

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX005969.D
 Acq On : 14 Nov 2018 12:56
 Operator : JC/MD
 Sample : VX1114MBL01
 Misc : 5.00µl/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBL01

Quant Time: Nov 15 00:20:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	95119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	141079	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	125156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	60752	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	64754	59.22	ug/l	0.00
Spiked Amount			Recovery	=	118.44%	
35) Dibromofluoromethane	5.50	113	49394	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
50) Toluene-d8	8.71	98	165581	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	11.14	95	54995	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	

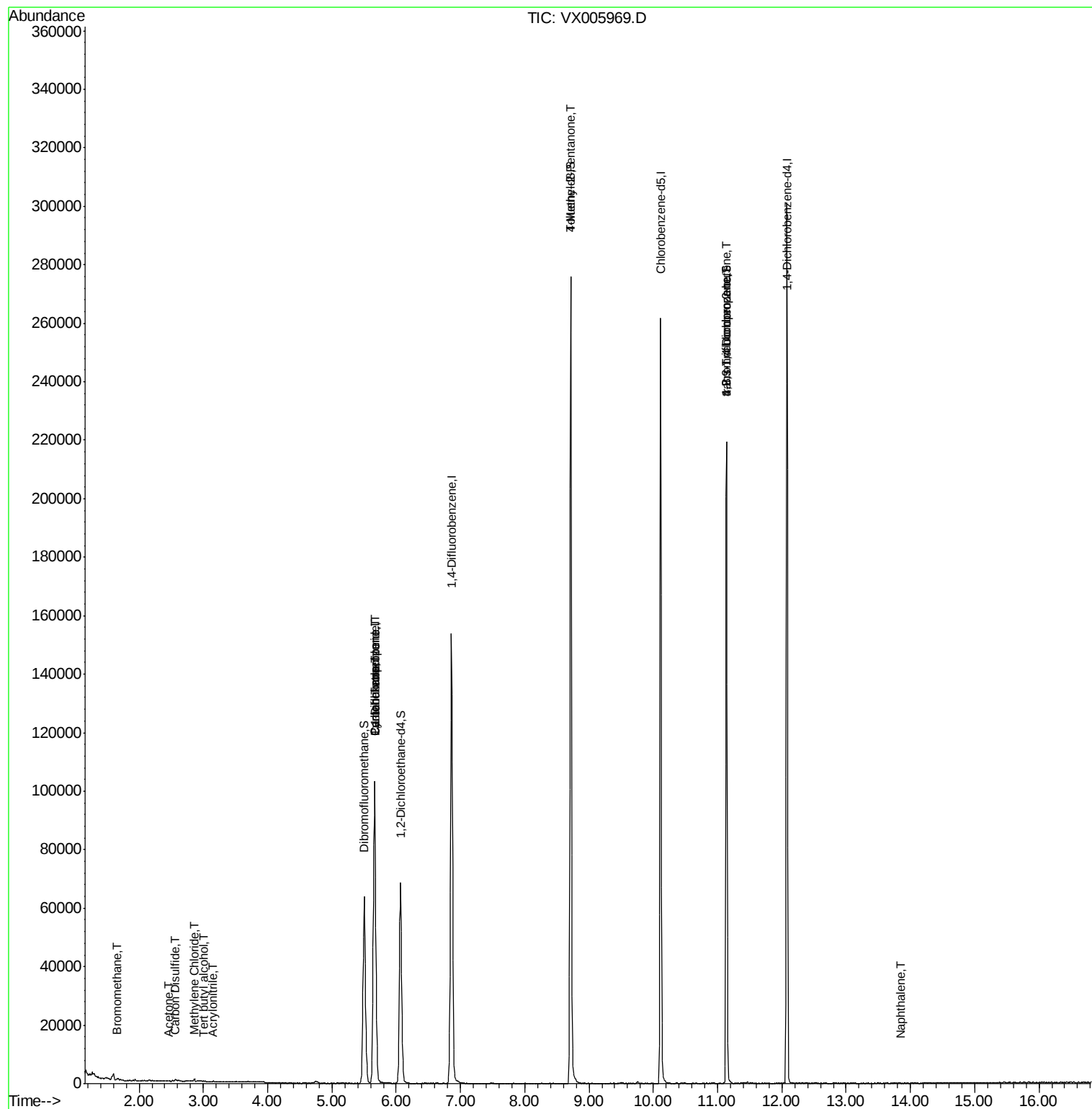
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	199	0.288	ug/l #	73
11) Tert butyl alcohol	3.01	59	120	0.383	ug/l #	72
15) Acrylonitrile	3.15	53	167	0.257	ug/l #	72
16) Acetone	2.45	43	210	0.357	ug/l #	45
17) Carbon Disulfide	2.57	76	534	0.213	ug/l #	76
18) Methyl Acetate	2.78	43	242	Below Cal	#	55
20) Methylene Chloride	2.86	84	238	0.246	ug/l #	80
31) Cyclohexane	5.67	56	1955	1.283	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	7038	5.175	ug/l #	49
38) Carbon Tetrachloride	5.67	117	9177	6.740	ug/l #	19
51) 4-Methyl-2-Pentanone	8.71	43	757	0.463	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	28720	23.217	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	28720	73.995	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	25	Below Cal	#	31
95) Naphthalene	13.84	128	238	1.231	ug/l #	69

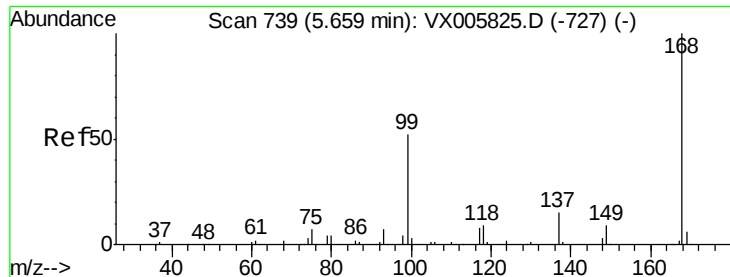
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111418\
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Quant Time: Nov 15 00:20:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005969.D

Acq: 14 Nov 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

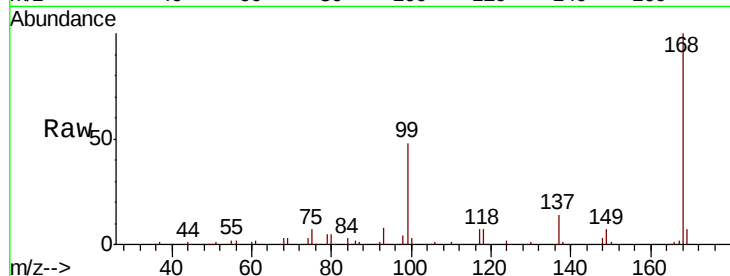
VX1114MBL01

Tot Ion:168 Resp: 95119

Ion Ratio Lower Upper

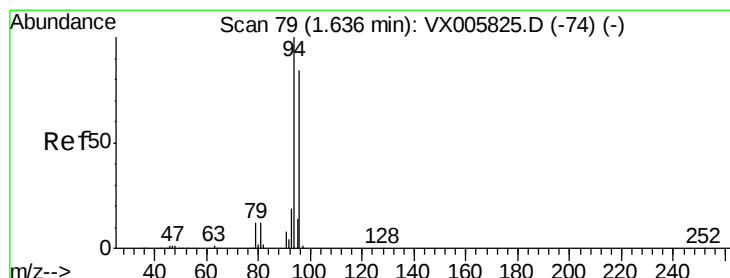
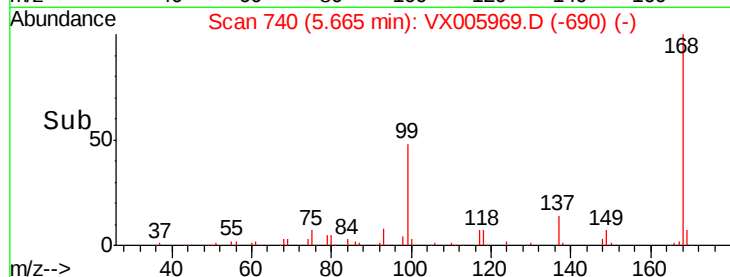
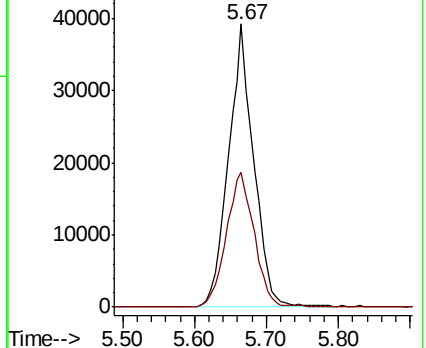
168 100

99 47.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.288 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX005969.D

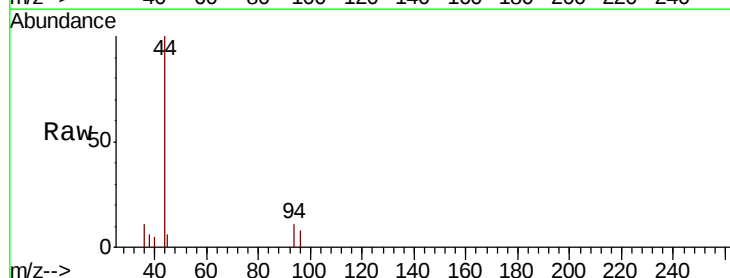
Acq: 14 Nov 2018 12:56

Tgt Ion: 94 Resp: 199

Ion Ratio Lower Upper

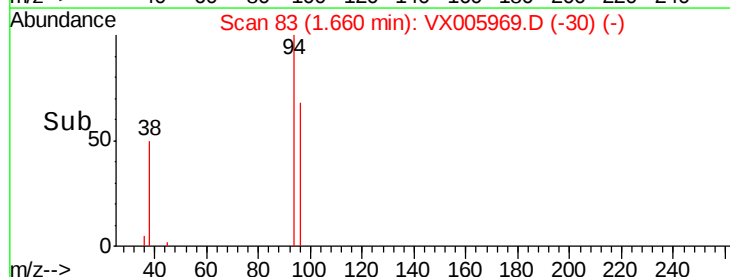
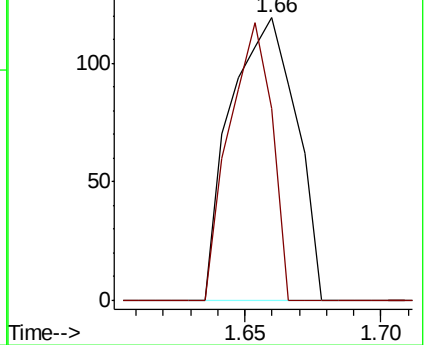
94 100

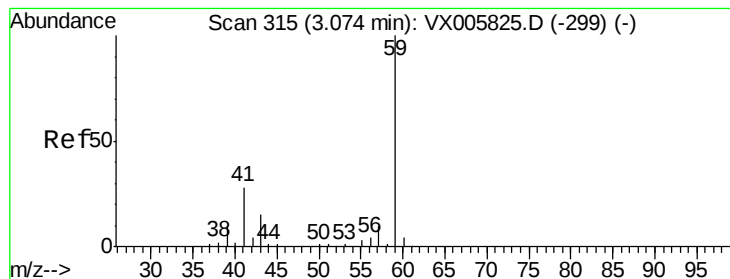
96 68.1 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



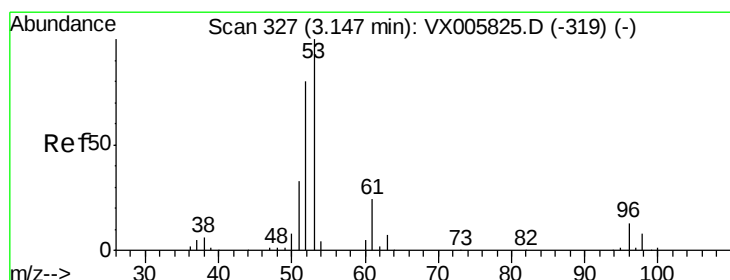
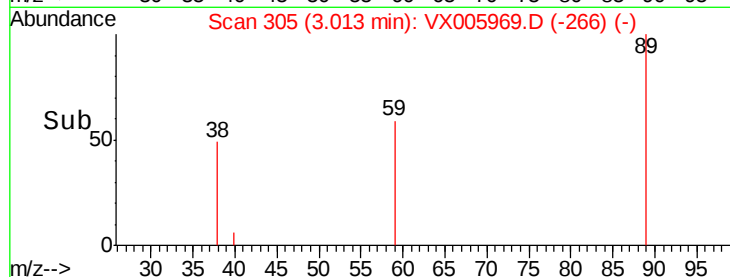
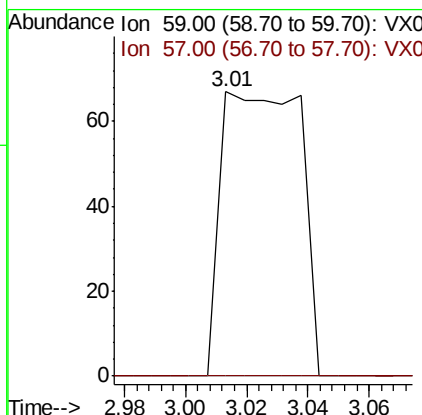
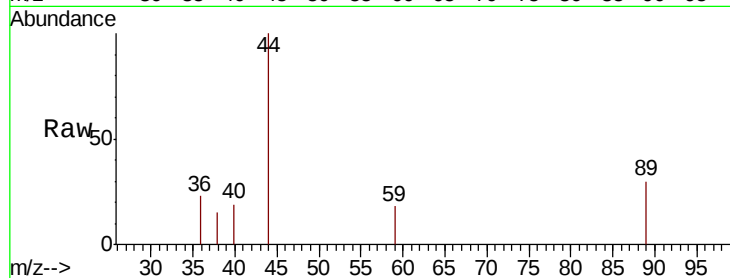


#11

Tert butyl alcohol
 Concen: 0.383 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.06 min
 Lab File: VX005969.D
 Acq: 14 Nov 2018 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBL01

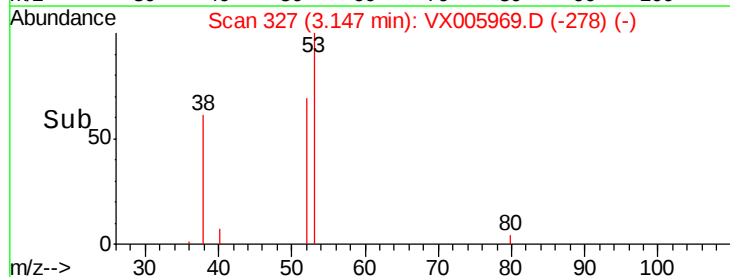
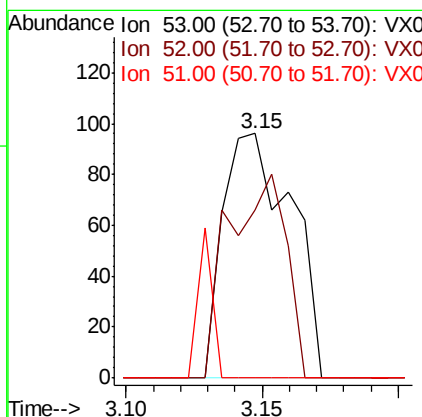
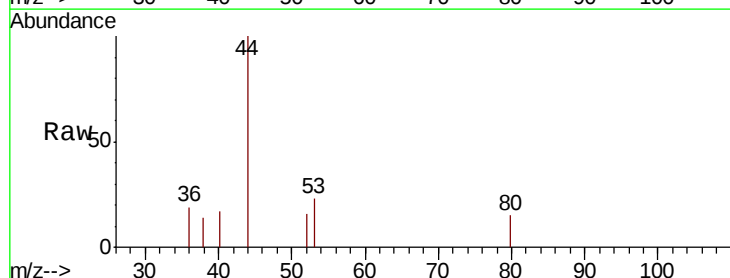
Tot Ion: 59 Resp: 120
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

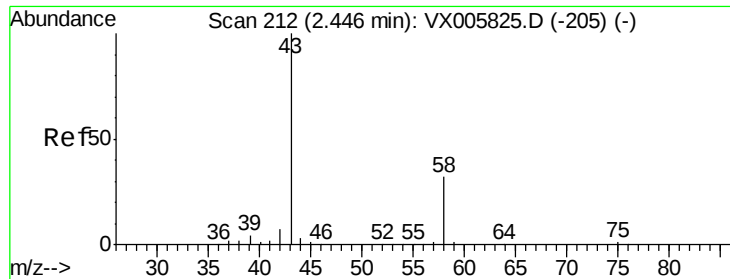


#15

Acrylonitrile
 Concen: 0.257 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX005969.D
 Acq: 14 Nov 2018 12:56

Tgt Ion: 53 Resp: 167
 Ion Ratio Lower Upper
 53 100
 52 70.1 66.6 99.8
 51 0.0 28.4 42.6#





#16

Acetone

Concen: 0.357 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005969.D

Acq: 14 Nov 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

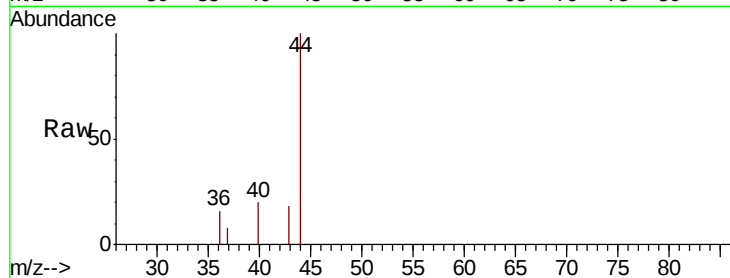
VX1114MBL01

Tot Ion: 43 Resp: 210

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

120

100

80

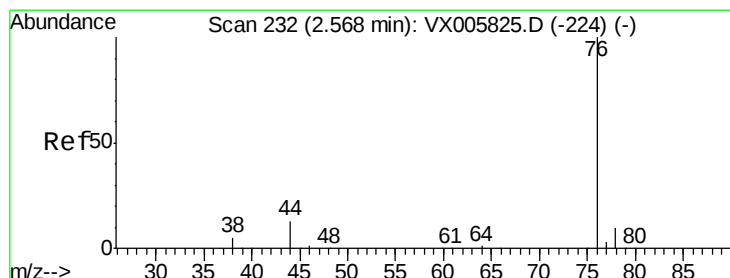
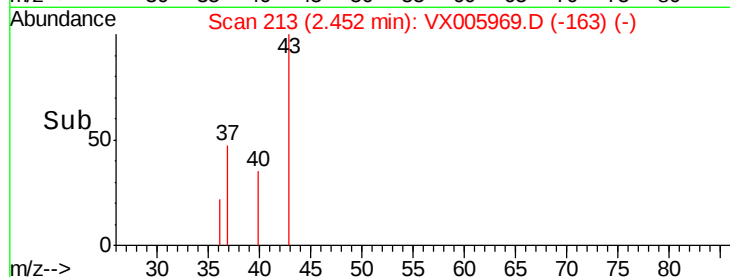
60

40

20

0

Time--> 2.40 2.42 2.44 2.46 2.48



#17

Carbon Disulfide

Concen: 0.213 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005969.D

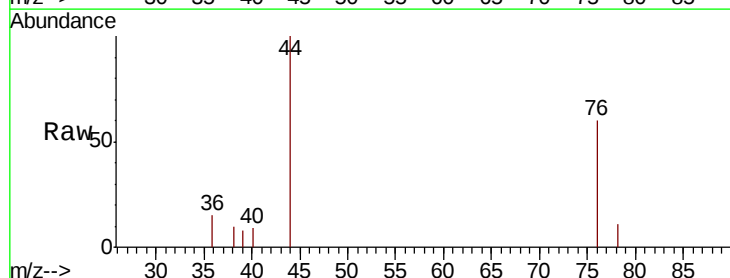
Acq: 14 Nov 2018 12:56

Tgt Ion: 76 Resp: 534

Ion Ratio Lower Upper

76 100

78 17.9 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

400

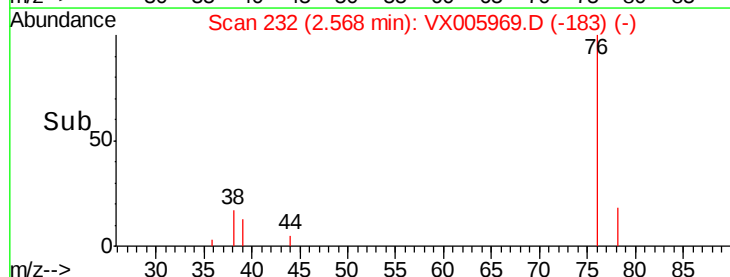
300

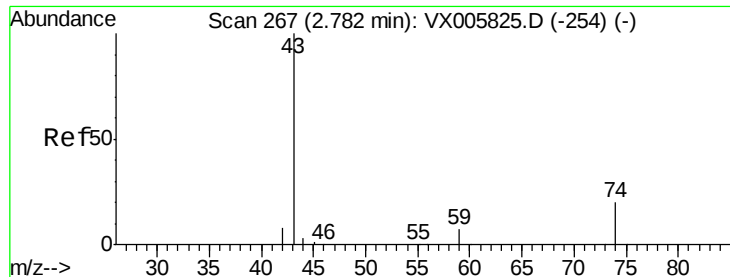
200

100

0

Time--> 2.55 2.60

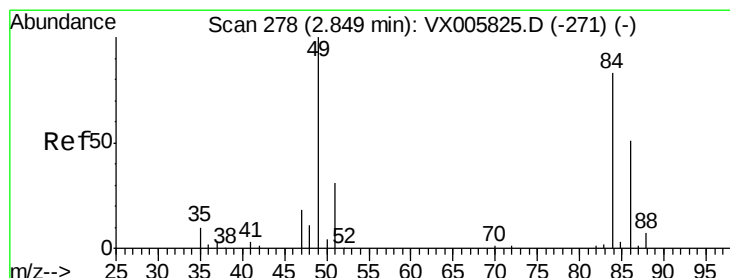
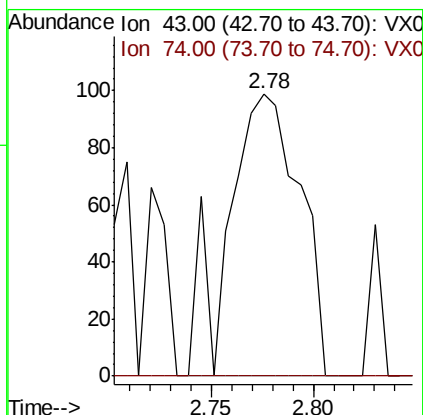
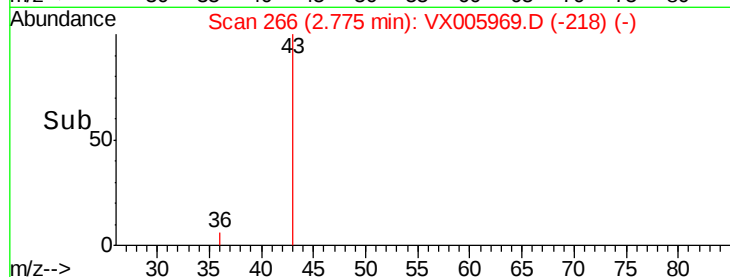
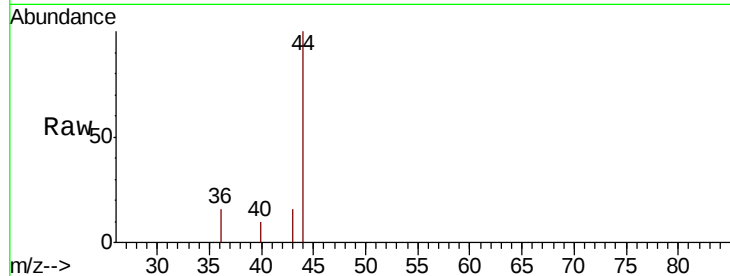




#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005969.D
Acq: 14 Nov 2018 12:56

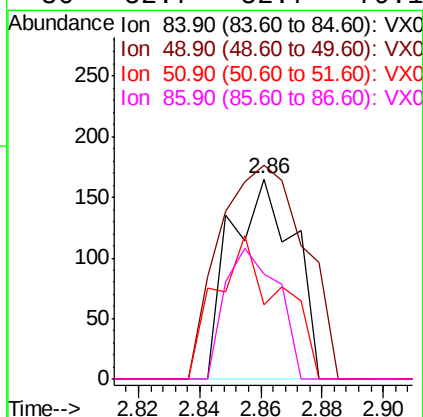
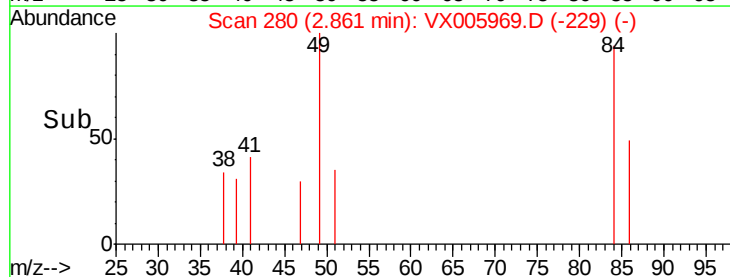
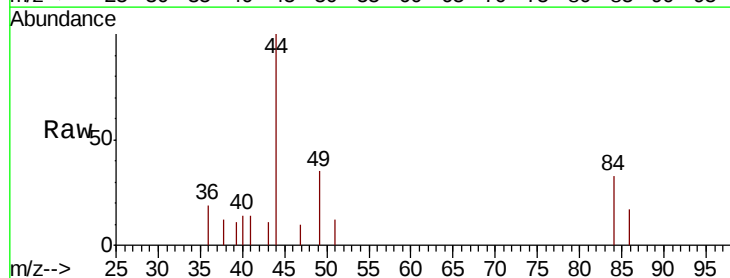
Instrument :
MSVOA_X
ClientSampled :
VX1114MBL01

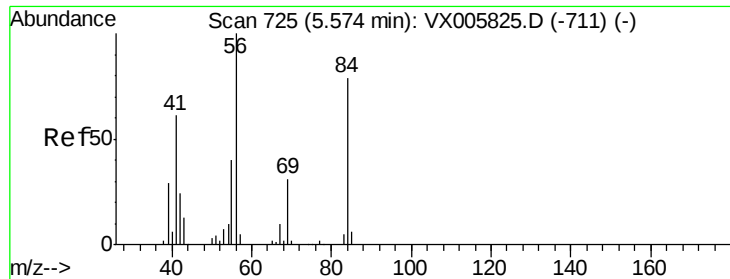
Tot Ion: 43 Resp: 242
Ion Ratio Lower Upper
43 100
74 0.0 16.8 25.2#



#20
Methylene Chloride
Concen: 0.246 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005969.D
Acq: 14 Nov 2018 12:56

Tgt Ion: 84 Resp: 238
Ion Ratio Lower Upper
84 100
49 106.7 109.5 164.3#
51 37.6 33.3 49.9
86 52.7 52.7 79.1

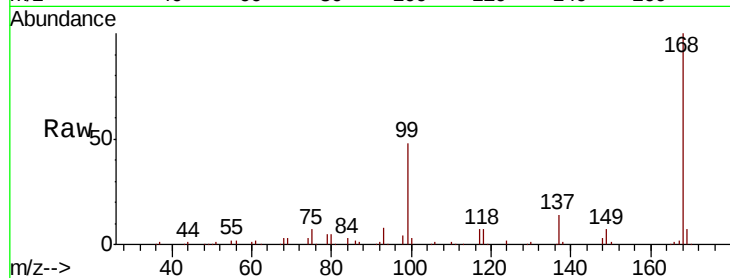




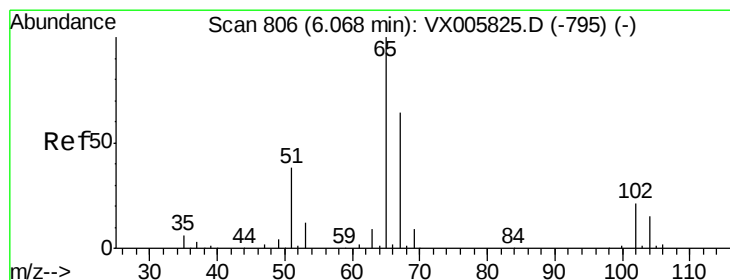
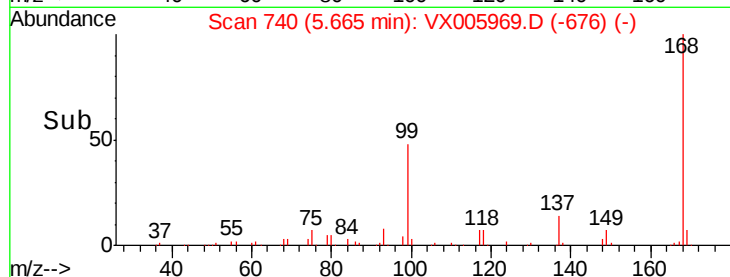
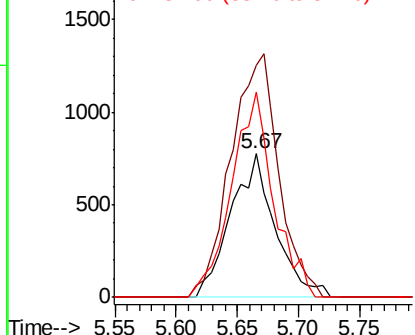
#31
Cyclohexane
Concen: 1.283 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005969.D
Acq: 14 Nov 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL01

Tot Ion: 56 Resp: 1955
Ion Ratio Lower Upper
56 100
69 162.2 22.6 34.0#
84 143.1 62.7 94.1#

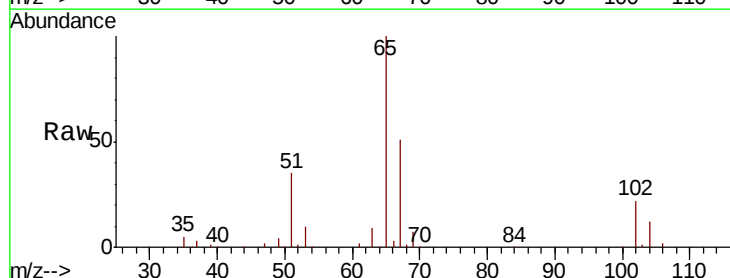


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

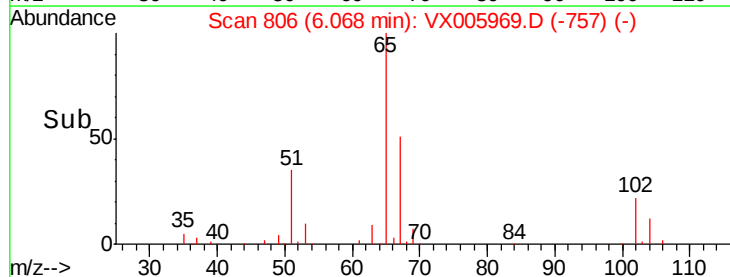
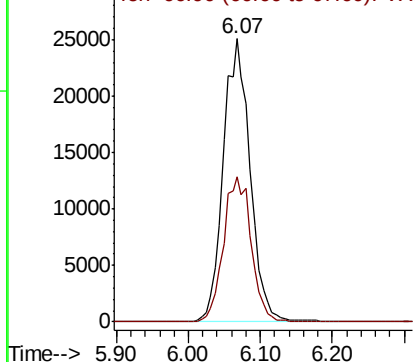


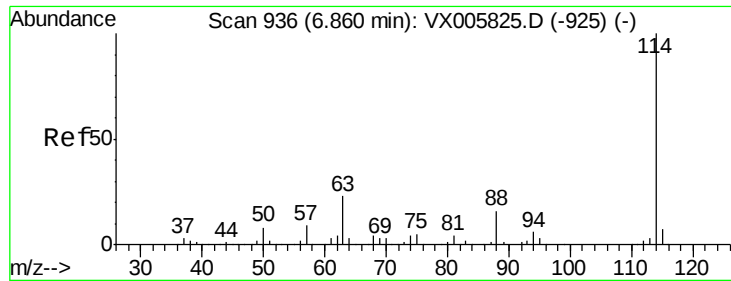
#33
1,2-Dichloroethane-d4
Concen: 59.216 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005969.D
Acq: 14 Nov 2018 12:56

Tgt Ion: 65 Resp: 64754
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

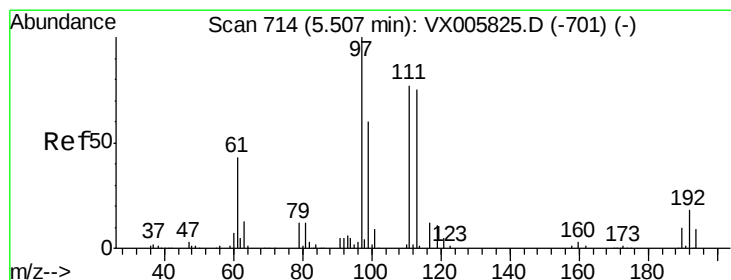
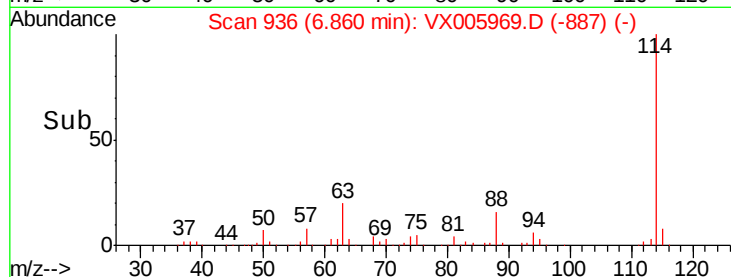
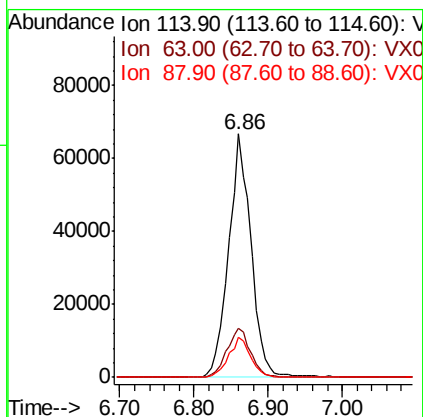
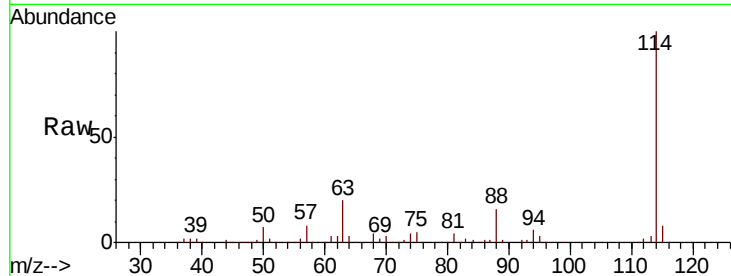




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005969.D
Acq: 14 Nov 2018 12:56

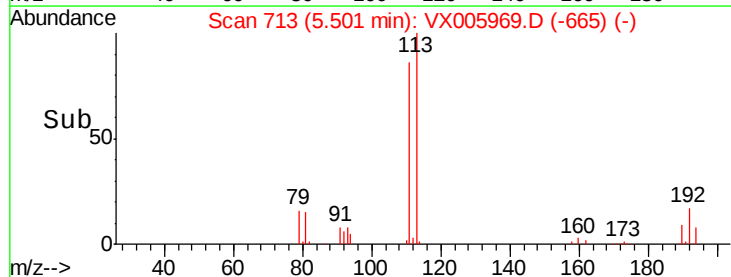
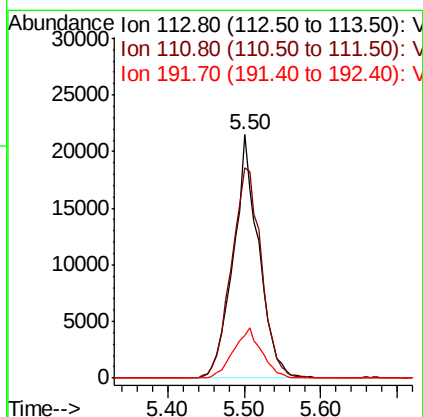
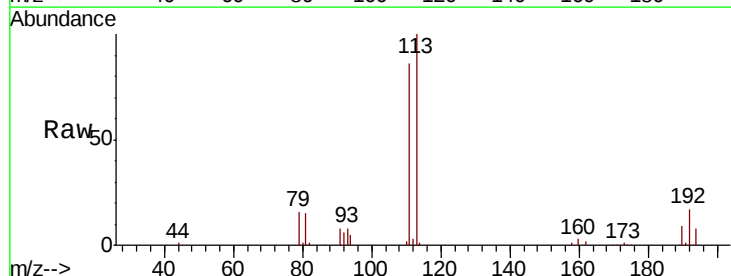
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL01

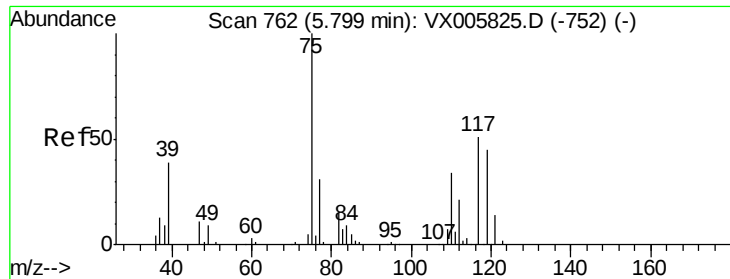
Tot Ion:114 Resp: 141079
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.8
88 16.3 0.0 31.2



#35
Dibromofluoromethane
Concen: 51.476 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX005969.D
Acq: 14 Nov 2018 12:56

Tgt Ion:113 Resp: 49394
Ion Ratio Lower Upper
113 100
111 101.6 82.3 123.5
192 22.6 17.9 26.9





#36

1,1-Dichloropropene

Concen: 5.175 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX005969.D

Acq: 14 Nov 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX1114MBL01

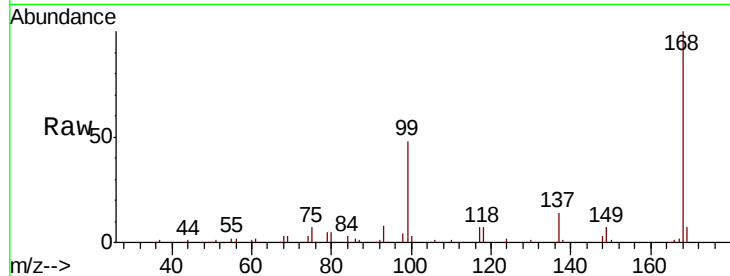
Tot Ion: 75 Resp: 7038

Ion Ratio Lower Upper

75 100

110 8.5 17.4 52.2#

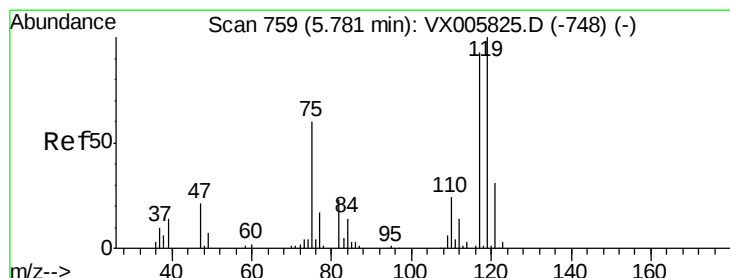
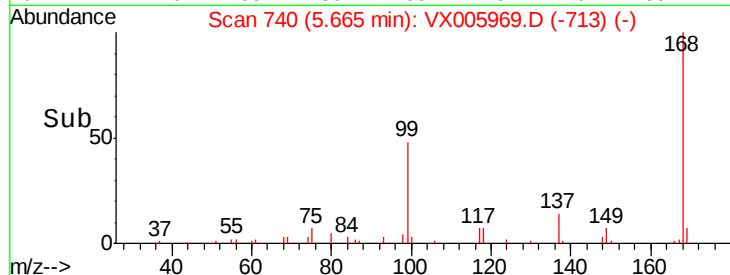
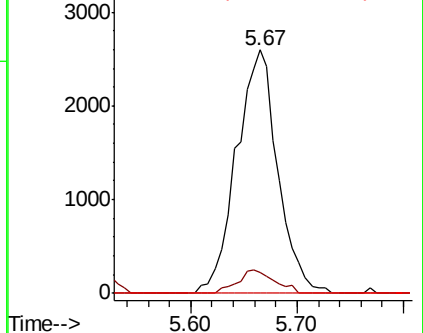
77 0.0 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VX005969.D (-713) (-)

Ion 109.90 (109.60 to 110.60): VX005969.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX005969.D (-713) (-)



#38

Carbon Tetrachloride

Concen: 6.740 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.11 min

Lab File: VX005969.D

Acq: 14 Nov 2018 12:56

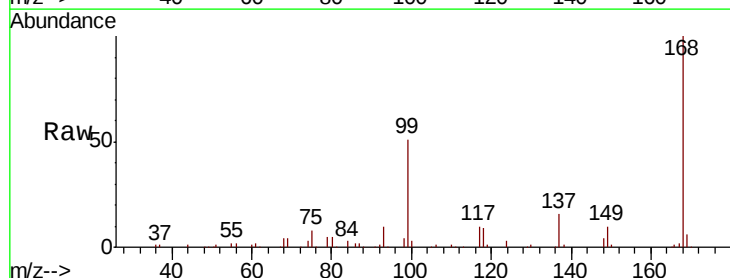
Tgt Ion: 117 Resp: 9177

Ion Ratio Lower Upper

117 100

119 10.3 78.1 117.1#

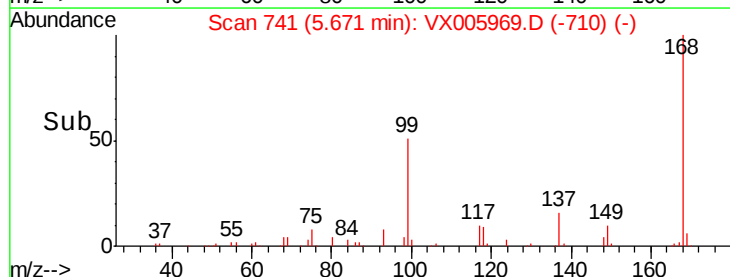
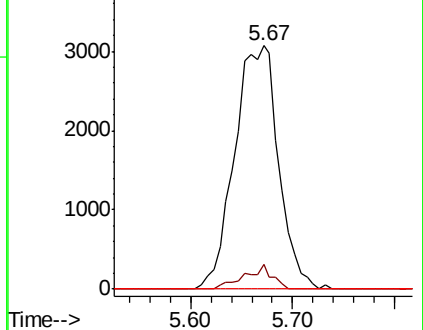
121 0.0 24.6 36.8#

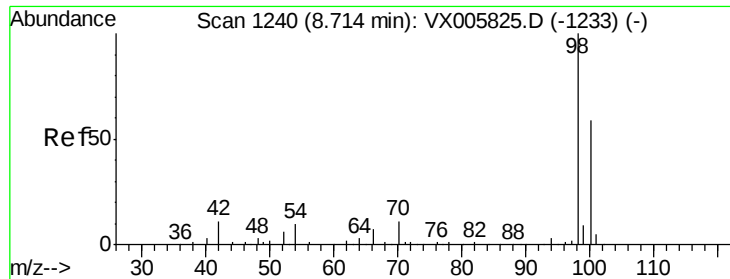


Abundance Ion 116.80 (116.50 to 117.50): VX005969.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX005969.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX005969.D (-710) (-)





#50

Toluene-d8

Concen: 51.905 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005969.D

Acq: 14 Nov 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

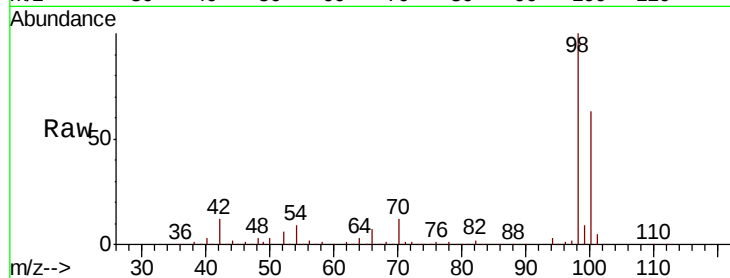
VX1114MBL01

Tot Ion: 98 Resp: 165581

Ion Ratio Lower Upper

98 100

100 62.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

120000

100000

80000

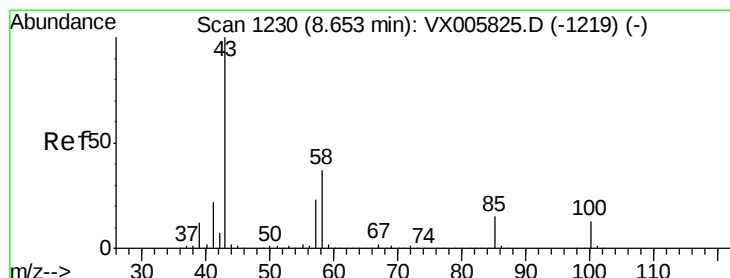
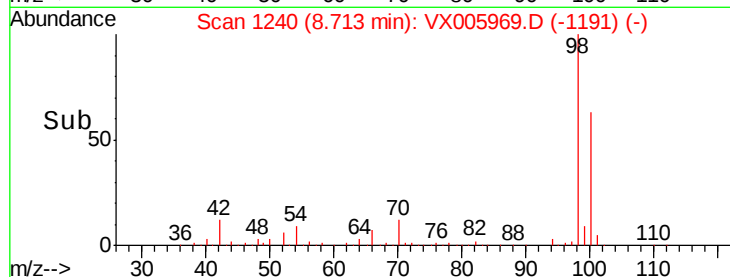
60000

40000

20000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.463 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.06 min

Lab File: VX005969.D

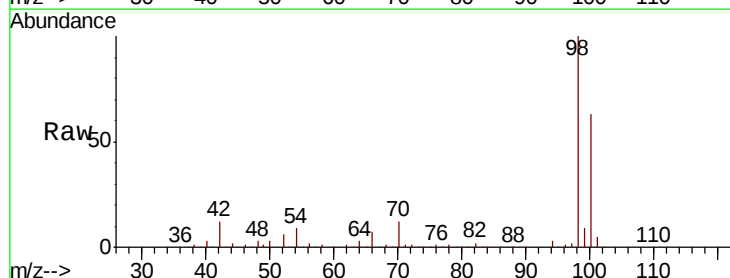
Acq: 14 Nov 2018 12:56

Tgt Ion: 43 Resp: 757

Ion Ratio Lower Upper

43 100

58 191.7 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200

1000

800

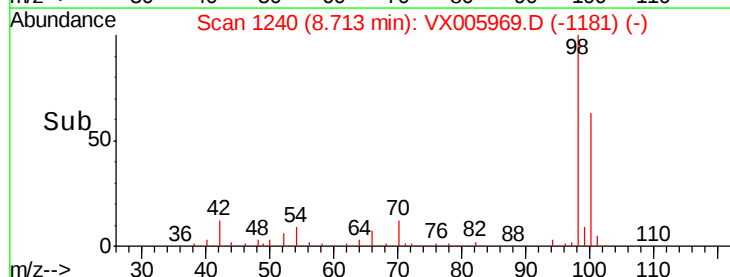
600

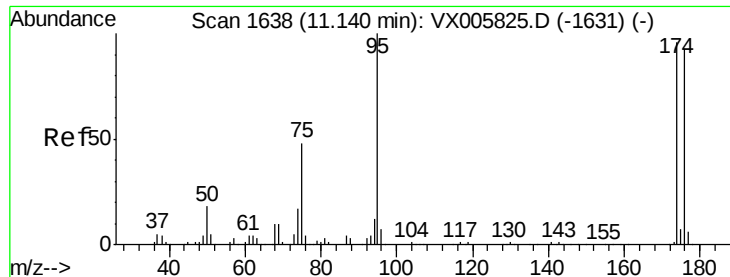
400

200

0

Time-->

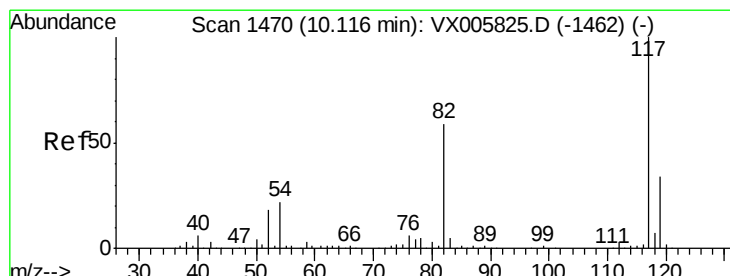
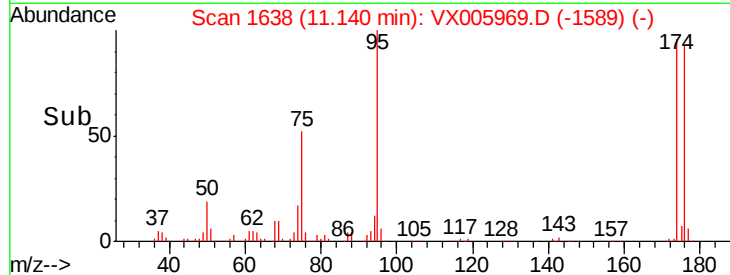
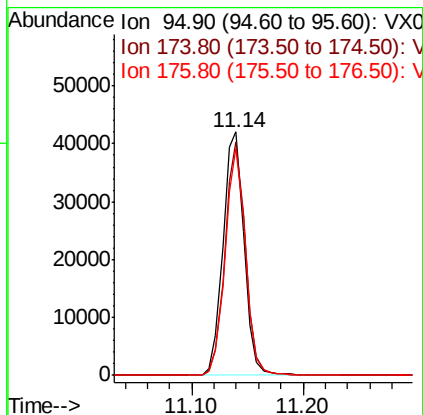
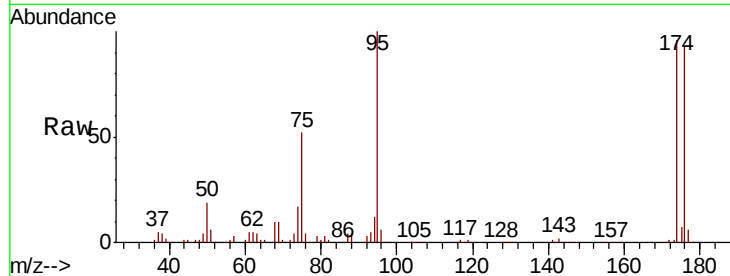




#62
4-Bromofluorobenzene
Concen: 47.949 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005969.D
Acq: 14 Nov 2018 12:56

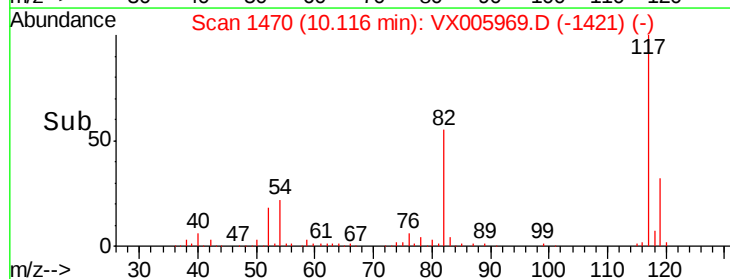
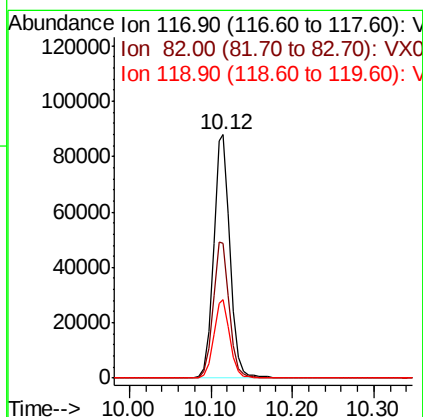
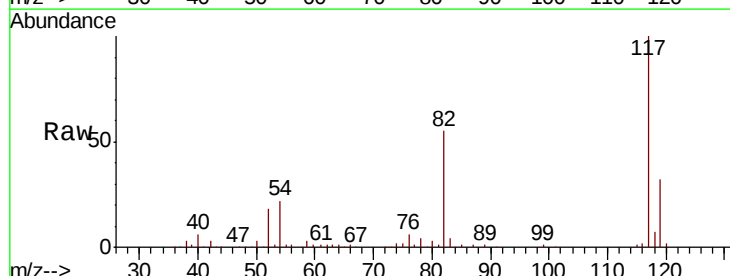
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL01

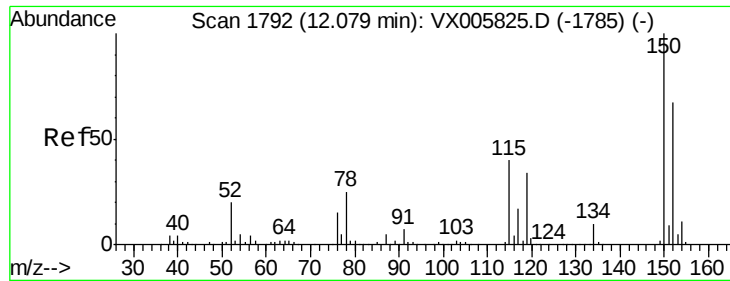
Tot Ion: 95 Resp: 54995
Ion Ratio Lower Upper
95 100
174 93.0 0.0 184.4
176 89.8 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005969.D
Acq: 14 Nov 2018 12:56

Tgt Ion: 117 Resp: 125156
Ion Ratio Lower Upper
117 100
82 55.2 44.1 66.1
119 32.5 26.2 39.2



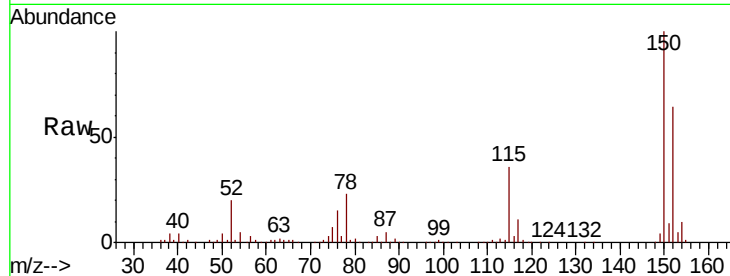


#72

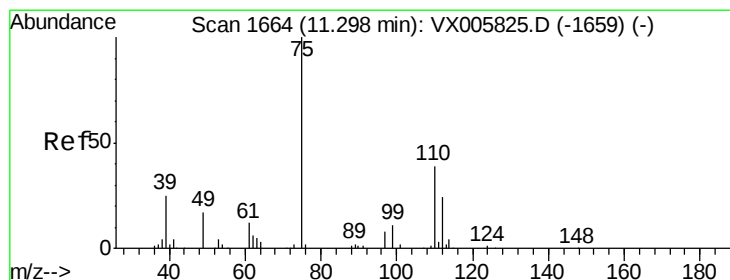
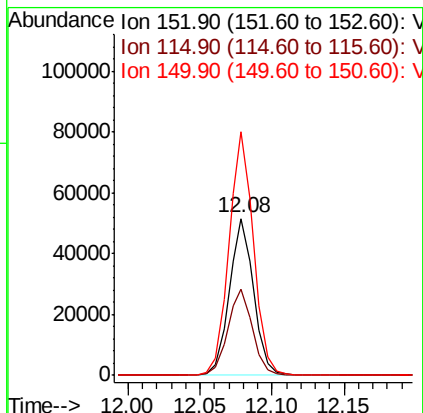
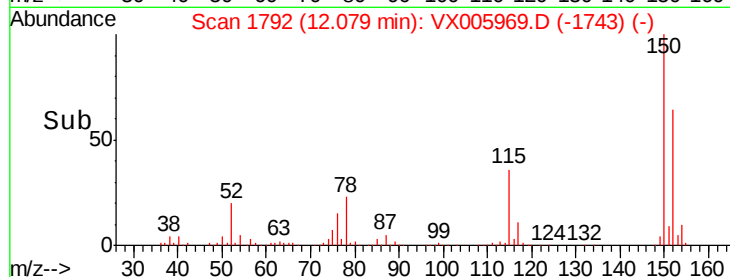
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005969.D
Acq: 14 Nov 2018 12:56

Instrument :
MSVOA_X
ClientSampled :
VX1114MBL01

Tot Ion:152 Resp: 60752
Ion Ratio Lower Upper
152 100
115 56.2 39.4 118.1
150 157.3 0.0 346.4



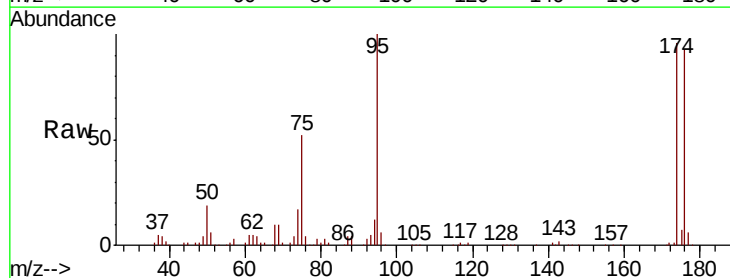
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



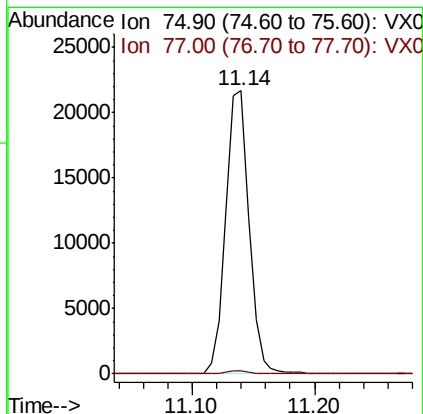
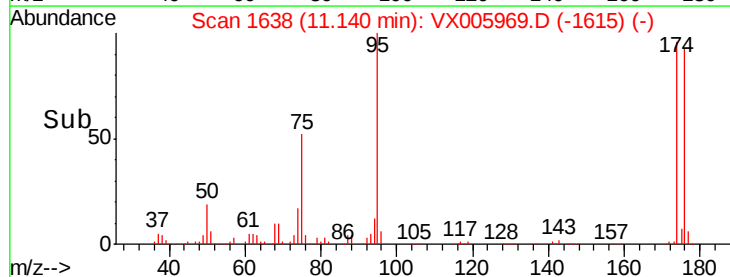
#76

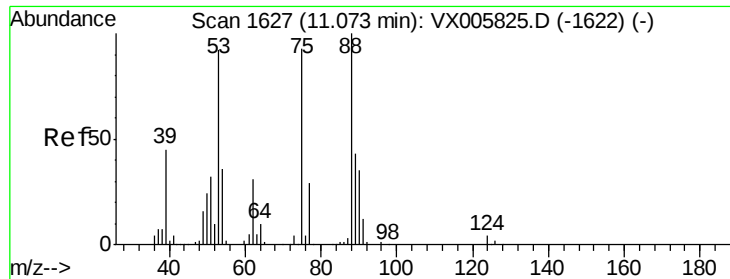
1,2,3-Trichloropropane
Concen: 23.217 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005969.D
Acq: 14 Nov 2018 12:56

Tgt Ion: 75 Resp: 28720
Ion Ratio Lower Upper
75 100
77 1.1 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 73.995 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005969.D

Acq: 14 Nov 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX1114MBL01

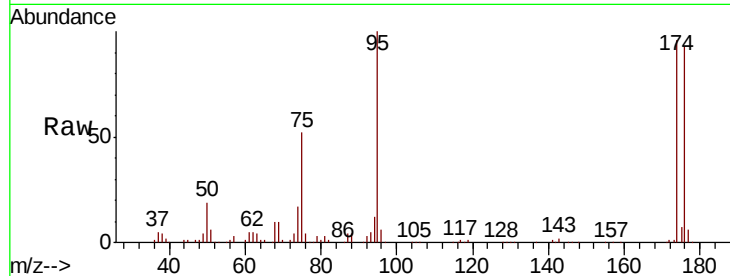
Tot Ion: 75 Resp: 28720

Ion Ratio Lower Upper

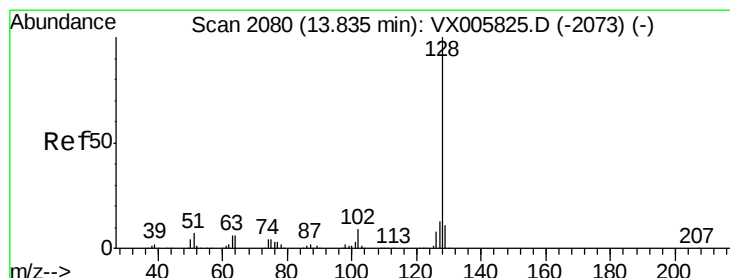
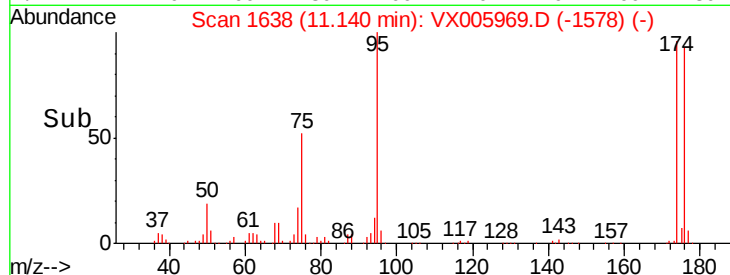
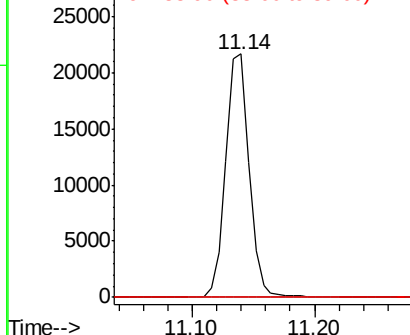
75 100

53 0.1 80.2 120.2#

89 0.0 39.8 59.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#95

Naphthalene

Concen: 1.231 ug/l

RT: 13.84 min Scan# 2081

Delta R.T. 0.01 min

Lab File: VX005969.D

Acq: 14 Nov 2018 12:56

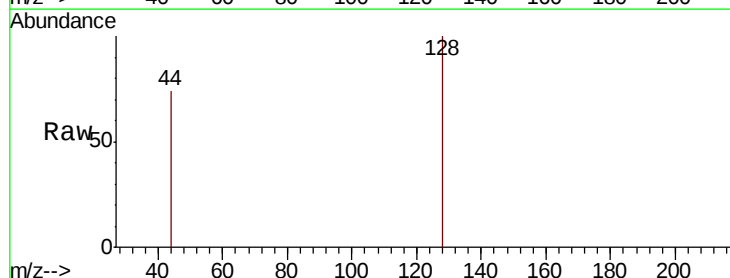
Tgt Ion:128 Resp: 238

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 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

