

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005619.D
 Acq On : 26 Oct 2018 21:35
 Operator : JC/MD
 Sample : J5676-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-1018-S-TCLP-GRID40

Quant Time: Oct 27 05:52:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

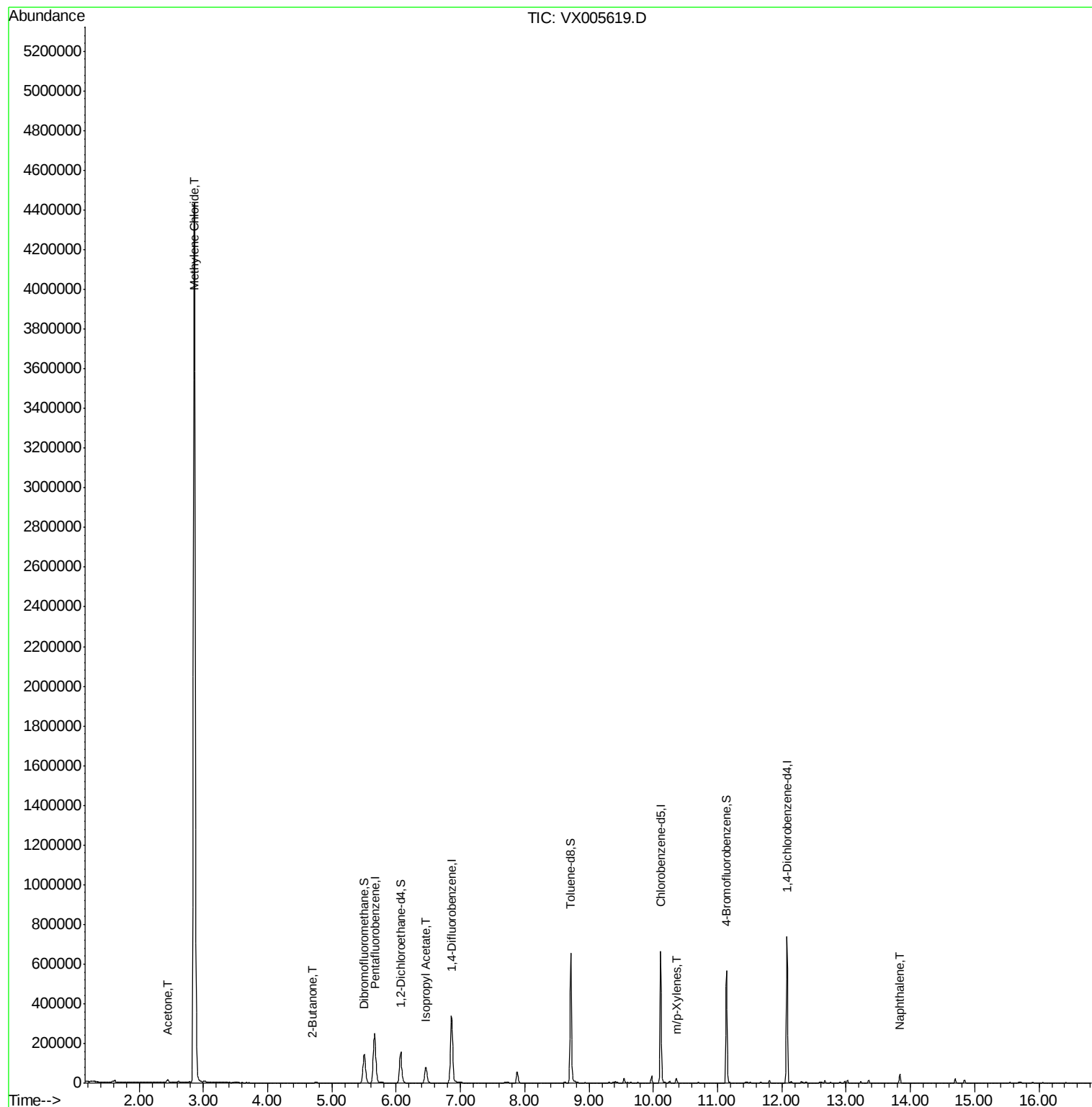
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	252976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151976	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	144756	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
35) Dibromofluoromethane	5.51	113	124123	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
50) Toluene-d8	8.71	98	408993	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	11.14	95	141327	43.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.40%	
Target Compounds						
16) Acetone	2.45	43	14972	9.175	ug/l	97
20) Methylene Chloride	2.85	84	2154977	788.522	ug/l	89
25) 2-Butanone	4.70	43	3542	1.425	ug/l	96
43) Isopropyl Acetate	6.46	43	108893	16.671	ug/l	97
68) m/p-Xylenes	10.36	106	5278	1.242	ug/l	95
95) Naphthalene	13.83	128	27399	2.640	ug/l	100

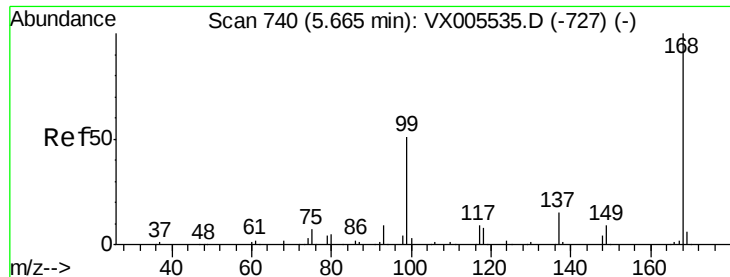
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102618\
Data File : VX005619.D
Acq On : 26 Oct 2018 21:35
Operator : JC/MD
Sample : J5676-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CB-1018-S-TCLP-GRID40

Quant Time: Oct 27 05:52:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005619.D

Acq: 26 Oct 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

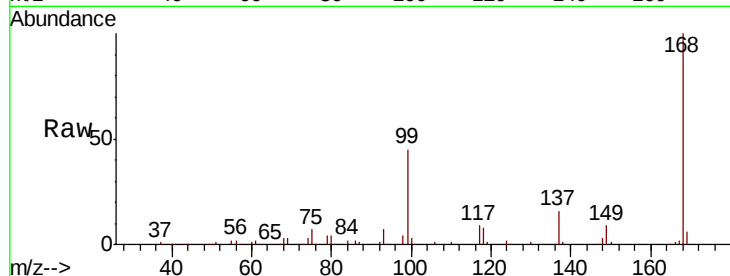
CB-1018-S-TCLP-GRID40

Tot Ion:168 Resp: 252976

Ion Ratio Lower Upper

168 100

99 45.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

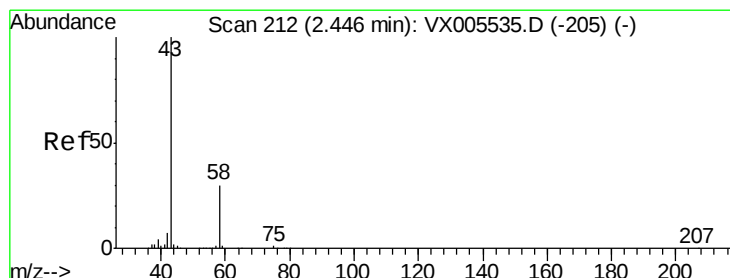
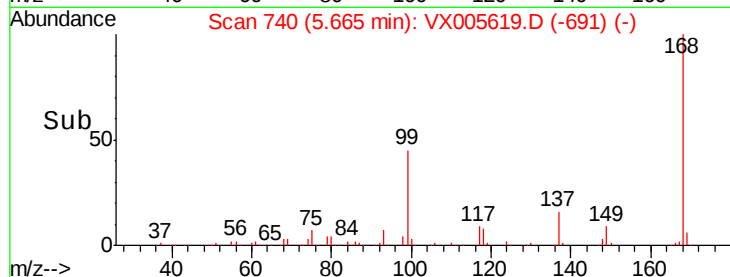
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.175 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005619.D

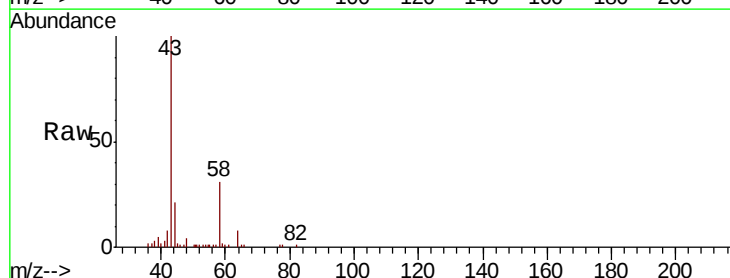
Acq: 26 Oct 2018 21:35

Tgt Ion: 43 Resp: 14972

Ion Ratio Lower Upper

43 100

58 31.1 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

10000

8000

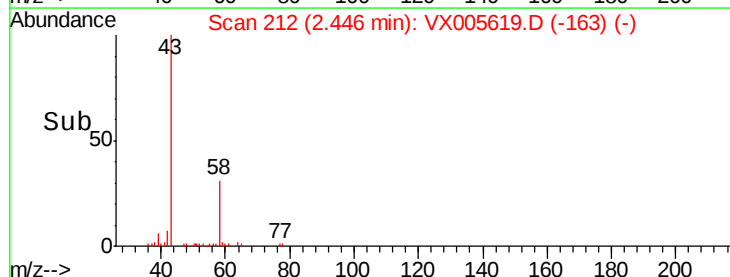
6000

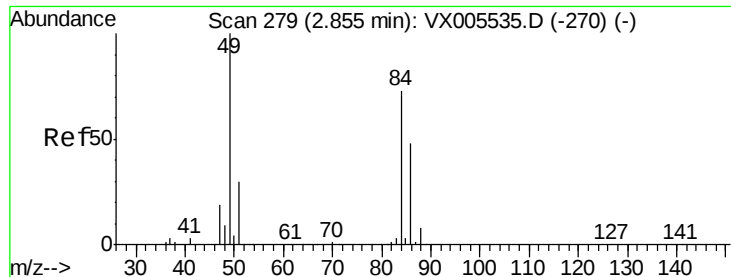
4000

2000

0

Time--> 2.40 2.50



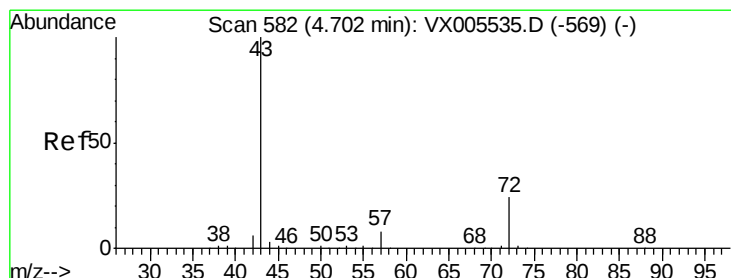
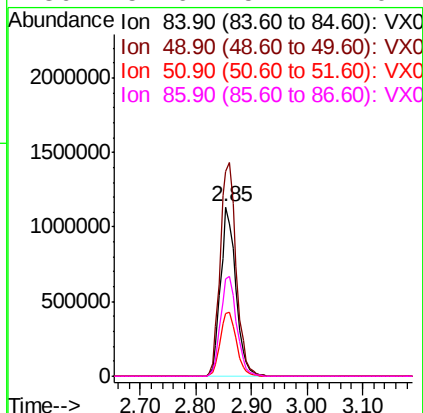
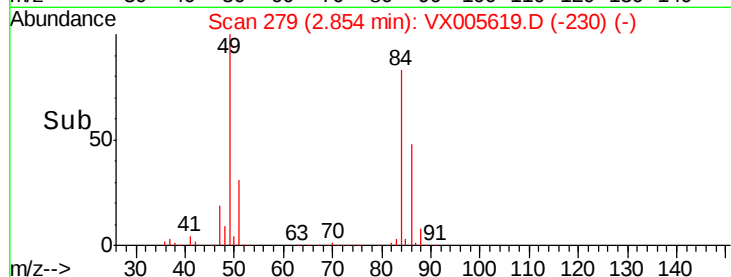
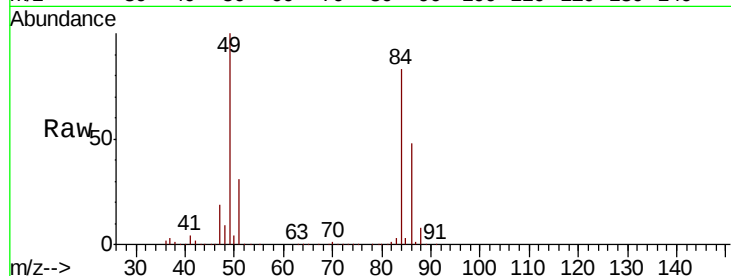


#20
Methvlene Chloride
Concen: 788.522 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005619.D
Acq: 26 Oct 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
CB-1018-S-TCLP-GRID40

Tot Ion: 84 Resp: 2154977

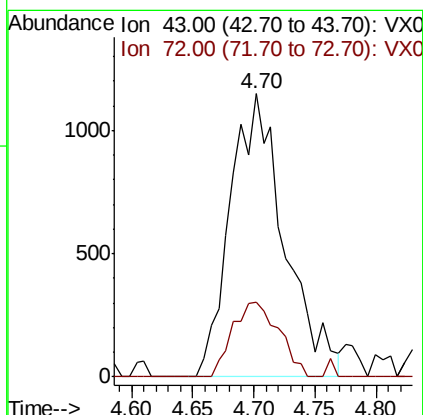
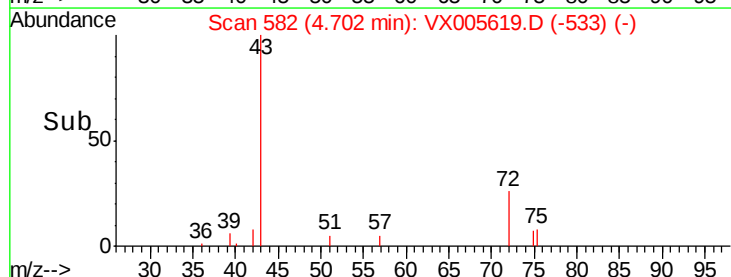
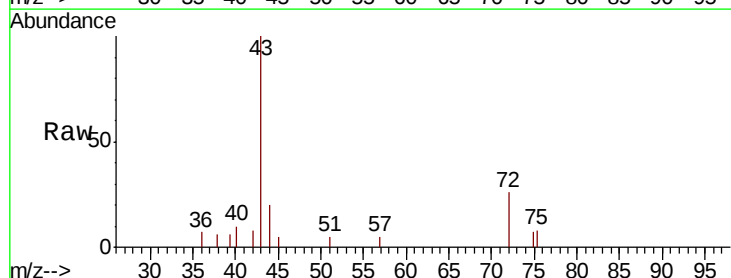
Ion	Ratio	Lower	Upper
84	100		
49	121.2	109.5	164.3
51	37.4	33.3	49.9
86	57.6	52.7	79.1

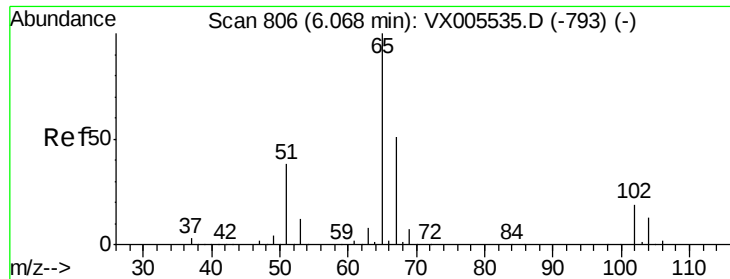


#25
2-Butanone
Concen: 1.425 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX005619.D
Acq: 26 Oct 2018 21:35

Tgt Ion: 43 Resp: 3542

Ion	Ratio	Lower	Upper
43	100		
72	26.2	19.2	28.8

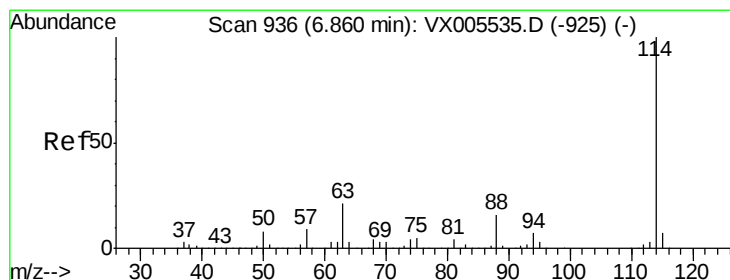
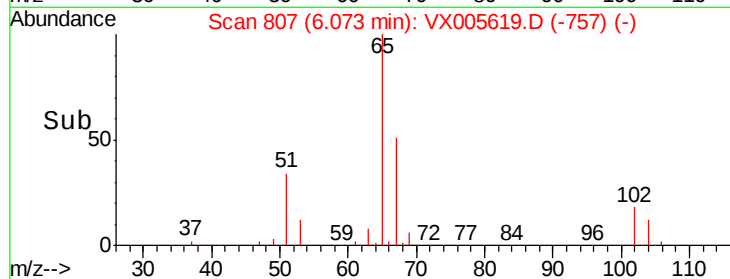
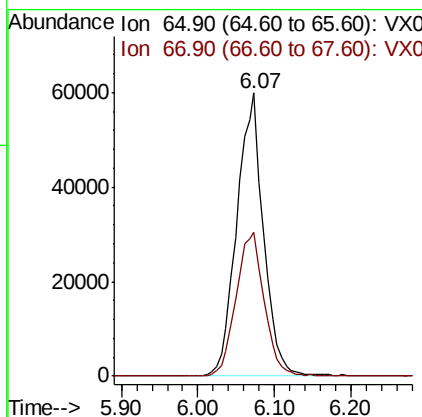
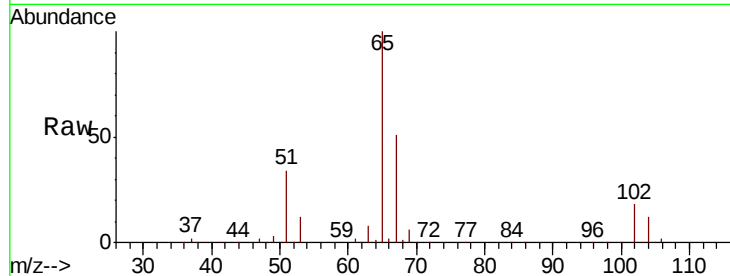




#33
 1,2-Dichloroethane-d4
 Concen: 46.876 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005619.D
 Acq: 26 Oct 2018 21:35

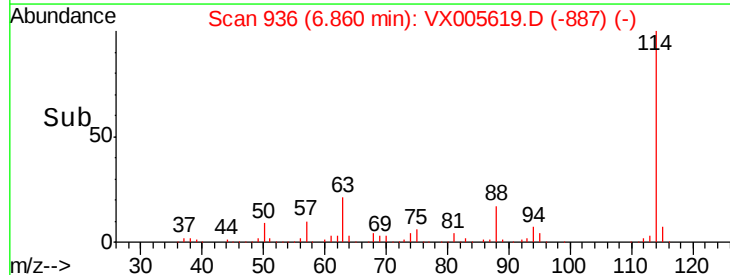
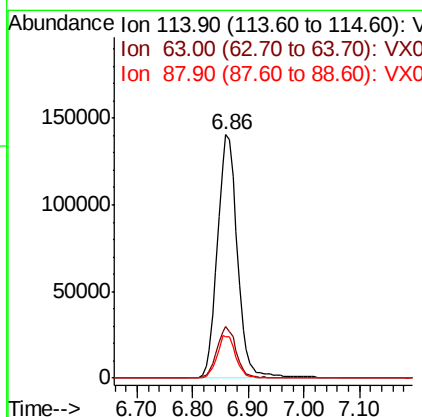
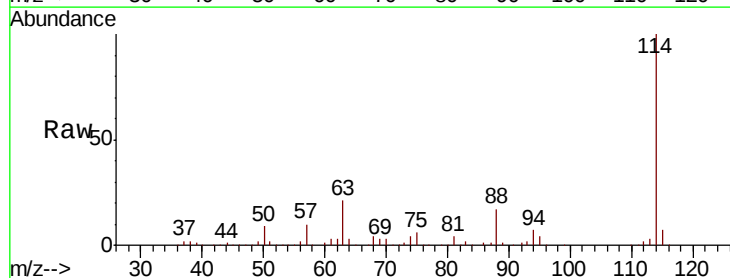
Instrument :
 MSVOA_X
 ClientSampleId :
 CB-1018-S-TCLP-GRID40

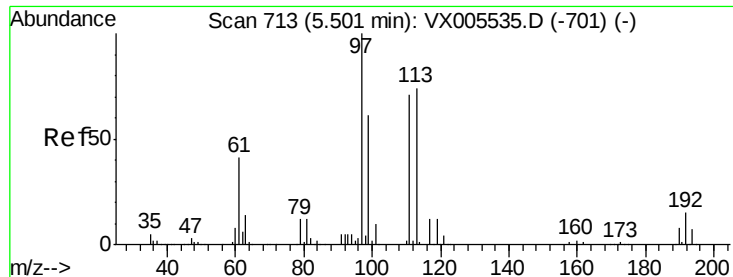
Tot Ion: 65 Resp: 144756
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005619.D
 Acq: 26 Oct 2018 21:35

Tgt Ion: 114 Resp: 351975
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 16.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.081 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005619.D

Acq: 26 Oct 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

CB-1018-S-TCLP-GRID40

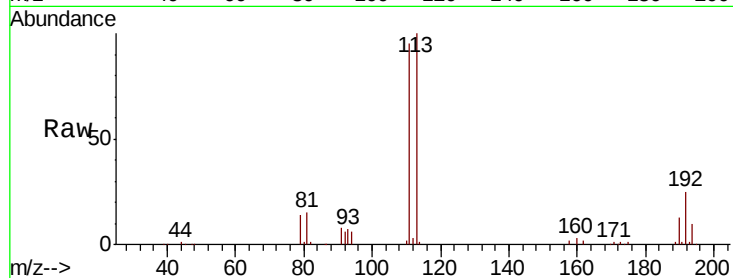
Tot Ion:113 Resp: 124123

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

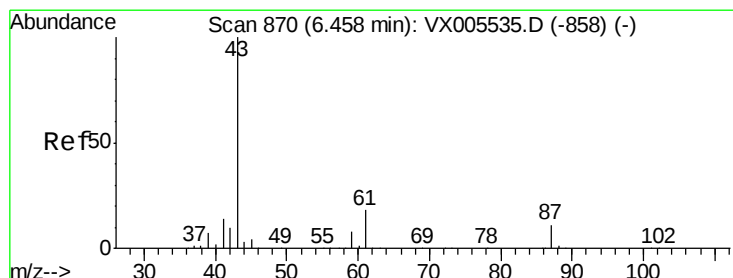
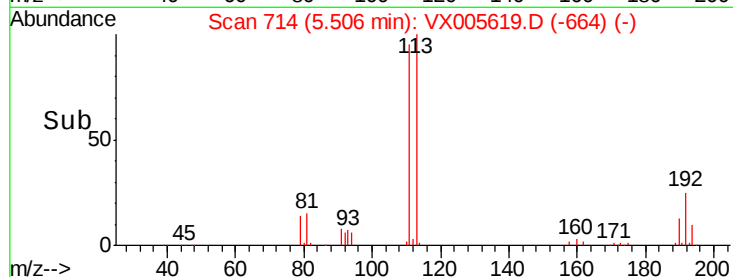
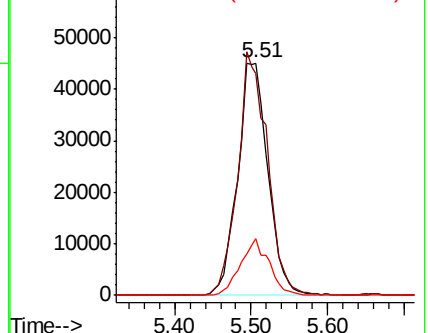
192 22.9 17.9 26.9



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



#43

Isopropyl Acetate

Concen: 16.671 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005619.D

Acq: 26 Oct 2018 21:35

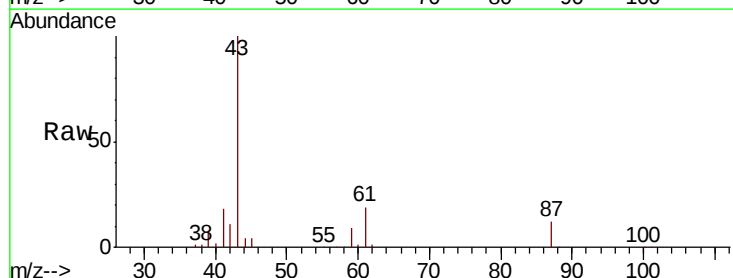
Tgt Ion: 43 Resp: 108893

Ion Ratio Lower Upper

43 100

61 20.0 14.6 22.0

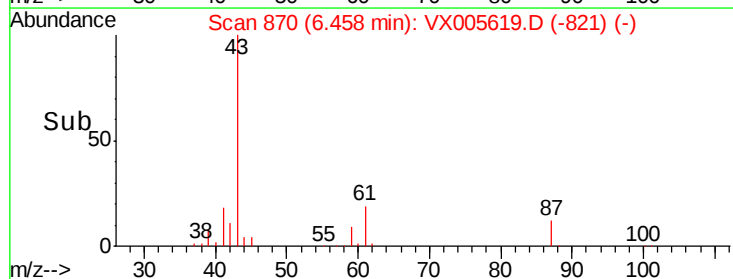
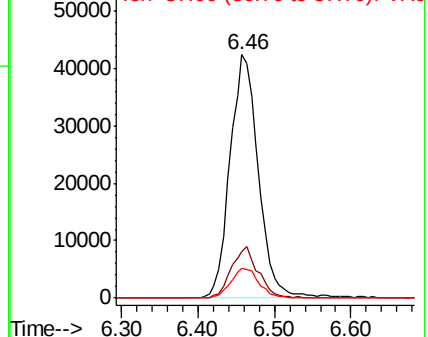
87 12.3 9.6 14.4

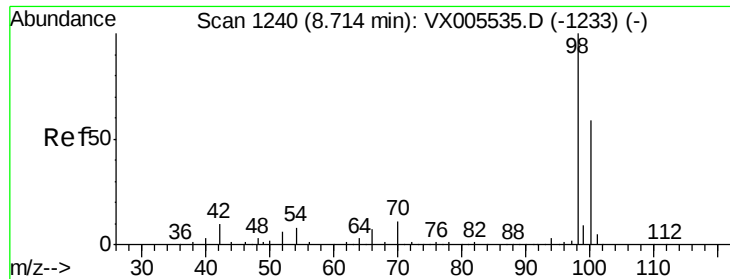


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 47.759 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005619.D

Acq: 26 Oct 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

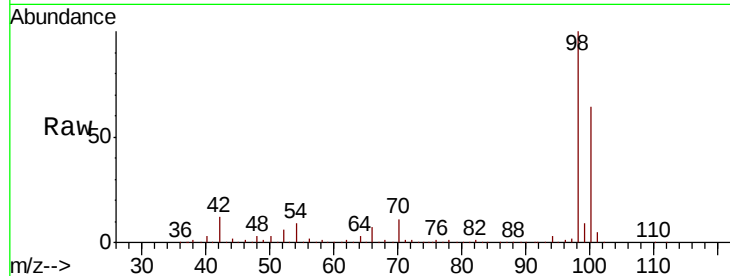
CB-1018-S-TCLP-GRID40

Tot Ion: 98 Resp: 408993

Ion Ratio Lower Upper

98 100

100 63.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

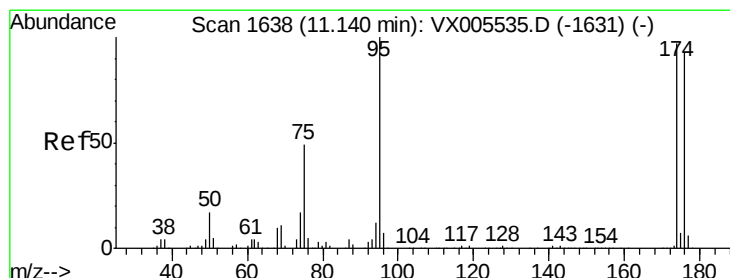
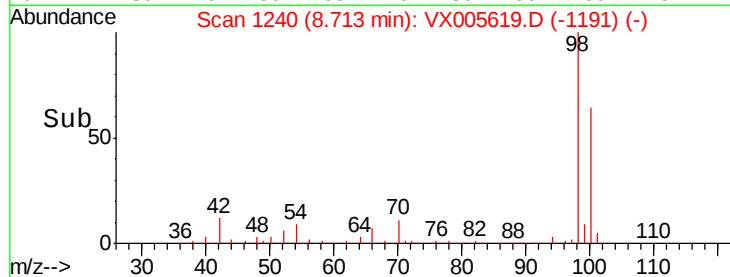
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.700 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005619.D

Acq: 26 Oct 2018 21:35

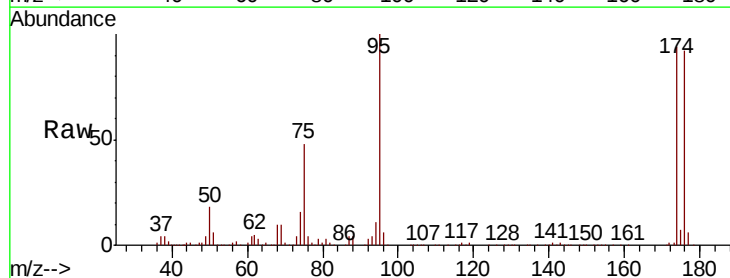
Tgt Ion: 95 Resp: 141327

Ion Ratio Lower Upper

95 100

174 91.8 0.0 184.4

176 88.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

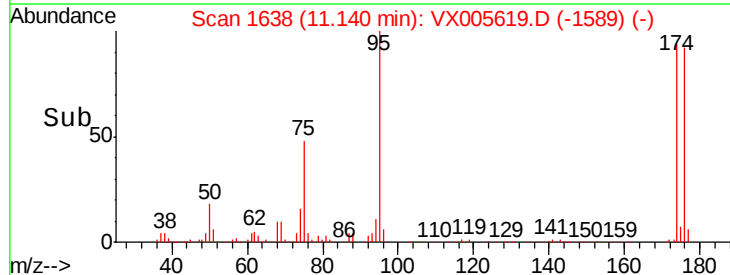
150000

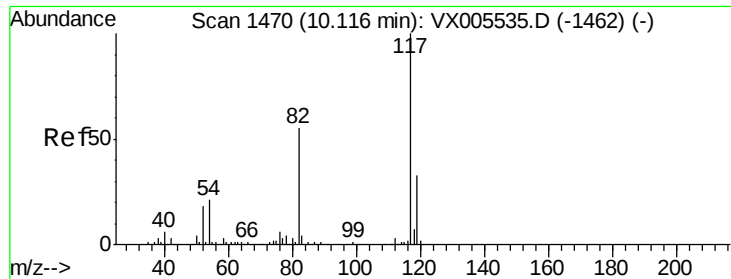
100000

50000

0

Time-->

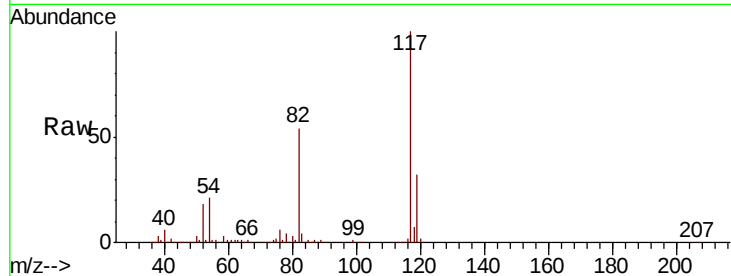




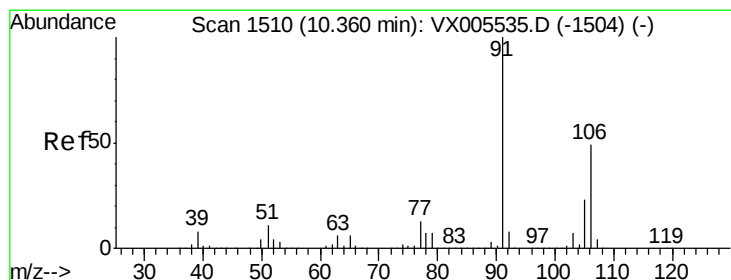
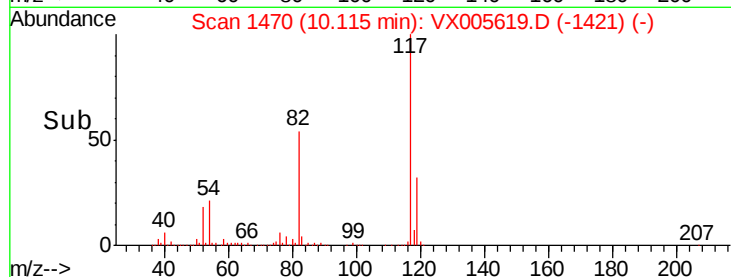
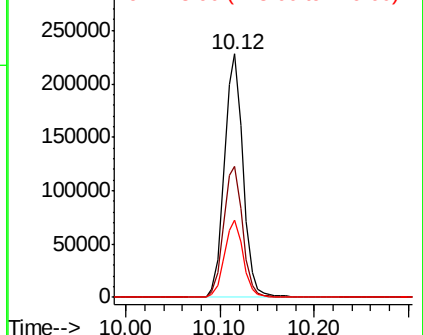
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005619.D
Acq: 26 Oct 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
CB-1018-S-TCLP-GRID40

Tot Ion:117 Resp: 312608
Ion Ratio Lower Upper
117 100
82 53.9 44.1 66.1
119 31.6 26.2 39.2

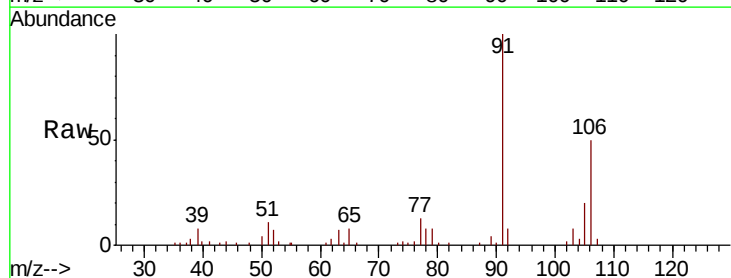


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

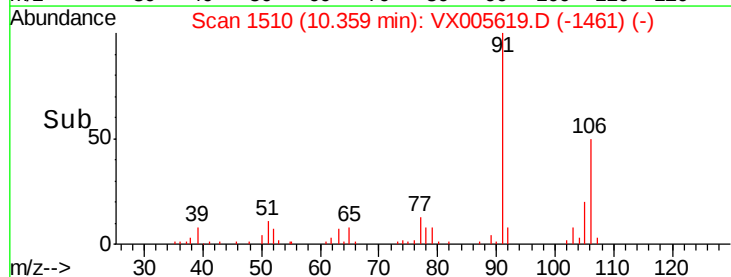
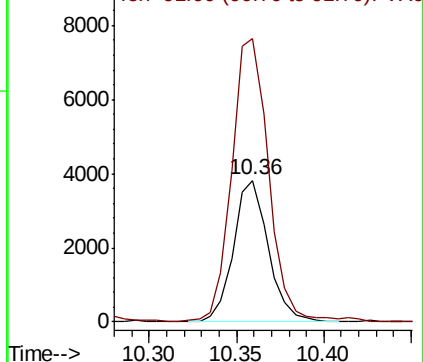


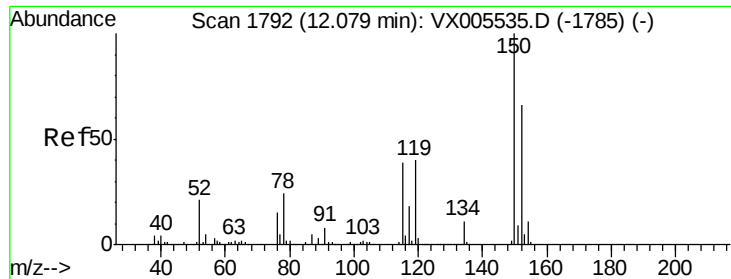
#68
m/p-Xylenes
Concen: 1.242 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005619.D
Acq: 26 Oct 2018 21:35

Tgt Ion:106 Resp: 5278
Ion Ratio Lower Upper
106 100
91 213.5 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0



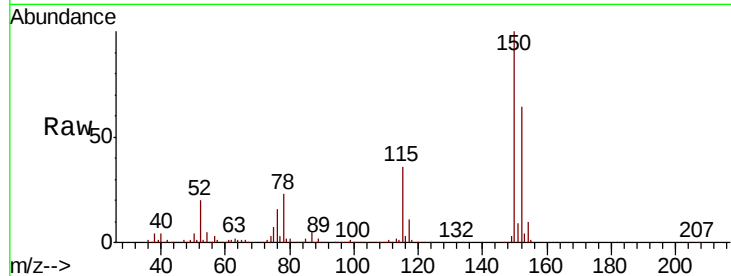


#72

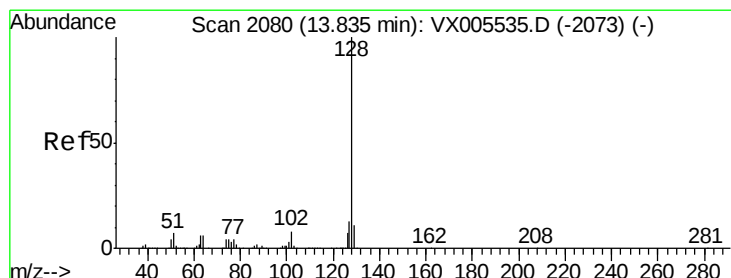
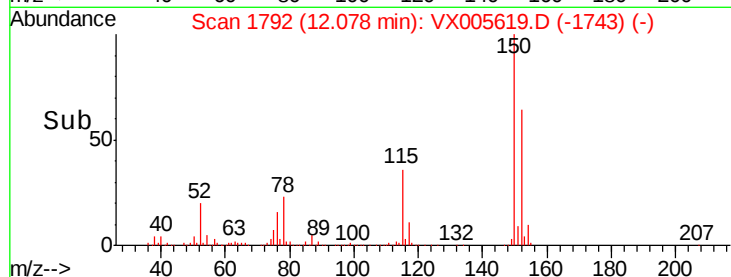
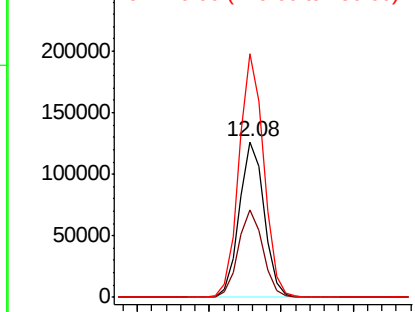
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005619.D
Acq: 26 Oct 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
CB-1018-S-TCLP-GRID40

Tot Ion:152 Resp: 151976
Ion Ratio Lower Upper
152 100
115 55.8 39.4 118.1
150 155.7 0.0 346.4



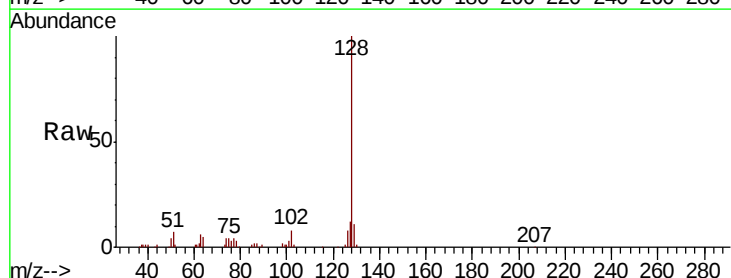
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 2.640 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005619.D
Acq: 26 Oct 2018 21:35

Tgt Ion:128 Resp: 27399
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.2 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

