

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
 Data File : VX016465.D
 Acq On : 27 May 2020 22:54
 Operator : JC/SP
 Sample : L2757-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AP5

Quant Time: May 28 07:55:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

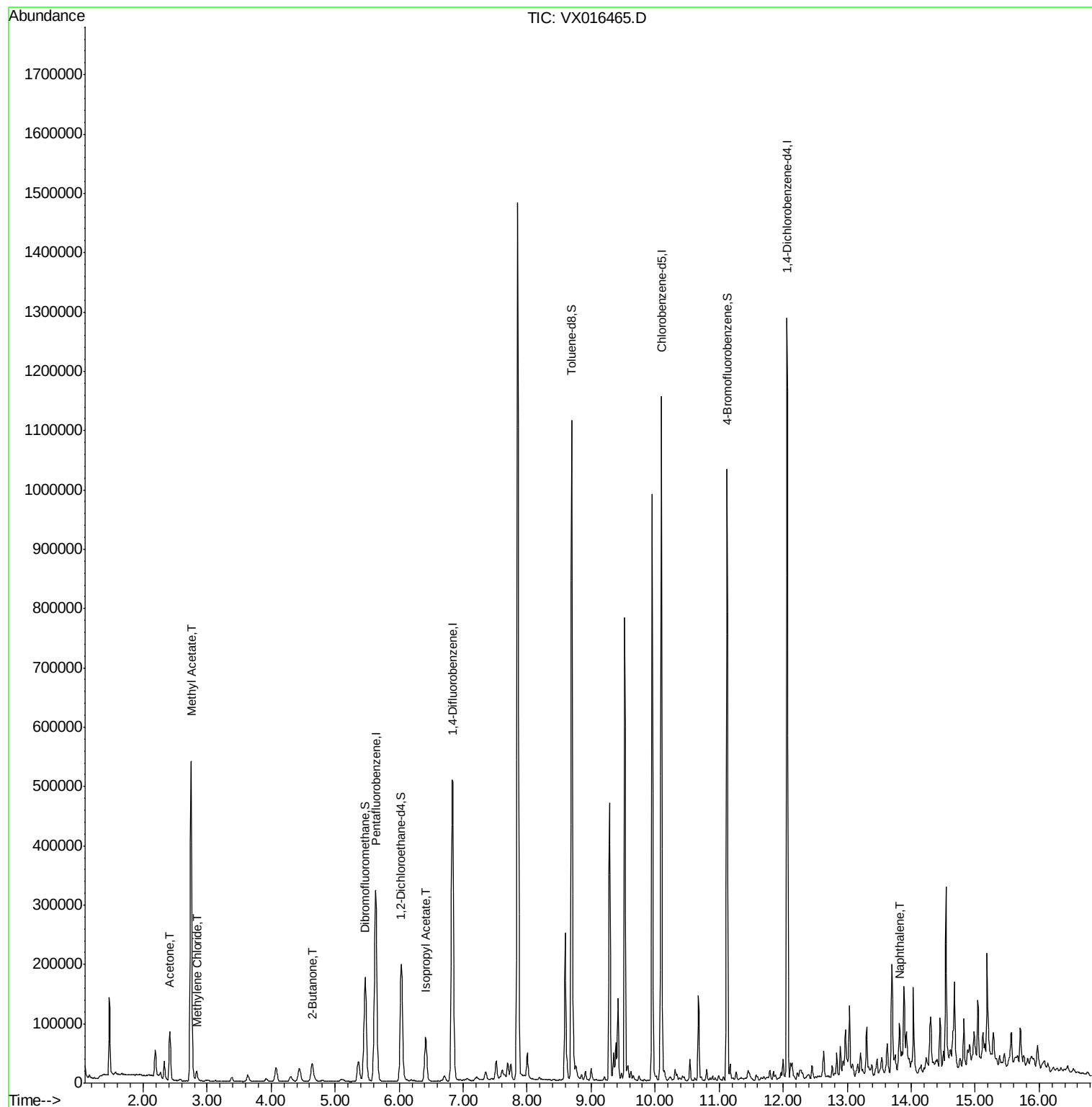
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	319509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	525378	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	526369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	272698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	188961	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.47	113	152540	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
50) Toluene-d8	8.70	98	652623	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	11.12	95	271764	55.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.72%	
Target Compounds						
16) Acetone	2.42	43	85229	49.027	ug/l	100
18) Methyl Acetate	2.75	43	651580	146.136	ug/l	99
20) Methylene Chloride	2.83	84	7580	2.107	ug/l #	90
25) 2-Butanone	4.63	43	48211	16.367	ug/l	100
43) Isopropyl Acetate	6.41	43	100732	10.814	ug/l	99
95) Naphthalene	13.82	128	35736	1.887	ug/l	98

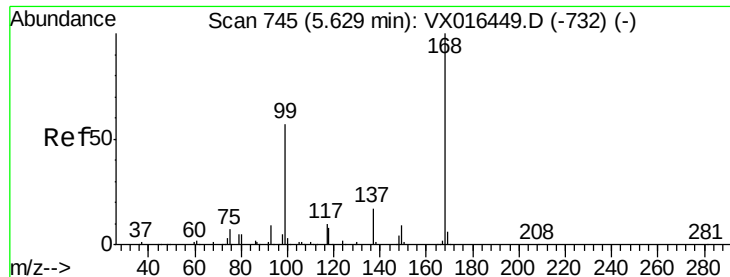
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 28 07:55:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016465.D

Acq: 27 May 2020 22:54

Instrument :

MSVOA_X

ClientSampleId :

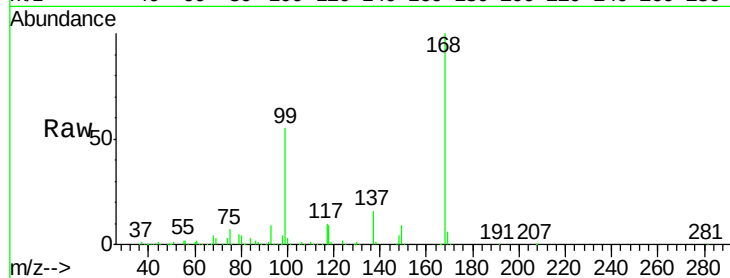
C0AP5

Tot Ion:168 Resp: 319509

Ion Ratio Lower Upper

168 100

99 54.9 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

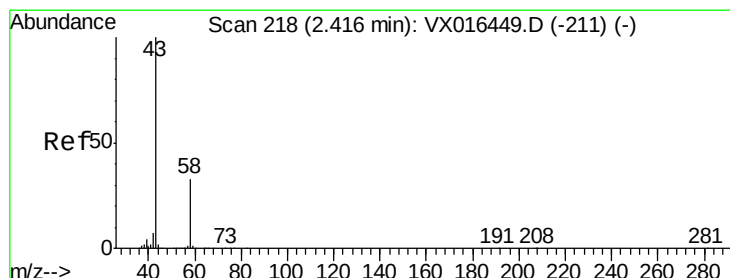
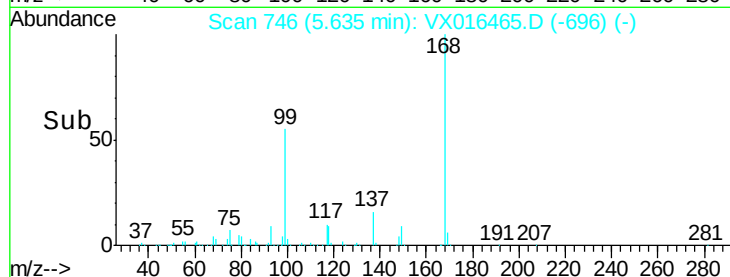
5.63

100000

50000

0

Time-->



#16

Acetone

Concen: 49.027 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016465.D

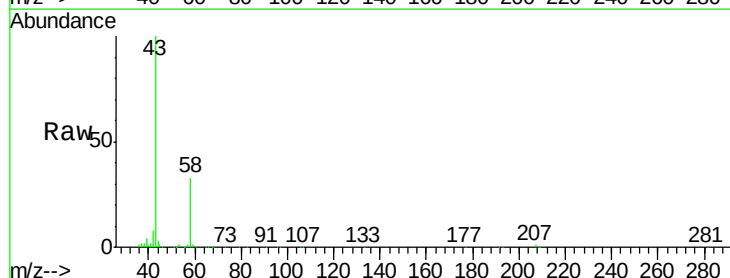
Acq: 27 May 2020 22:54

Tgt Ion: 43 Resp: 85229

Ion Ratio Lower Upper

43 100

58 32.5 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

60000

50000

40000

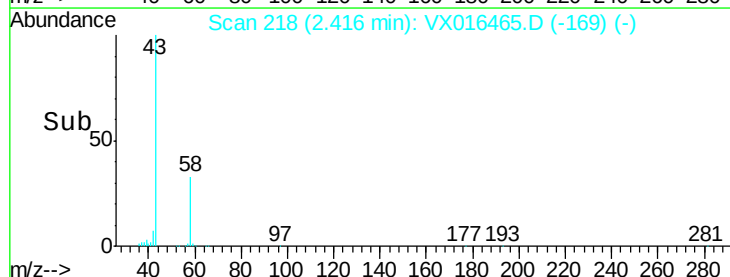
30000

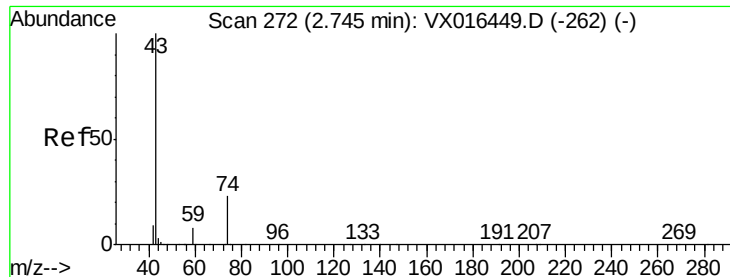
20000

10000

0

Time-->





#18

Methvl Acetate

Concen: 146.136 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX016465.D

Acq: 27 May 2020 22:54

Instrument :

MSVOA_X

ClientSampleId :

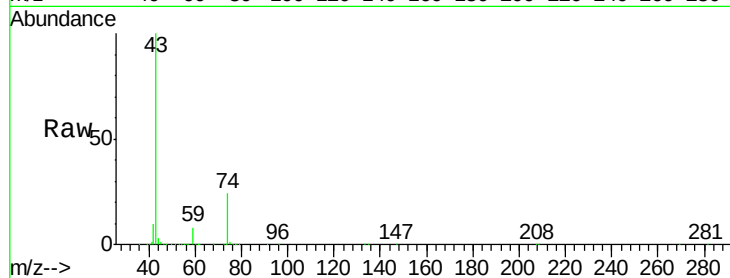
C0AP5

Tot Ion: 43 Resp: 651580

Ion Ratio Lower Upper

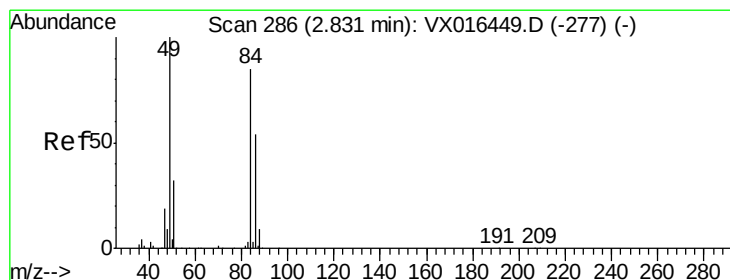
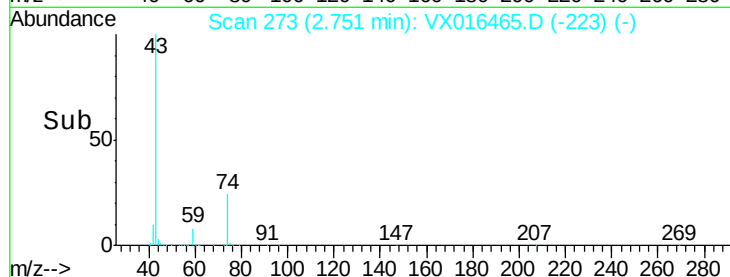
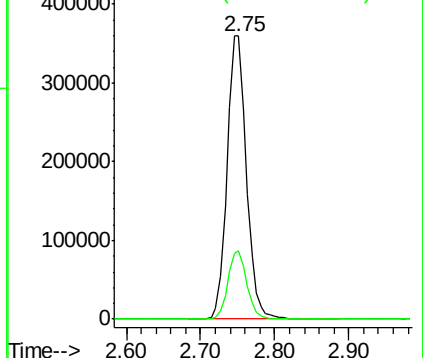
43 100

74 23.9 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 2.107 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX016465.D

Acq: 27 May 2020 22:54

Tgt Ion: 84 Resp: 7580

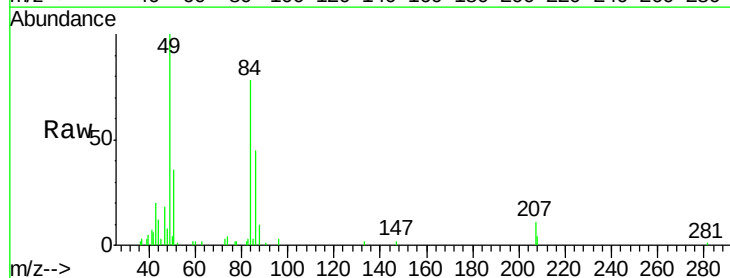
Ion Ratio Lower Upper

84 100

49 128.5 94.5 141.7

51 46.3 30.2 45.4#

86 58.3 51.1 76.7

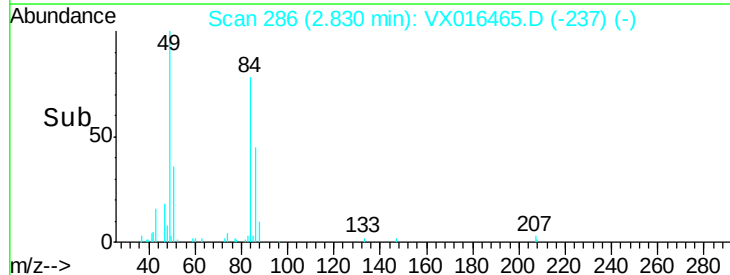
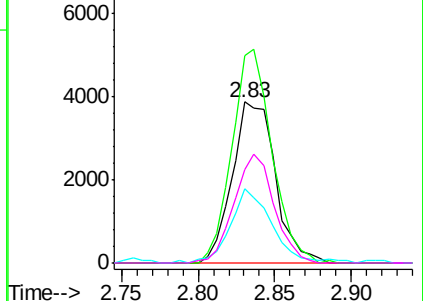


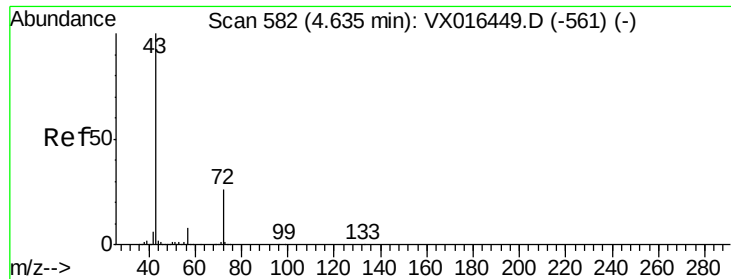
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#25

2-Butanone

Concen: 16.367 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016465.D

Acq: 27 May 2020 22:54

Instrument :

MSVOA_X

ClientSampleId :

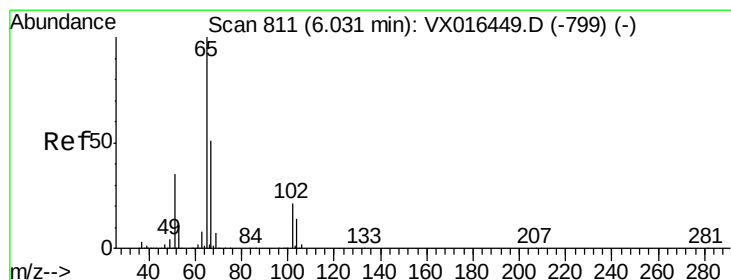
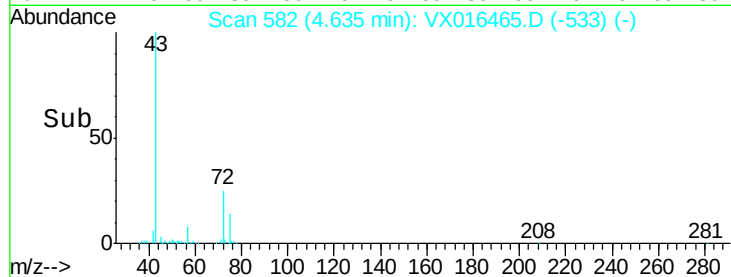
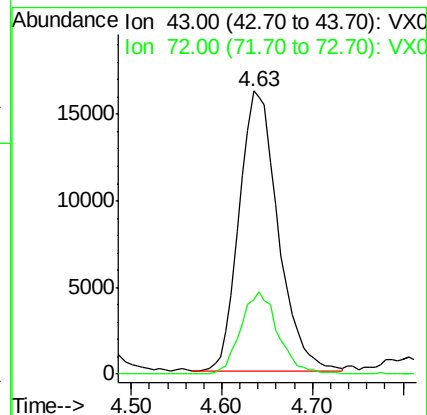
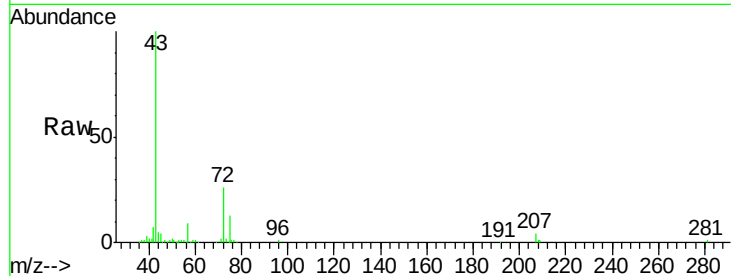
C0AP5

Tot Ion: 43 Resp: 48211

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.6



#33

1,2-Dichloroethane-d4

Concen: 47.623 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016465.D

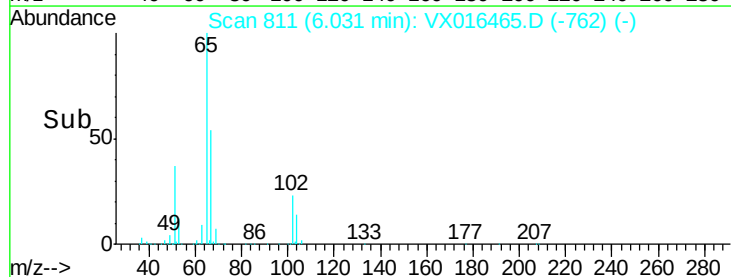
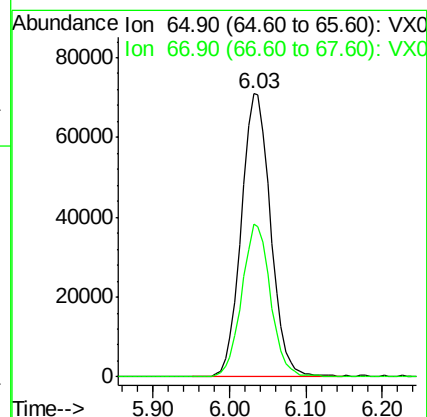
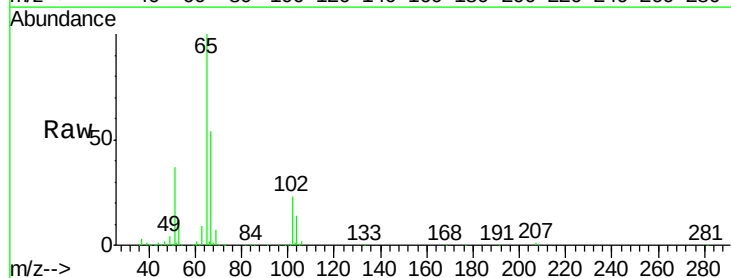
Acq: 27 May 2020 22:54

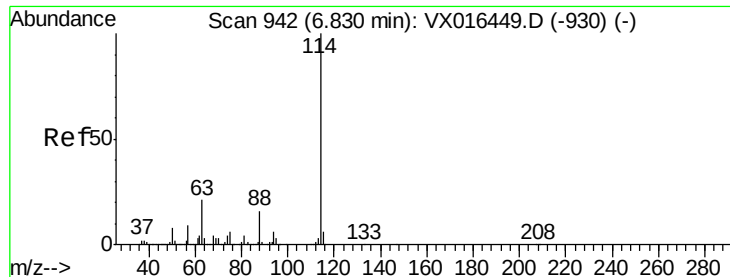
Tgt Ion: 65 Resp: 188961

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016465.D

Acq: 27 May 2020 22:54

Instrument :

MSVOA_X

ClientSampleId :

C0AP5

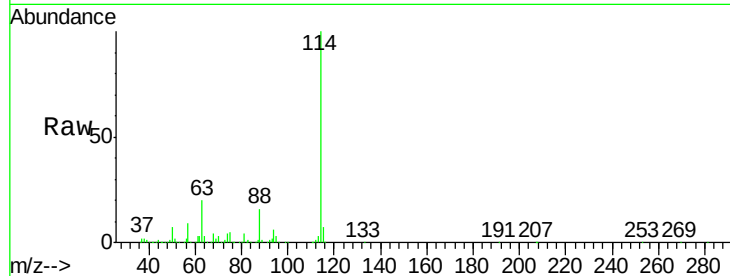
Tot Ion:114 Resp: 525378

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

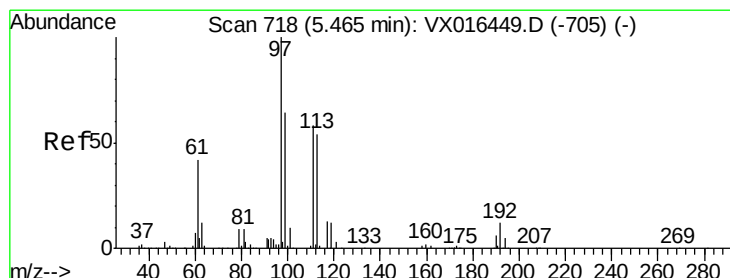
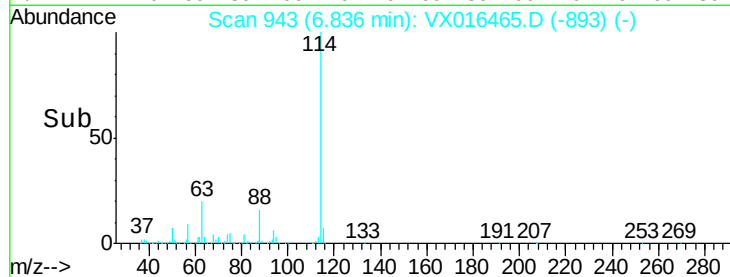
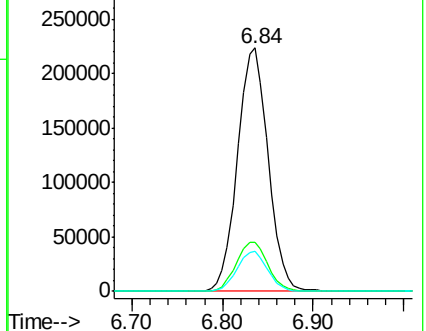
88 16.4 0.0 32.8



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: 47.153 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016465.D

Acq: 27 May 2020 22:54

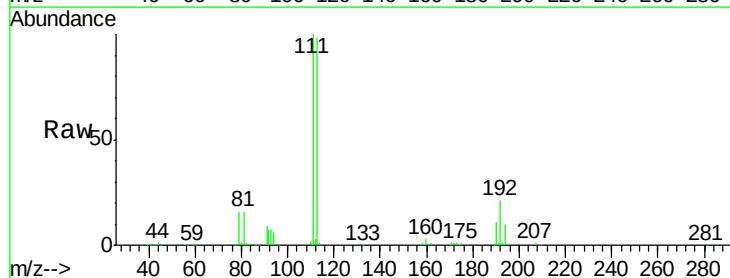
Tgt Ion:113 Resp: 152540

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.6

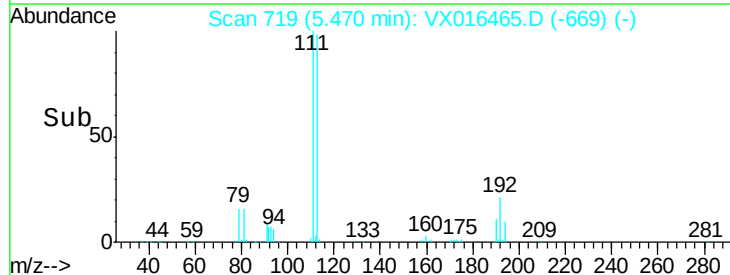
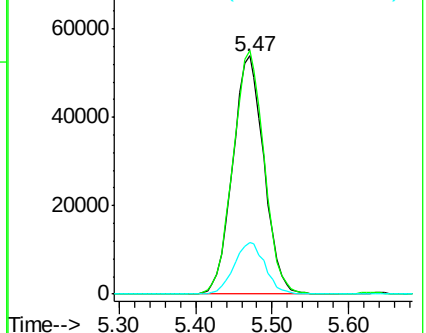
192 21.5 17.7 26.5

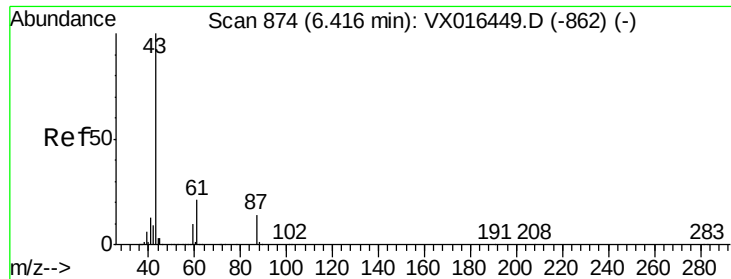


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.814 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016465.D

Acq: 27 May 2020 22:54

Instrument :

MSVOA_X

ClientSampleId :

C0AP5

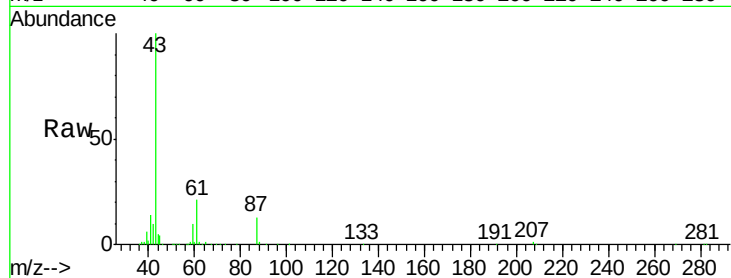
Tot Ion: 43 Resp: 100732

Ion Ratio Lower Upper

43 100

61 21.5 16.8 25.2

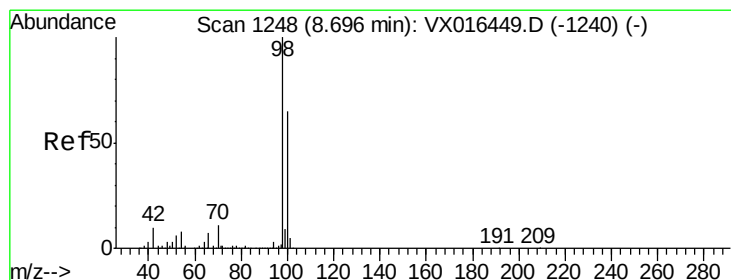
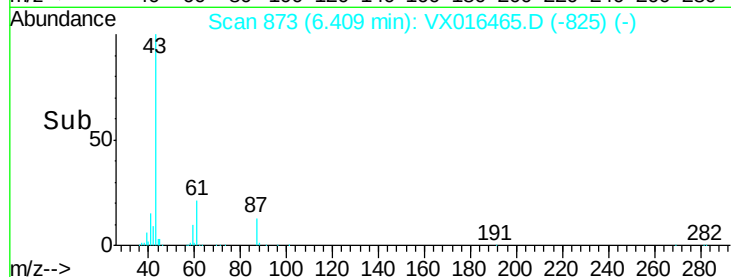
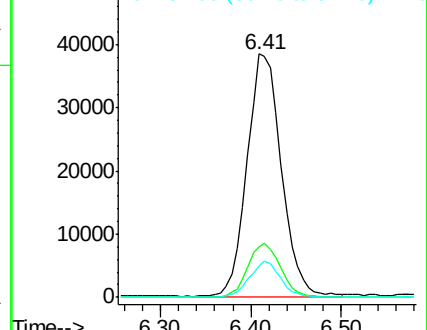
87 13.5 11.2 16.8



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: 51.831 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016465.D

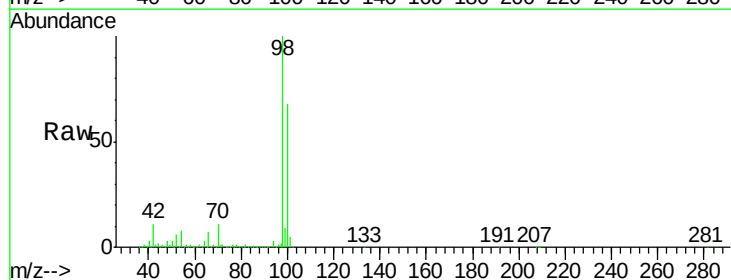
Acq: 27 May 2020 22:54

Tgt Ion: 98 Resp: 652623

Ion Ratio Lower Upper

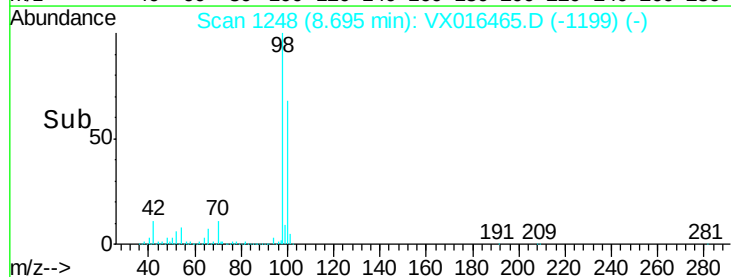
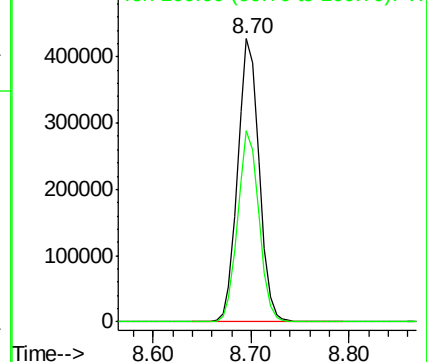
98 100

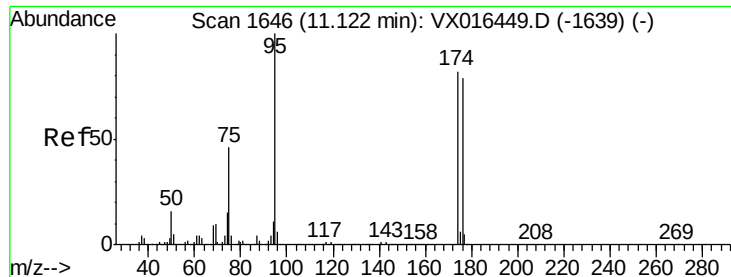
100 66.6 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 55.858 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016465.D

Acq: 27 May 2020 22:54

Instrument :

MSVOA_X

ClientSampleId :

C0AP5

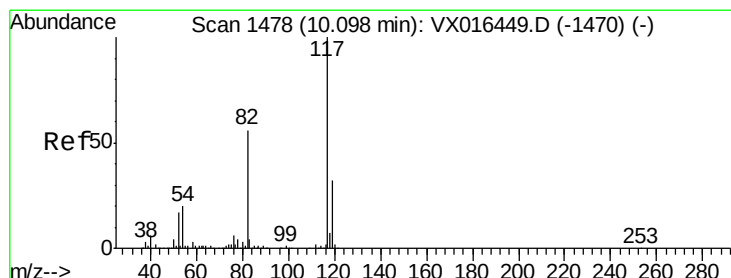
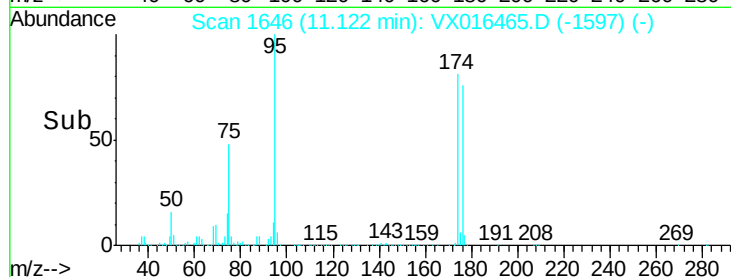
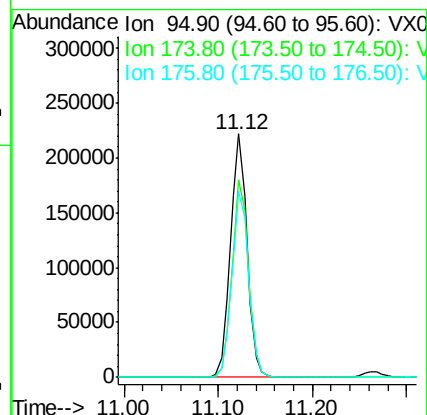
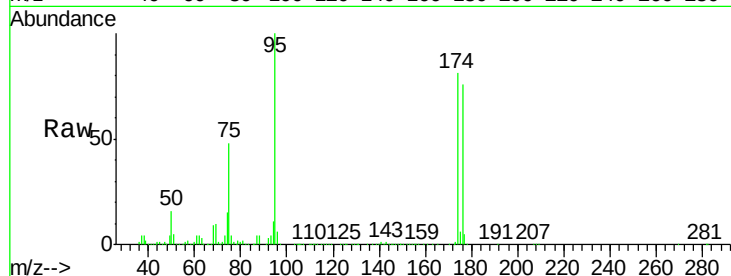
Tot Ion: 95 Resp: 271764

Ion Ratio Lower Upper

95 100

174 80.9 0.0 163.0

176 77.2 0.0 156.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016465.D

Acq: 27 May 2020 22:54

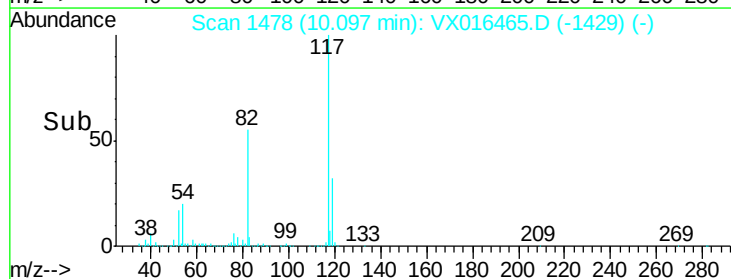
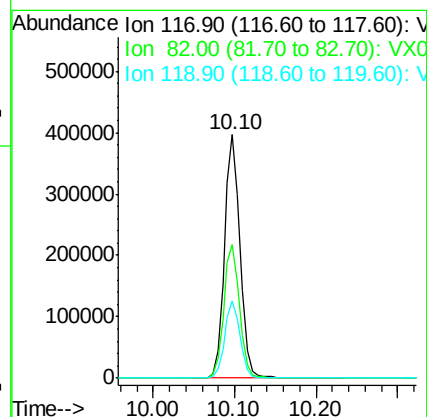
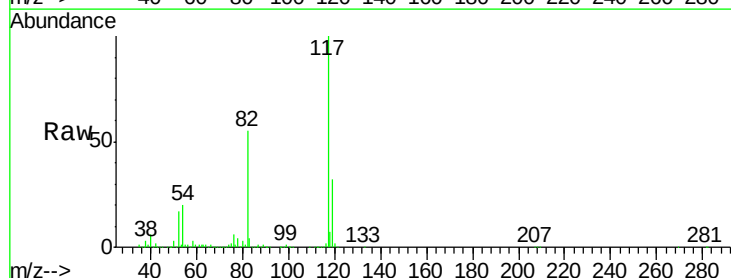
Tgt Ion: 117 Resp: 526369

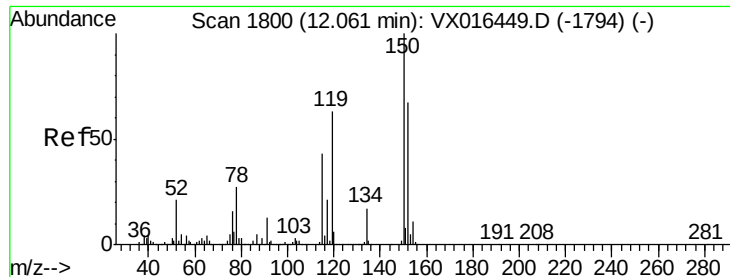
Ion Ratio Lower Upper

117 100

82 55.0 45.0 67.6

119 31.8 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016465.D

Acq: 27 May 2020 22:54

Instrument :

MSVOA_X

ClientSampleId :

C0AP5

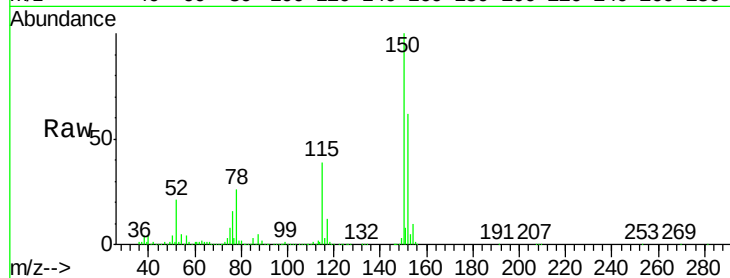
Tot Ion:152 Resp: 272698

Ion Ratio Lower Upper

152 100

115 59.5 39.9 119.6

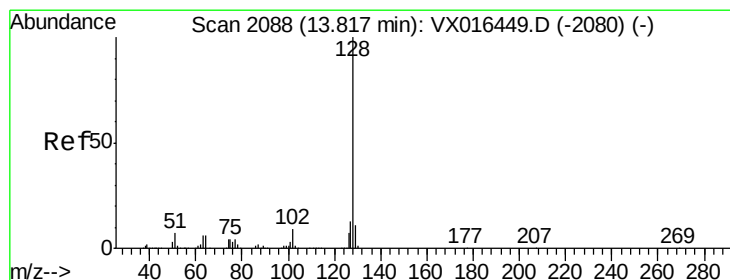
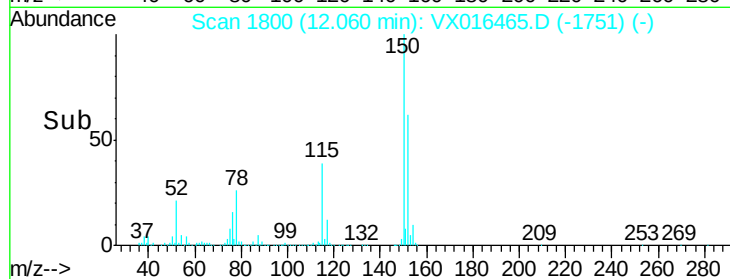
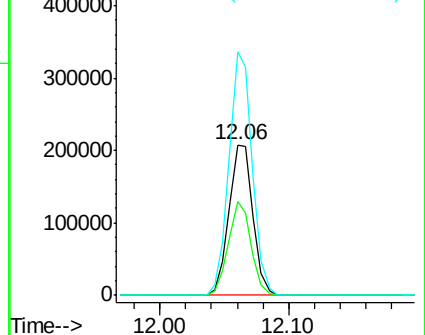
150 157.0 0.0 341.0



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: 1.887 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016465.D

Acq: 27 May 2020 22:54

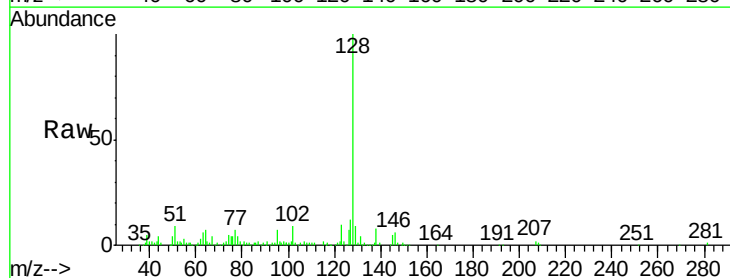
Tgt Ion:128 Resp: 35736

Ion Ratio Lower Upper

128 100

127 13.8 10.6 15.8

129 11.7 8.6 13.0



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

