

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\
 Data File : VX011530.D
 Acq On : 13 Aug 2019 12:57
 Operator : JC/SP
 Sample : K4279-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-ER-2019-1

Quant Time: Aug 14 01:42:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

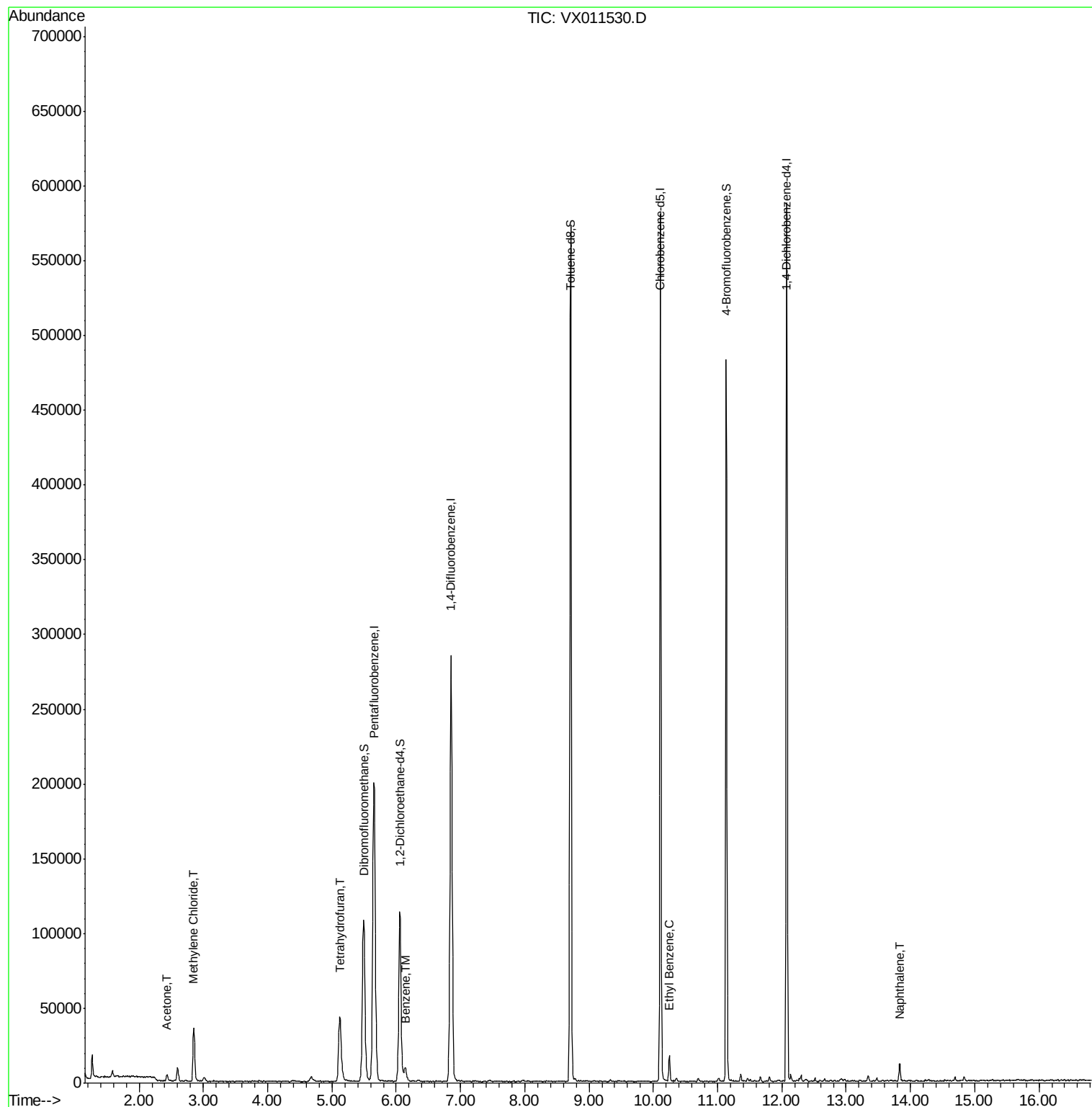
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	196766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109011	55.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.02%	
35) Dibromofluoromethane	5.49	113	90928	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
50) Toluene-d8	8.71	98	343180	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
62) 4-Bromofluorobenzene	11.13	95	118132	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
Target Compounds						
16) Acetone	2.43	43	4298	4.557	ug/l	99
20) Methylene Chloride	2.85	84	16503	7.989	ug/l	95
29) Tetrahydrofuran	5.12	42	38572	46.888	ug/l	98
40) Benzene	6.13	78	10066	1.313	ug/l	100
67) Ethyl Benzene	10.25	91	10384	1.099	ug/l	99
95) Naphthalene	13.83	128	7480	0.920	ug/l	95

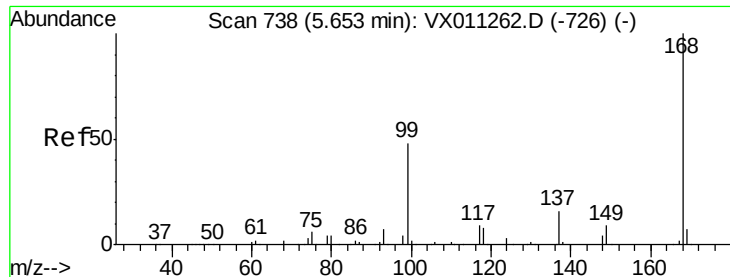
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011530.D

Acq: 13 Aug 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

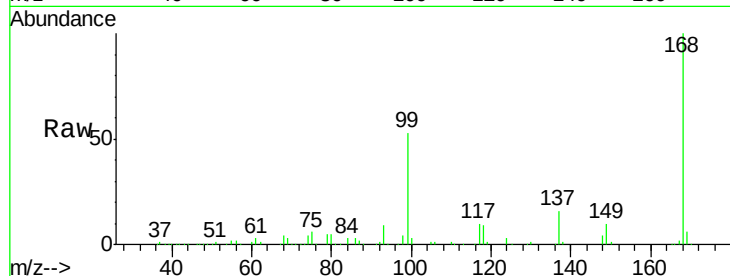
Z3-ER-2019-1

Tot Ion:168 Resp: 196766

Ion Ratio Lower Upper

168 100

99 53.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

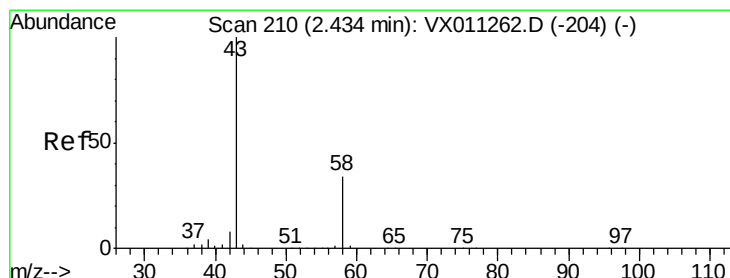
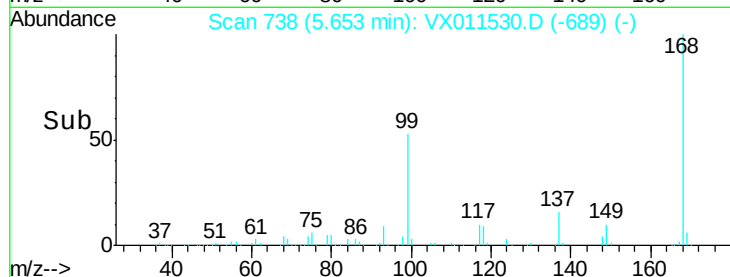
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.557 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011530.D

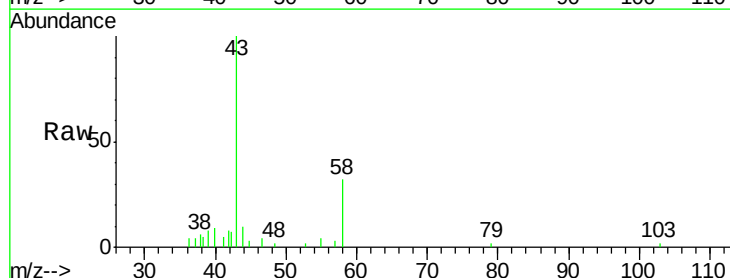
Acq: 13 Aug 2019 12:57

Tgt Ion: 43 Resp: 4298

Ion Ratio Lower Upper

43 100

58 33.6 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

3000

2500

2000

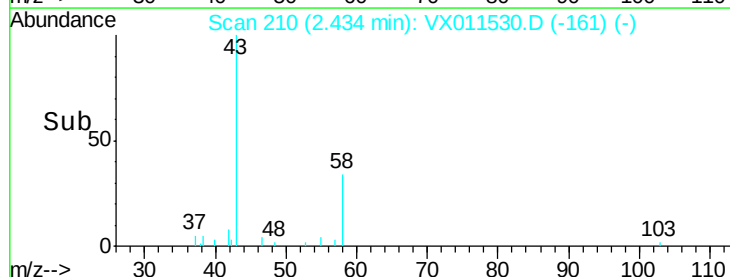
1500

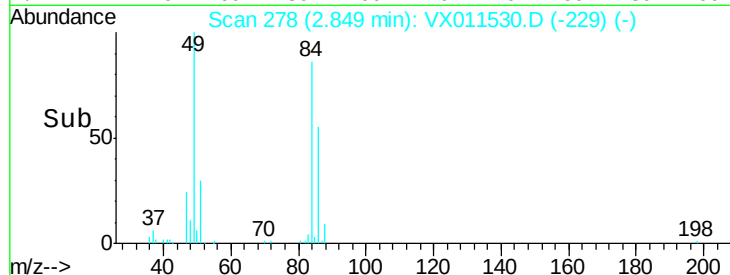
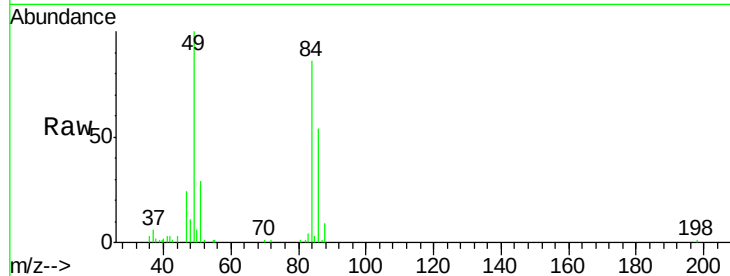
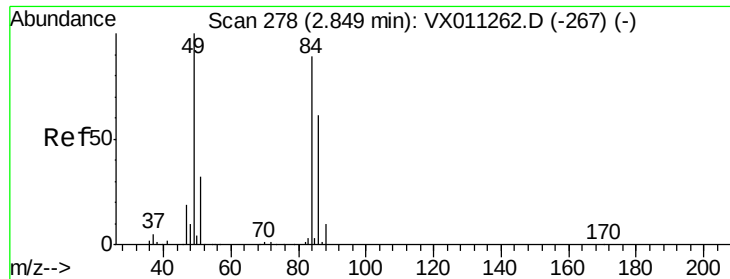
1000

500

0

Time--> 2.40 2.45 2.50

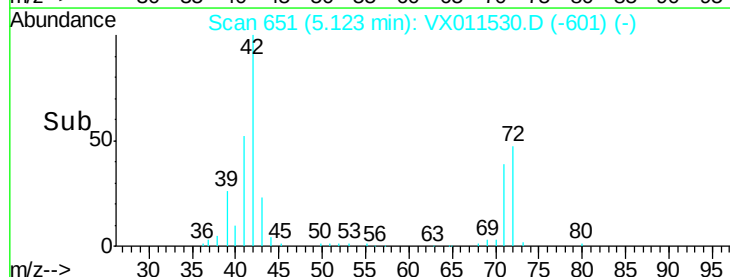
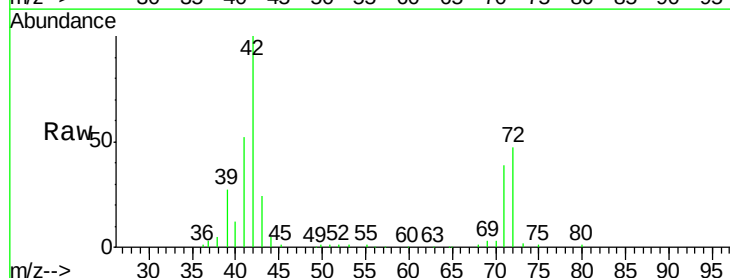
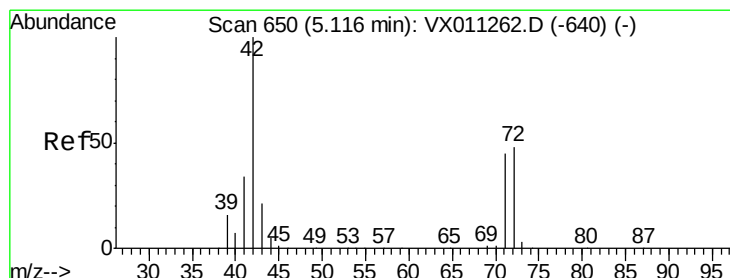
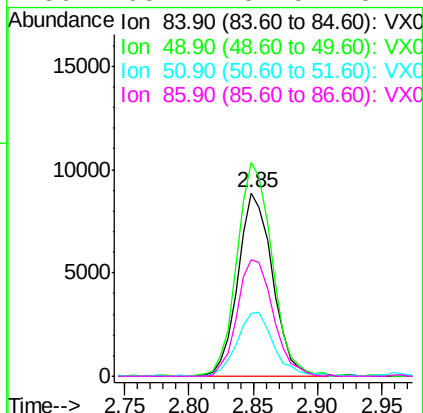




#20
Methylene Chloride
Concen: 7.989 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011530.D
Acq: 13 Aug 2019 12:57

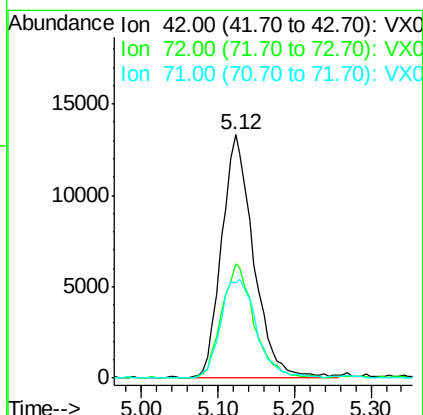
Instrument :
MSVOA_X
ClientSampleId :
Z3-ER-2019-1

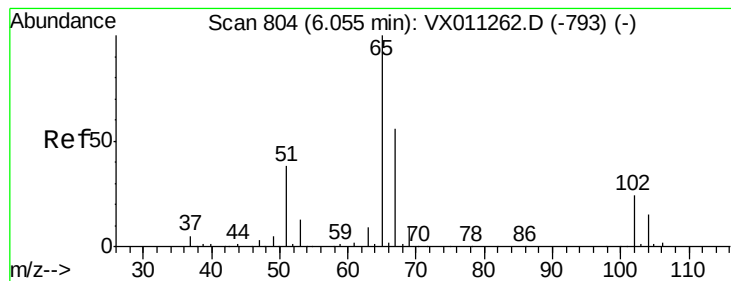
Tot Ion:	84	Resp:	16503
Ion	Ratio	Lower	Upper
84	100		
49	116.4	89.3	133.9
51	34.3	28.3	42.5
86	63.4	54.5	81.7



#29
Tetrahydrofuran
Concen: 46.888 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011530.D
Acq: 13 Aug 2019 12:57

Tgt Ion:	42	Resp:	38572
Ion	Ratio	Lower	Upper
42	100		
72	47.6	39.9	59.9
71	45.7	36.9	55.3





#33

1,2-Dichloroethane-d4

Concen: 55.013 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011530.D

Acq: 13 Aug 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

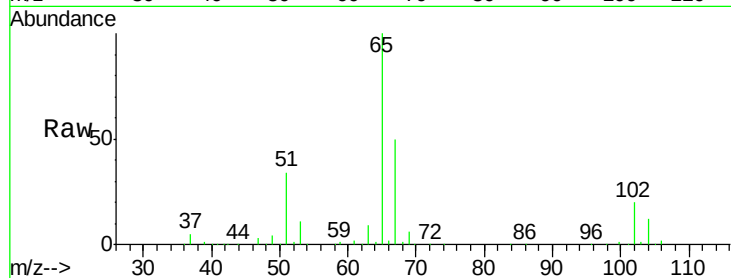
Z3-ER-2019-1

Tot Ion: 65 Resp: 109011

Ion Ratio Lower Upper

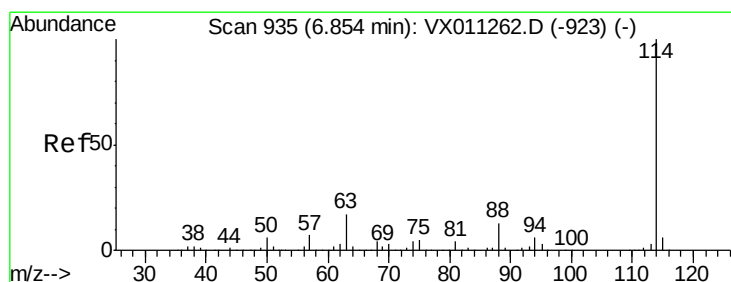
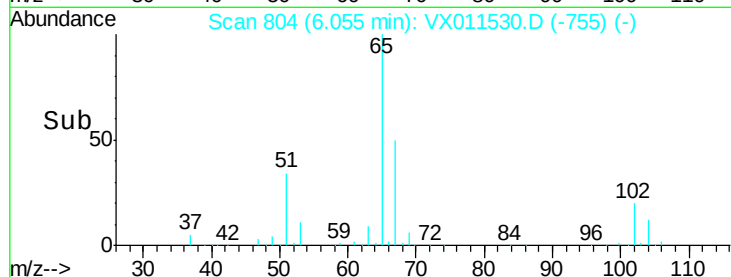
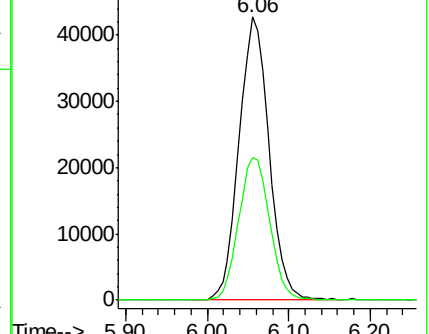
65 100

67 52.2 0.0 110.6



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: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011530.D

Acq: 13 Aug 2019 12:57

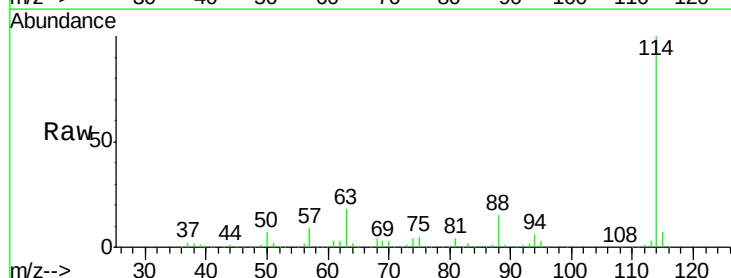
Tgt Ion: 114 Resp: 294363

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.0

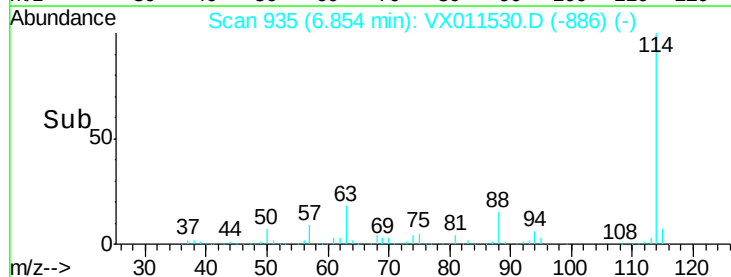
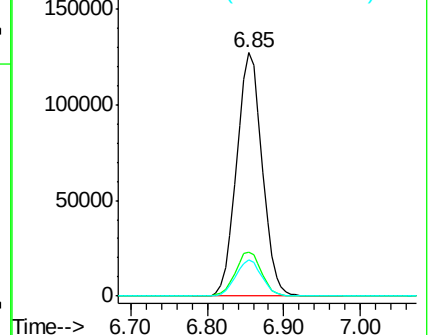
88 14.7 0.0 26.4

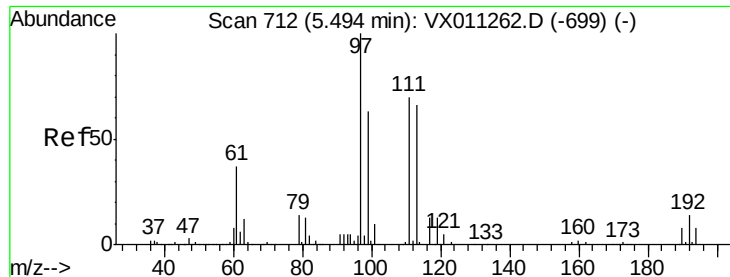


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.313 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011530.D

Acq: 13 Aug 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

Z3-ER-2019-1

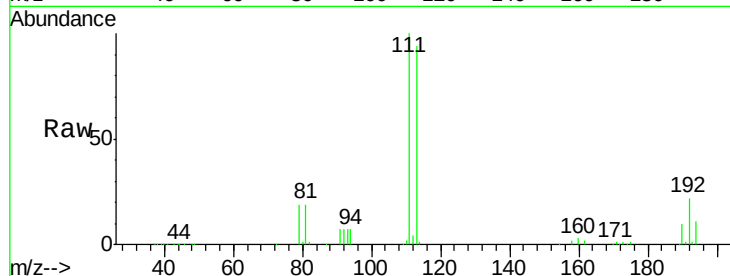
Tot Ion:113 Resp: 90928

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

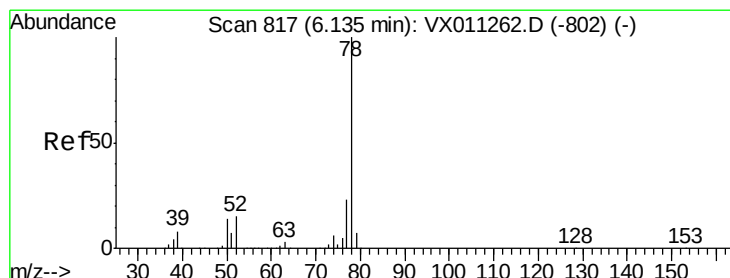
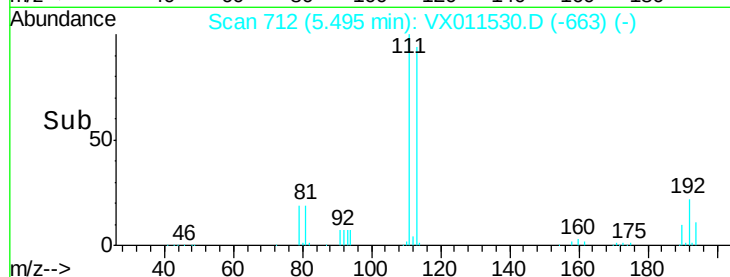
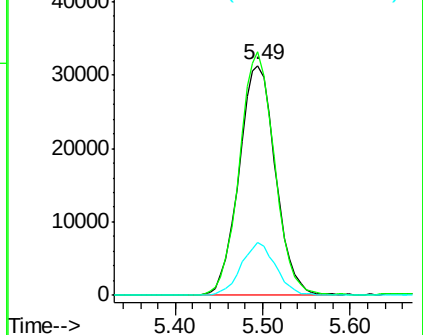
192 21.9 17.8 26.8



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



#40

Benzene

Concen: 1.313 ug/l

RT: 6.13 min Scan# 817

Delta R.T. 0.00 min

Lab File: VX011530.D

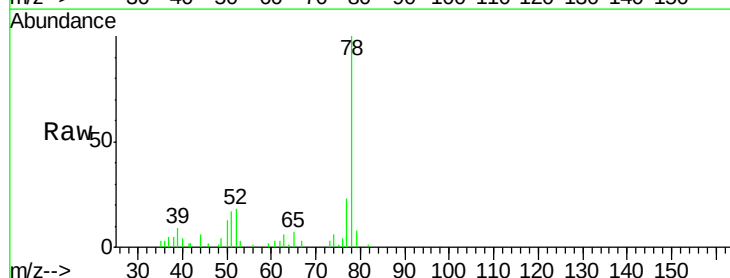
Acq: 13 Aug 2019 12:57

Tgt Ion: 78 Resp: 10066

Ion Ratio Lower Upper

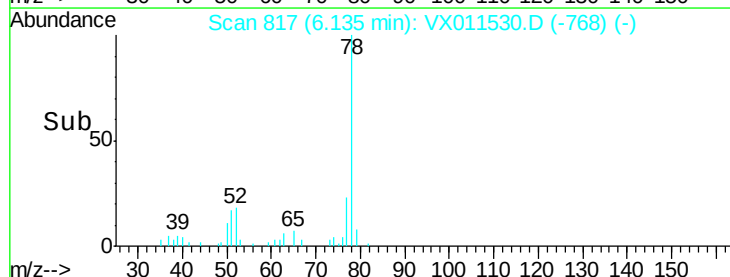
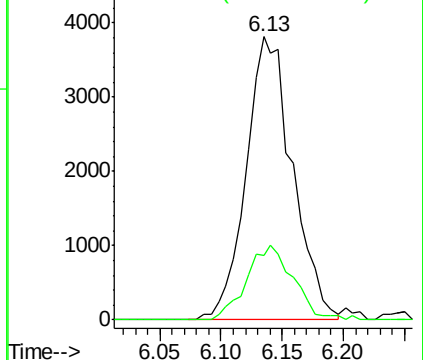
78 100

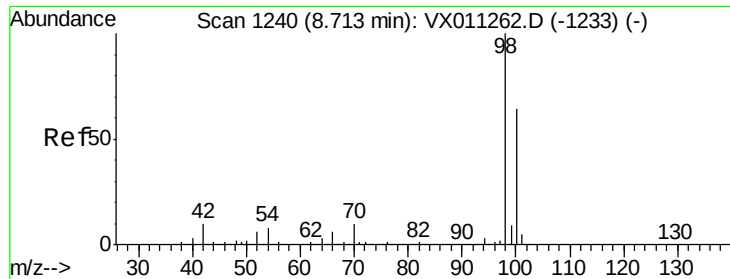
77 22.7 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

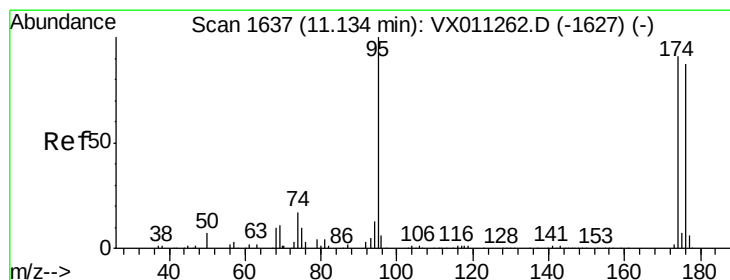
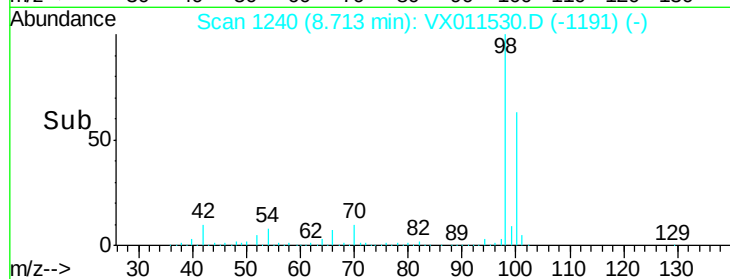
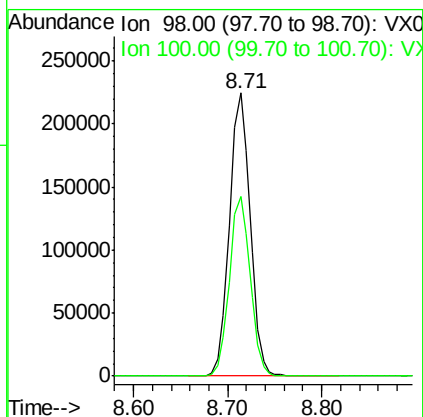
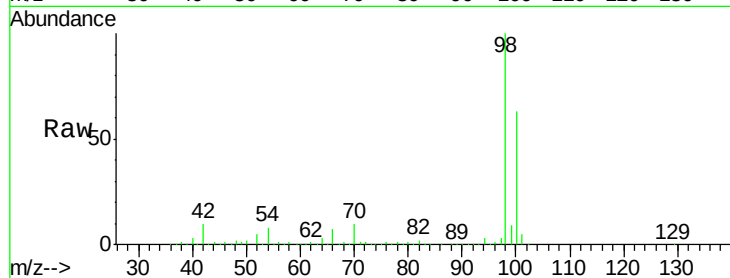




#50
Toluene-d8
Concen: 47.307 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011530.D
Acq: 13 Aug 2019 12:57

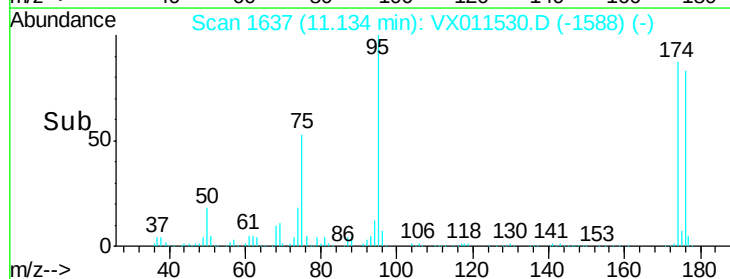
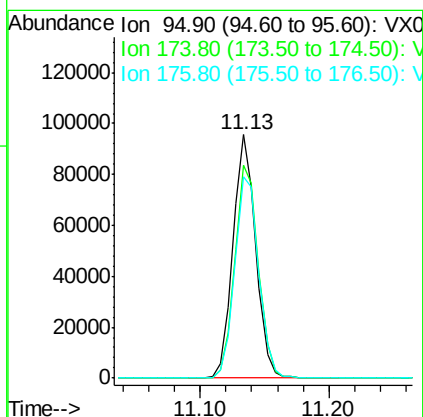
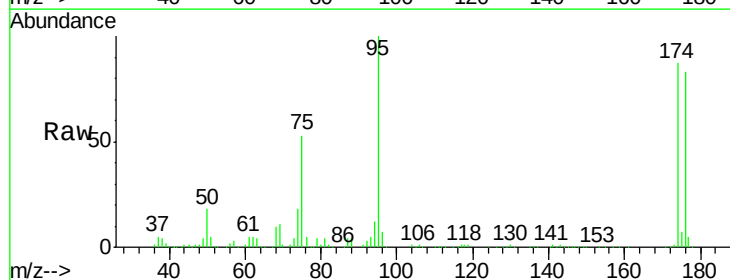
Instrument :
MSVOA_X
ClientSampleId :
Z3-ER-2019-1

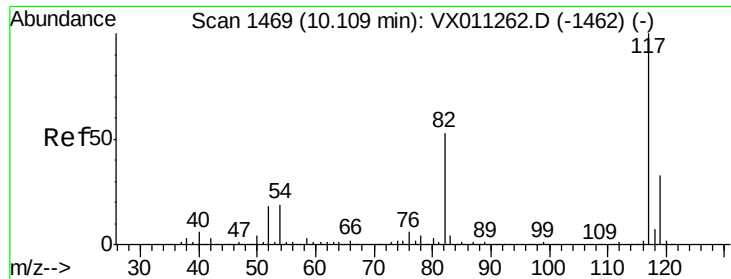
Tot Ion: 98 Resp: 343180
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.611 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011530.D
Acq: 13 Aug 2019 12:57

Tgt Ion: 95 Resp: 118132
Ion Ratio Lower Upper
95 100
174 90.3 0.0 191.2
176 86.9 0.0 184.8

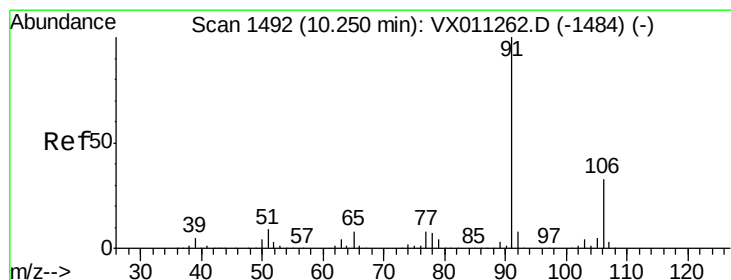
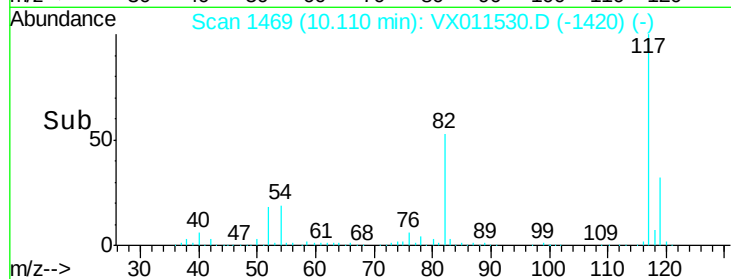
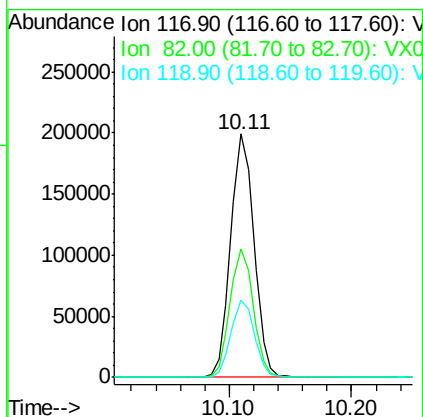
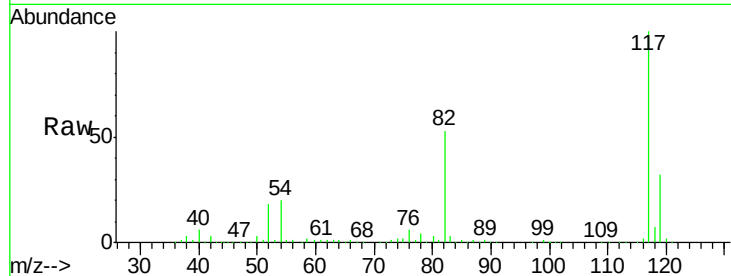




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011530.D
Acq: 13 Aug 2019 12:57

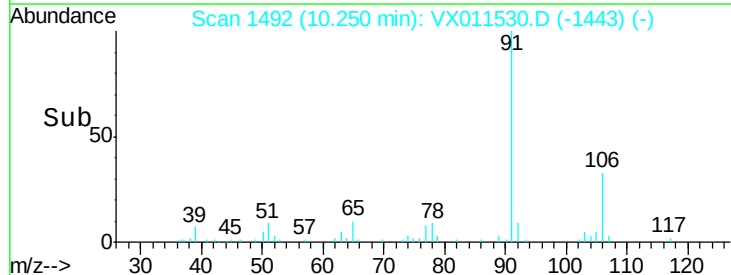
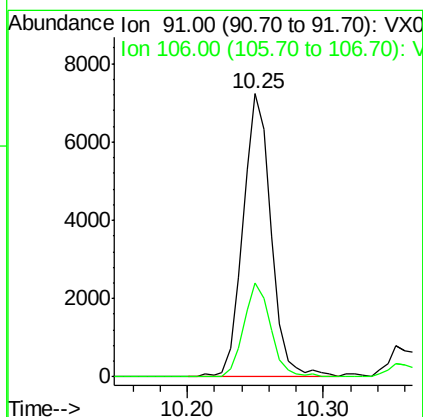
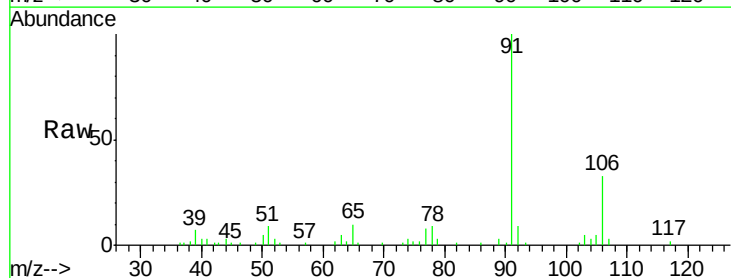
Instrument :
MSVOA_X
ClientSampled :
Z3-ER-2019-1

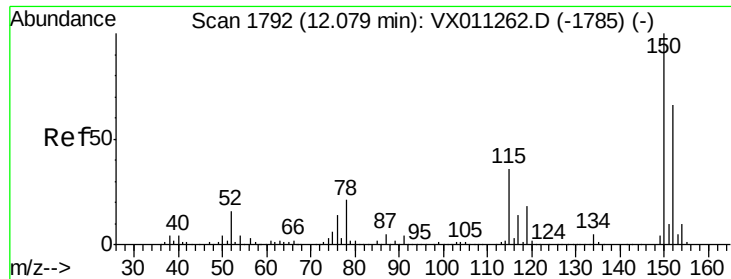
Tot Ion:117 Resp: 263120
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 31.7 26.6 39.8



#67
Ethyl Benzene
Concen: 1.099 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011530.D
Acq: 13 Aug 2019 12:57

Tgt Ion: 91 Resp: 10384
Ion Ratio Lower Upper
91 100
106 33.3 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011530.D

Acq: 13 Aug 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

Z3-ER-2019-1

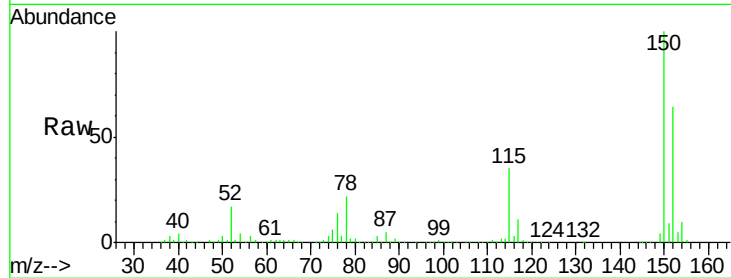
Tot Ion:152 Resp: 124496

Ion Ratio Lower Upper

152 100

115 56.3 40.0 119.9

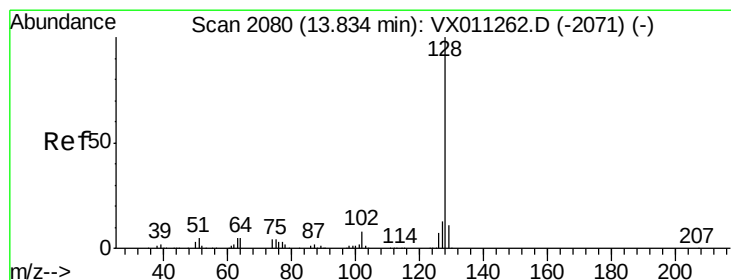
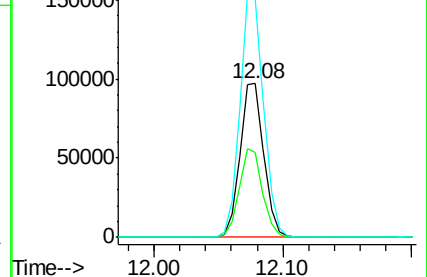
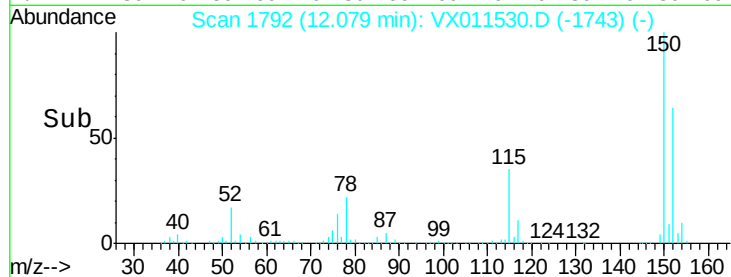
150 157.7 0.0 350.4



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: 0.920 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX011530.D

Acq: 13 Aug 2019 12:57

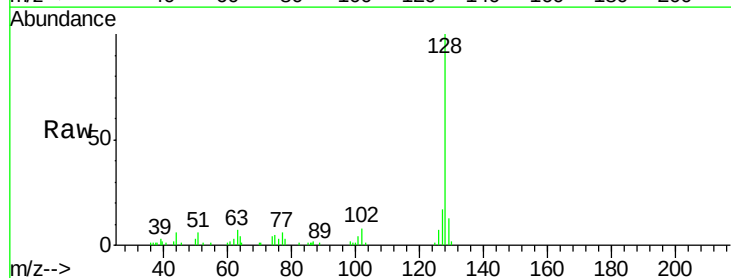
Tgt Ion:128 Resp: 7480

Ion Ratio Lower Upper

128 100

127 15.4 10.4 15.6

129 12.7 8.9 13.3



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

