

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049987.D
 Acq On : 21 Jul 2018 3:57
 Operator : MD\SY
 Sample : J4057-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-5

Quant Time: Jul 21 05:39:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	562028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	939138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	802634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	304702	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	408472	52.88	ug/l	0.00
Spiked Amount						
			Recovery	=	105.76%	
35) Dibromofluoromethane	7.59	113	361434	45.84	ug/l	0.00
Spiked Amount						
			Recovery	=	91.68%	
50) Toluene-d8	10.09	98	1273900	44.35	ug/l	0.00
Spiked Amount						
			Recovery	=	88.70%	
62) 4-Bromofluorobenzene	12.40	95	357271	36.11	ug/l	0.00
Spiked Amount						
			Recovery	=	72.22%	

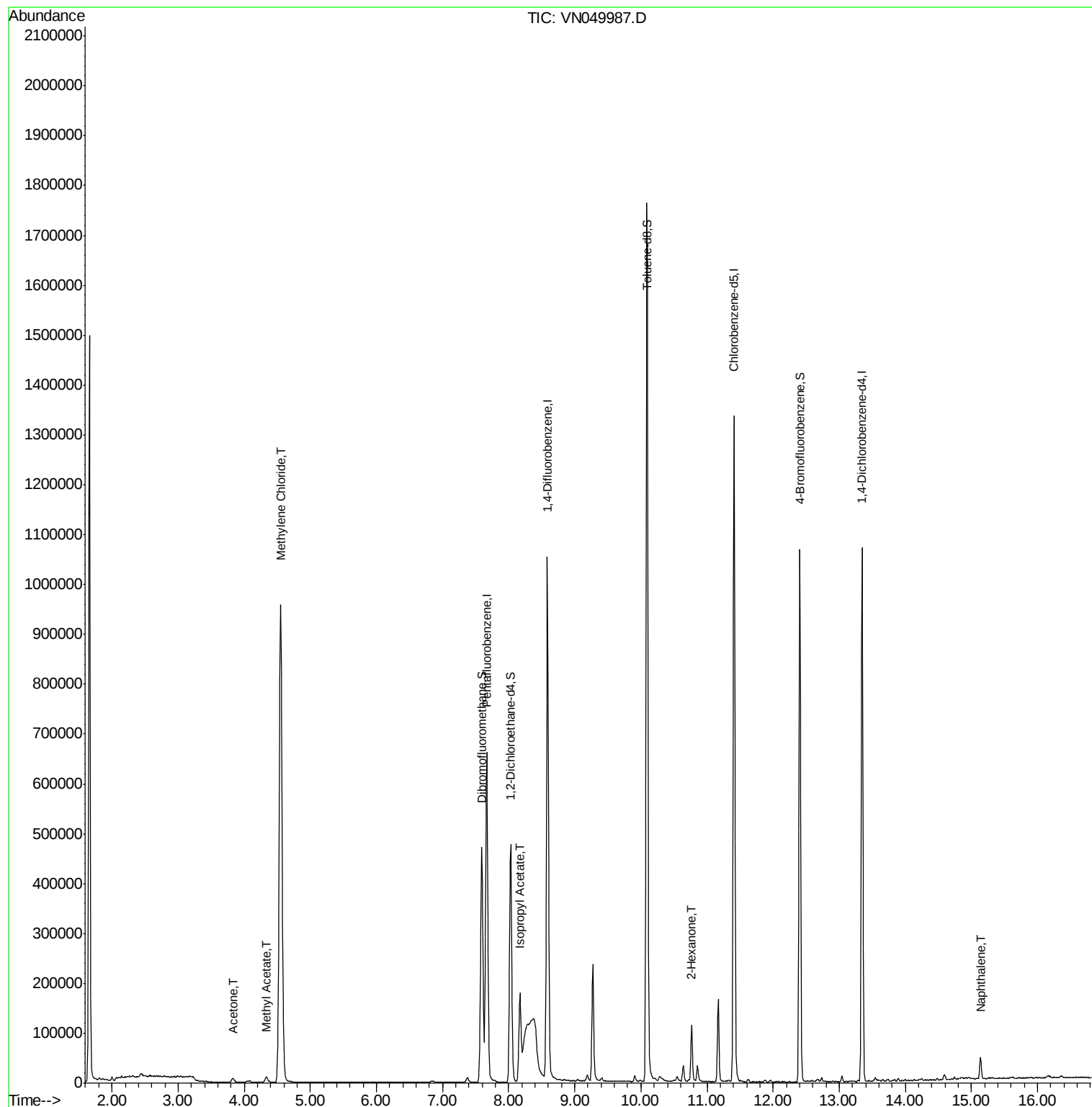
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	14477	7.24	ug/l	94
18) Methyl Acetate	4.33	43	21803	2.69	ug/l	94
20) Methylene Chloride	4.55	84	737107	96.91	ug/l	98
43) Isopropyl Acetate	8.17	43	222184	17.74	ug/l	99
59) 2-Hexanone	10.77	43	17215	3.66	ug/l #	59
95) Naphthalene	15.14	128	38557	6.92	ug/l	98

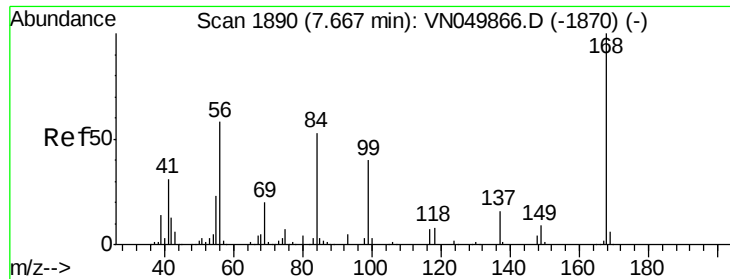
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049987.D

Acq: 21 Jul 2018 3:57

Instrument :

MSVOA_N

ClientSampleId :

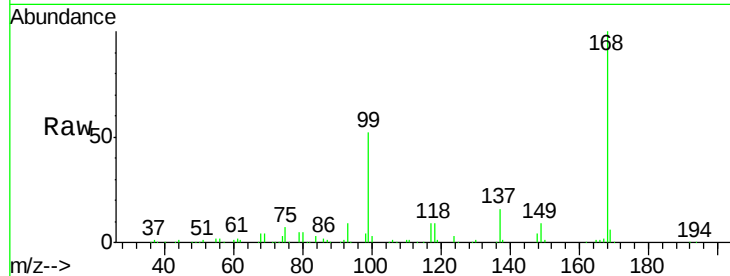
LS-SOIL-5

Tot Ion:168 Resp: 562028

Ion Ratio Lower Upper

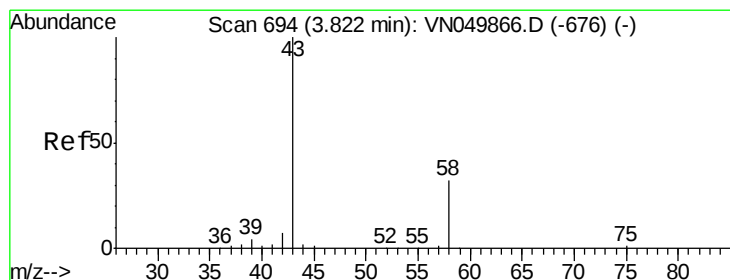
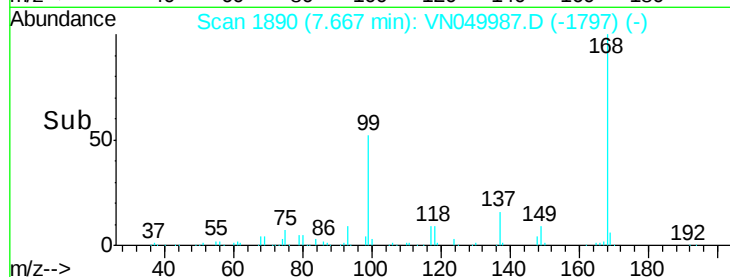
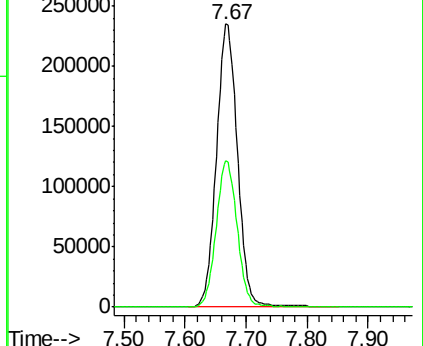
168 100

99 51.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 7.24 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049987.D

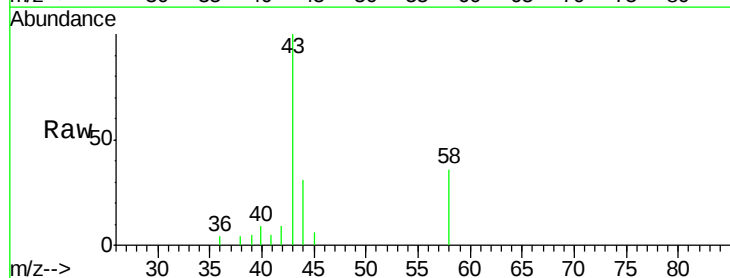
Acq: 21 Jul 2018 3:57

Tgt Ion: 43 Resp: 14477

Ion Ratio Lower Upper

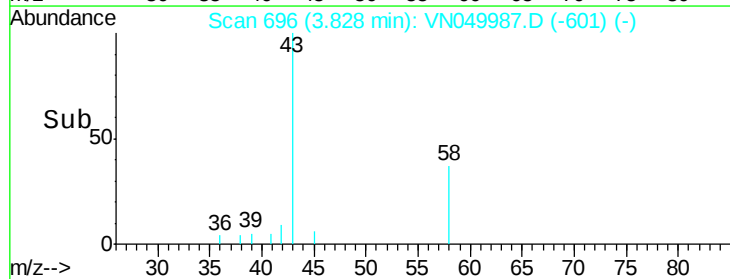
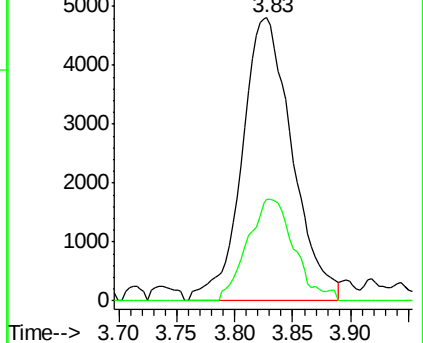
43 100

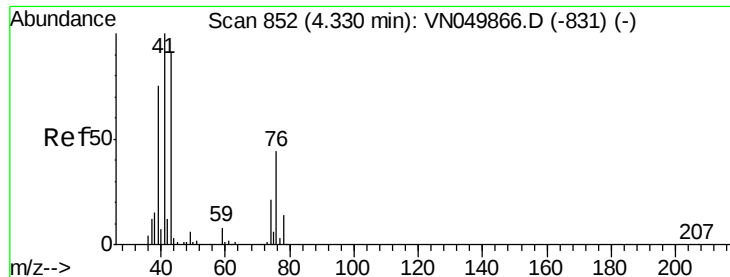
58 36.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

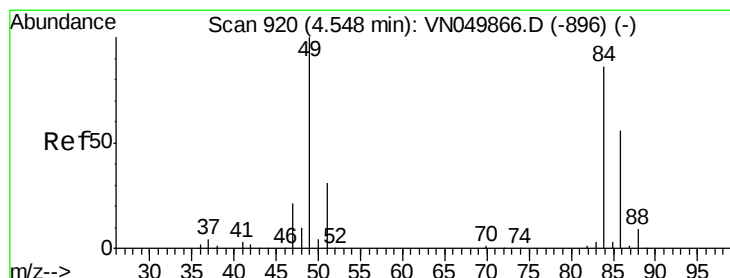
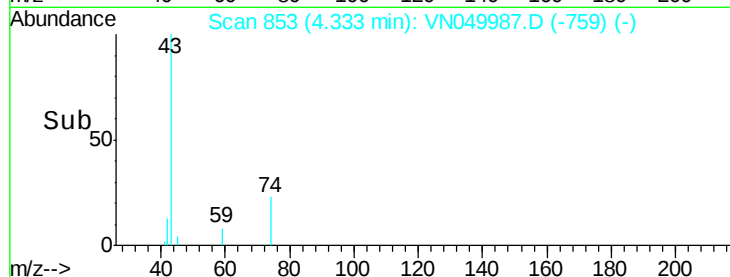
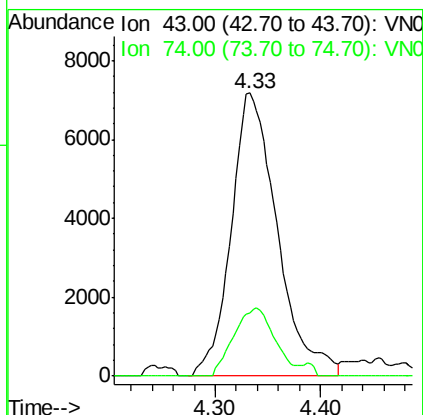
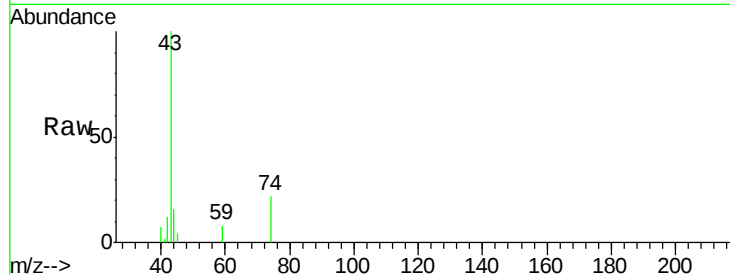




#18
Methvl Acetate
Concen: 2.69 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049987.D
Acq: 21 Jul 2018 3:57

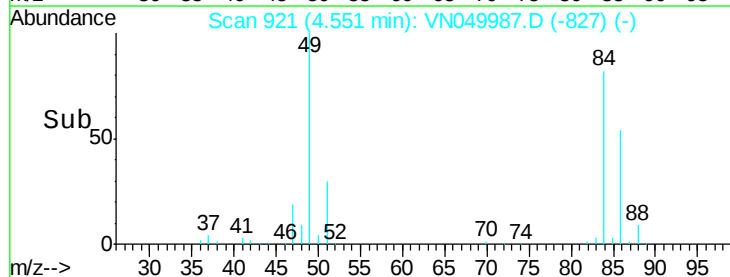
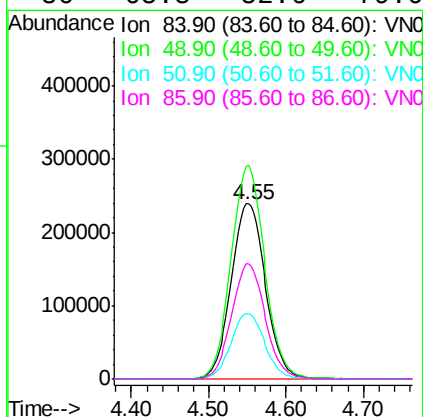
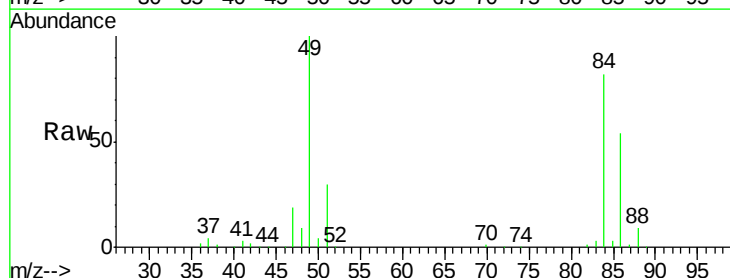
Instrument :
MSVOA_N
ClientSampleId :
LS-SOIL-5

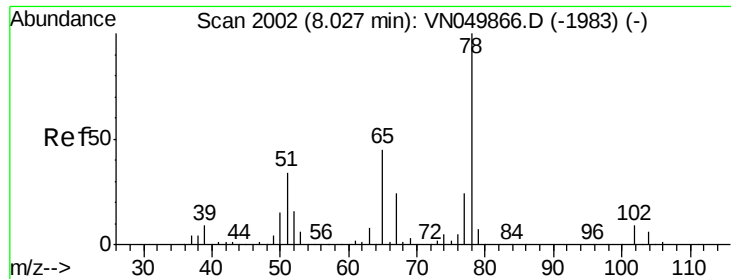
Tot Ion: 43 Resp: 21803
Ion Ratio Lower Upper
43 100
74 21.6 19.8 29.8



#20
Methylene Chloride
Concen: 96.91 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049987.D
Acq: 21 Jul 2018 3:57

Tgt Ion: 84 Resp: 737107
Ion Ratio Lower Upper
84 100
49 121.8 95.4 143.2
51 37.0 28.4 42.6
86 65.8 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 52.88 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049987.D

Acq: 21 Jul 2018 3:57

Instrument :

MSVOA_N

ClientSampleId :

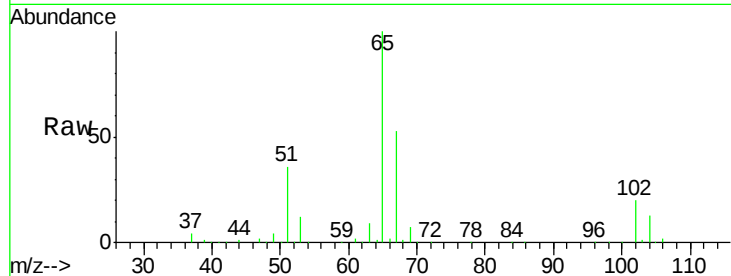
LS-SOIL-5

Tot Ion: 65 Resp: 408472

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

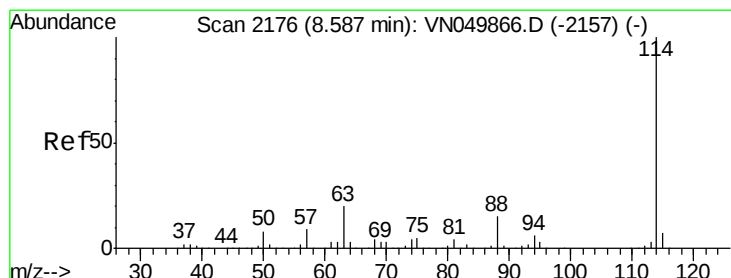
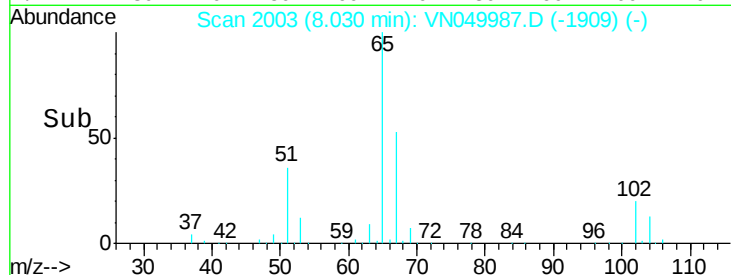
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049987.D

Acq: 21 Jul 2018 3:57

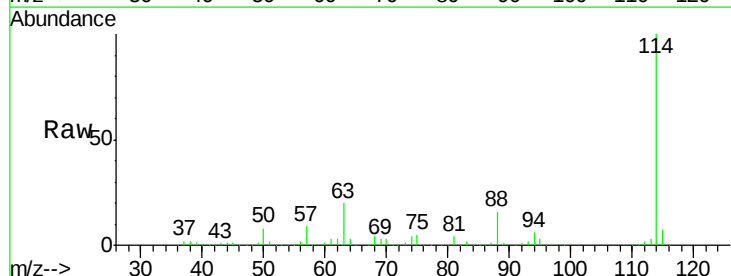
Tgt Ion: 114 Resp: 939138

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

88 15.7 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

600000

500000

400000

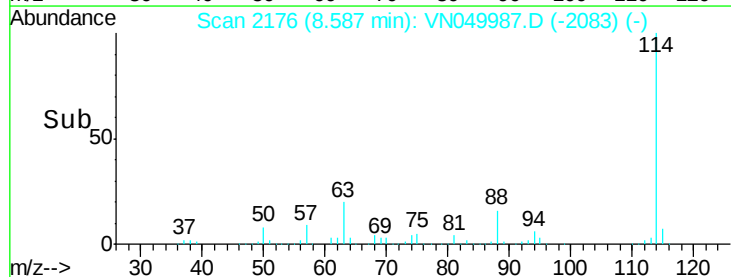
300000

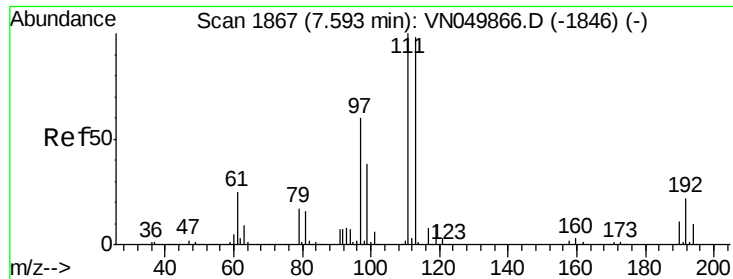
200000

100000

0

Time--> 8.50 8.60 8.70

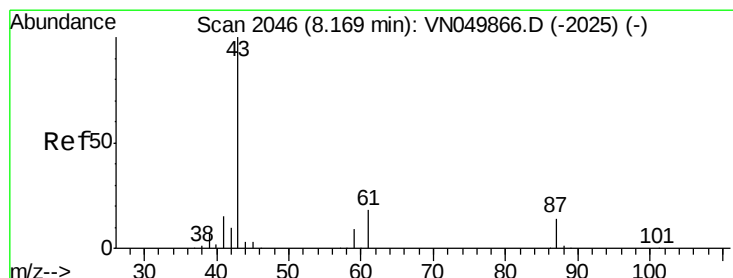
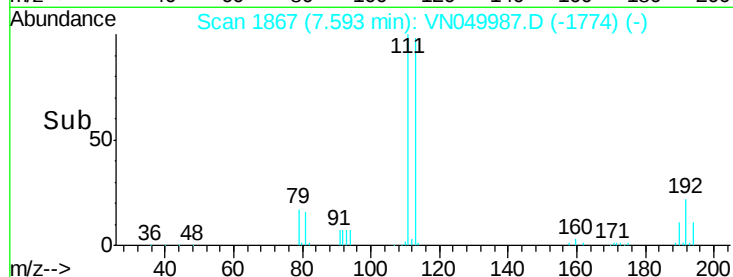
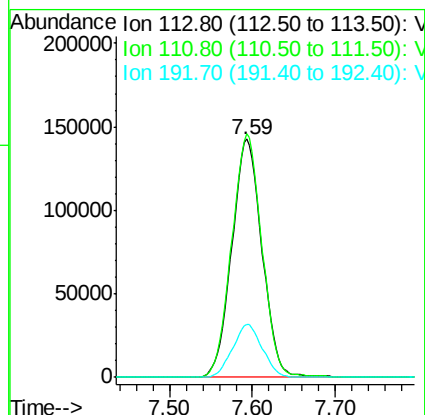
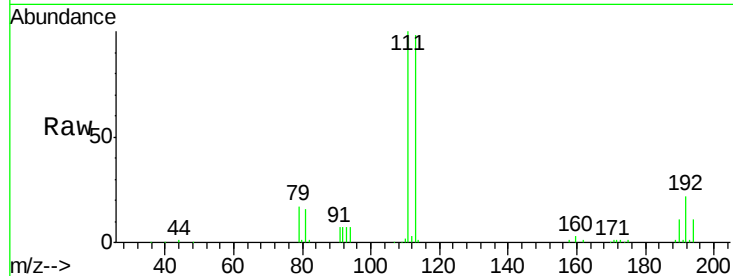




#35
 Dibromofluoromethane
 Concen: 45.84 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049987.D
 Acq: 21 Jul 2018 3:57

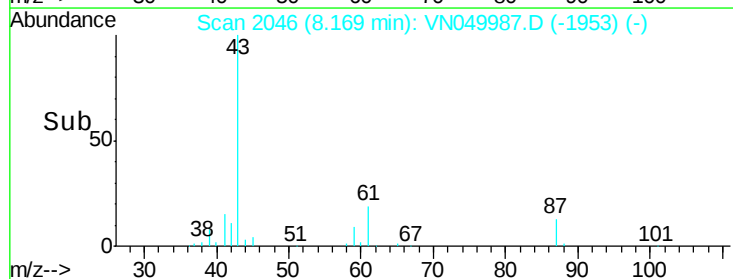
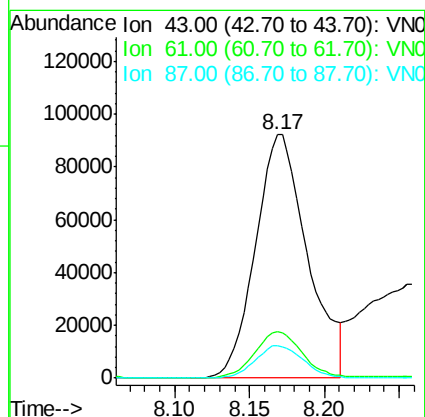
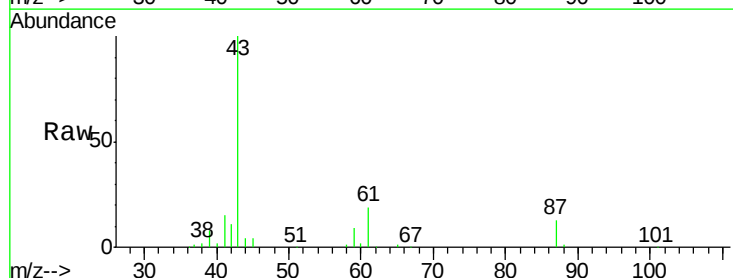
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-5

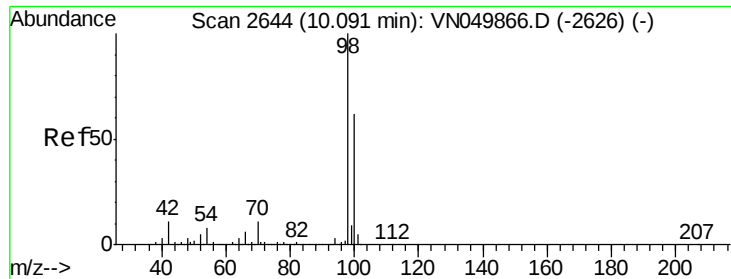
Tot Ion:113 Resp: 361434
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.8
 192 22.0 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 17.74 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: VN049987.D
 Acq: 21 Jul 2018 3:57

Tgt Ion: 43 Resp: 222184
 Ion Ratio Lower Upper
 43 100
 61 17.6 14.9 22.3
 87 12.4 10.0 15.0





#50

Toluene-d8

Concen: 44.35 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049987.D

Acq: 21 Jul 2018 3:57

Instrument :

MSVOA_N

ClientSampleId :

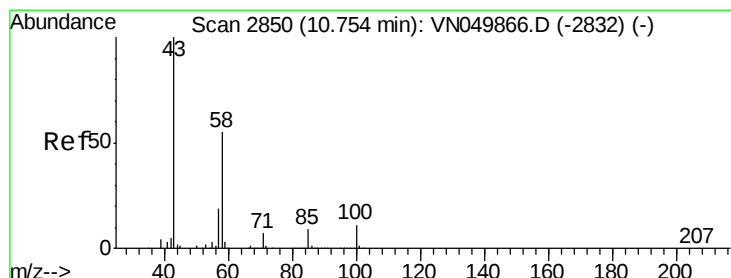
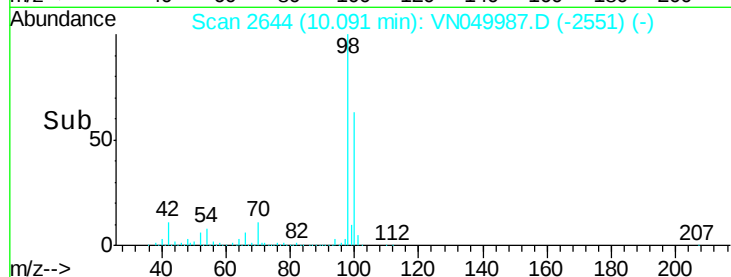
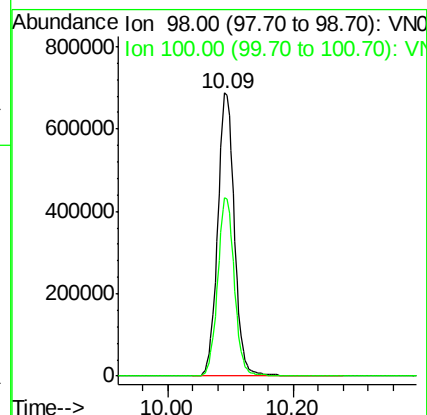
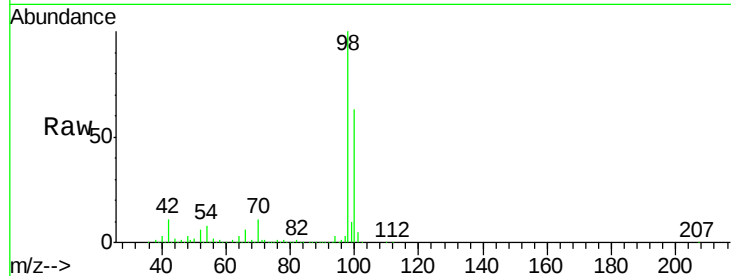
LS-SOIL-5

Tot Ion: 98 Resp: 1273900

Ion Ratio Lower Upper

98 100

100 63.0 51.7 77.5



#59

2-Hexanone

Concen: 3.66 ug/l

RT: 10.77 min Scan# 2855

Delta R.T. 0.02 min

Lab File: VN049987.D

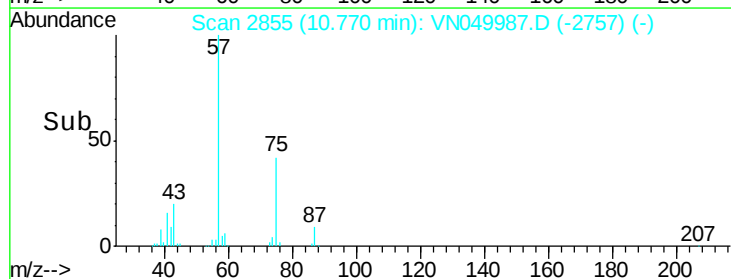
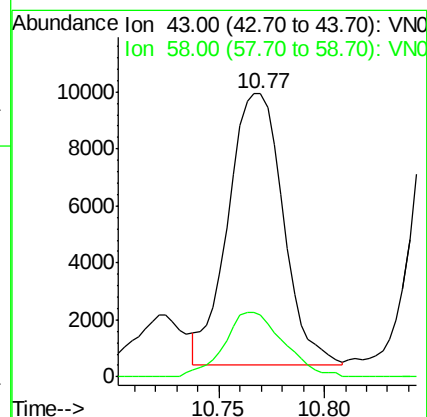
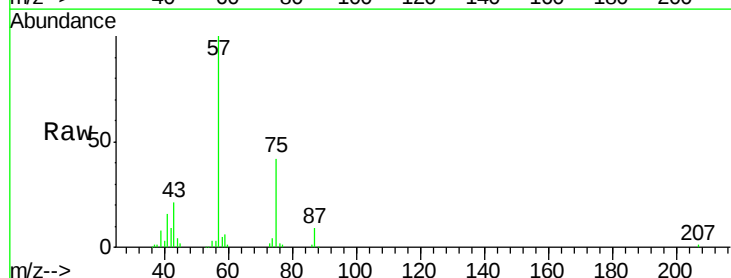
Acq: 21 Jul 2018 3:57

Tgt Ion: 43 Resp: 17215

Ion Ratio Lower Upper

43 100

58 25.6 27.8 83.4#

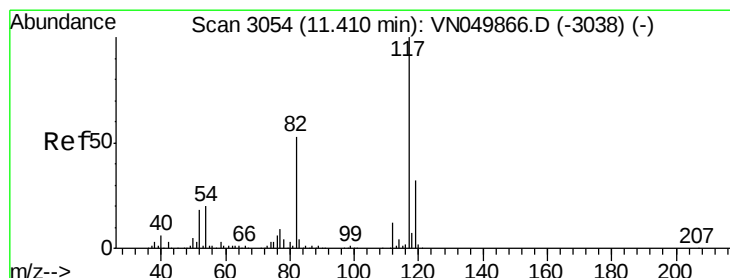
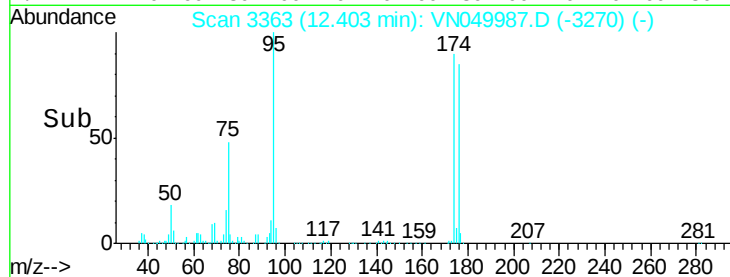
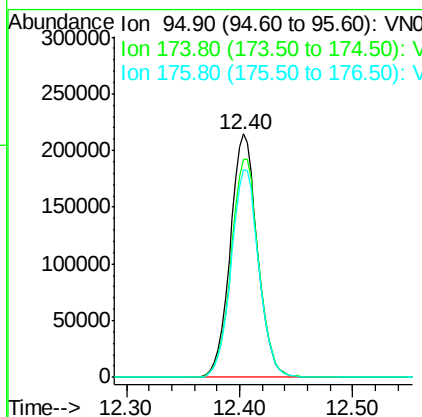
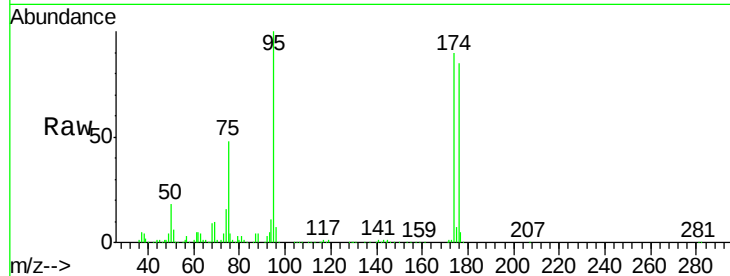




#62
4-Bromofluorobenzene
Concen: 36.11 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049987.D
Acq: 21 Jul 2018 3:57

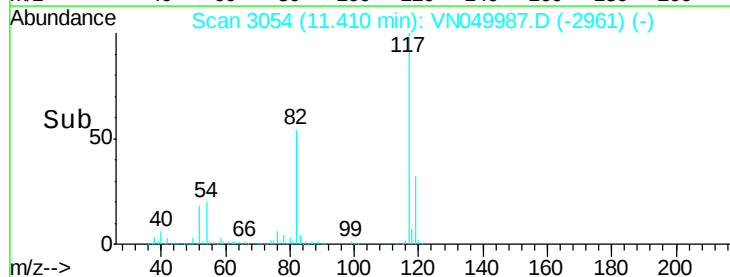
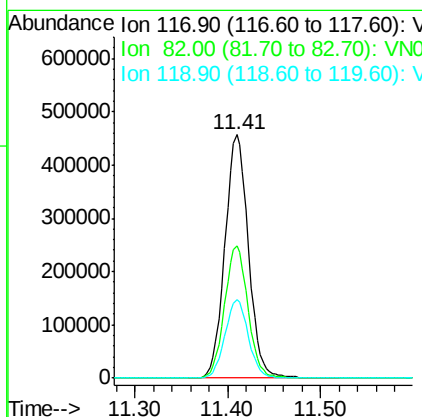
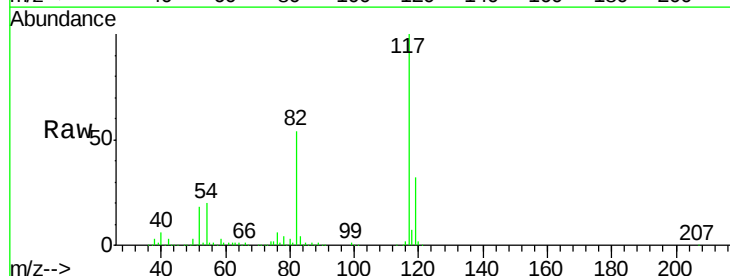
Instrument :
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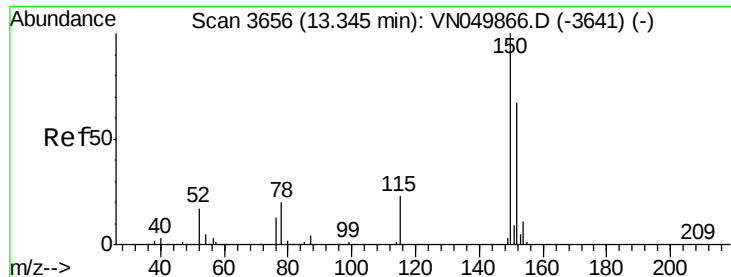
Tot Ion: 95 Resp: 357271
Ion Ratio Lower Upper
95 100
174 91.5 0.0 179.6
176 86.9 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049987.D
Acq: 21 Jul 2018 3:57

Tgt Ion: 117 Resp: 802634
Ion Ratio Lower Upper
117 100
82 54.5 41.9 62.9
119 32.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049987.D

Acq: 21 Jul 2018 3:57

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-5

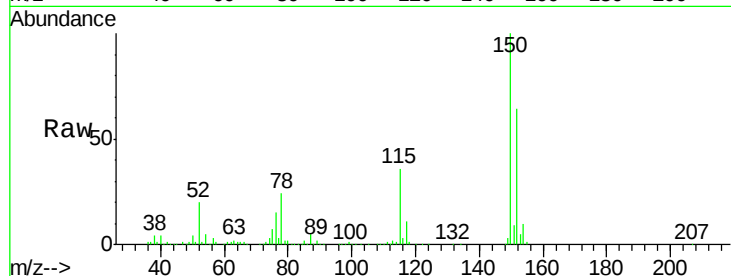
Tot Ion:152 Resp: 304702

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.2

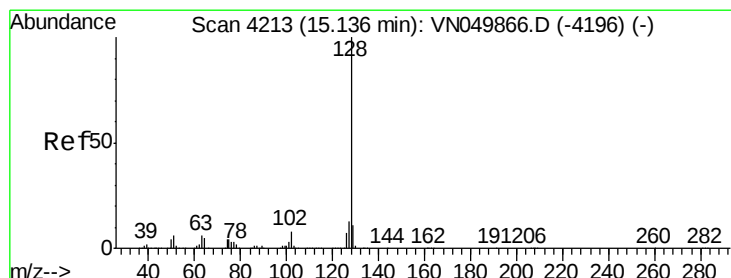
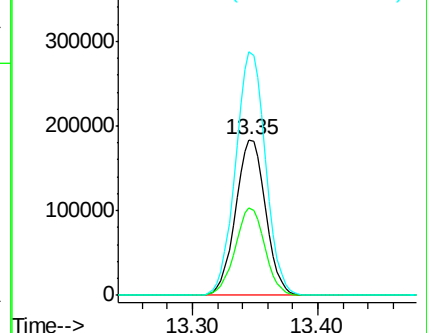
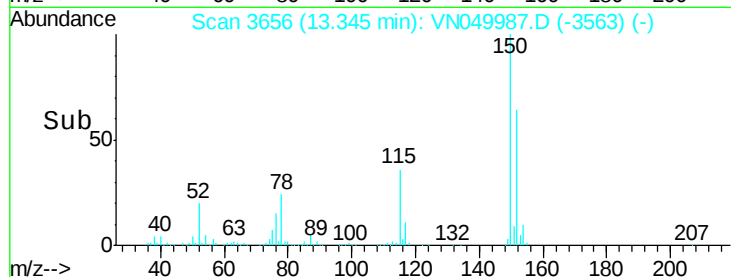
150 156.5 0.0 347.6



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: 6.92 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049987.D

Acq: 21 Jul 2018 3:57

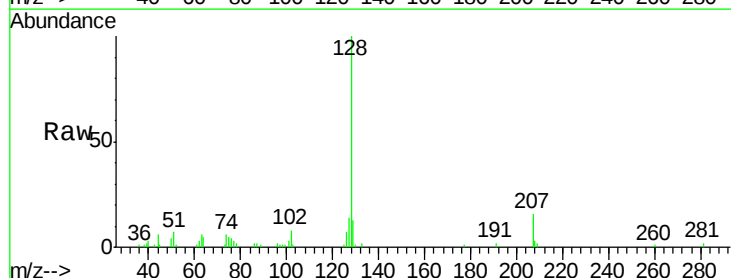
Tgt Ion:128 Resp: 38557

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 11.4 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

