

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040119\
 Data File : VN054886.D
 Acq On : 1 Apr 2019 20:20
 Operator : JC/SP
 Sample : K1695-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SV-28399L

Quant Time: Apr 02 07:02:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

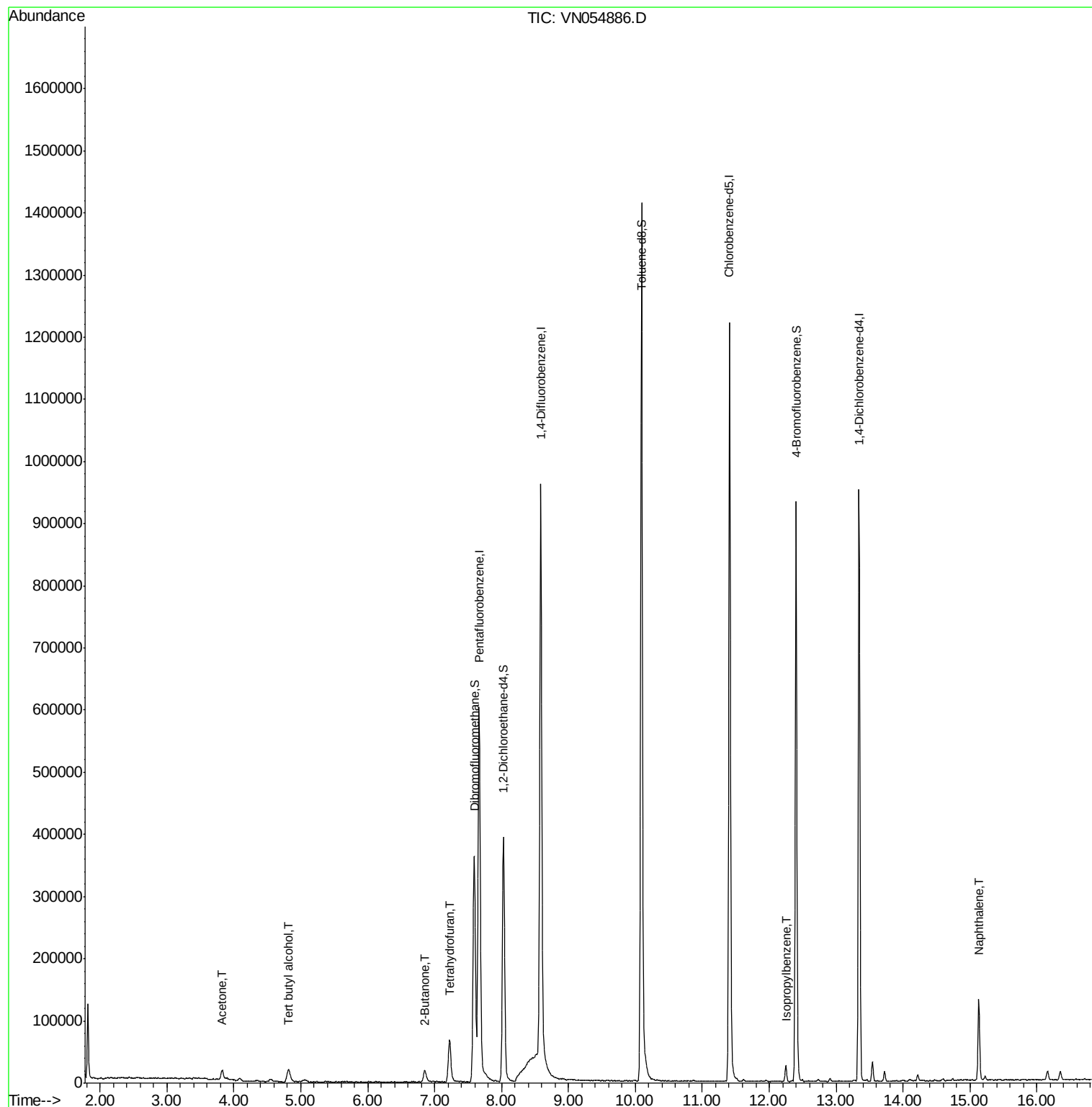
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	518359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	859549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	724173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	253594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	341768	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
35) Dibromofluoromethane	7.59	113	275710	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	10.09	98	1022036	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	12.40	95	314567	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.82	59	30486	83.737	ug/l #	88
16) Acetone	3.82	43	23183	13.913	ug/l #	79
25) 2-Butanone	6.85	43	33893	13.760	ug/l	92
29) Tetrahydrofuran	7.22	42	60598	35.422	ug/l #	84
73) Isopropylbenzene	12.25	105	15854	0.765	ug/l	96
95) Naphthalene	15.13	128	109142	11.941	ug/l	97

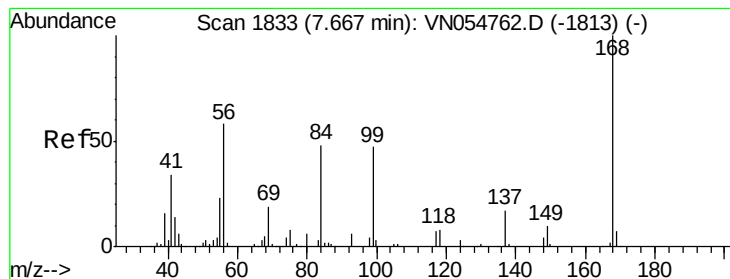
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040119\
Data File : VN054886.D
Acq On : 1 Apr 2019 20:20
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Misc : 5.00mL/MSVOA N/WATER
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Quant Time: Apr 02 07:02:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054886.D

Acq: 1 Apr 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

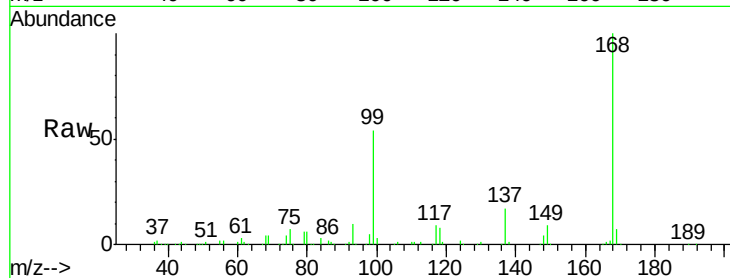
SV-28399L

Tot Ion:168 Resp: 518359

Ion Ratio Lower Upper

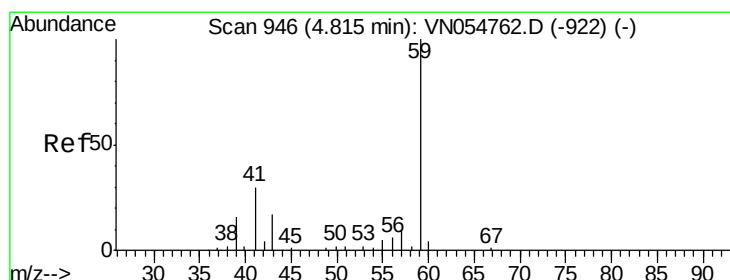
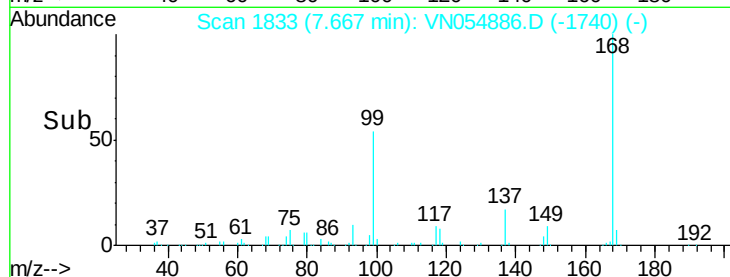
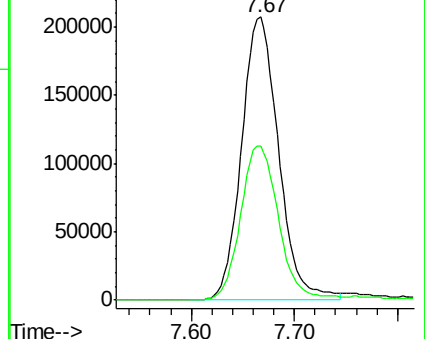
168 100

99 54.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 83.737 ug/l

RT: 4.82 min Scan# 946

Delta R.T. -0.00 min

Lab File: VN054886.D

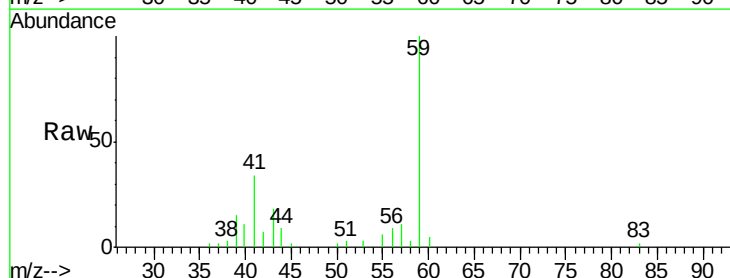
Acq: 1 Apr 2019 20:20

Tgt Ion: 59 Resp: 30486

Ion Ratio Lower Upper

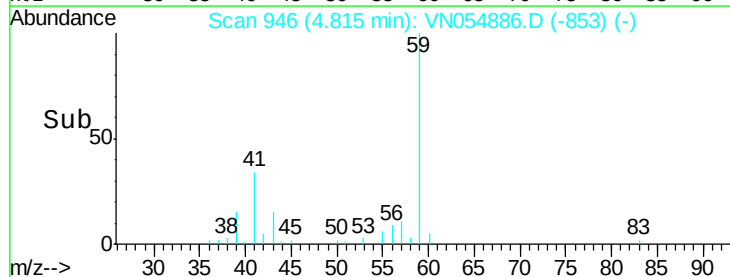
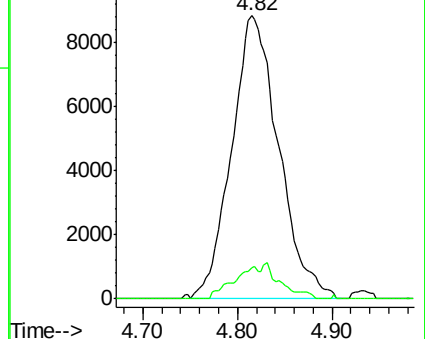
59 100

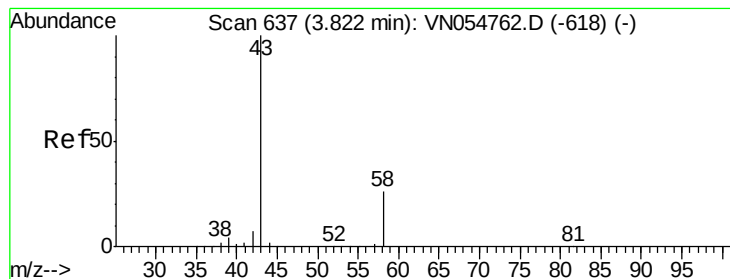
57 6.6 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 13.913 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054886.D

Acq: 1 Apr 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

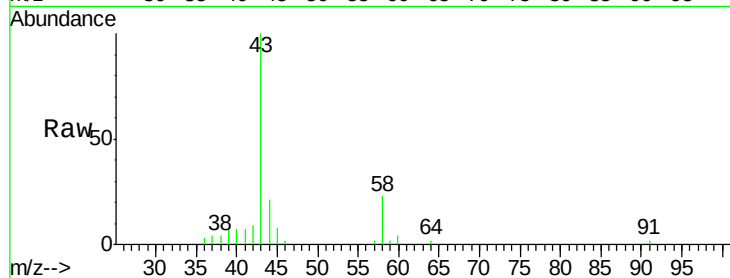
SV-28399L

Tot Ion: 43 Resp: 23183

Ion Ratio Lower Upper

43 100

58 25.0 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

12000

10000

8000

6000

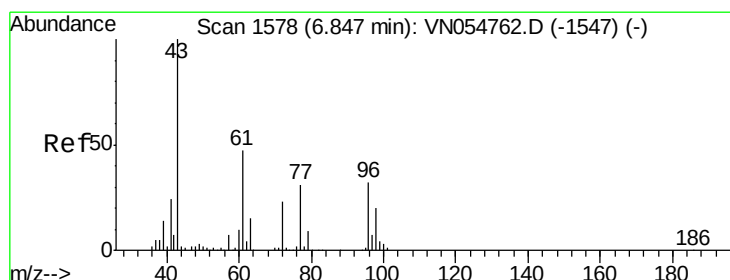
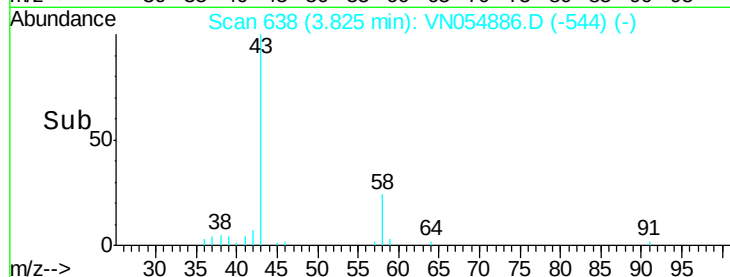
4000

2000

0

Time-->

3.75 3.80 3.85 3.90



#25

2-Butanone

Concen: 13.760 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN054886.D

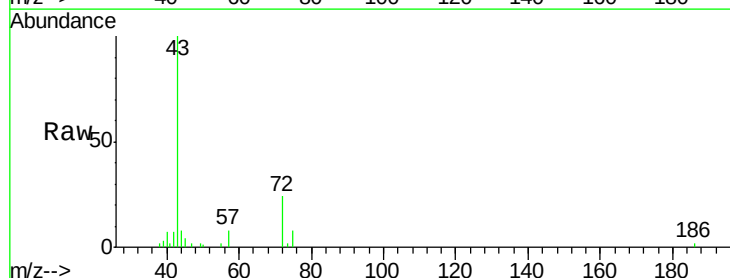
Acq: 1 Apr 2019 20:20

Tgt Ion: 43 Resp: 33893

Ion Ratio Lower Upper

43 100

72 24.3 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

12000

10000

8000

6000

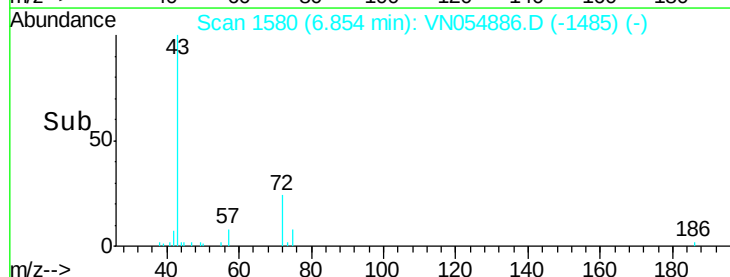
4000

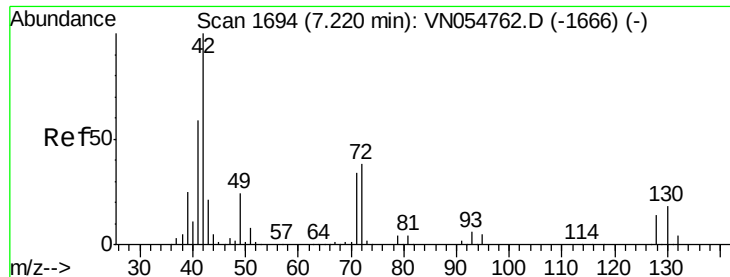
2000

0

Time-->

6.80 6.90 7.00

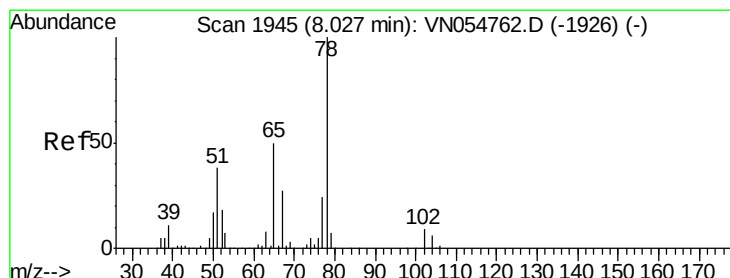
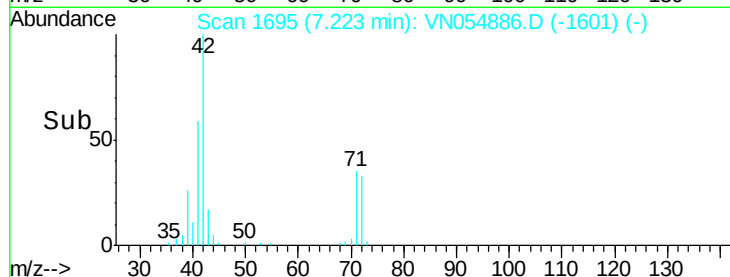
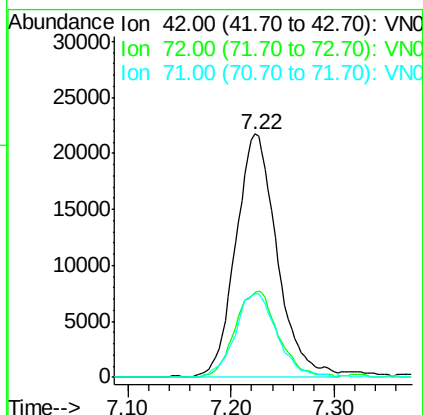
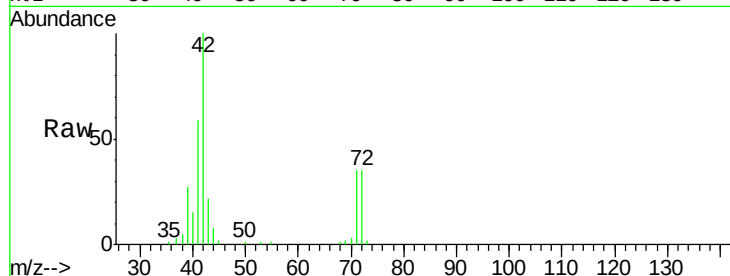




#29
Tetrahydrofuran
Concen: 35.422 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

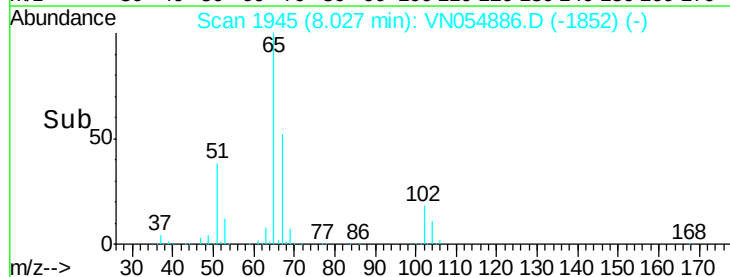
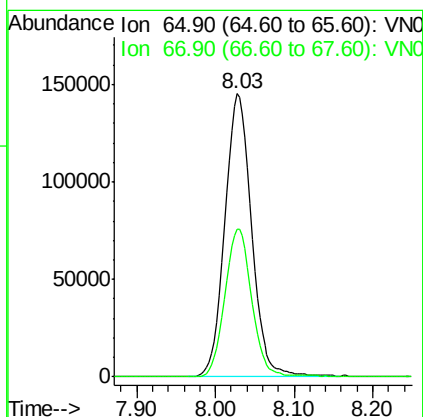
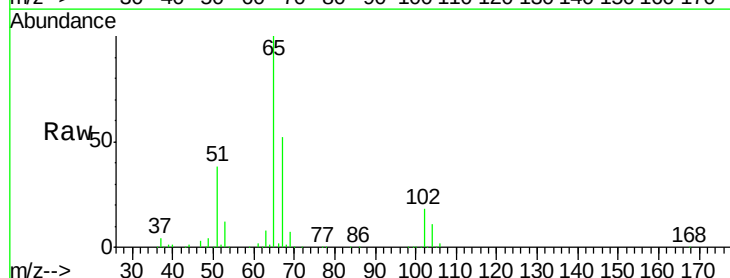
Instrument :
MSVOA_N
ClientSampled :
SV-28399L

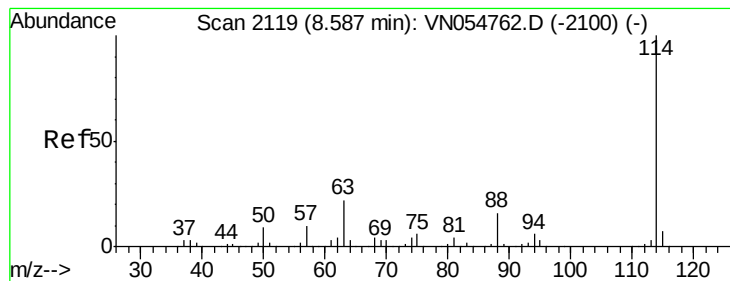
Tot Ion: 42 Resp: 60598
Ion Ratio Lower Upper
42 100
72 36.6 37.8 56.6#
71 34.9 36.2 54.2#



#33
1,2-Dichloroethane-d4
Concen: 48.911 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

Tgt Ion: 65 Resp: 341768
Ion Ratio Lower Upper
65 100
67 51.9 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: VN054886.D

Acq: 1 Apr 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

SV-28399L

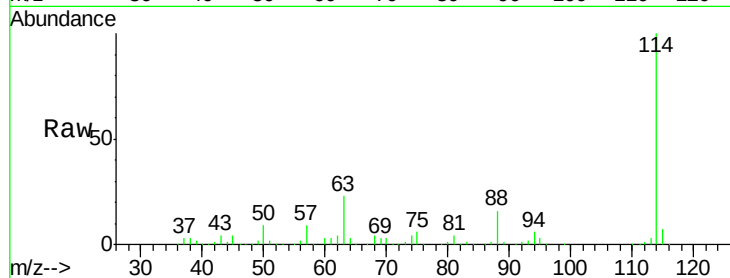
Tot Ion:114 Resp: 859549

Ion Ratio Lower Upper

114 100

63 22.6 0.0 35.2

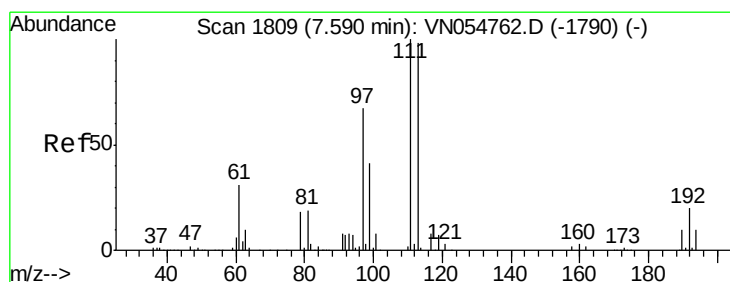
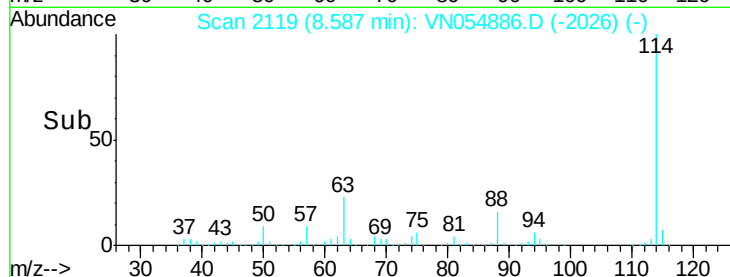
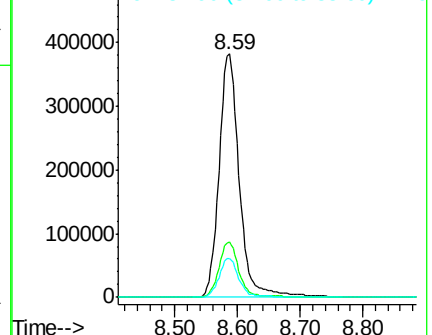
88 16.2 0.0 30.2



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: 48.112 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054886.D

Acq: 1 Apr 2019 20:20

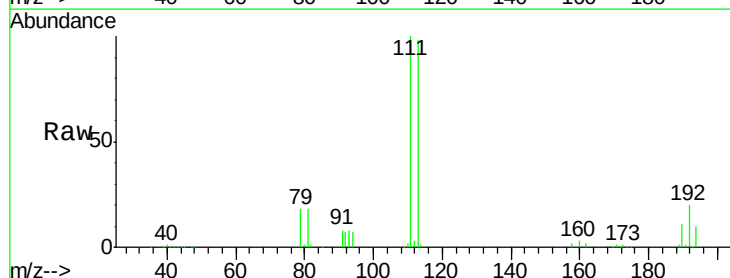
Tgt Ion:113 Resp: 275710

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

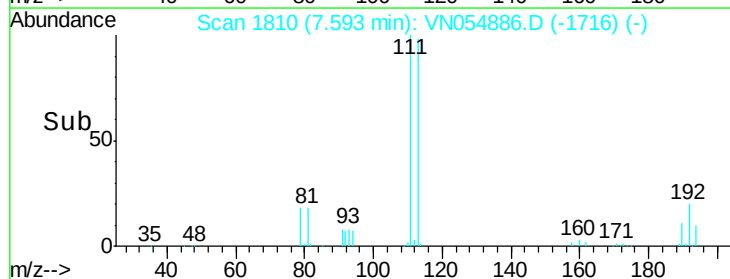
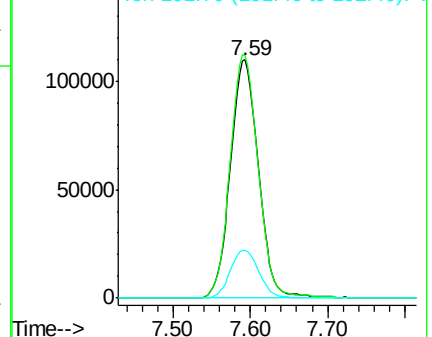
192 20.4 19.2 28.8

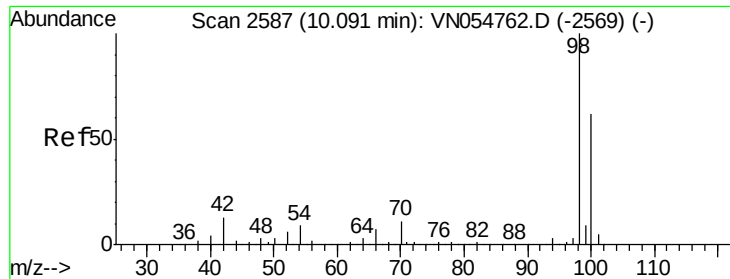


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.972 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054886.D

Acq: 1 Apr 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

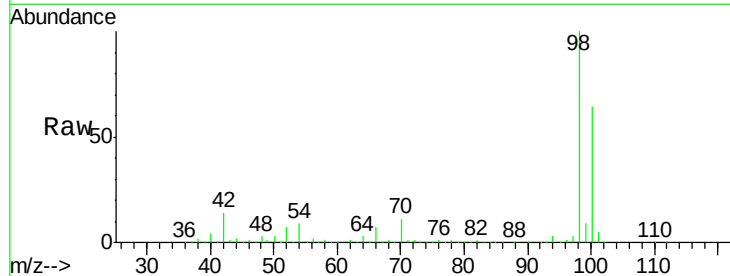
SV-28399L

Tot Ion: 98 Resp: 1022036

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054762.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054762.D (-2569) (-)

10.09

600000

500000

400000

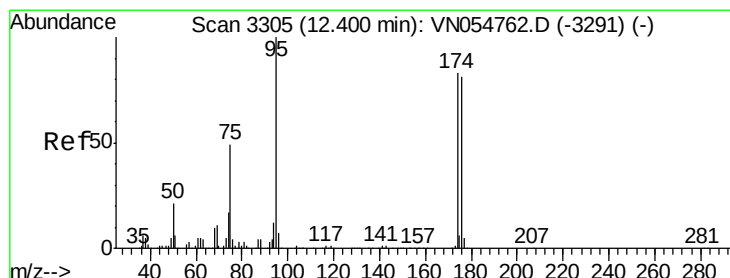
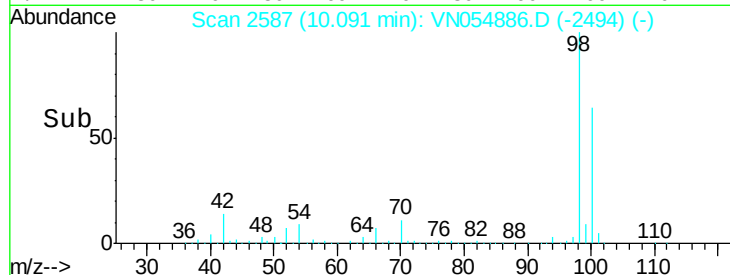
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.396 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054886.D

Acq: 1 Apr 2019 20:20

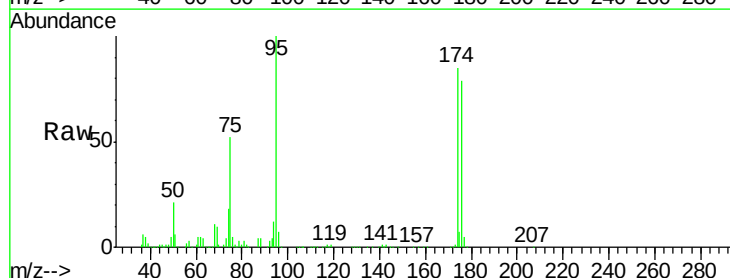
Tgt Ion: 95 Resp: 314567

Ion Ratio Lower Upper

95 100

174 85.2 0.0 191.0

176 81.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054762.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054762.D (-3291) (-)

12.40

250000

200000

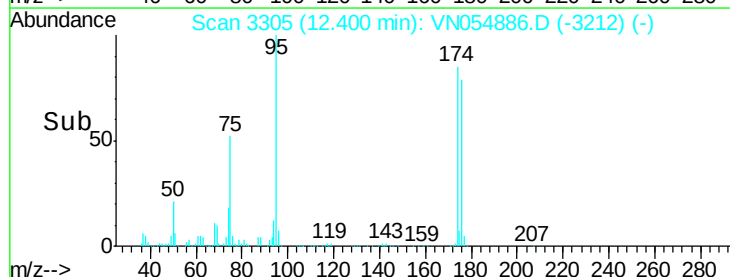
150000

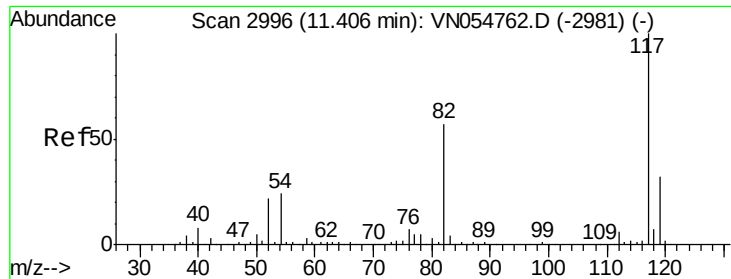
100000

50000

0

Time-->

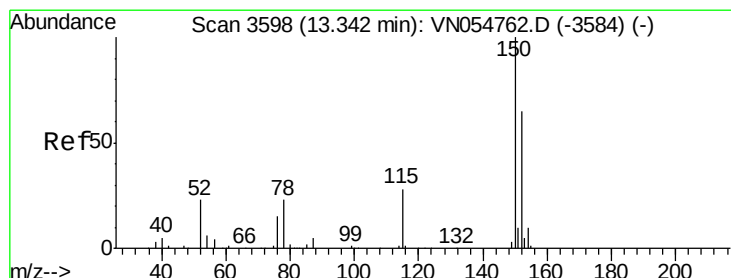
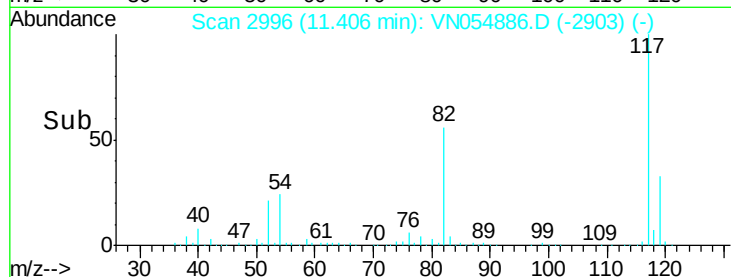
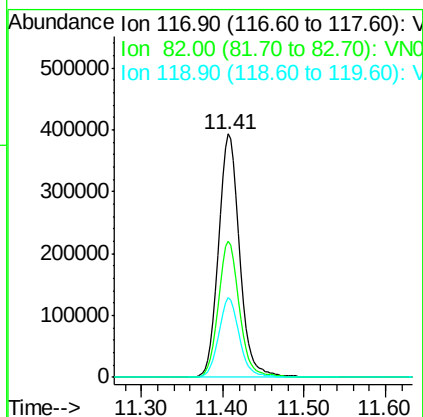
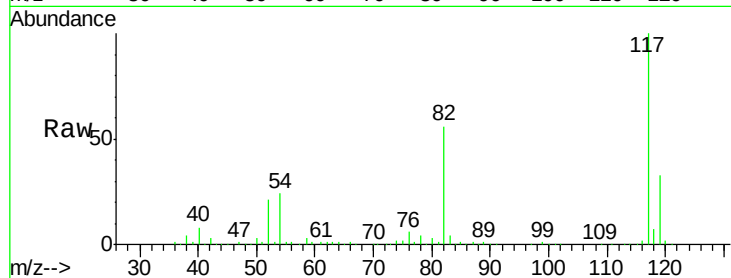




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

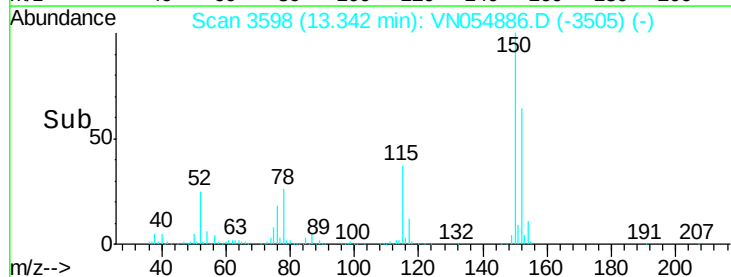
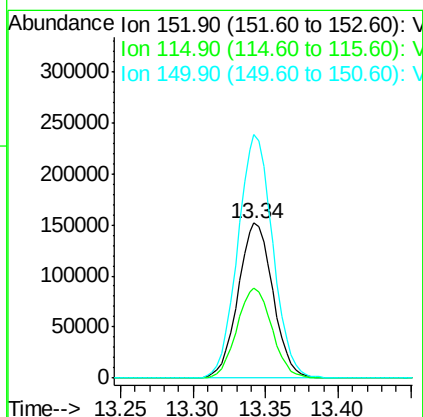
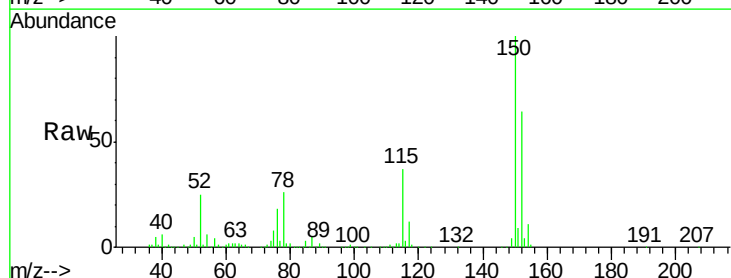
Instrument :
MSVOA_N
ClientSampled :
SV-28399L

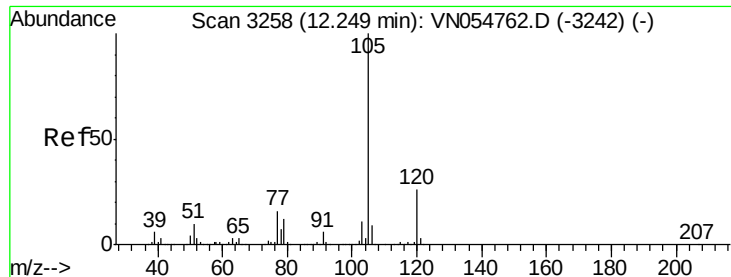
Tot Ion:117 Resp: 724173
Ion Ratio Lower Upper
117 100
82 56.0 40.0 60.0
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054886.D
Acq: 1 Apr 2019 20:20

Tgt Ion:152 Resp: 253594
Ion Ratio Lower Upper
152 100
115 58.5 27.2 81.6
150 157.6 0.0 349.2





#73

Isopropylbenzene

Concen: 0.765 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054886.D

Acq: 1 Apr 2019 20:20

Instrument :

MSVOA_N

ClientSampled :

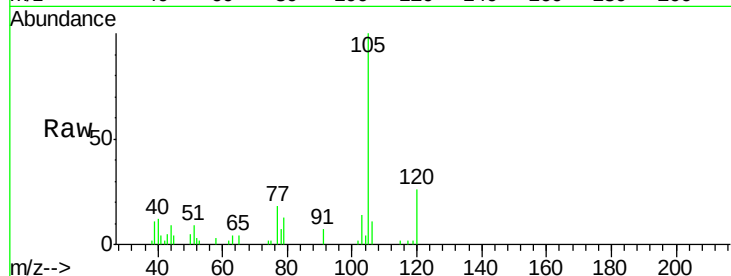
SV-28399L

Tot Ion:105 Resp: 15854

Ion Ratio Lower Upper

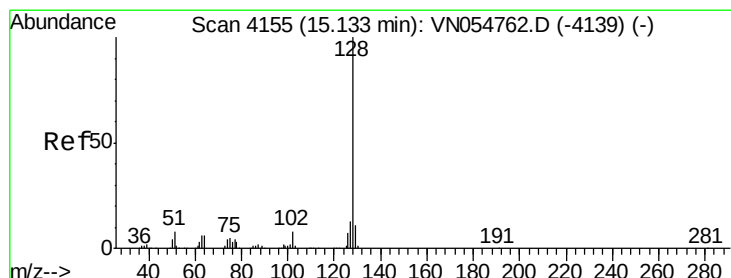
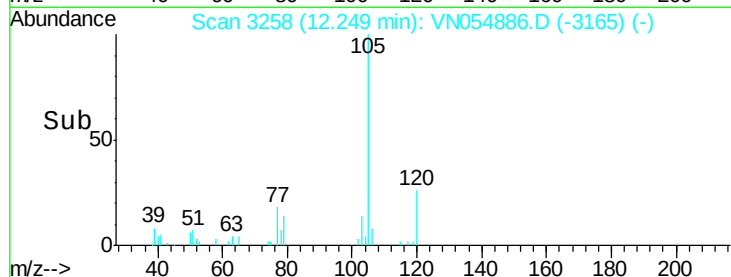
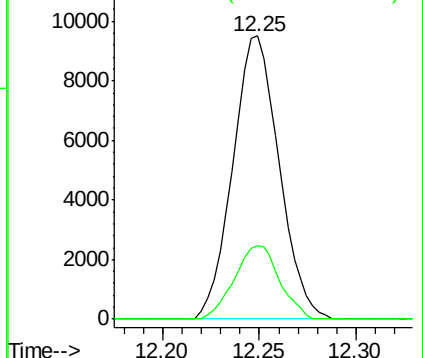
105 100

120 25.2 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 11.941 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054886.D

Acq: 1 Apr 2019 20:20

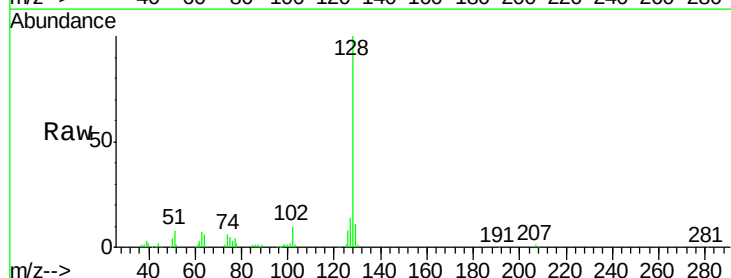
Tgt Ion:128 Resp: 109142

Ion Ratio Lower Upper

128 100

127 13.9 10.1 15.1

129 11.5 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

