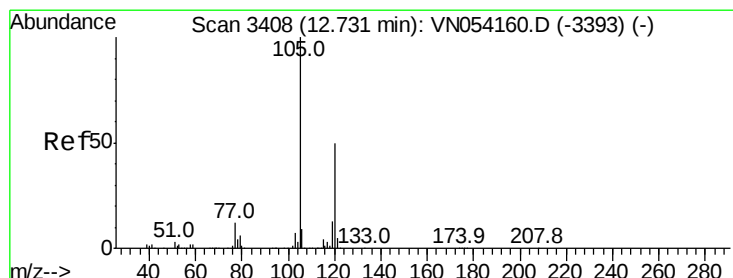
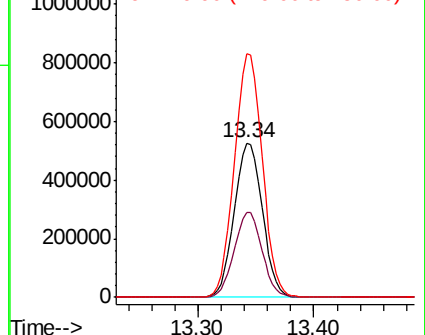
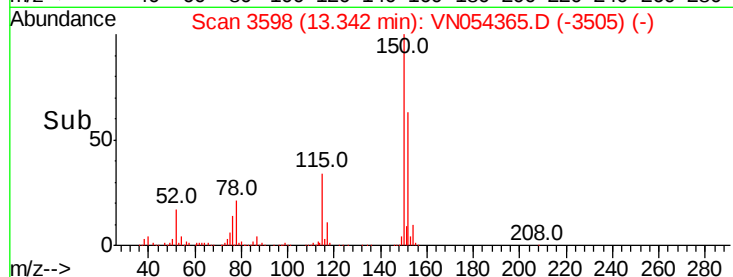
152 100

115 54.5 27.2 81.6

150 156.9 0.0 349.2



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



#80

1,3,5-Trimethylbenzene

Concen: 1.331 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054365.D

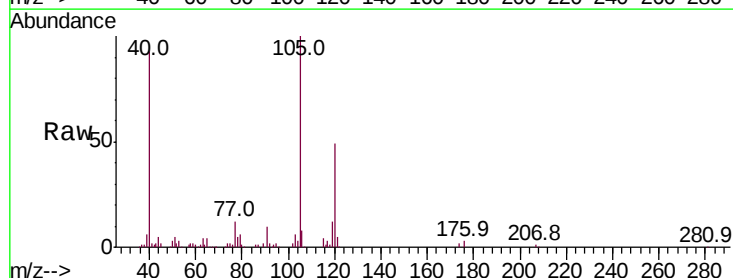
Acq: 17 Mar 2019 5:05

Tgt Ion:105 Resp: 77818

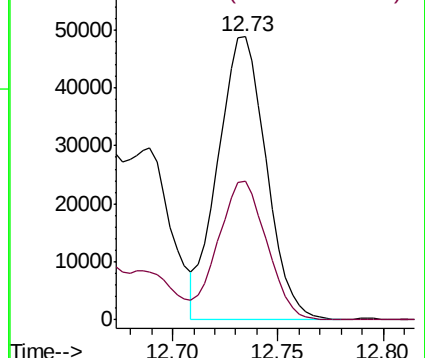
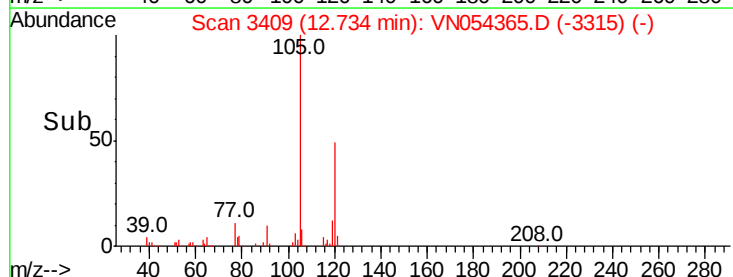
Ion Ratio Lower Upper

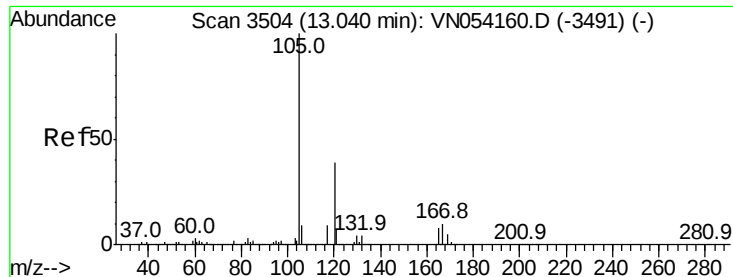
105 100

120 49.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 3.883 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054365.D

Acq: 17 Mar 2019 5:05

Instrument :

MSVOA_N

ClientSampled :

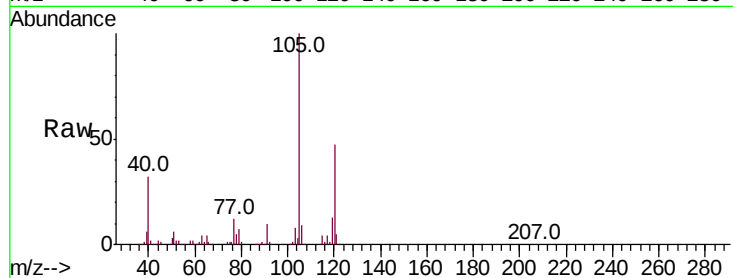
TP-3

Tot Ion:105 Resp: 222793

Ion Ratio Lower Upper

105 100

120 45.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

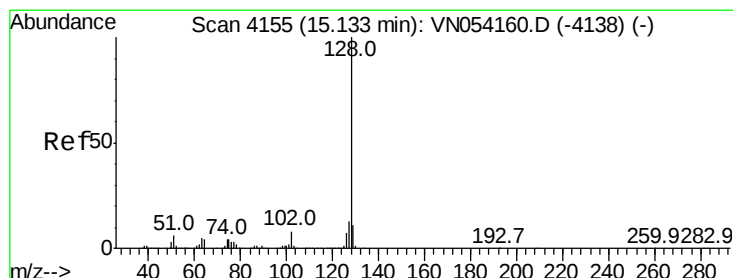
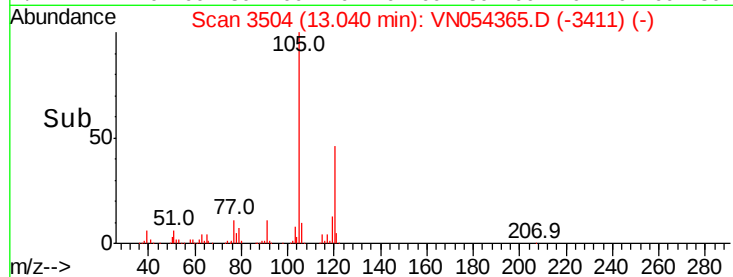
150000

100000

50000

0

Time-->



#95

Naphthalene

Concen: 4.275 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054365.D

Acq: 17 Mar 2019 5:05

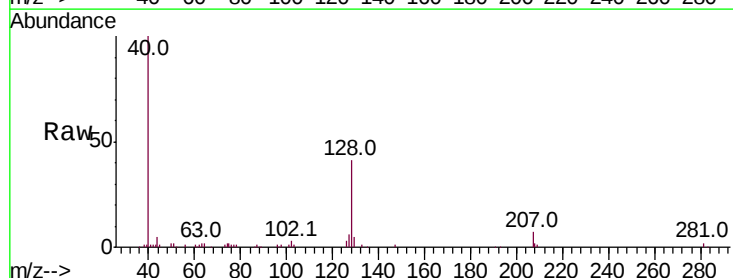
Tgt Ion:128 Resp: 33369

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 10.3 8.7 13.1



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

25000

20000

15000

10000

5000

0

Time-->

