

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022719\
 Data File : VX007736.D
 Acq On : 27 Feb 2019 16:18
 Operator : JC/SP
 Sample : K1594-38DL 10X
 Misc : 6.24g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 03:54:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	321314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	499960	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	475818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230318	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	195073	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
35) Dibromofluoromethane	5.51	113	161105	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
50) Toluene-d8	8.71	98	614015	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.13	95	222154	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	

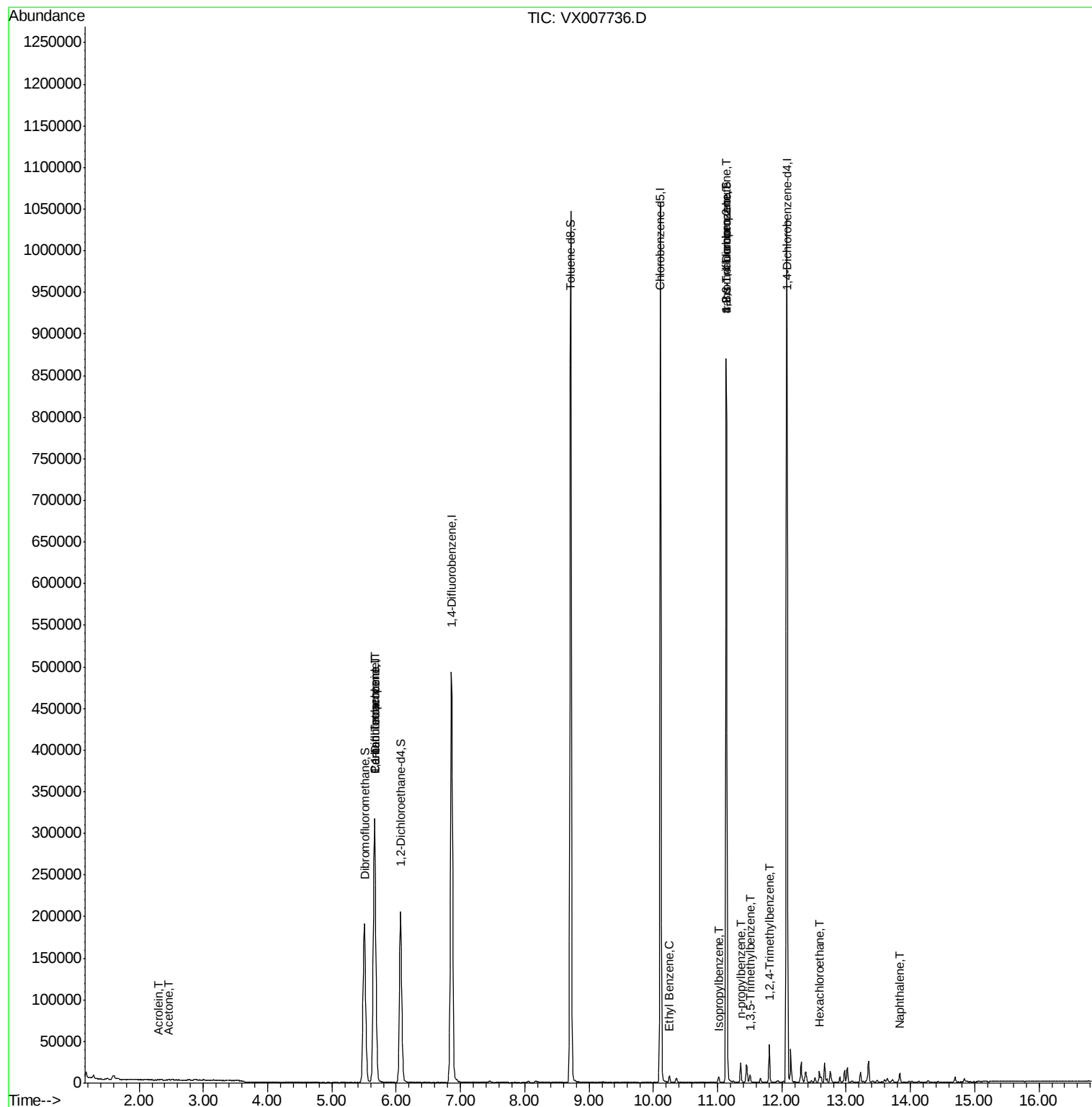
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	320	Below Cal		88
13) Acrolein	2.30	56	151	0.225	ug/l	88
16) Acetone	2.45	43	602	0.340	ug/l #	81
36) 1,1-Dichloropropene	5.67	75	21344	4.749	ug/l #	47
38) Carbon Tetrachloride	5.67	117	27625	6.118	ug/l #	17
67) Ethyl Benzene	10.25	91	4335	0.254	ug/l	100
73) Isopropylbenzene	11.02	105	3425	0.208	ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	107203	21.837	ug/l #	32
78) n-propylbenzene	11.36	91	13644	0.733	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	3517	0.260	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.13	75	107203	58.003	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	19406	1.401	ug/l	100
90) Hexachloroethane	12.58	117	980	0.408	ug/l #	5
95) Naphthalene	13.83	128	6785	0.448	ug/l	96

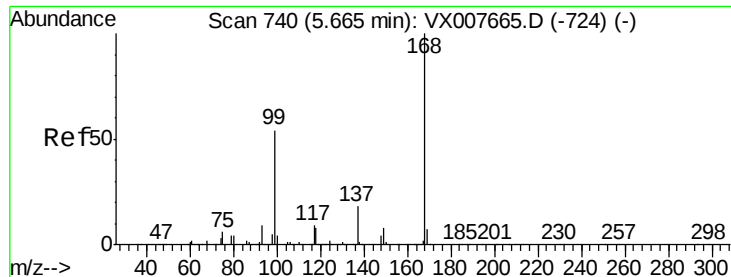
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022719\
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MSVOA_X
ClientSampled :

Quant Time: Feb 28 03:54:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007736.D

Acq: 27 Feb 2019 16:18

Instrument :

MSVOA_X

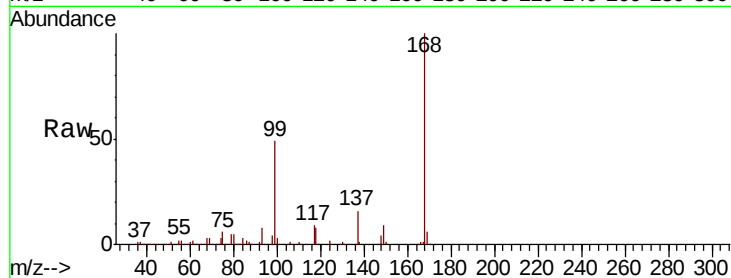
ClientSampleId :

Tot Ion:168 Resp: 321314

Ion Ratio Lower Upper

168 100

99 49.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

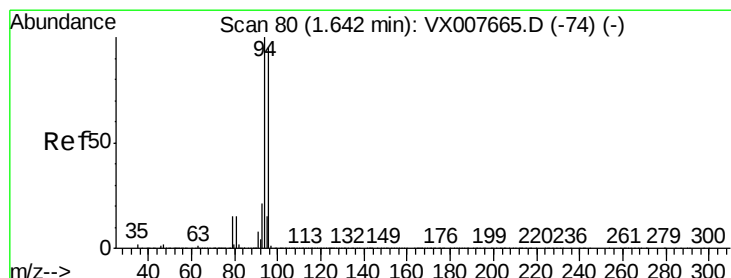
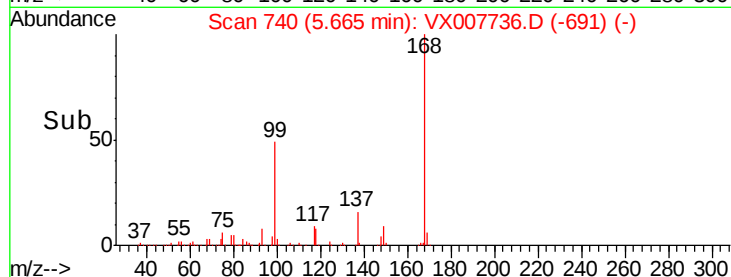
5.67

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007736.D

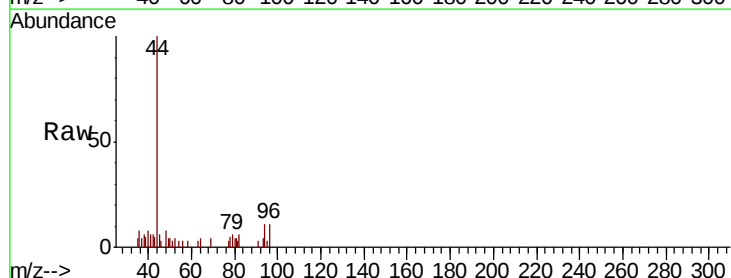
Acq: 27 Feb 2019 16:18

Tgt Ion: 94 Resp: 320

Ion Ratio Lower Upper

94 100

96 104.1 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

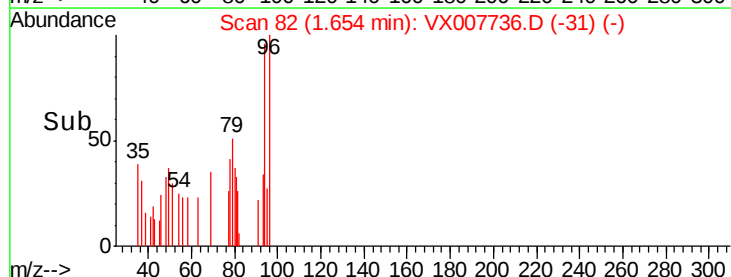
150

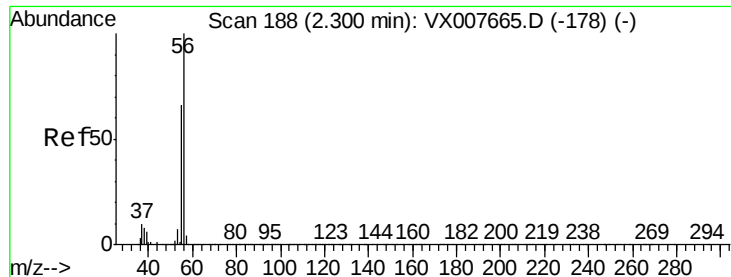
100

50

0

Time-->





#13

Acrolein

Concen: 0.225 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007736.D

Acq: 27 Feb 2019 16:18

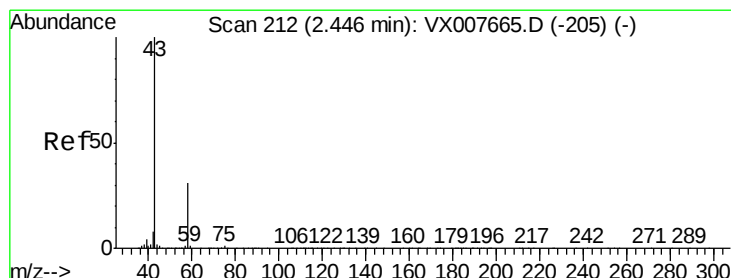
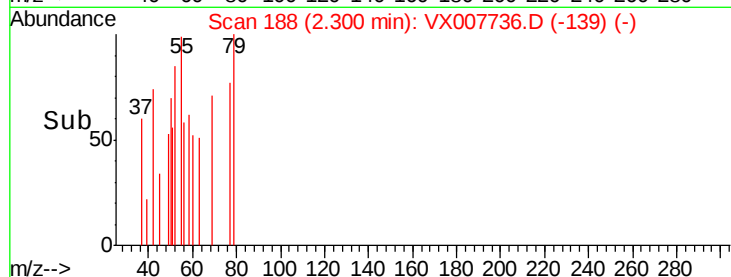
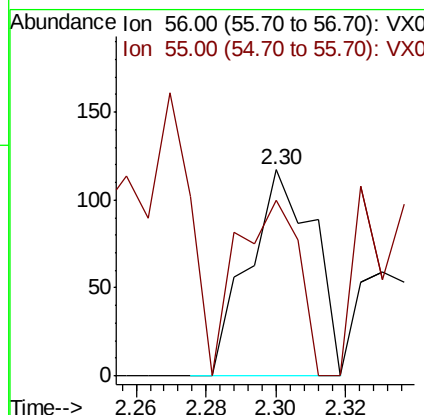
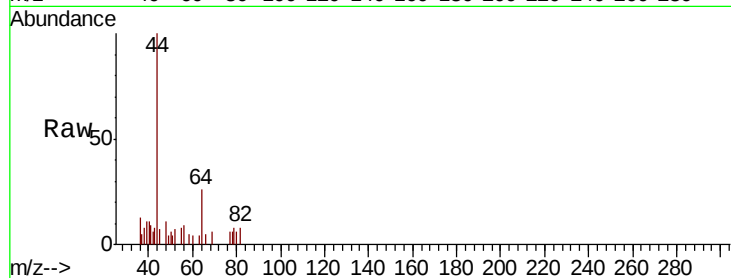
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 151

Ion Ratio Lower Upper

56 100

55 80.8 56.9 85.3



#16

Acetone

Concen: 0.340 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007736.D

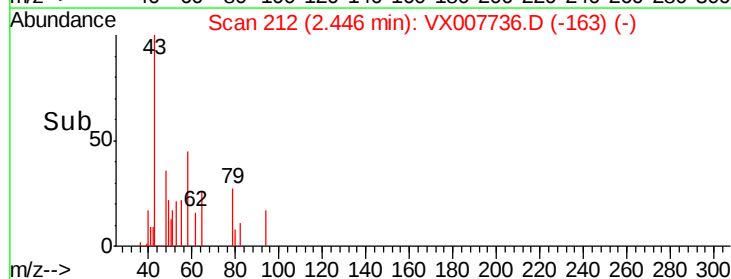
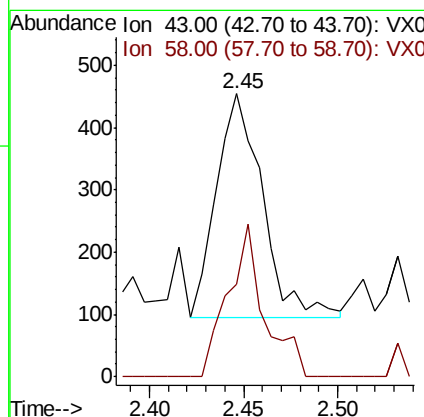
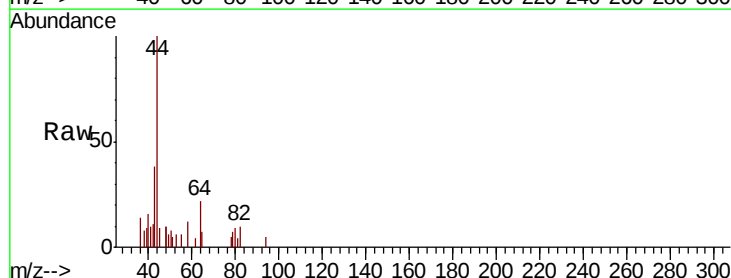
Acq: 27 Feb 2019 16:18

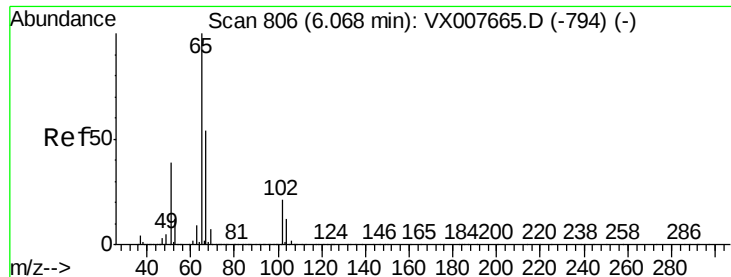
Tgt Ion: 43 Resp: 602

Ion Ratio Lower Upper

43 100

58 41.3 24.9 37.3#





#33

1,2-Dichloroethane-d4

Concen: 49.013 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007736.D

Acq: 27 Feb 2019 16:18

Instrument :

MSVOA_X

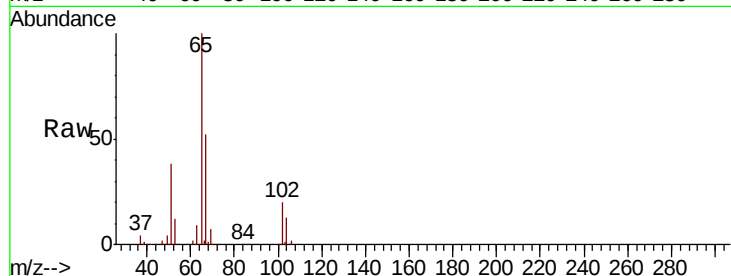
ClientSampleId :

Tot Ion: 65 Resp: 195073

Ion Ratio Lower Upper

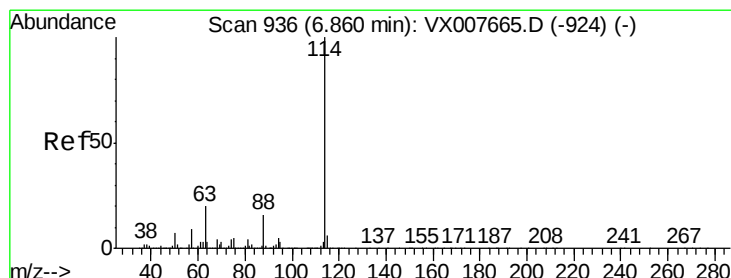
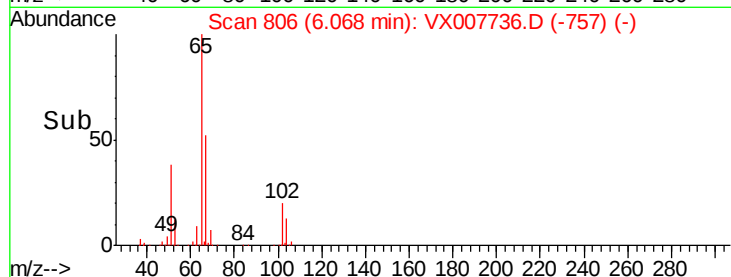
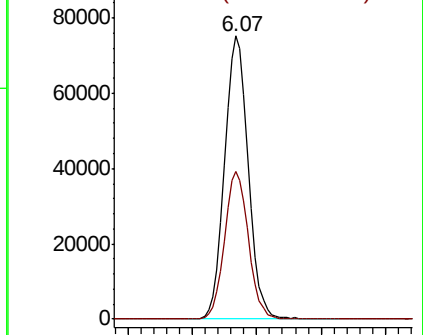
65 100

67 52.6 0.0 108.8



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: VX007736.D

Acq: 27 Feb 2019 16:18

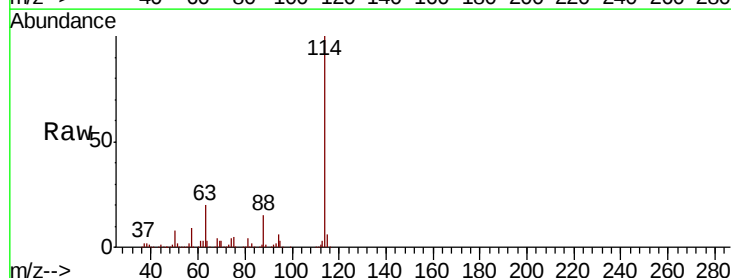
Tgt Ion: 114 Resp: 499960

Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.6

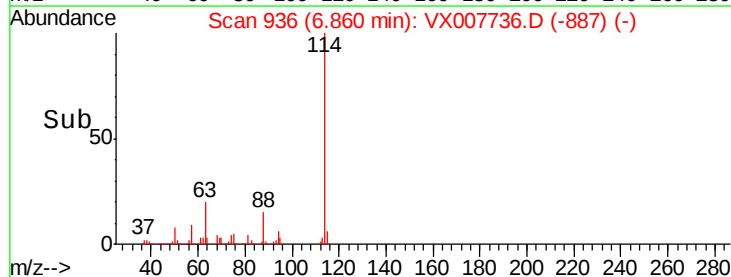
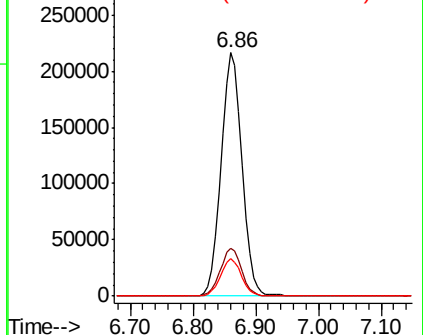
88 15.2 0.0 29.6

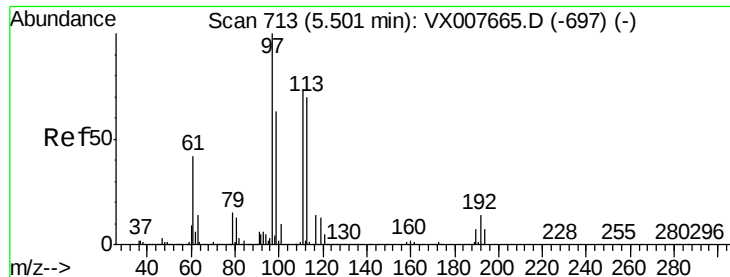


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.205 ug/l

RT: 5.51 min Scan# 714

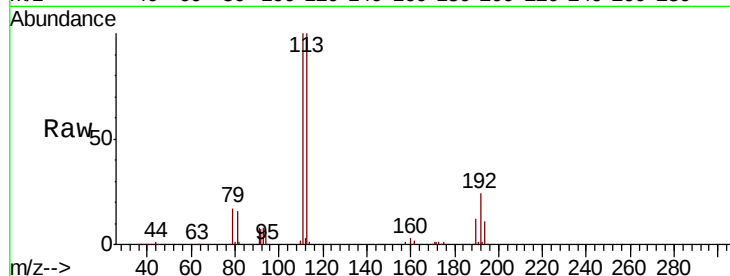
Delta R.T. 0.01 min

Lab File: VX007736.D

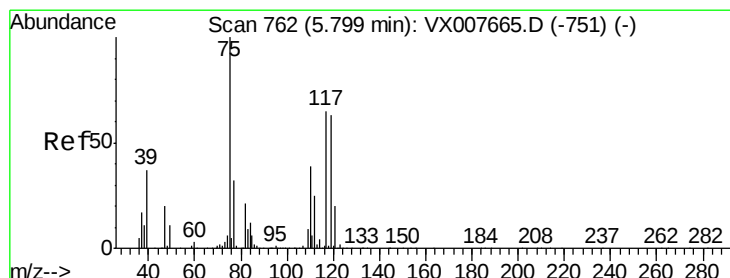
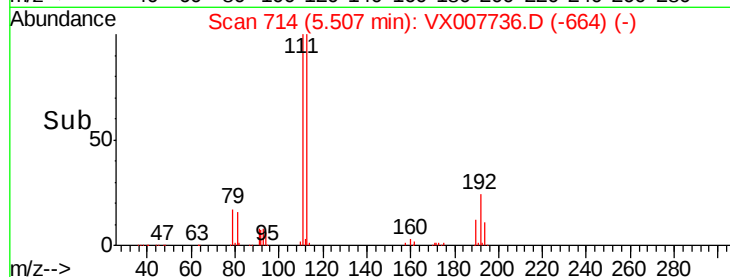
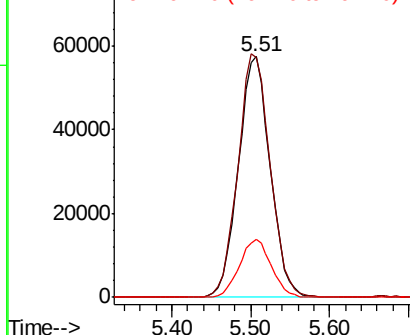
Acq: 27 Feb 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	161105
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	24.1	18.5	27.7



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



#36

1,1-Dichloropropene

Concen: 4.749 ug/l

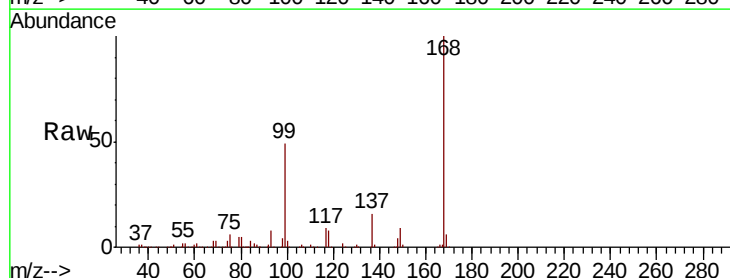
RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

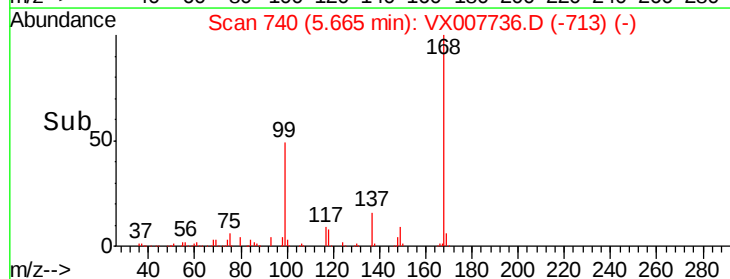
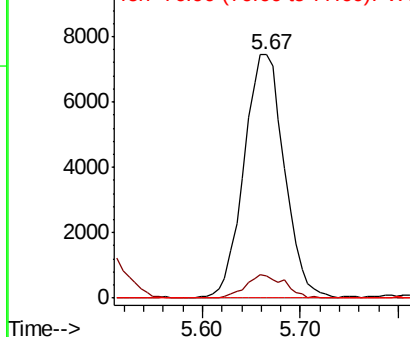
Lab File: VX007736.D

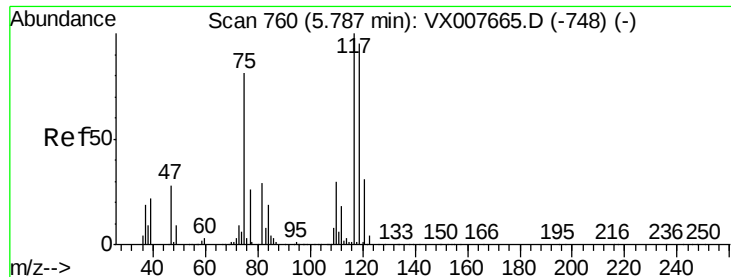
Acq: 27 Feb 2019 16:18

Tgt Ion:	75	Resp:	21344
Ion	Ratio	Lower	Upper
75	100		
110	9.2	20.0	59.9#
77	0.0	24.7	37.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.118 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007736.D

Acq: 27 Feb 2019 16:18

Instrument :

MSVOA_X

ClientSampled :

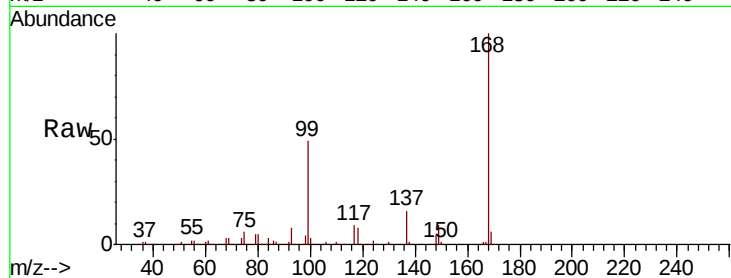
Tot Ion:117 Resp: 27625

Ion Ratio Lower Upper

117 100

119 5.1 75.3 112.9#

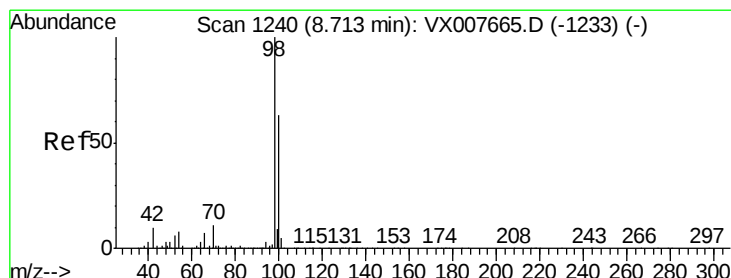
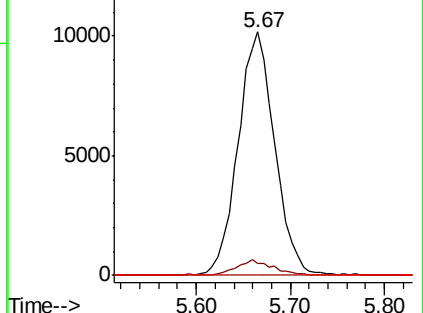
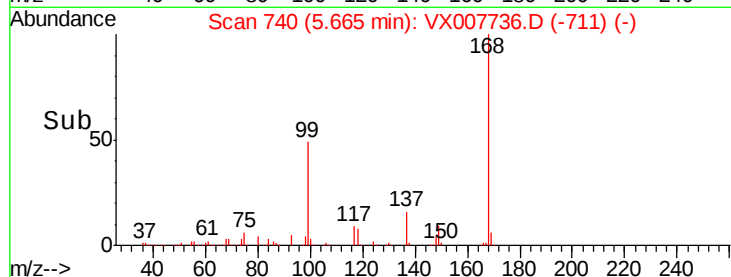
121 0.0 25.0 37.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 47.990 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007736.D

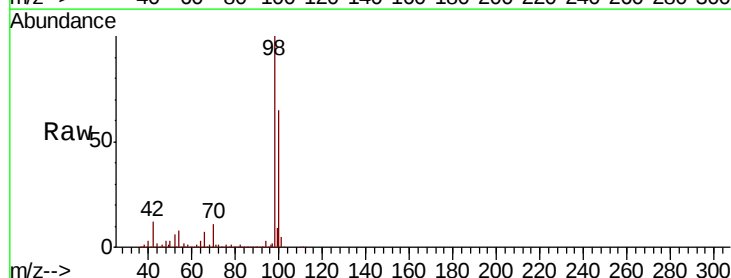
Acq: 27 Feb 2019 16:18

Tgt Ion: 98 Resp: 614015

Ion Ratio Lower Upper

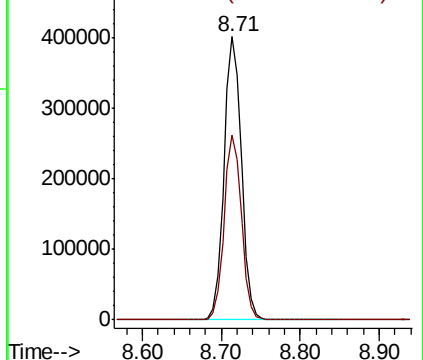
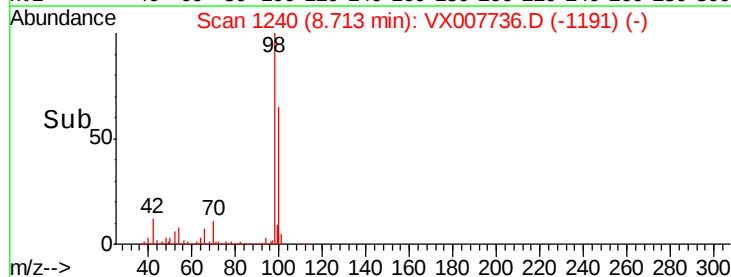
98 100

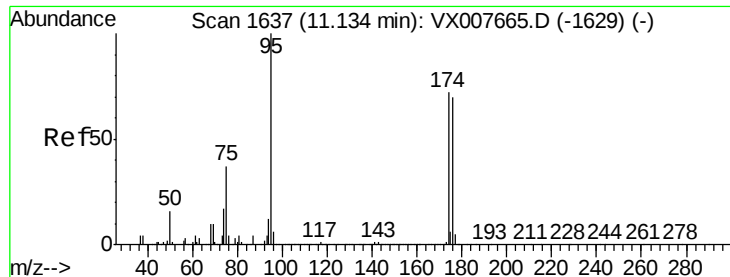
100 64.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.306 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007736.D

Acq: 27 Feb 2019 16:18

Instrument :

MSVOA_X

ClientSampled :

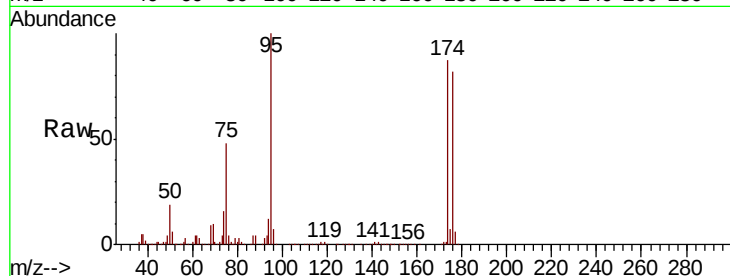
Tot Ion: 95 Resp: 222154

Ion Ratio Lower Upper

95 100

174 92.5 0.0 189.2

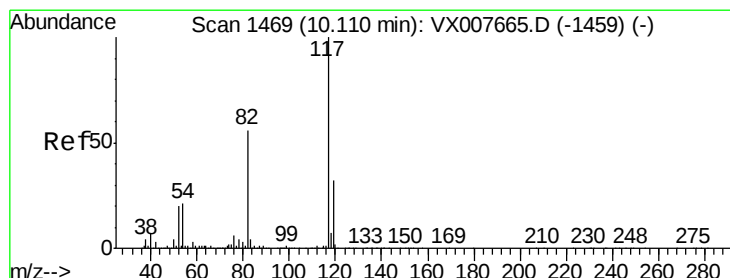
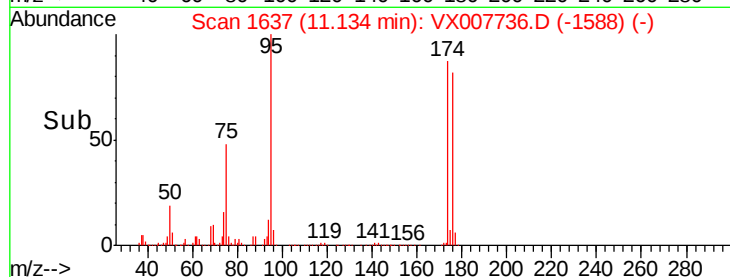
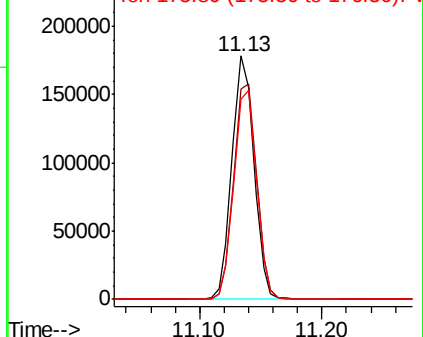
176 89.0 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007665.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX007665.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX007665.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007736.D

Acq: 27 Feb 2019 16:18

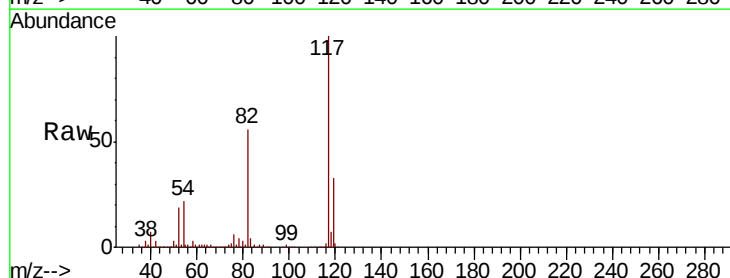
Tgt Ion: 117 Resp: 475818

Ion Ratio Lower Upper

117 100

82 55.5 42.1 63.1

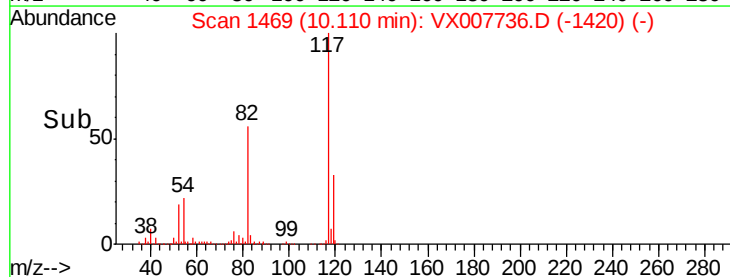
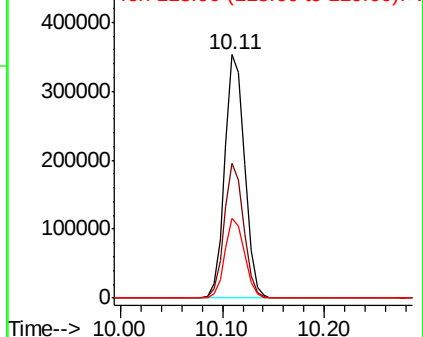
119 32.6 26.5 39.7

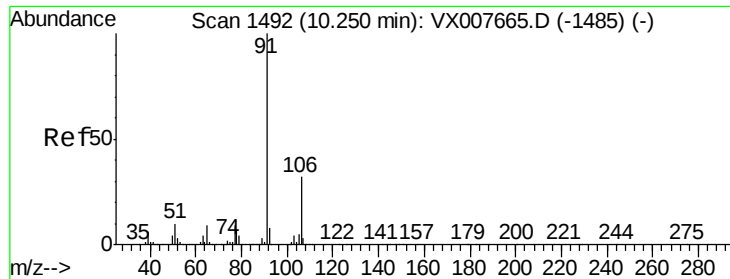


Abundance Ion 116.90 (116.60 to 117.60): VX007665.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007665.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007665.D (-1459) (-)

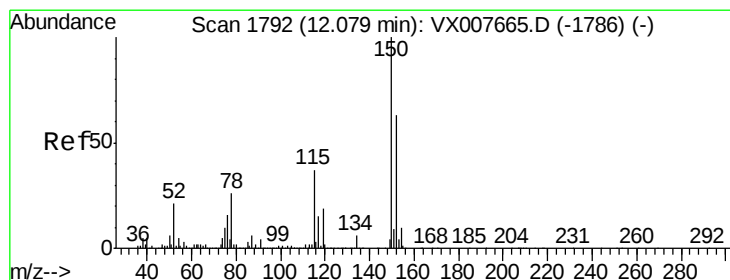
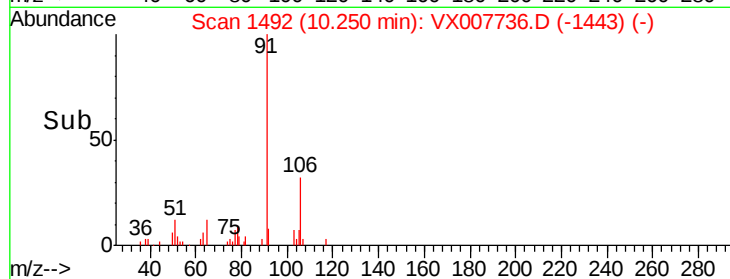
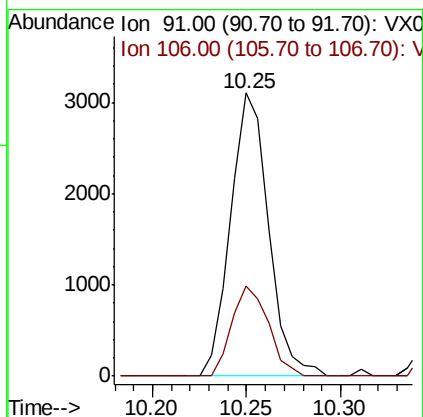
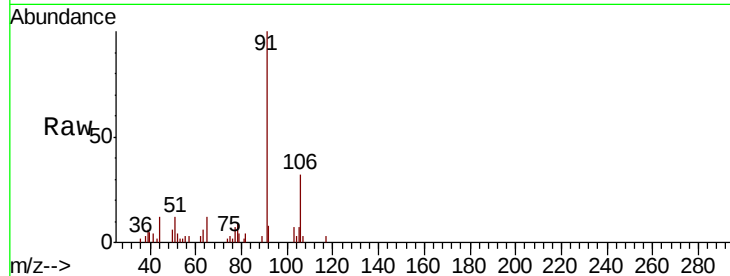




#67
Ethyl Benzene
Concen: 0.254 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007736.D
Acq: 27 Feb 2019 16:18

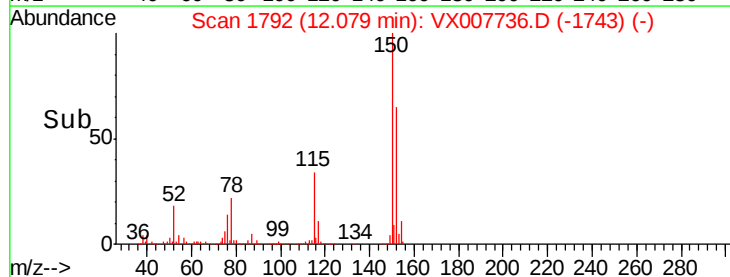
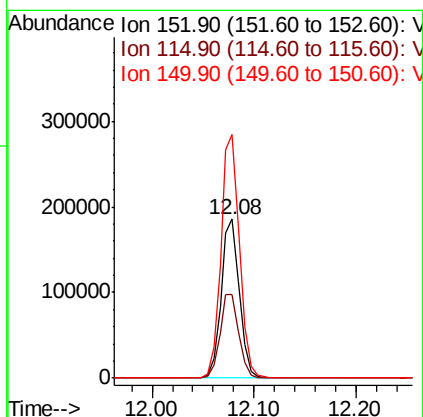
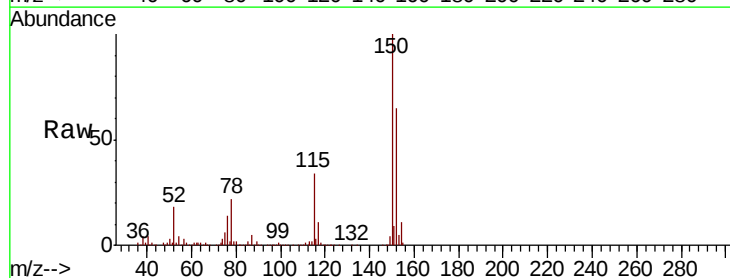
Instrument :
MSVOA_X
ClientSampleId :

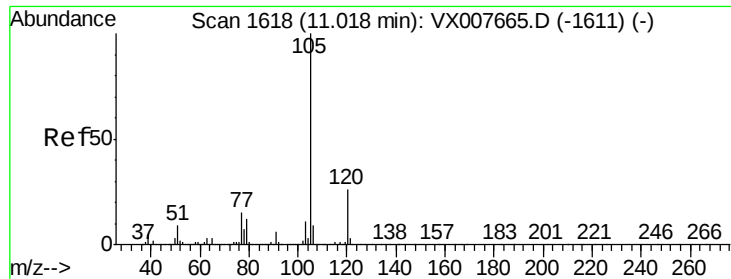
Tot Ion: 91 Resp: 4335
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007736.D
Acq: 27 Feb 2019 16:18

Tgt Ion: 152 Resp: 230318
Ion Ratio Lower Upper
152 100
115 54.9 38.0 114.0
150 156.4 0.0 346.4





#73

Isopropylbenzene

Concen: 0.208 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007736.D

Acq: 27 Feb 2019 16:18

Instrument :

MSVOA_X

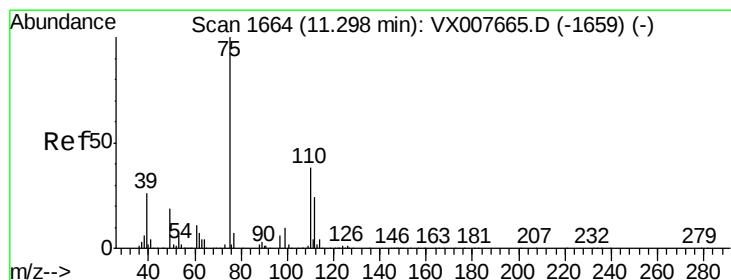
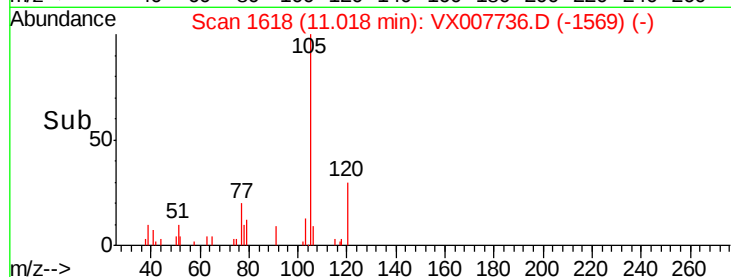
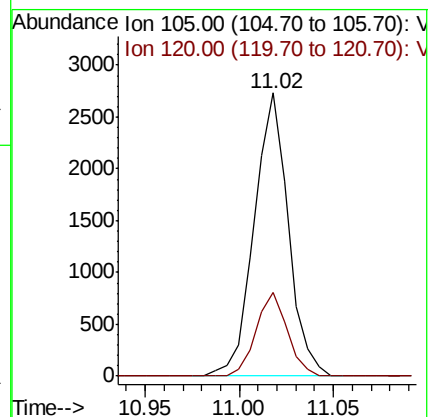
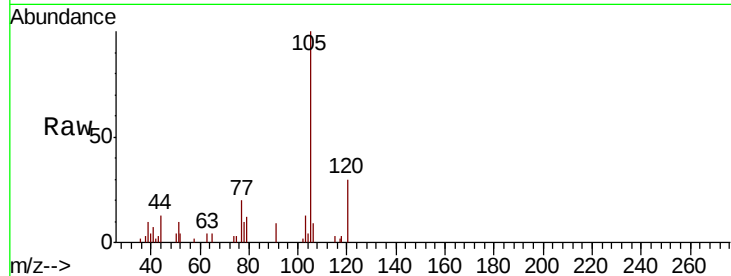
ClientSampleId :

Tot Ion:105 Resp: 3425

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#76

1,2,3-Trichloropropane

Concen: 21.837 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007736.D

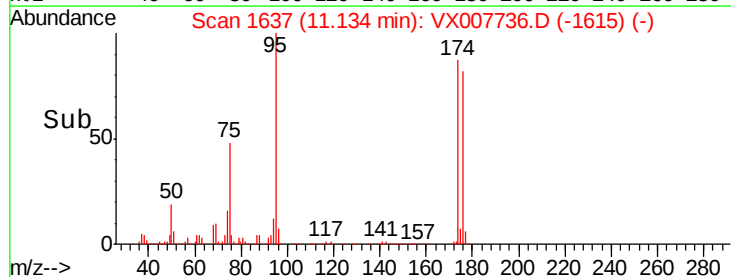
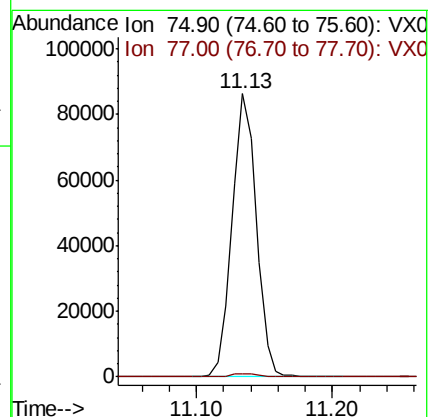
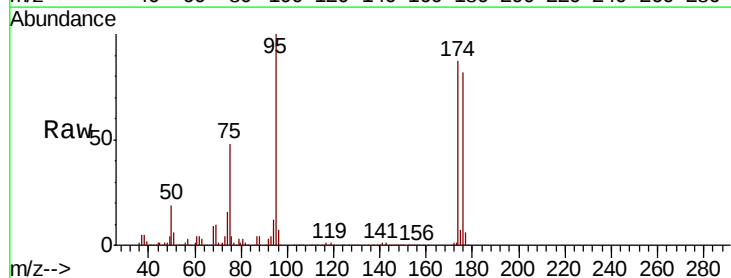
Acq: 27 Feb 2019 16:18

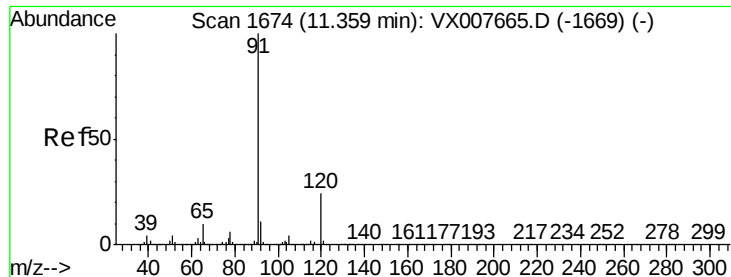
Tgt Ion: 75 Resp: 107203

Ion Ratio Lower Upper

75 100

77 1.3 23.0 69.0#





#78

n-propylbenzene

Concen: 0.733 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007736.D

Acq: 27 Feb 2019 16:18

Instrument :

MSVOA_X

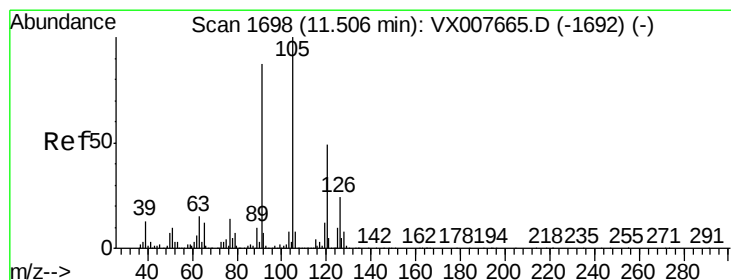
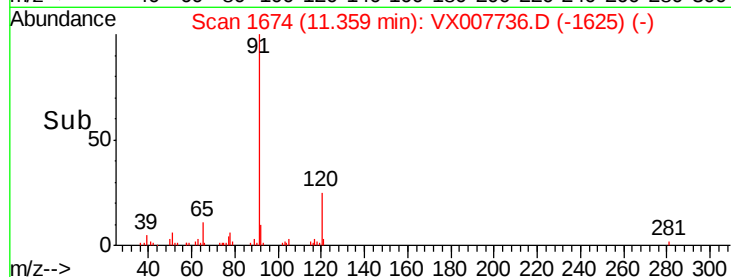
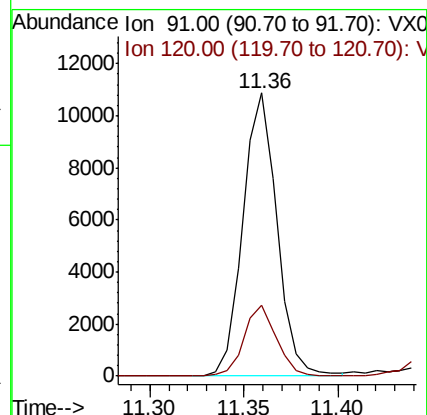
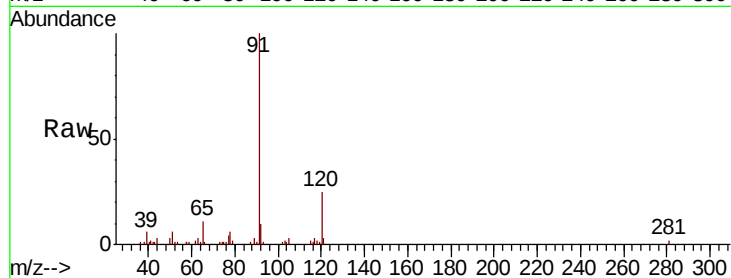
ClientSampleId :

Tot Ion: 91 Resp: 13644

Ion Ratio Lower Upper

91 100

120 23.8 12.4 37.2



#80

1,3,5-Trimethylbenzene

Concen: 0.260 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007736.D

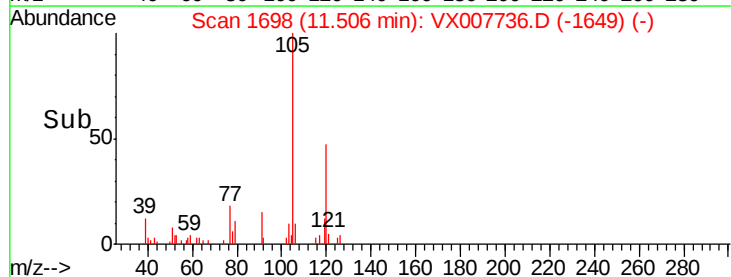
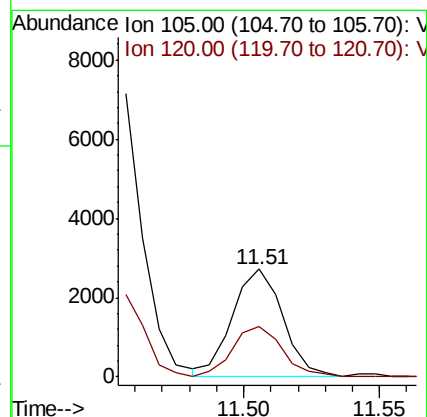
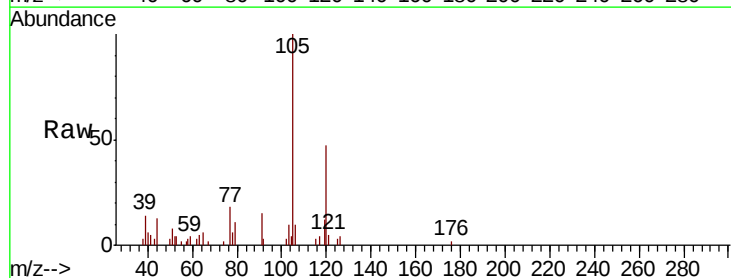
Acq: 27 Feb 2019 16:18

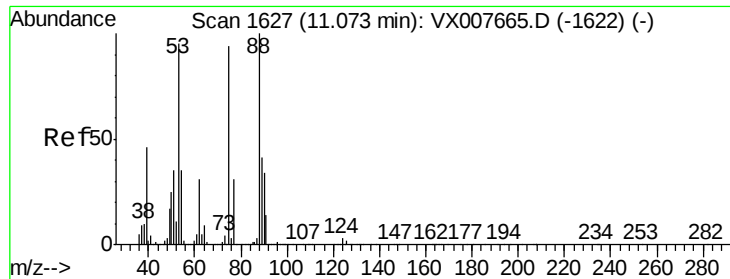
Tgt Ion: 105 Resp: 3517

Ion Ratio Lower Upper

105 100

120 46.8 25.3 75.8

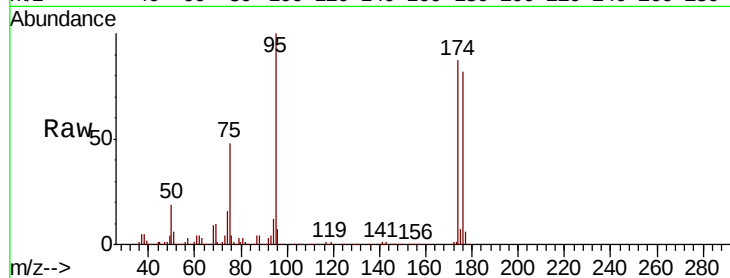




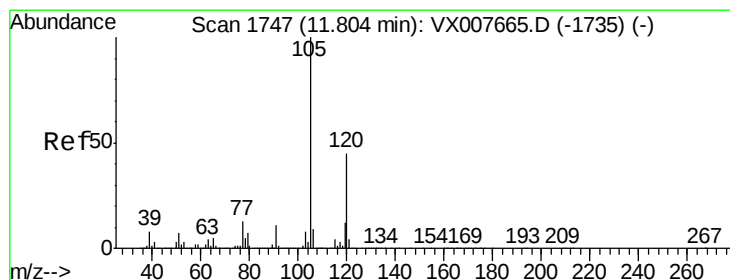
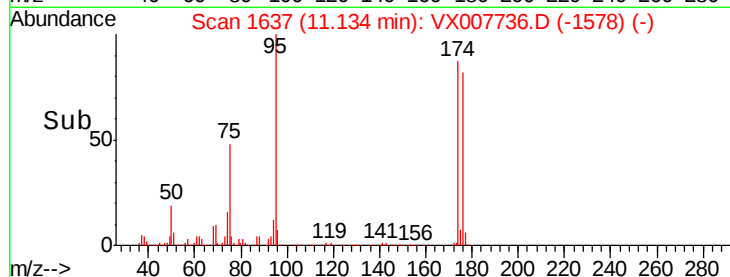
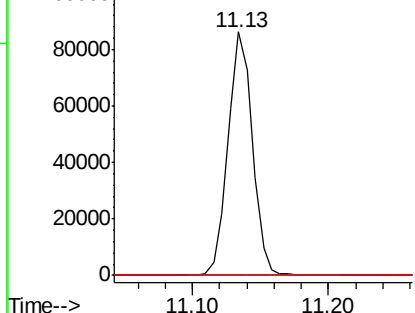
#81
trans-1,4-Dichloro-2-butene
Concen: 58.003 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007736.D
Acq: 27 Feb 2019 16:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 107203
Ion Ratio Lower Upper
75 100
53 0.1 81.0 121.6#
89 0.0 41.4 62.0#

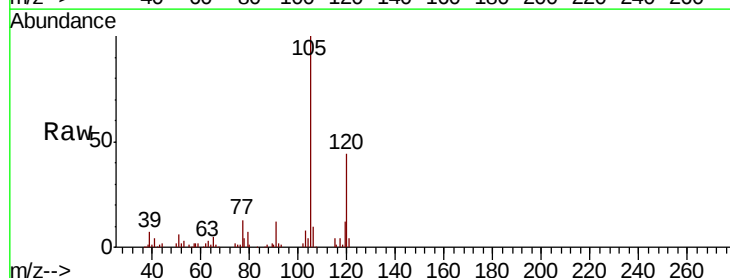


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

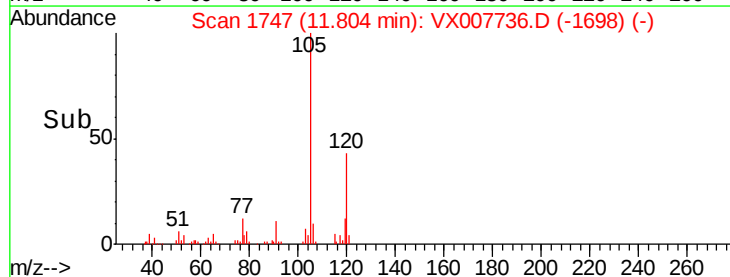
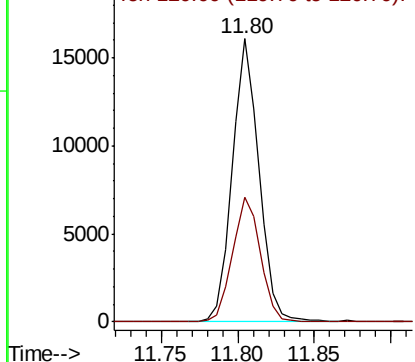


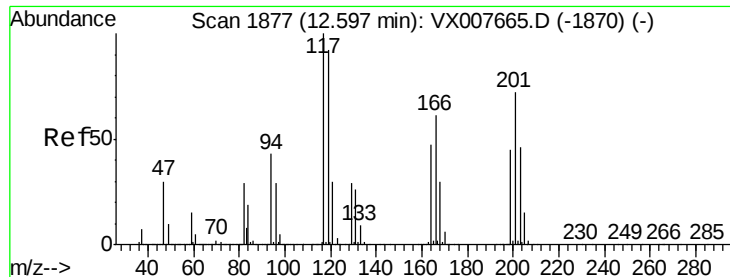
#84
1,2,4-Trimethylbenzene
Concen: 1.401 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007736.D
Acq: 27 Feb 2019 16:18

Tgt Ion: 105 Resp: 19406
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.3



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





#90

Hexachloroethane

Concen: 0.408 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX007736.D

Acq: 27 Feb 2019 16:18

Instrument :

MSVOA_X

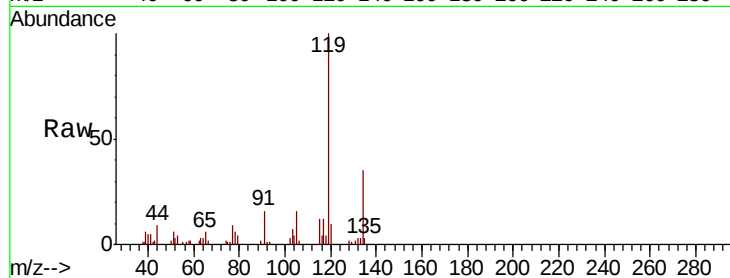
ClientSampled :

Tot Ion:117 Resp: 980

Ion Ratio Lower Upper

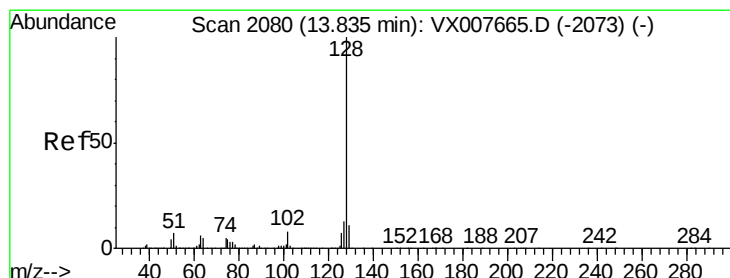
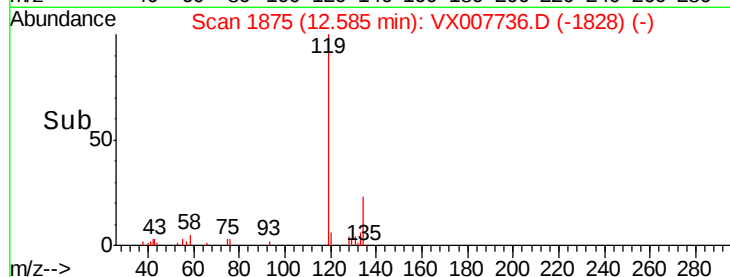
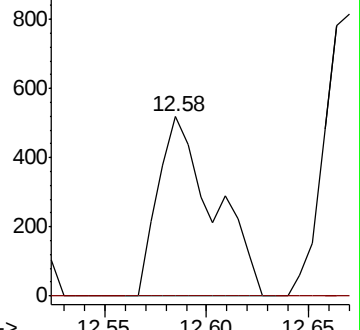
117 100

201 0.0 44.9 134.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 0.448 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007736.D

Acq: 27 Feb 2019 16:18

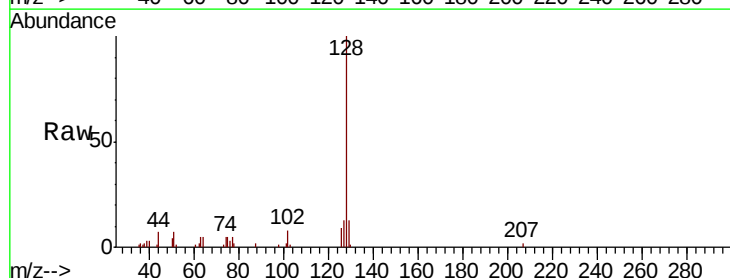
Tgt Ion:128 Resp: 6785

Ion Ratio Lower Upper

128 100

127 11.8 10.5 15.7

129 12.6 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

