

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002552.D
 Acq On : 04 May 2020 19:24
 Operator : SY/MD
 Sample : L2457-02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1340

Quant Time: May 05 08:38:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

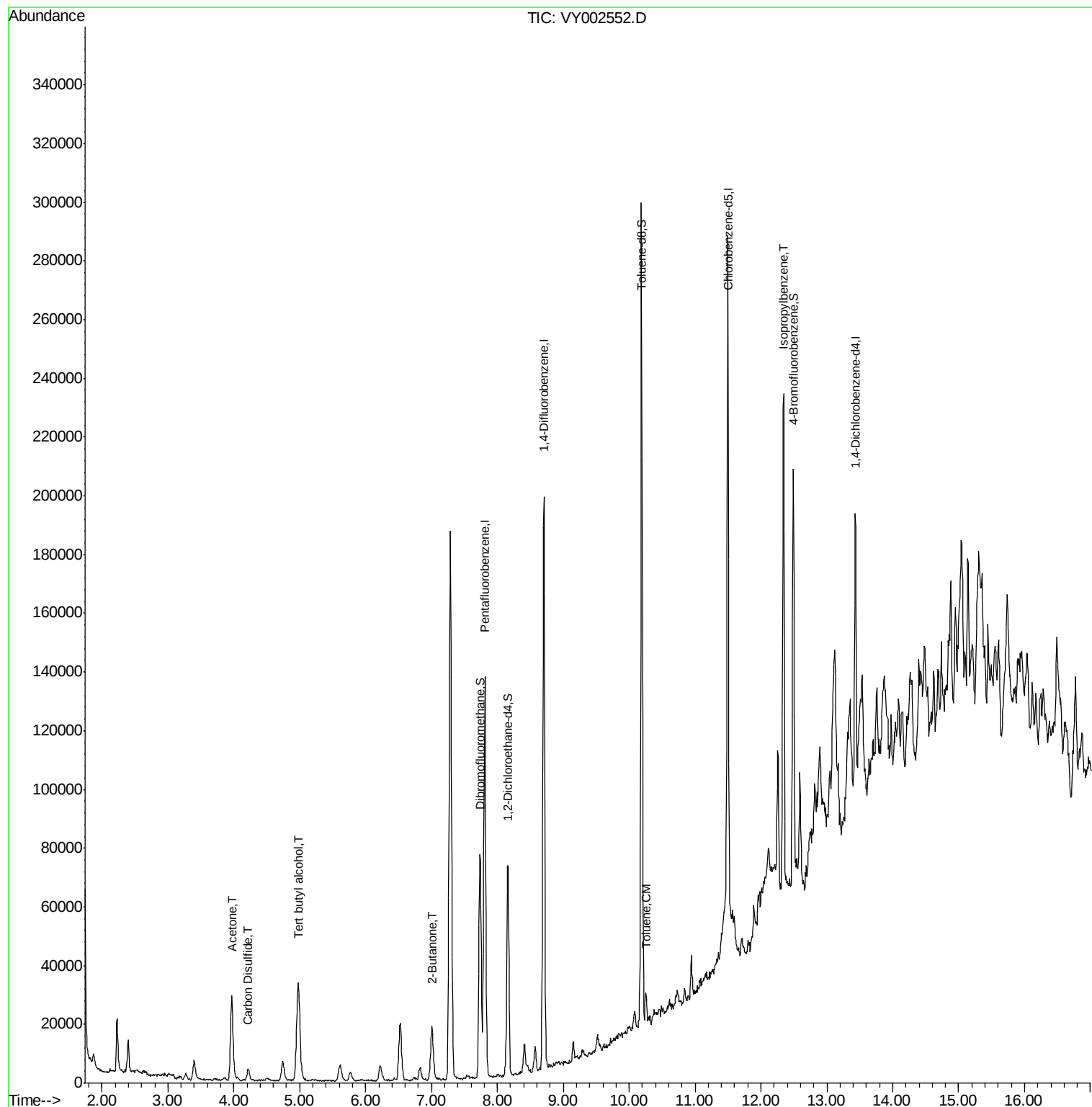
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	111320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	174777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	127374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	27650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	54826	58.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.14%	
35) Dibromofluoromethane	7.74	113	55346	55.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.74%	
50) Toluene-d8	10.19	98	192140	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.49	95	42889	32.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.76%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.98	59	71100	738.331	ug/l	99
16) Acetone	3.97	43	49724	257.411	ug/l	99
17) Carbon Disulfide	4.21	76	4966	1.723	ug/l #	94
25) 2-Butanone	7.02	43	20172	63.794	ug/l	98
52) Toluene	10.25	92	5059	1.860	ug/l	97
73) Isopropylbenzene	12.35	105	8695	4.852	ug/l #	61

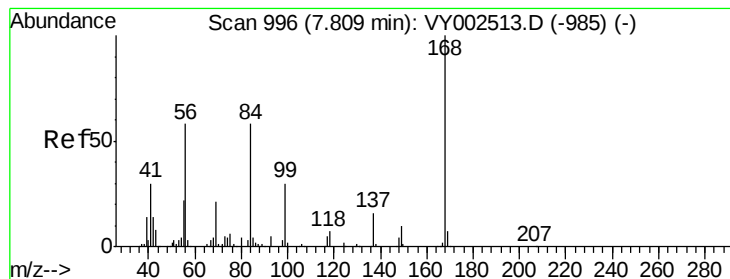
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
Data File : VY002552.D
Acq On : 04 May 2020 19:24
Operator : SY/MD
Sample : L2457-02
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1340

Quant Time: May 05 08:38:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002552.D

Acq: 04 May 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

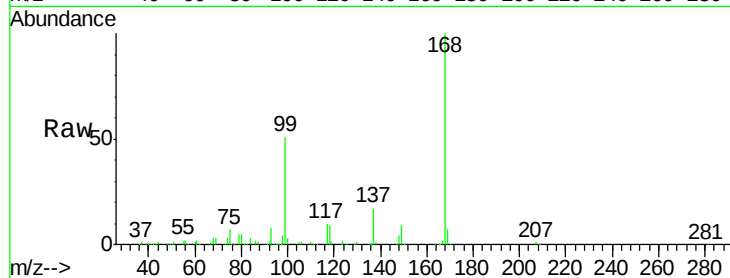
1340

Tot Ion:168 Resp: 111320

Ion Ratio Lower Upper

168 100

99 51.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.81

50000

40000

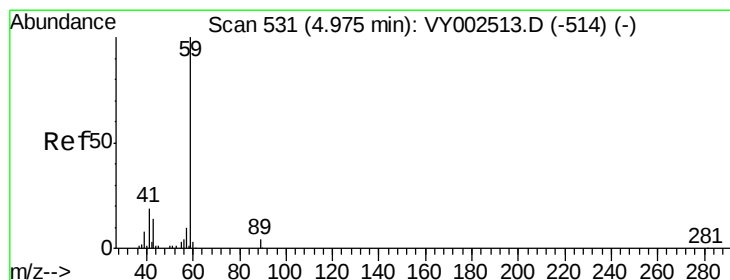
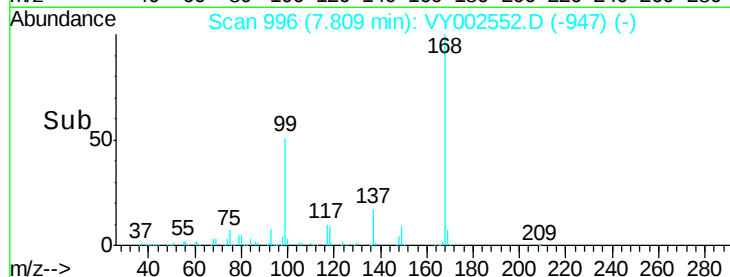
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 738.331 ug/l

RT: 4.98 min Scan# 532

Delta R.T. 0.01 min

Lab File: VY002552.D

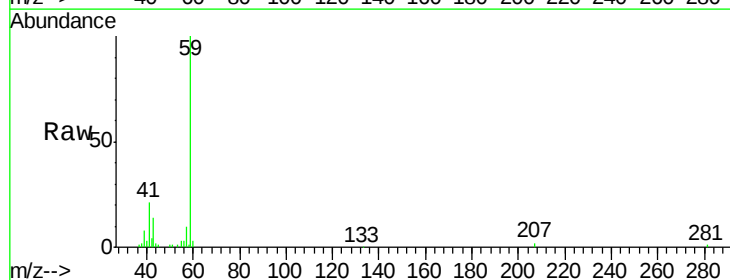
Acq: 04 May 2020 19:24

Tgt Ion: 59 Resp: 71100

Ion Ratio Lower Upper

59 100

57 10.0 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VY002513.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY002513.D (-514) (-)

4.98

20000

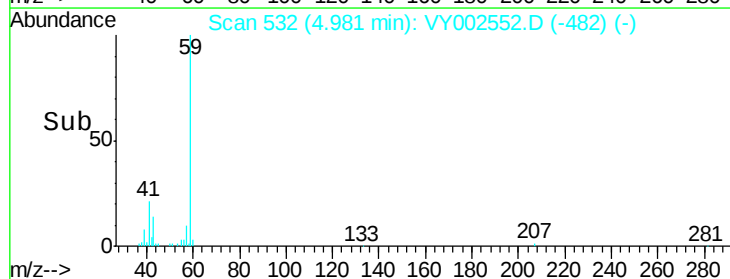
15000

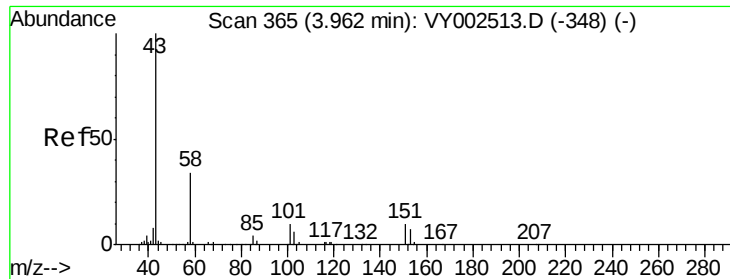
10000

5000

0

Time-->





#16

Acetone

Concen: 257.411 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002552.D

Acq: 04 May 2020 19:24

Instrument :

MSVOA_Y

ClientSampled :

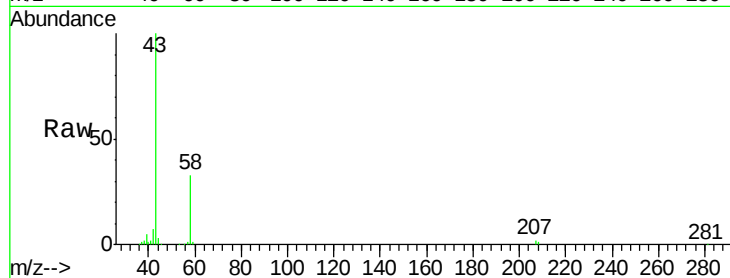
1340

Tot Ion: 43 Resp: 49724

Ion Ratio Lower Upper

43 100

58 32.9 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

20000

15000

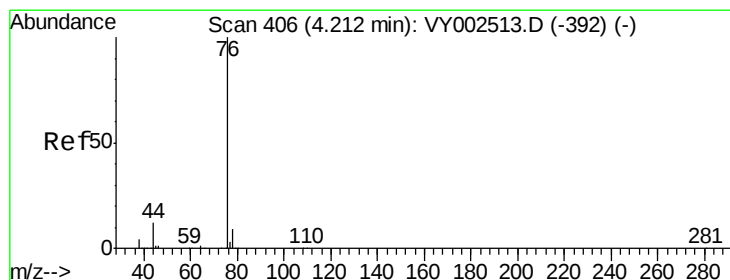
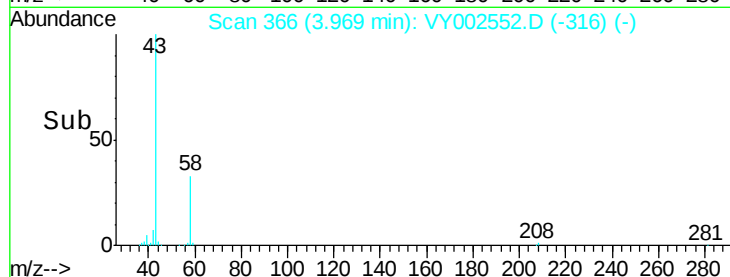
10000

5000

0

3.97

Time-->



#17

Carbon Disulfide

Concen: 1.723 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.00 min

Lab File: VY002552.D

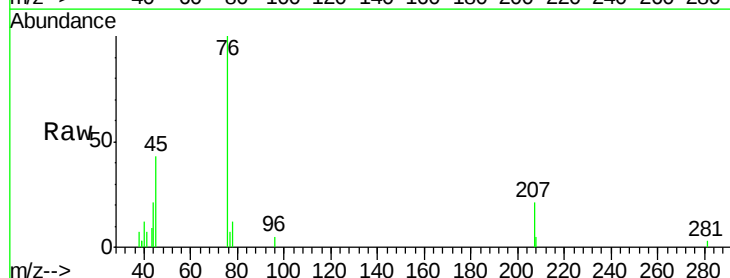
Acq: 04 May 2020 19:24

Tgt Ion: 76 Resp: 4966

Ion Ratio Lower Upper

76 100

78 11.6 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

2000

1500

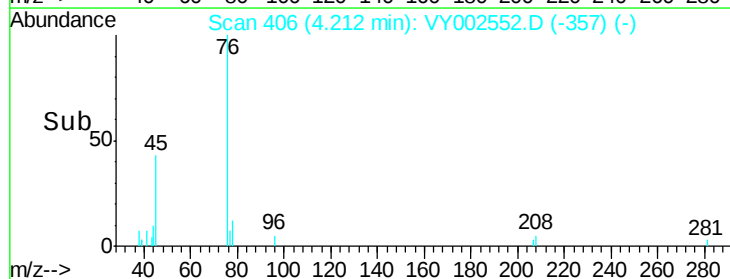
1000

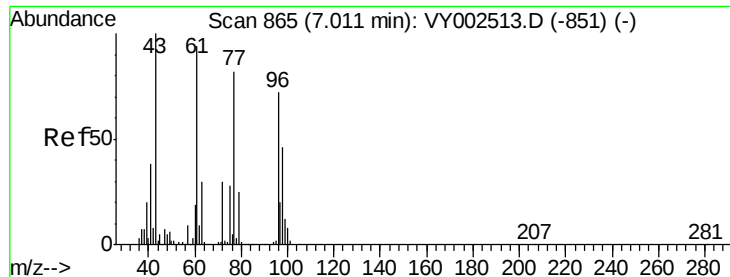
500

0

4.21

Time-->

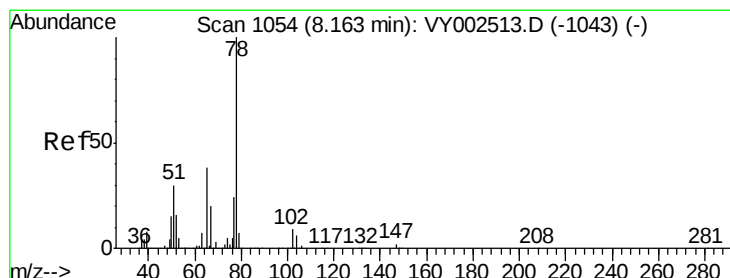
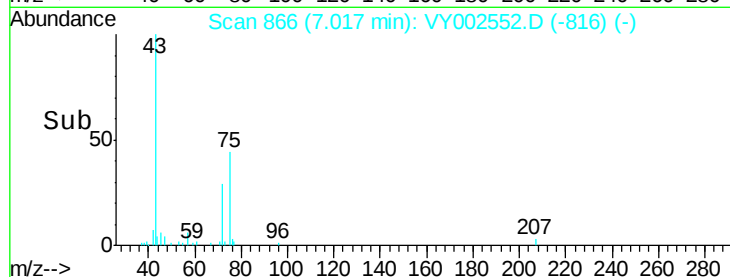
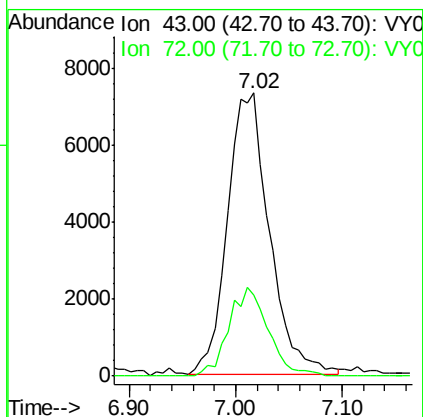
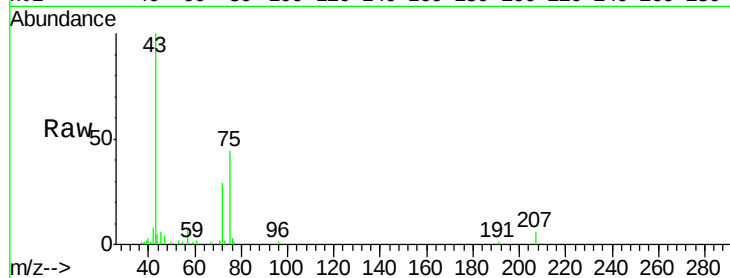




#25
2-Butanone
Concen: 63.794 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002552.D
Acq: 04 May 2020 19:24

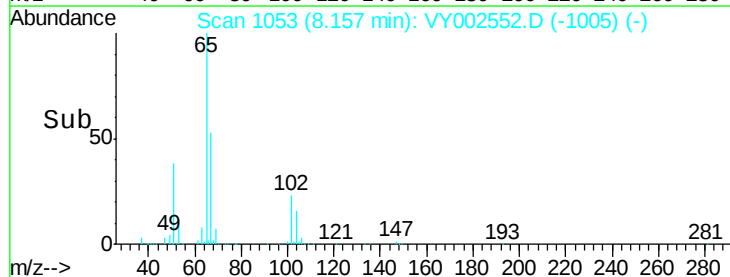
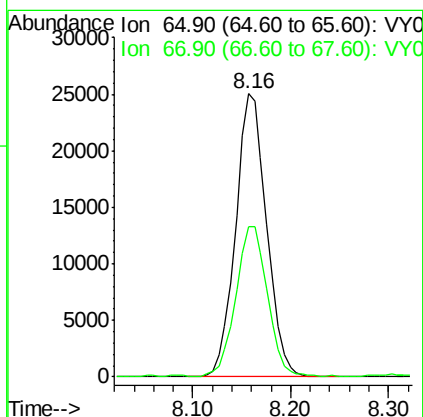
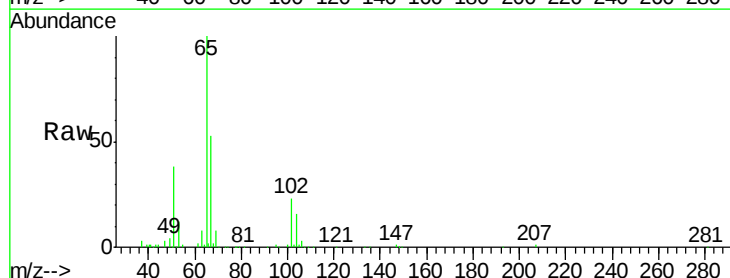
Instrument :
MSVOA_Y
ClientSampleId :
1340

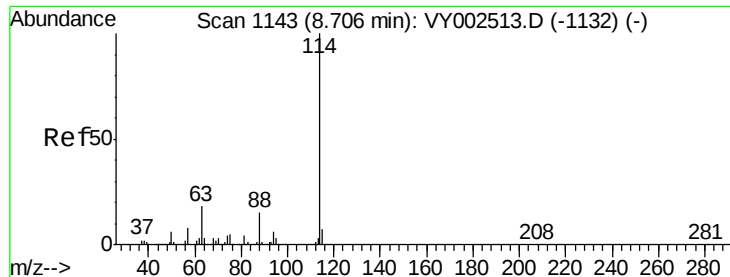
Tot Ion: 43 Resp: 20172
Ion Ratio Lower Upper
43 100
72 29.0 24.1 36.1



#33
1,2-Dichloroethane-d4
Concen: 58.575 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002552.D
Acq: 04 May 2020 19:24

Tgt Ion: 65 Resp: 54826
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.2

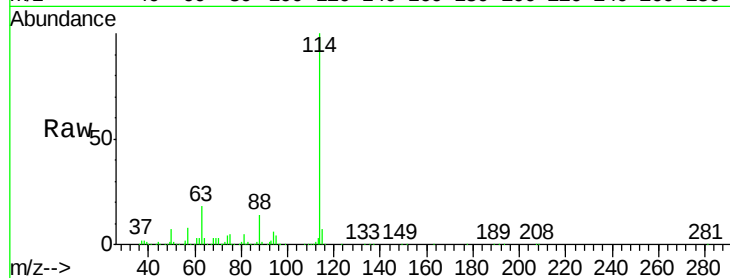




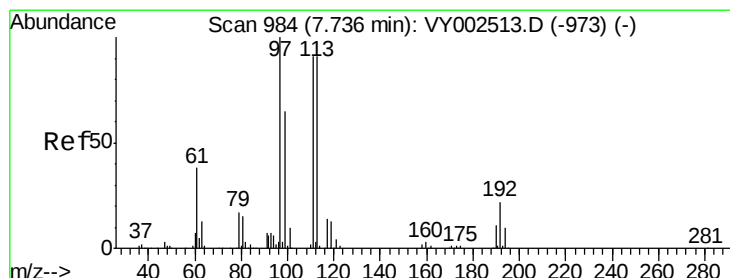
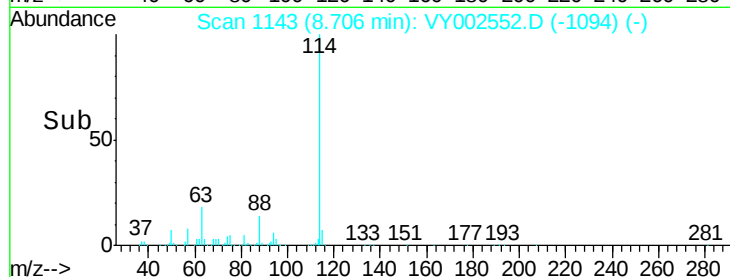
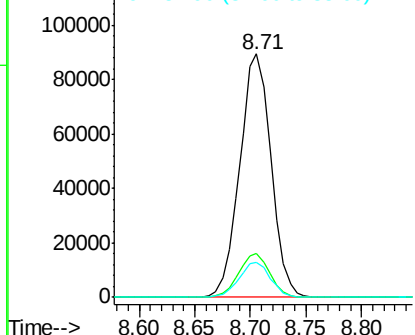
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002552.D
 Acq: 04 May 2020 19:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 1340

Tot Ion:114 Resp: 174777
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.4
 88 14.3 0.0 29.6

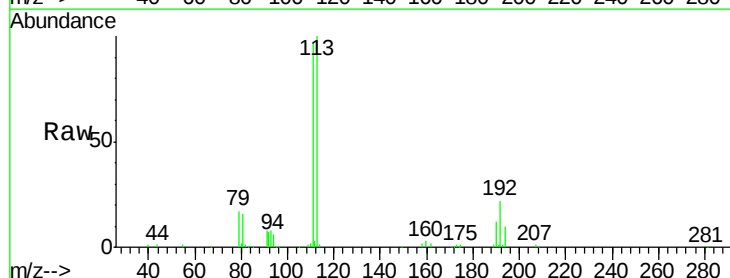


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

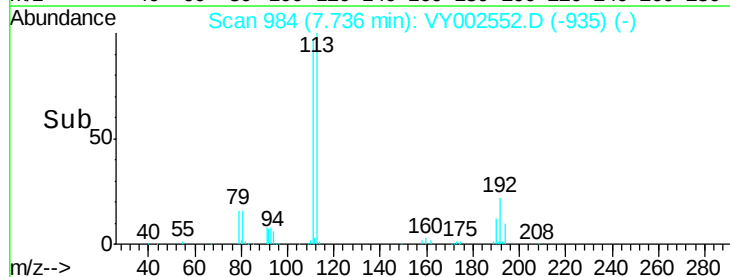
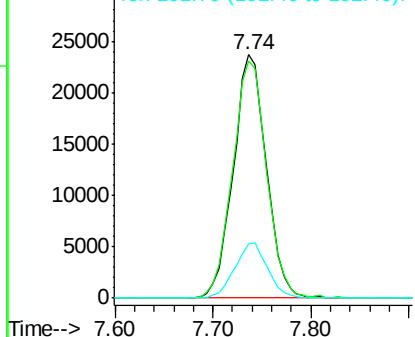


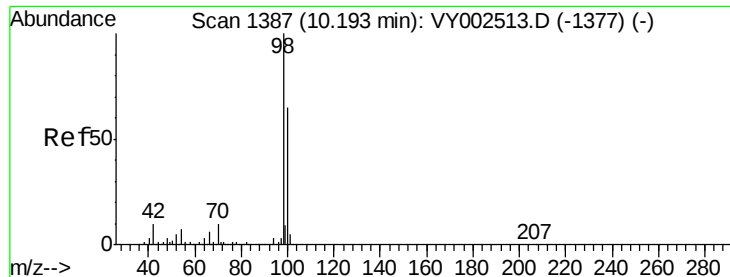
#35
 Dibromofluoromethane
 Concen: 55.371 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002552.D
 Acq: 04 May 2020 19:24

Tgt Ion:113 Resp: 55346
 Ion Ratio Lower Upper
 113 100
 111 100.3 81.8 122.6
 192 22.4 18.2 27.4



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

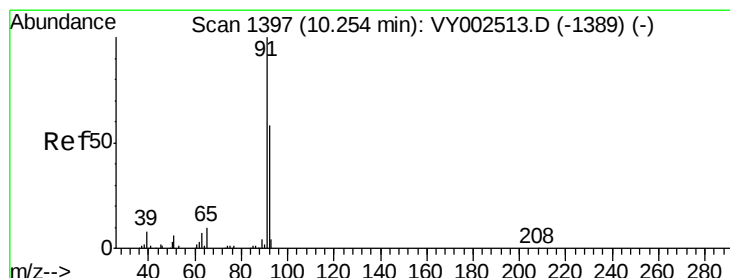
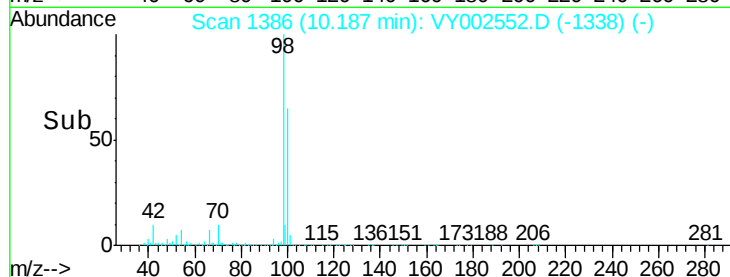
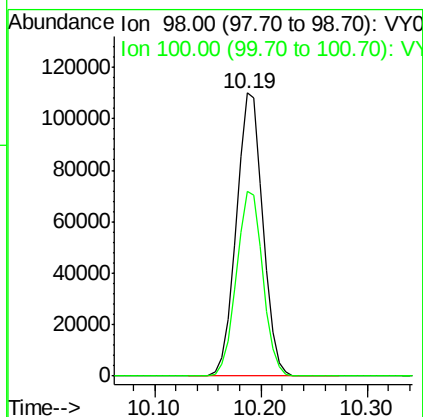
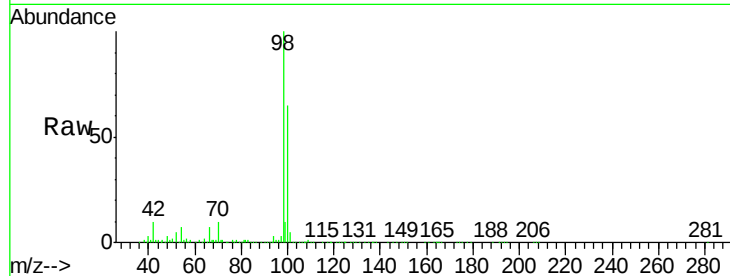




#50
Toluene-d8
Concen: 49.224 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002552.D
Acq: 04 May 2020 19:24

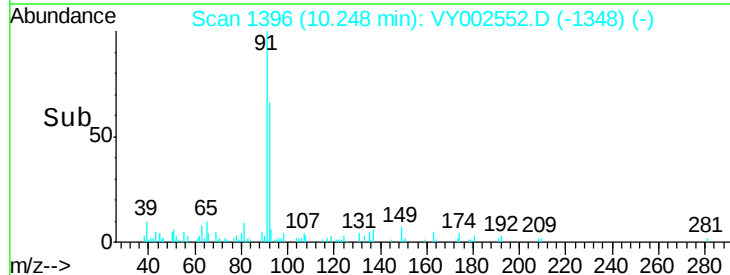
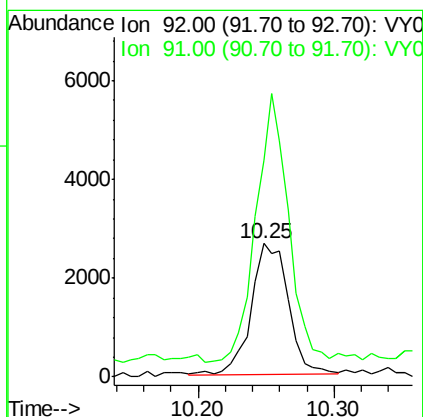
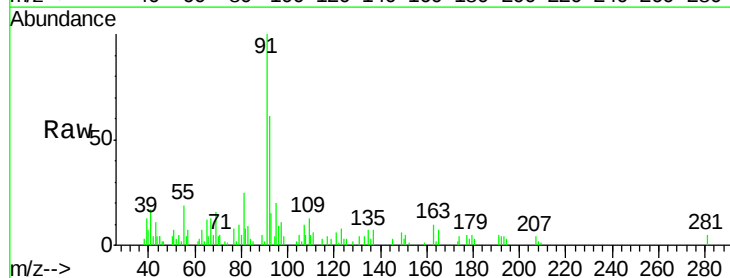
Instrument :
MSVOA_Y
ClientSampleId :
1340

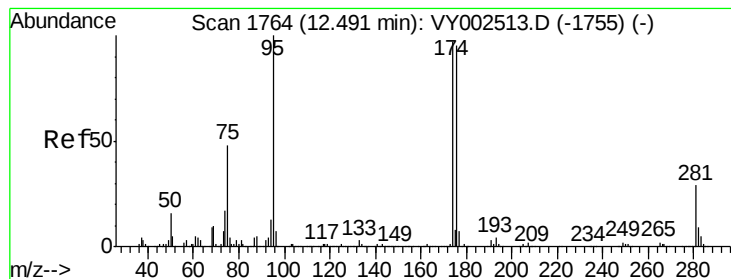
Tot Ion: 98 Resp: 192140
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



#52
Toluene
Concen: 1.860 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY002552.D
Acq: 04 May 2020 19:24

Tgt Ion: 92 Resp: 5059
Ion Ratio Lower Upper
92 100
91 178.3 139.3 208.9





#62

4-Bromofluorobenzene

Concen: 32.381 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002552.D

Acq: 04 May 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

1340

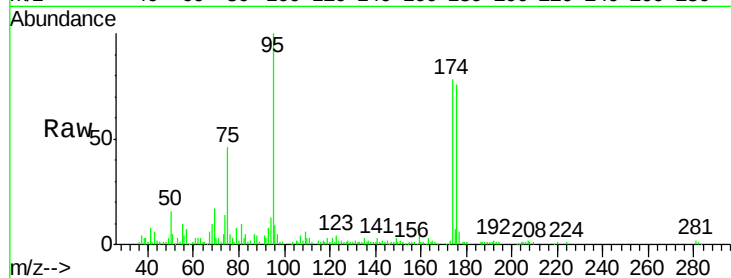
Tot Ion: 95 Resp: 42889

Ion Ratio Lower Upper

95 100

174 89.7 0.0 188.8

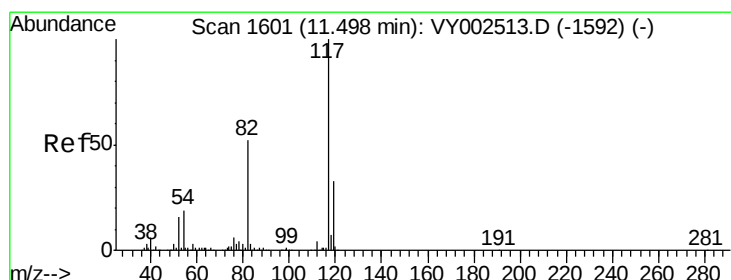
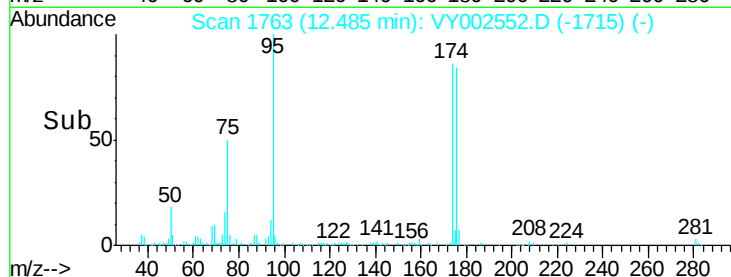
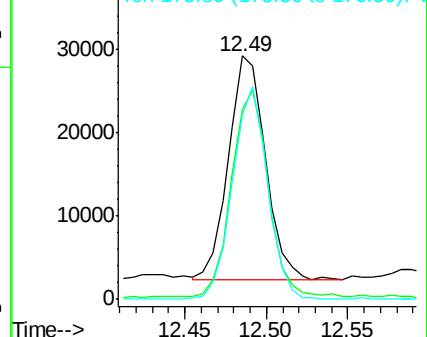
176 89.5 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY002513.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002513.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002513.D (-1755) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VY002552.D

Acq: 04 May 2020 19:24

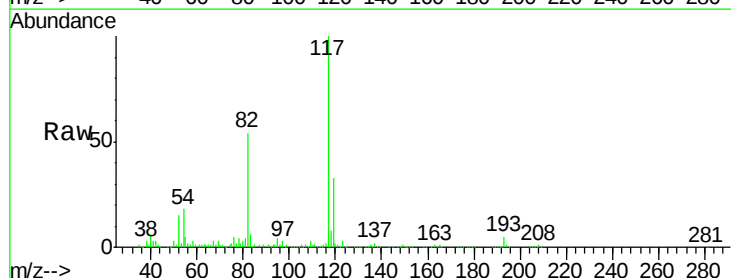
Tgt Ion: 117 Resp: 127374

Ion Ratio Lower Upper

117 100

82 52.9 41.3 61.9

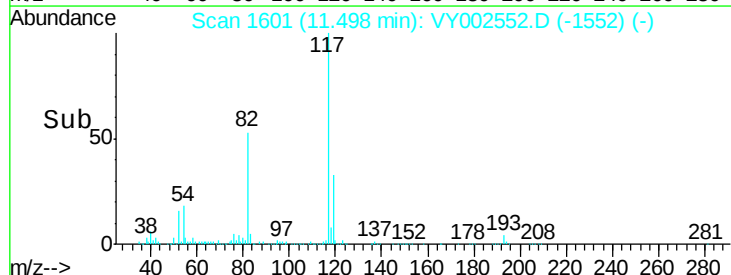
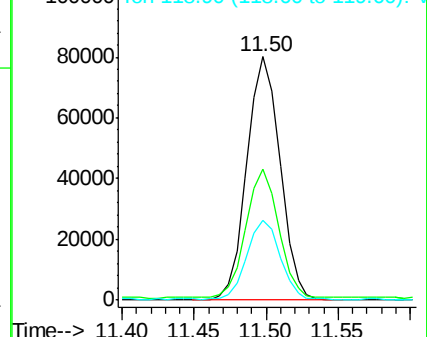
119 32.3 26.0 39.0

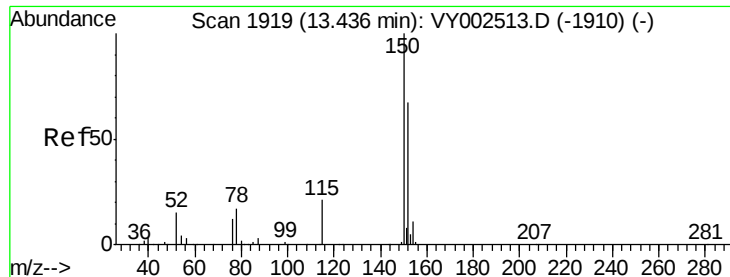


Abundance Ion 116.90 (116.60 to 117.60): VY002513.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002513.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002513.D (-1592) (-)



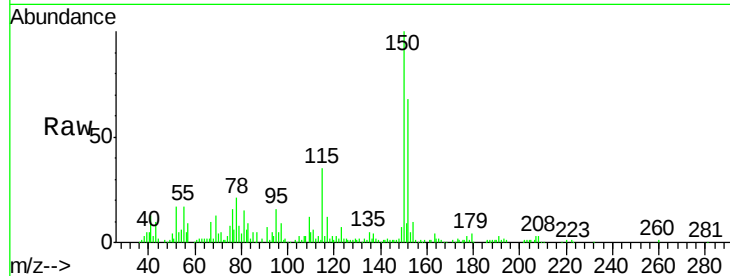


#72

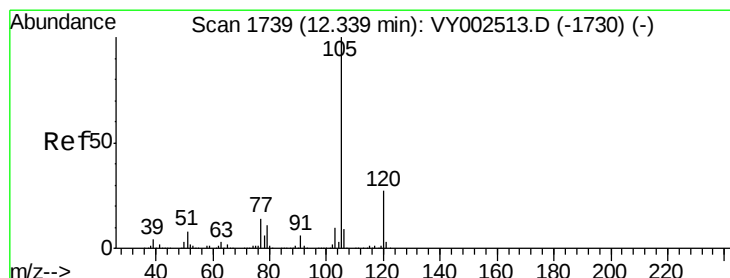
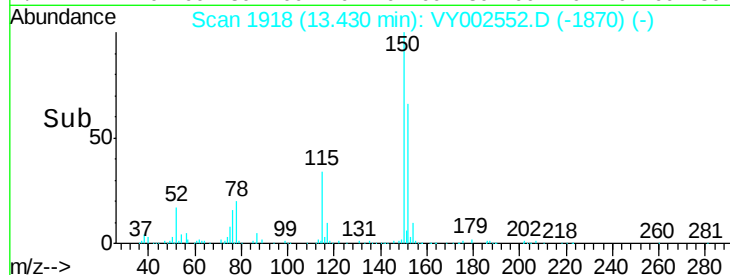
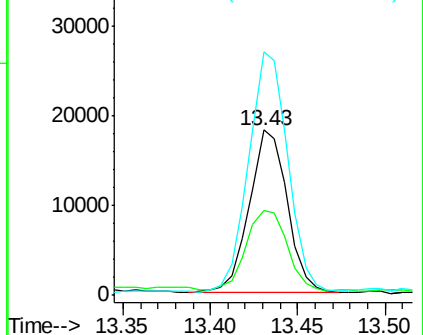
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002552.D
Acq: 04 May 2020 19:24

Instrument :
MSVOA_Y
ClientSampleId :
1340

Tot Ion:152 Resp: 27650
Ion Ratio Lower Upper
152 100
115 53.2 27.5 82.4
150 151.5 0.0 346.4



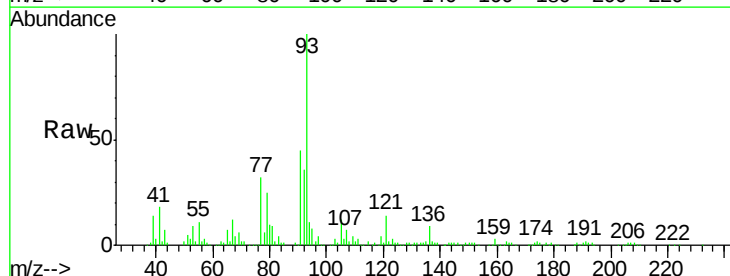
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 4.852 ug/l
RT: 12.35 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002552.D
Acq: 04 May 2020 19:24

Tgt Ion:105 Resp: 8695
Ion Ratio Lower Upper
105 100
120 7.1 13.8 41.3#



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

