

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011619\
 Data File : VU029207.D
 Acq On : 16 Jan 2019 14:18
 Operator : JC/SP
 Sample : K1147-27
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-9

Quant Time: Jan 17 01:29:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

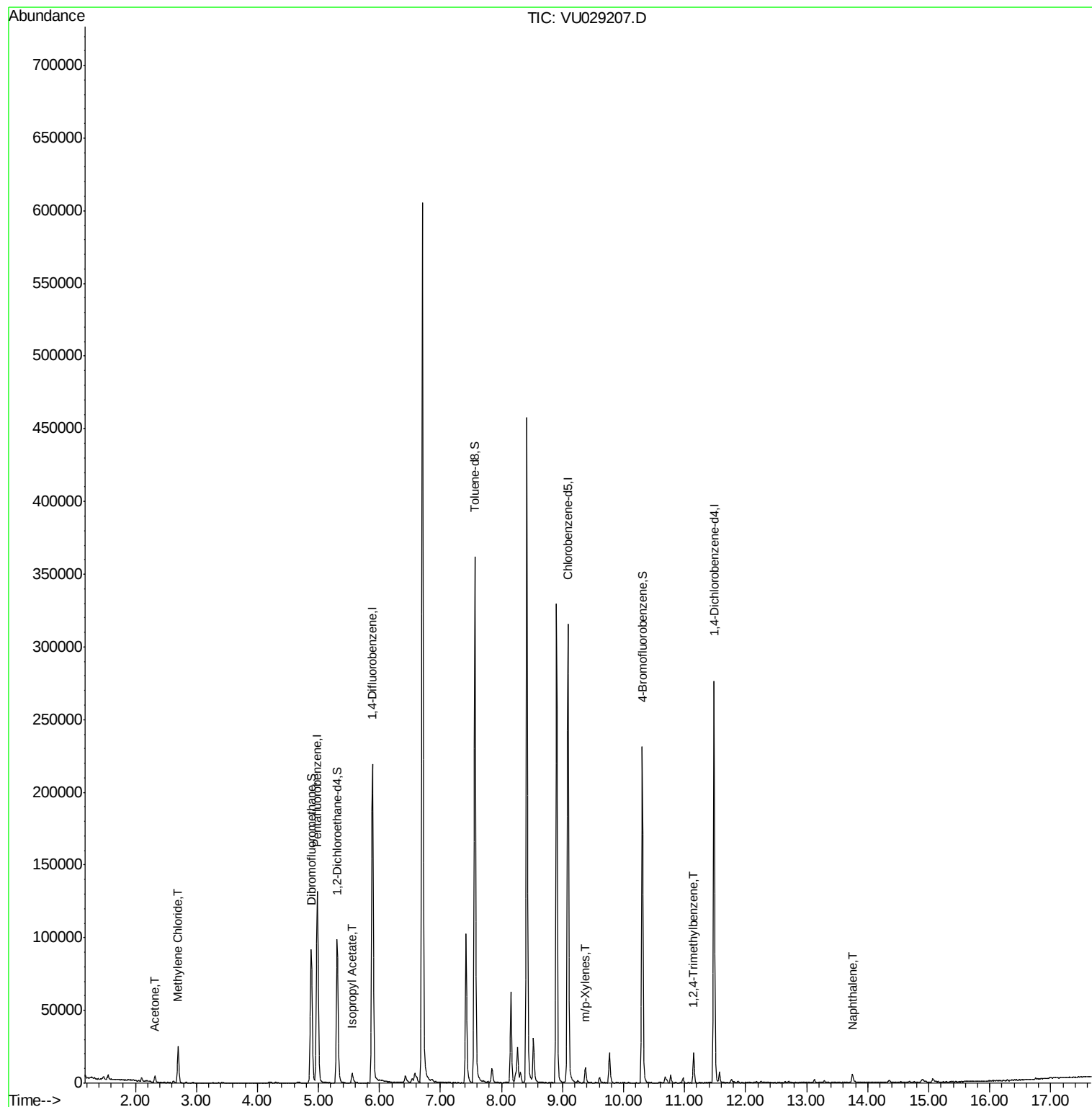
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	192377	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	181804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74044	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75695	56.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.82%	
35) Dibromofluoromethane	4.88	113	65680	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
50) Toluene-d8	7.56	98	249247	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	10.30	95	79400	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
Target Compounds						
16) Acetone	2.32	43	4980	5.943	ug/l	90
20) Methylene Chloride	2.70	84	11516	8.094	ug/l	98
43) Isopropyl Acetate	5.55	43	8157	2.519	ug/l	94
68) m/p-Xylenes	9.37	106	3495	1.322	ug/l	95
84) 1,2,4-Trimethylbenzene	11.15	105	11801	2.583	ug/l	100
95) Naphthalene	13.75	128	6984	1.219	ug/l #	92

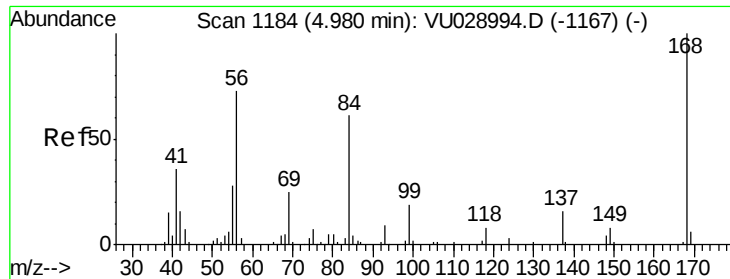
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011619\
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MSVOA_U
ClientSampleId :
TP-9

Quant Time: Jan 17 01:29:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029207.D

Acq: 16 Jan 2019 14:18

Instrument :

MSVOA_U

ClientSampleId :

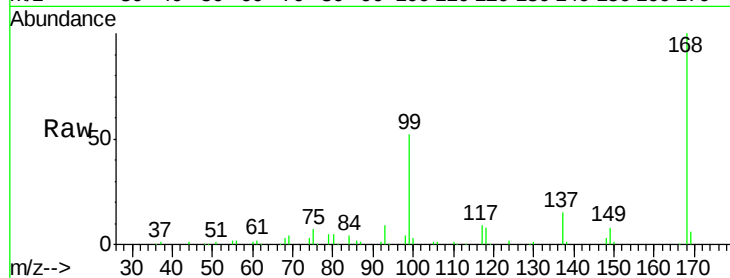
TP-9

Tot Ion:168 Resp: 107604

Ion Ratio Lower Upper

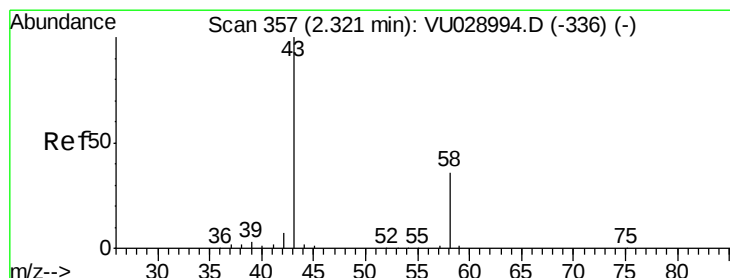
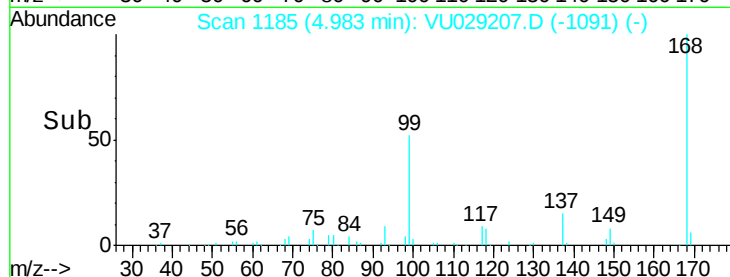
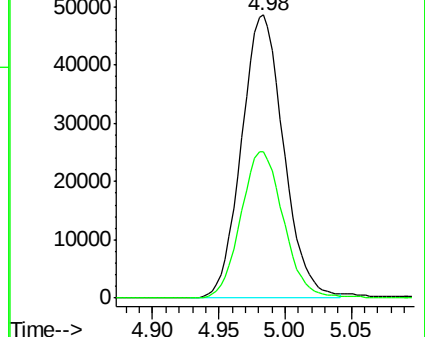
168 100

99 51.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)



#16

Acetone

Concen: 5.943 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029207.D

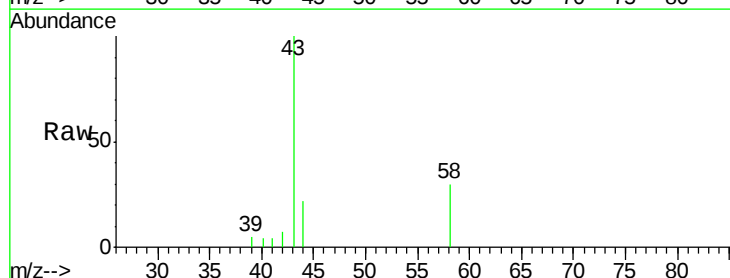
Acq: 16 Jan 2019 14:18

Tgt Ion: 43 Resp: 4980

Ion Ratio Lower Upper

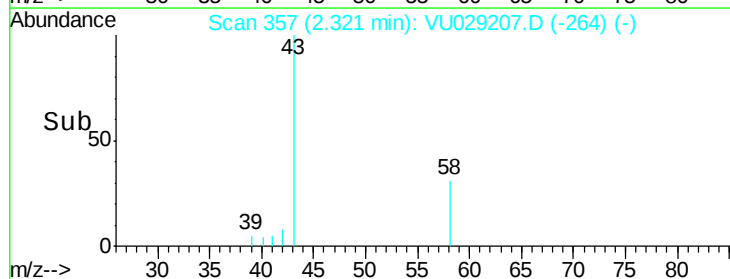
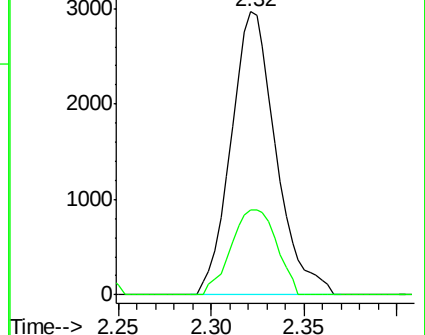
43 100

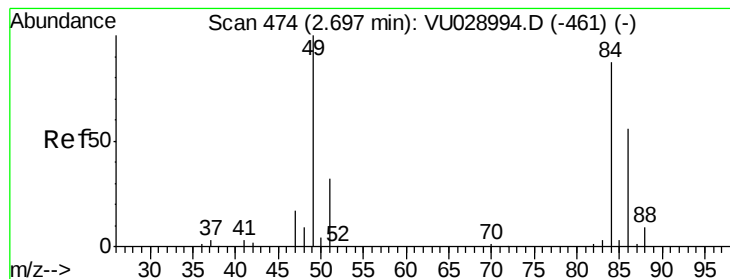
58 29.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)





#20

Methylene Chloride

Concen: 8.094 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029207.D

Acq: 16 Jan 2019 14:18

Instrument :

MSVOA_U

ClientSampleId :

TP-9

Tot Ion: 84 Resp: 11516

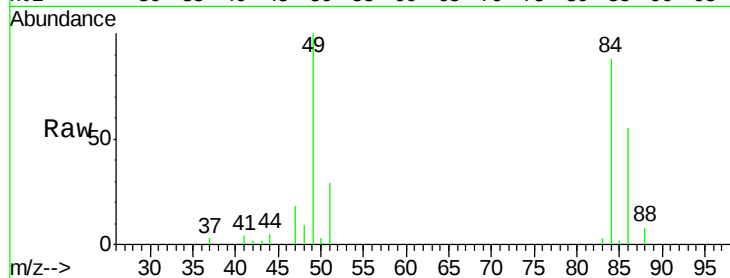
Ion Ratio Lower Upper

84 100

49 114.2 91.9 137.9

51 33.1 29.2 43.8

86 62.5 51.8 77.6

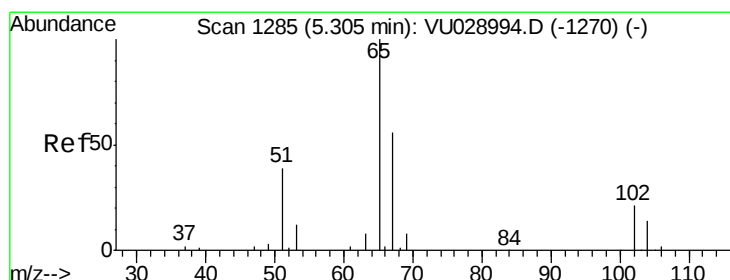
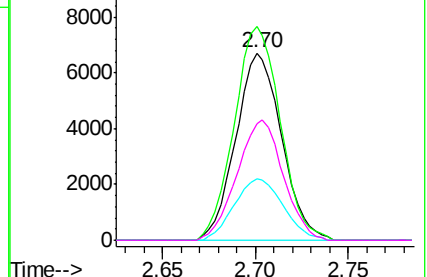
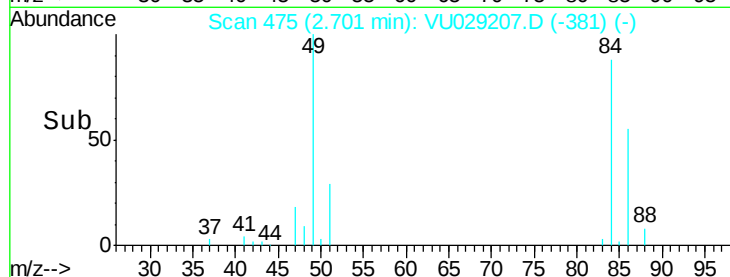


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 56.905 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029207.D

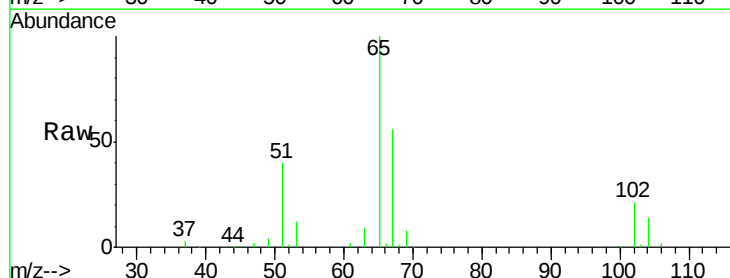
Acq: 16 Jan 2019 14:18

Tgt Ion: 65 Resp: 75695

Ion Ratio Lower Upper

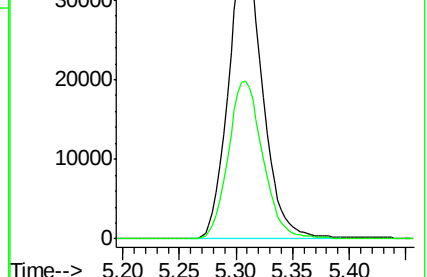
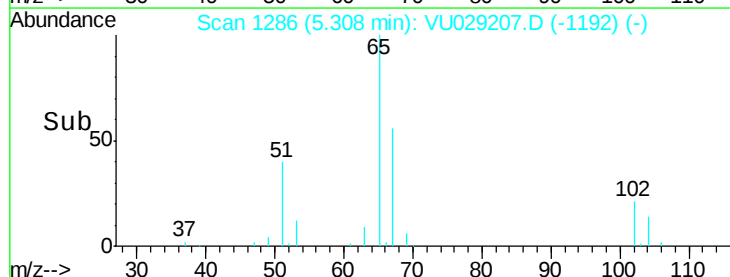
65 100

67 55.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

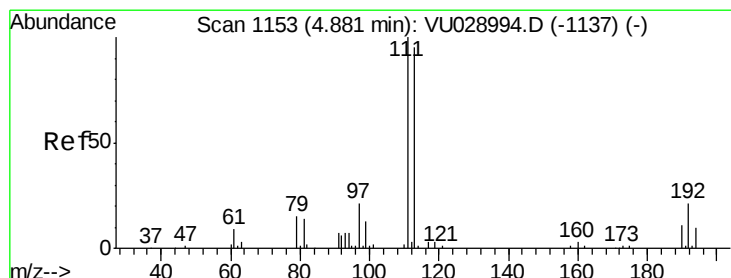
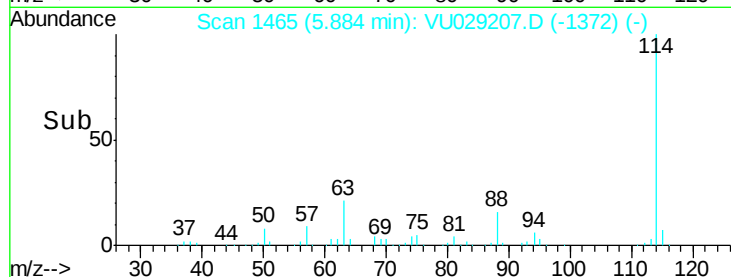
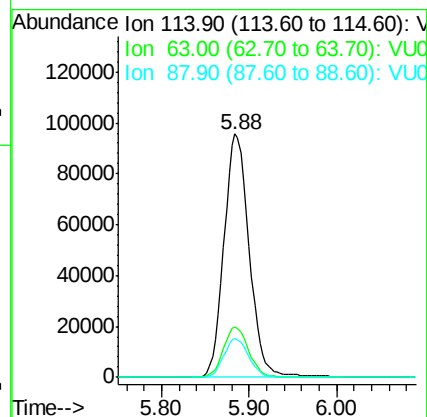
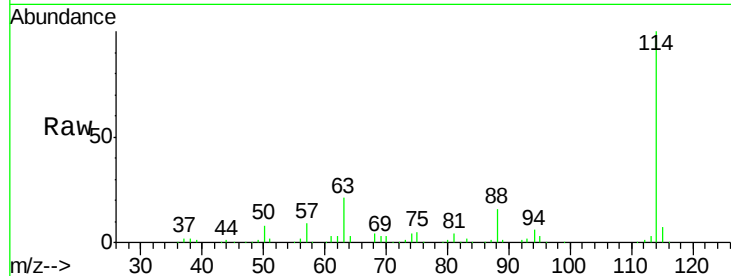




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029207.D
 Acq: 16 Jan 2019 14:18

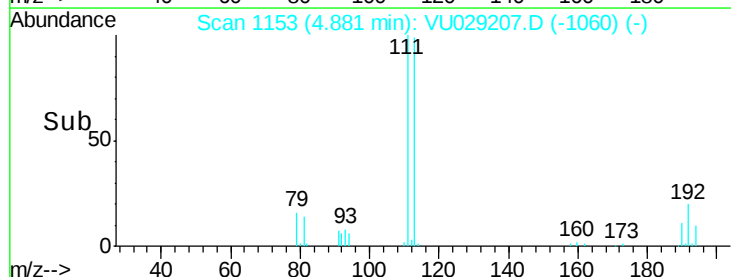
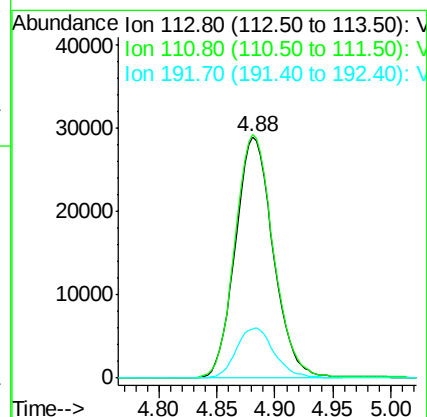
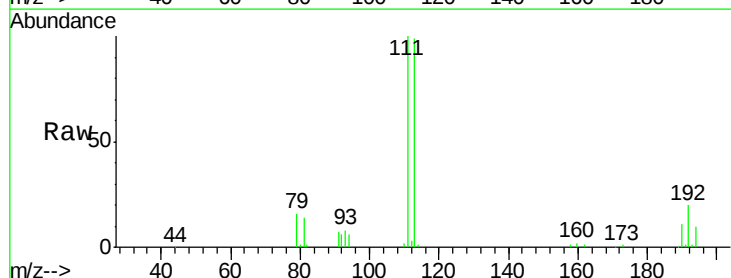
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-9

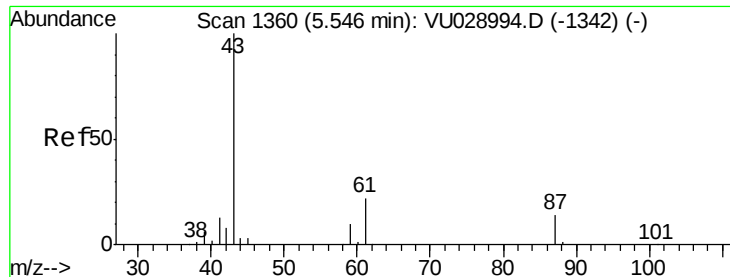
Tot Ion:114 Resp: 192377
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.2
 88 15.7 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 52.669 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029207.D
 Acq: 16 Jan 2019 14:18

Tgt Ion:113 Resp: 65680
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.2
 192 20.8 16.8 25.2





#43

Isopropyl Acetate

Concen: 2.519 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029207.D

Acq: 16 Jan 2019 14:18

Instrument :

MSVOA_U

ClientSampled :

TP-9

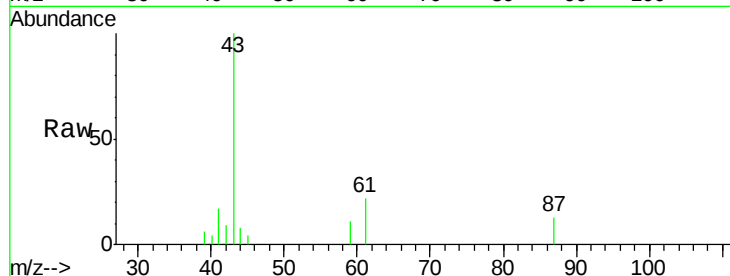
Tot Ion: 43 Resp: 8157

Ion Ratio Lower Upper

43 100

61 19.2 17.8 26.6

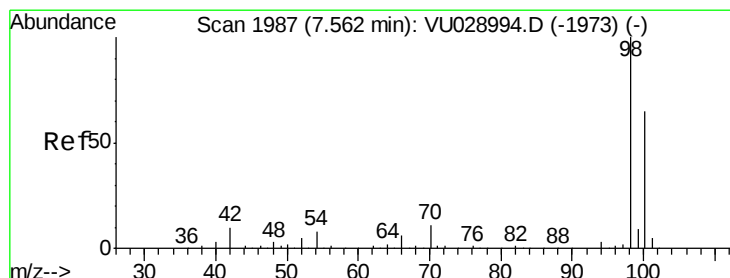
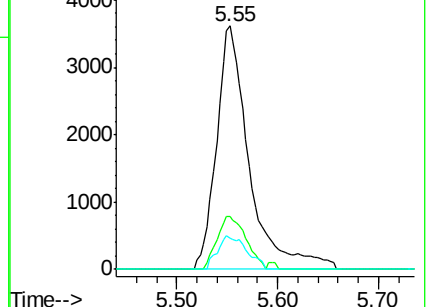
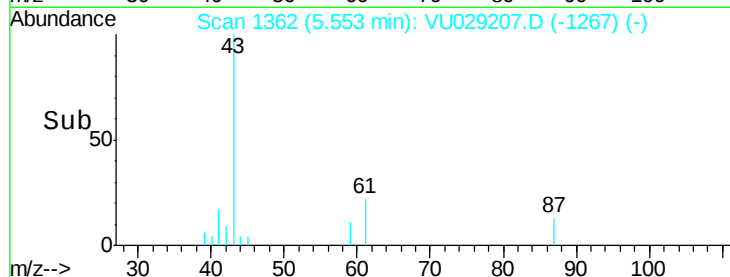
87 12.1 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU029207.D (-1267) (-)

Ion 61.00 (60.70 to 61.70): VU029207.D (-1267) (-)

Ion 87.00 (86.70 to 87.70): VU029207.D (-1267) (-)



#50

Toluene-d8

Concen: 50.627 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029207.D

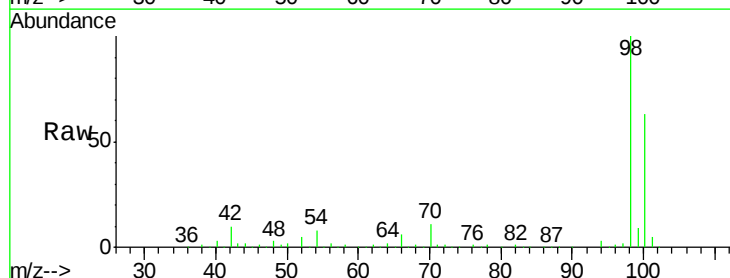
Acq: 16 Jan 2019 14:18

Tgt Ion: 98 Resp: 249247

Ion Ratio Lower Upper

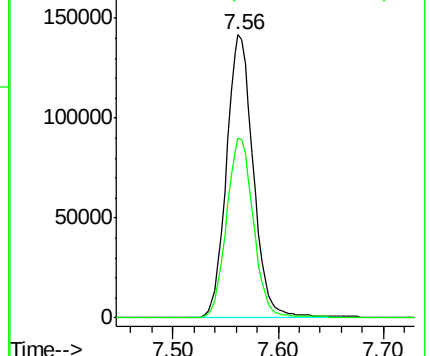
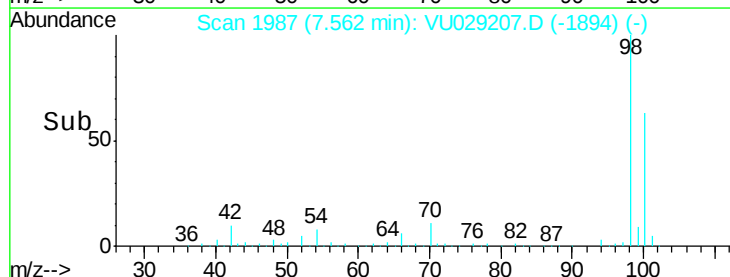
98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU029207.D (-1894) (-)

Ion 100.00 (99.70 to 100.70): VU029207.D (-1894) (-)

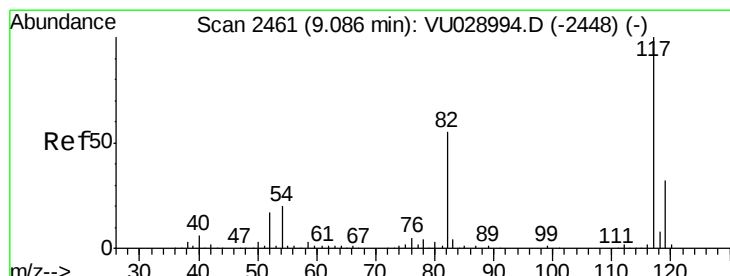
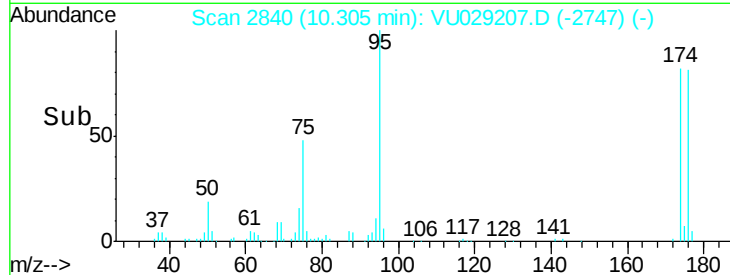
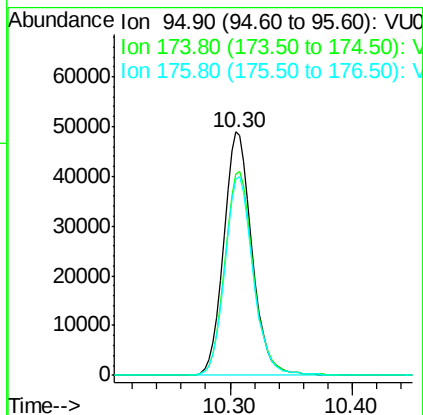
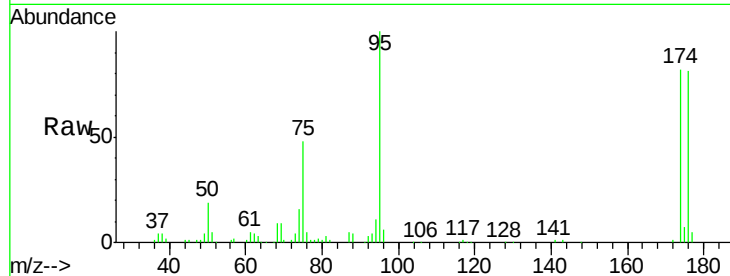




#62
4-Bromofluorobenzene
Concen: 44.877 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029207.D
Acq: 16 Jan 2019 14:18

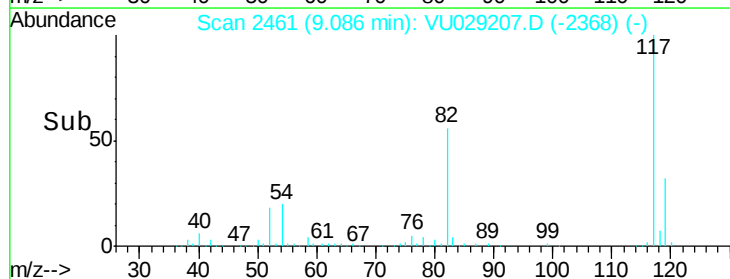
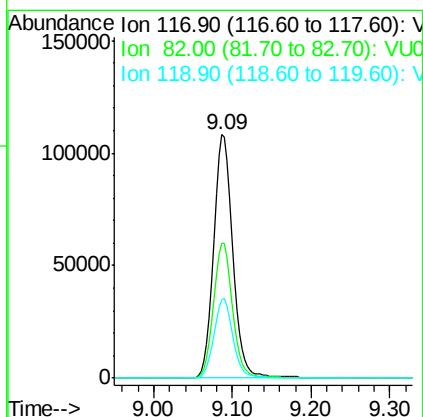
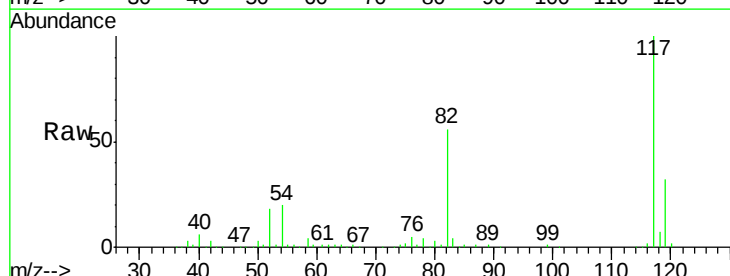
Instrument :
MSVOA_U
ClientSampled :
TP-9

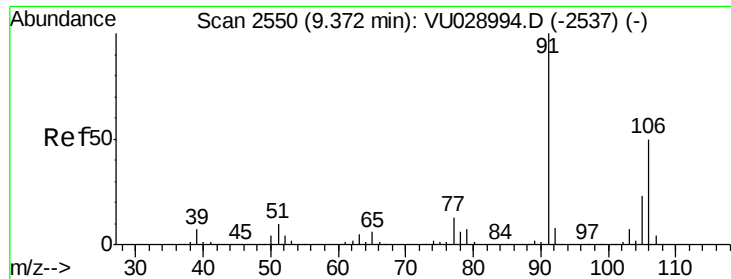
Tot Ion: 95 Resp: 79400
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.6
176 82.0 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029207.D
Acq: 16 Jan 2019 14:18

Tgt Ion: 117 Resp: 181804
Ion Ratio Lower Upper
117 100
82 55.6 43.9 65.9
119 32.5 26.0 39.0

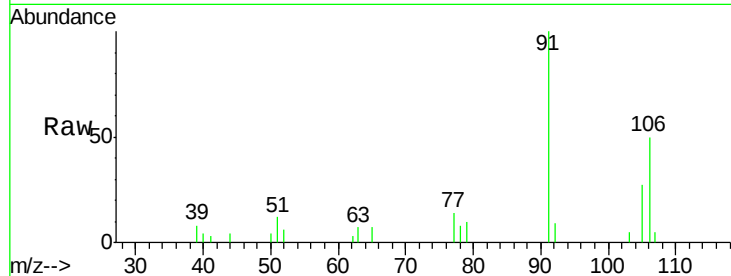




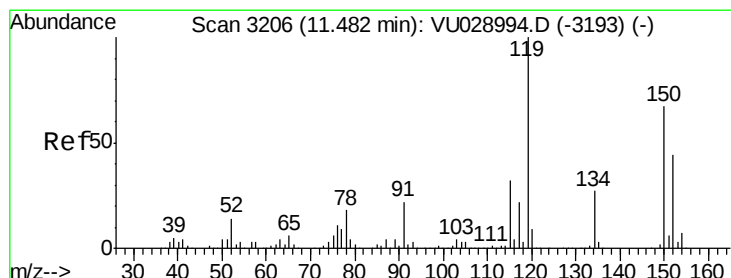
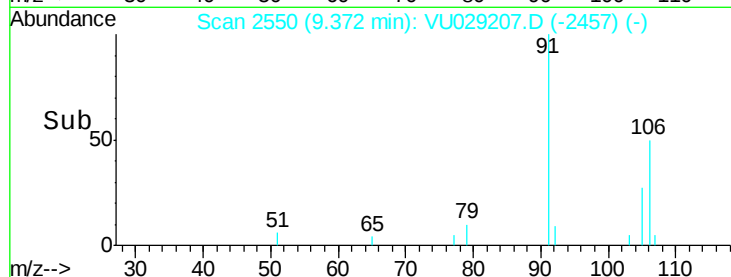
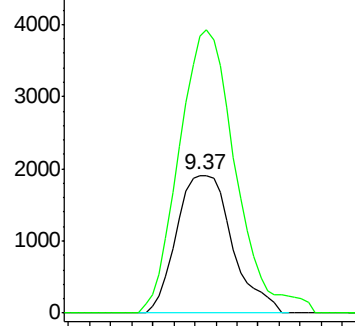
#68
m/p-Xylenes
Concen: 1.322 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029207.D
Acq: 16 Jan 2019 14:18

Instrument :
MSVOA_U
ClientSampled :
TP-9

Tot Ion:106 Resp: 3495
Ion Ratio Lower Upper
106 100
91 209.4 161.7 242.5

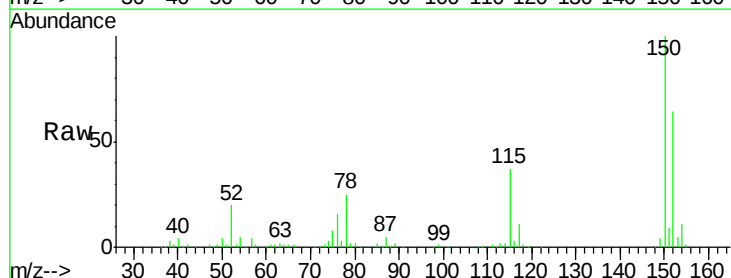


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

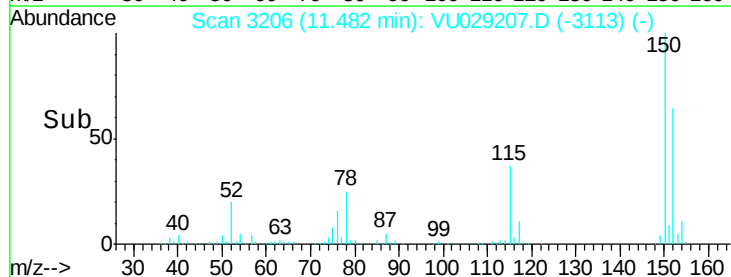
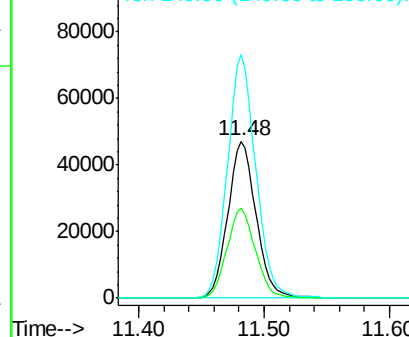


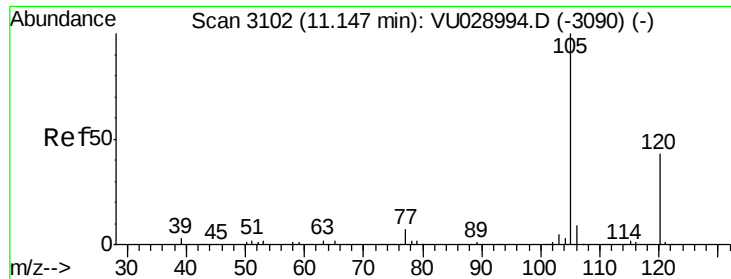
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029207.D
Acq: 16 Jan 2019 14:18

Tgt Ion:152 Resp: 74044
Ion Ratio Lower Upper
152 100
115 57.6 40.1 120.3
150 155.9 0.0 345.2



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





#84

1,2,4-Trimethylbenzene

Concen: 2.583 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU029207.D

Acq: 16 Jan 2019 14:18

Instrument :

MSVOA_U

ClientSampled :

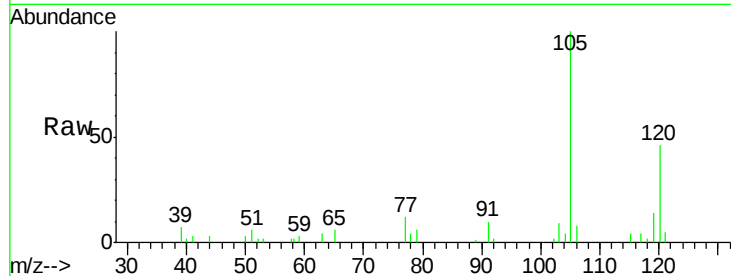
TP-9

Tot Ion:105 Resp: 11801

Ion Ratio Lower Upper

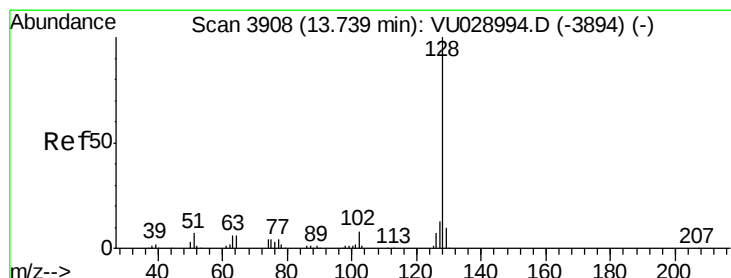
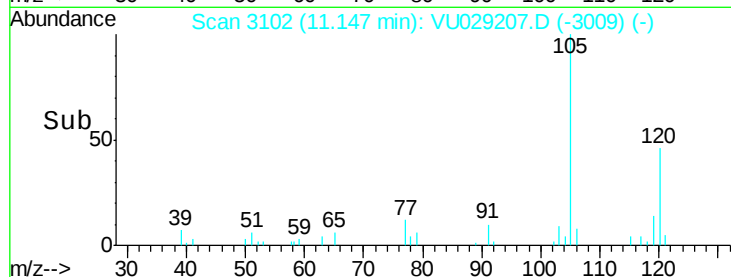
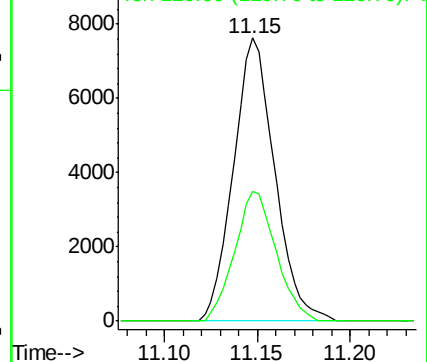
105 100

120 45.9 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.219 ug/l

RT: 13.75 min Scan# 3911

Delta R.T. 0.01 min

Lab File: VU029207.D

Acq: 16 Jan 2019 14:18

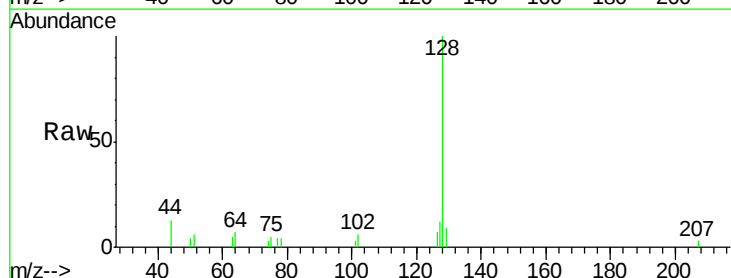
Tgt Ion:128 Resp: 6984

Ion Ratio Lower Upper

128 100

127 10.5 10.1 15.1

129 6.8 8.5 12.7#



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

