

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
 Data File : VX003387.D
 Acq On : 14 Jul 2018 02:53
 Operator : JC/MD
 Sample : J3975-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-6

Quant Time: Jul 14 03:55:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

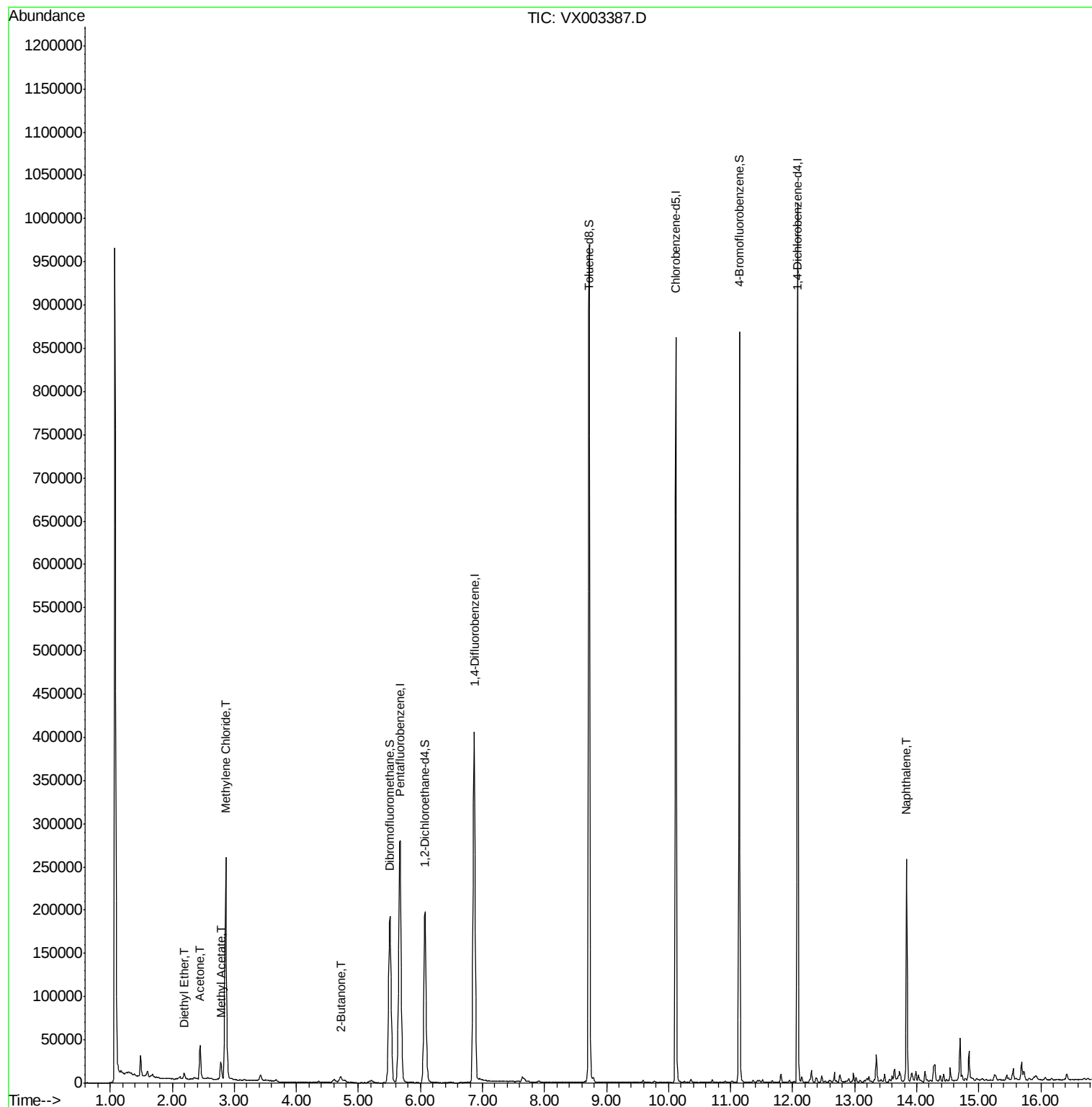
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	418975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	386109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	186722	58.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.66%	
35) Dibromofluoromethane	5.51	113	168683	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
50) Toluene-d8	8.72	98	589230	58.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.08%	
62) 4-Bromofluorobenzene	11.14	95	210382	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
Target Compounds						
8) Diethyl Ether	2.19	74	2527	1.05	ug/l	99
16) Acetone	2.45	43	42634	26.09	ug/l	92
18) Methyl Acetate	2.78	43	24860	4.90	ug/l	94
20) Methylene Chloride	2.86	84	121132	34.41	ug/l	86
25) 2-Butanone	4.71	43	12041	4.75	ug/l	95
95) Naphthalene	13.83	128	159925	10.82	ug/l	100

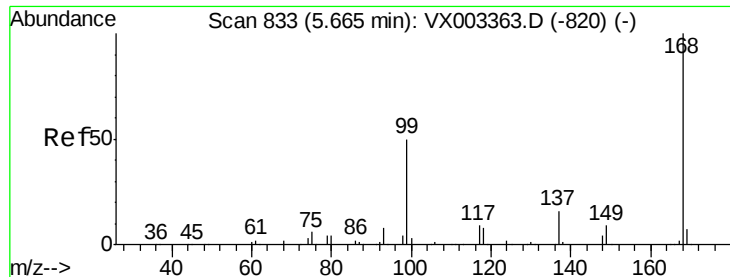
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003387.D

Acq: 14 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

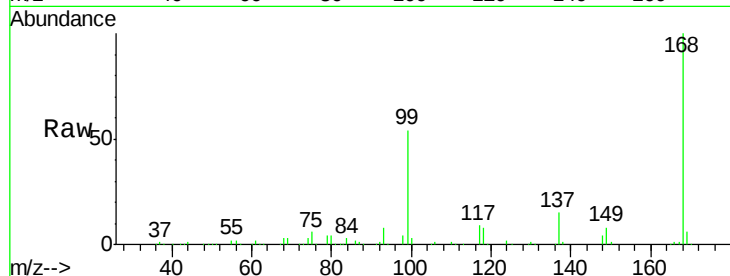
PAR-6

Tot Ion:168 Resp: 291130

Ion Ratio Lower Upper

168 100

99 53.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

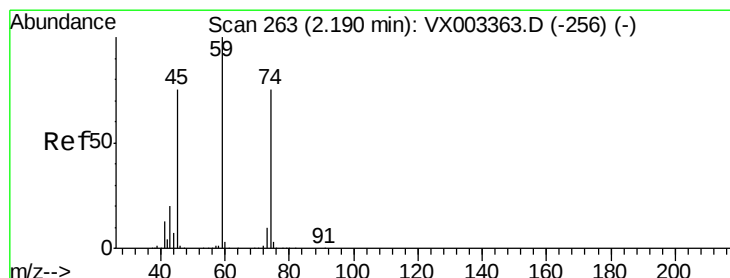
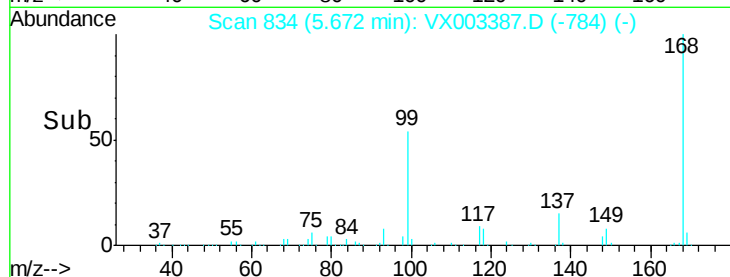
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.05 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003387.D

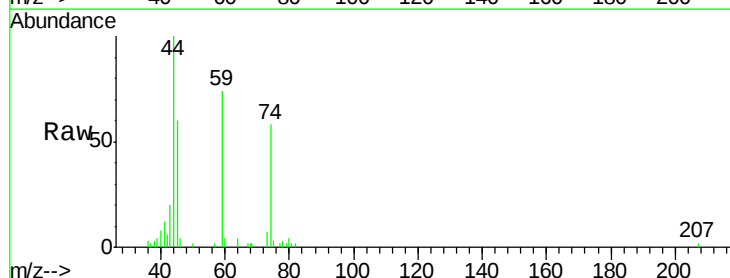
Acq: 14 Jul 2018 02:53

Tgt Ion: 74 Resp: 2527

Ion Ratio Lower Upper

74 100

45 104.8 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

2000

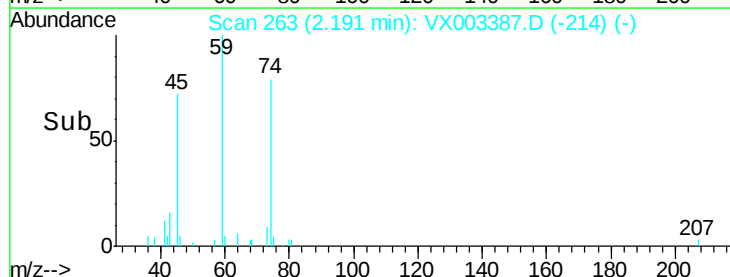
1500

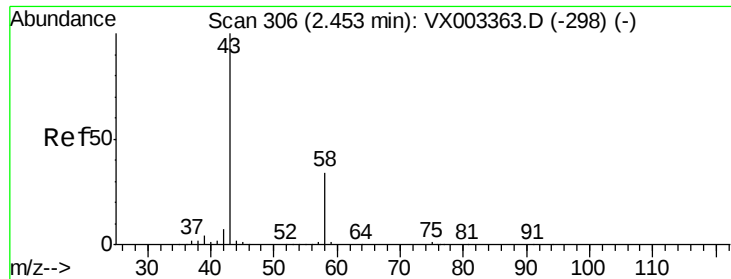
1000

500

0

Time--> 2.15 2.20 2.25





#16

Acetone

Concen: 26.09 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003387.D

Acq: 14 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampled :

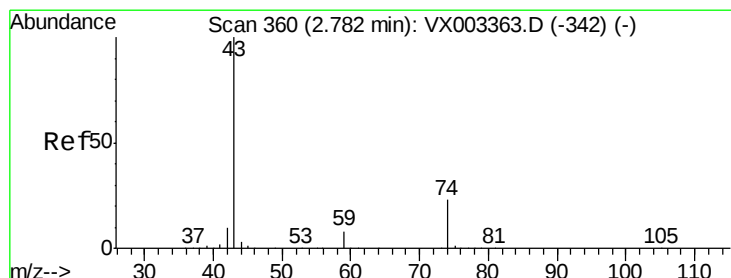
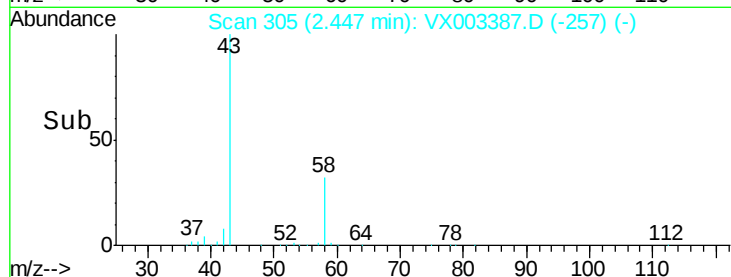
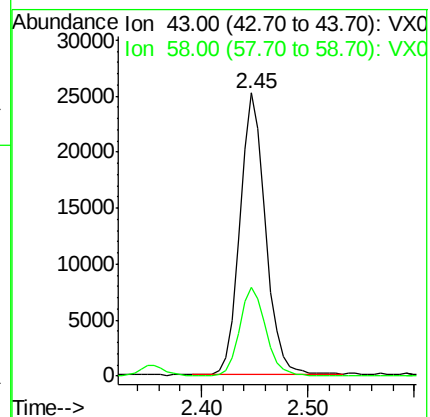
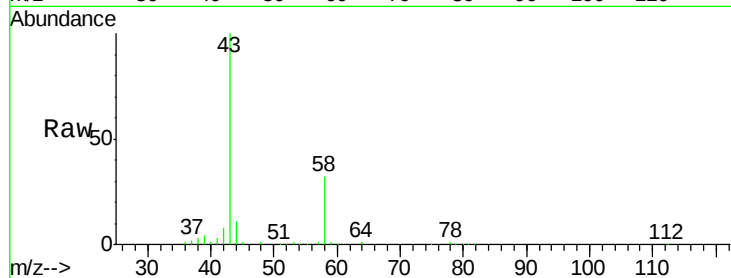
PAR-6

Tot Ion: 43 Resp: 42634

Ion Ratio Lower Upper

43 100

58 31.7 22.1 33.1



#18

Methyl Acetate

Concen: 4.90 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003387.D

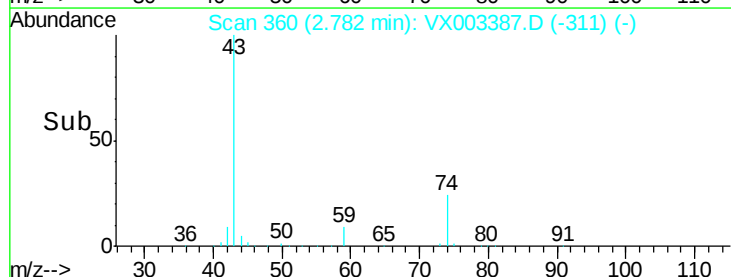
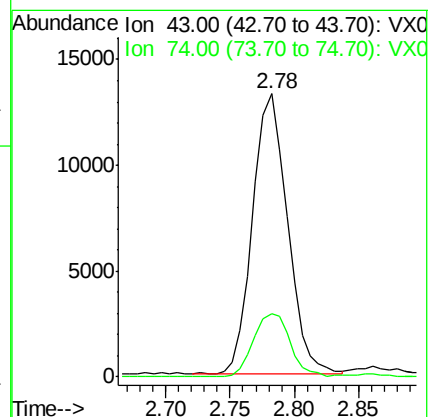
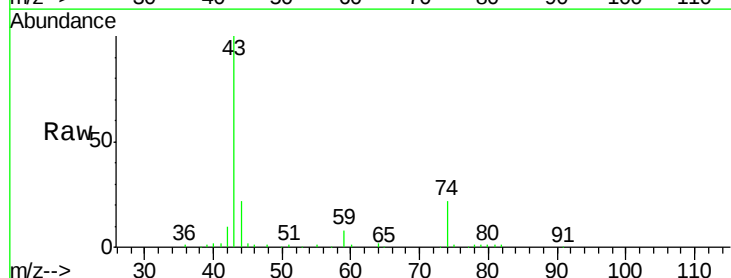
Acq: 14 Jul 2018 02:53

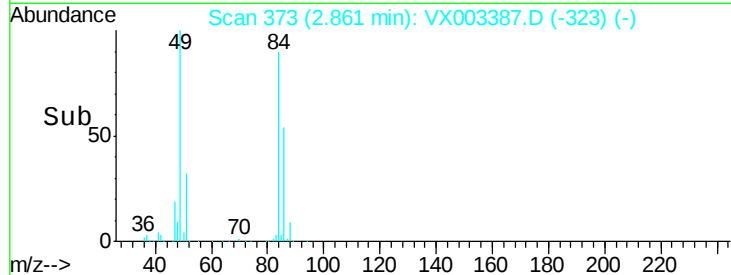
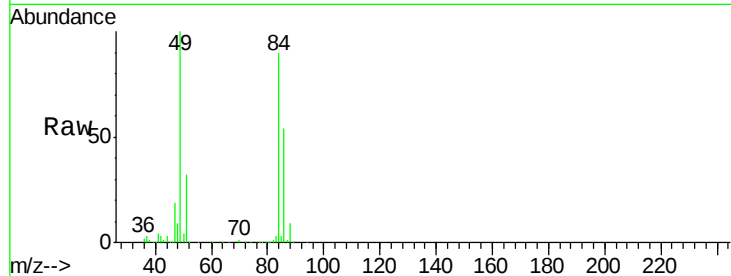
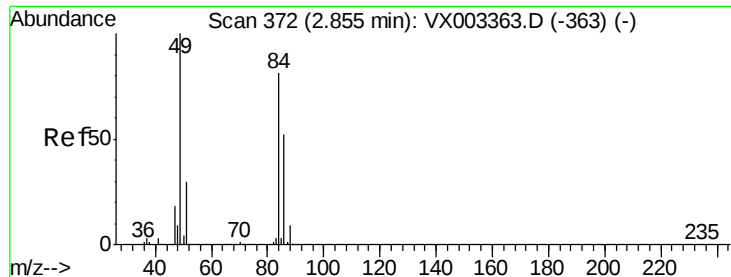
Tgt Ion: 43 Resp: 24860

Ion Ratio Lower Upper

43 100

74 23.7 16.7 25.1

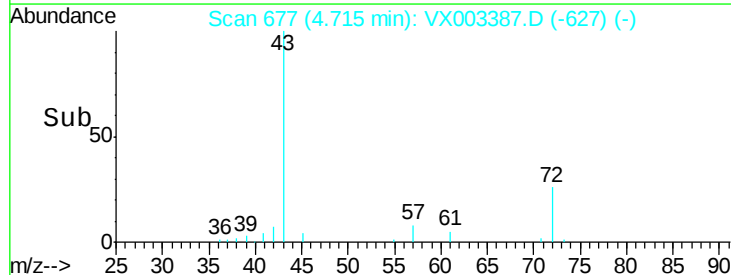
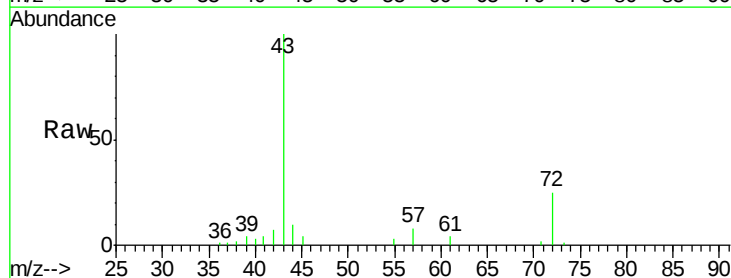
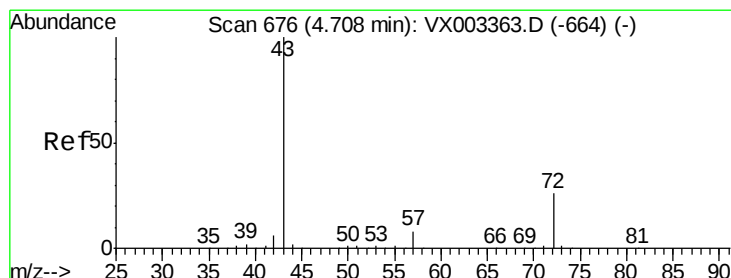
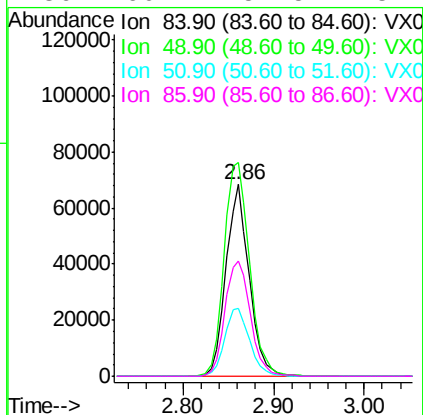




#20
Methylene Chloride
Concen: 34.41 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003387.D
Acq: 14 Jul 2018 02:53

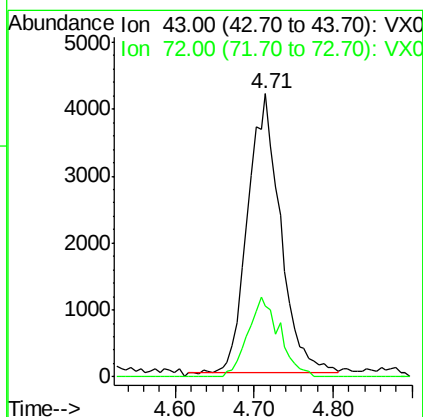
Instrument :
MSVOA_X
ClientSampleId :
PAR-6

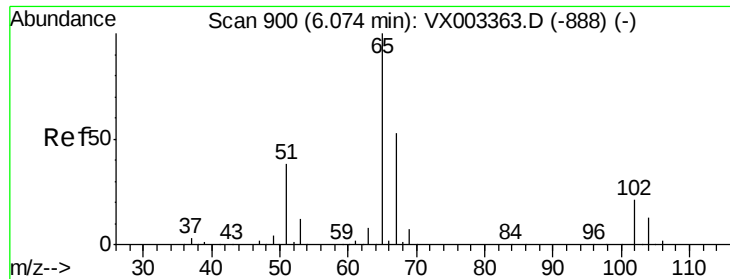
Tot Ion:	84	Resp:	121132
Ion	Ratio	Lower	Upper
84	100		
49	111.5	107.8	161.6
51	35.3	32.8	49.2
86	60.1	52.5	78.7



#25
2-Butanone
Concen: 4.75 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003387.D
Acq: 14 Jul 2018 02:53

Tgt Ion:	43	Resp:	12041
Ion	Ratio	Lower	Upper
43	100		
72	25.6	18.5	27.7

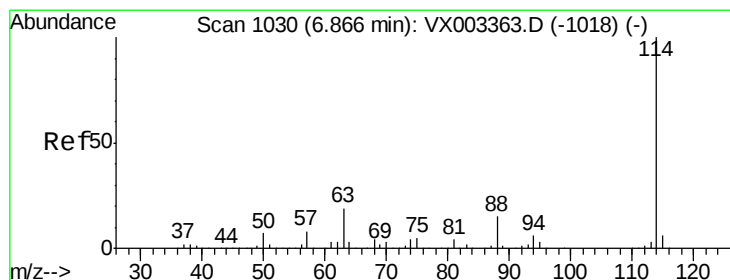
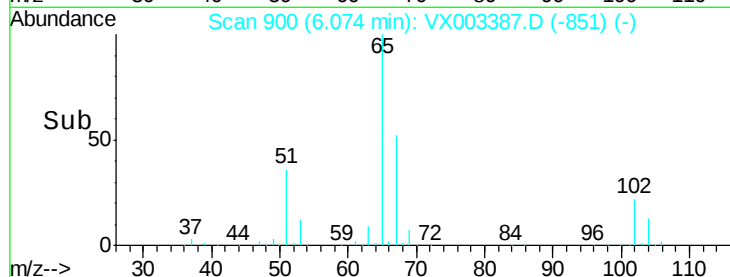
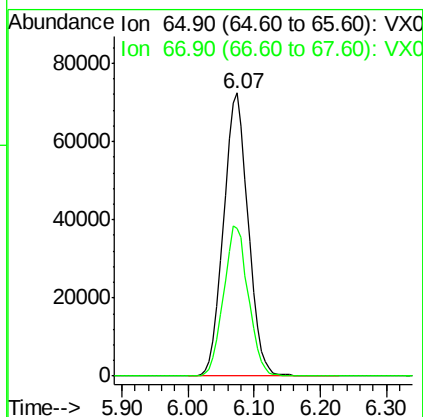
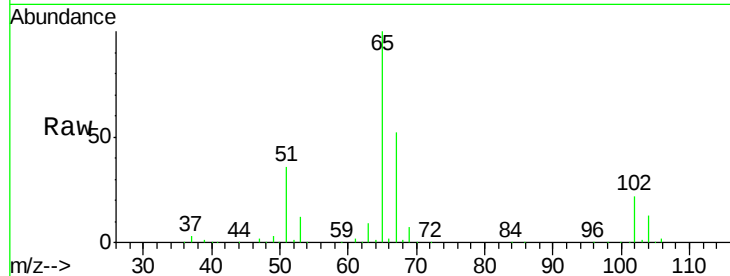




#33
 1,2-Dichloroethane-d4
 Concen: 58.83 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003387.D
 Acq: 14 Jul 2018 02:53

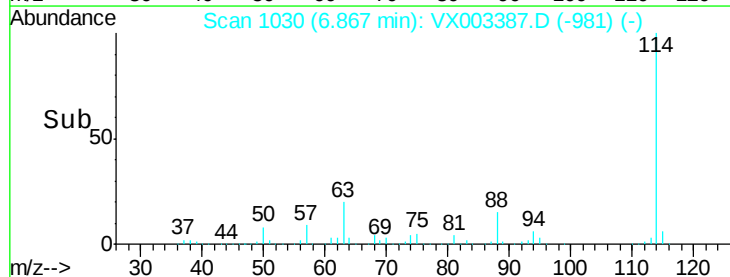
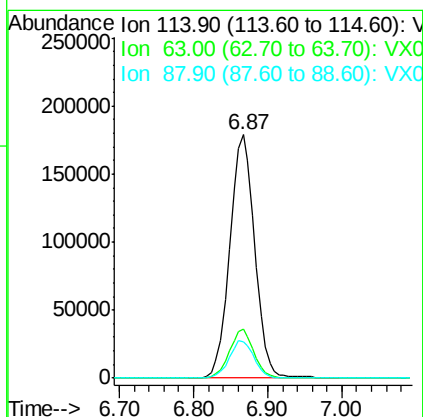
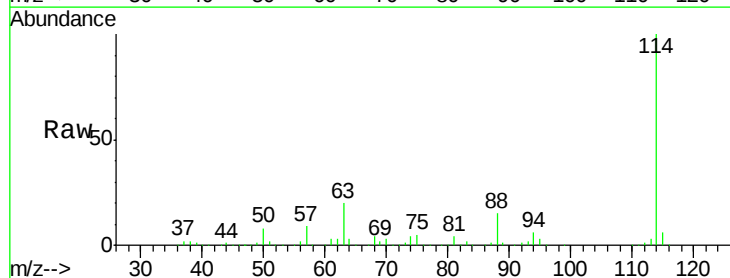
Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-6

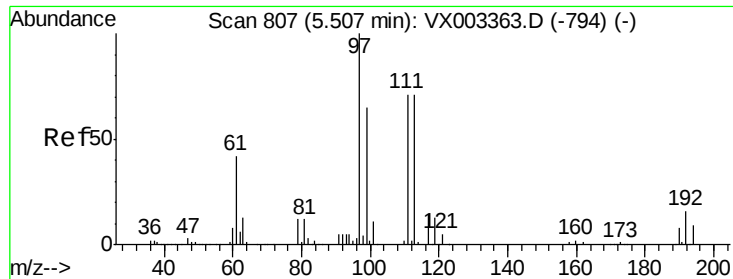
Tot Ion: 65 Resp: 186722
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003387.D
 Acq: 14 Jul 2018 02:53

Tgt Ion: 114 Resp: 418975
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.0 0.0 30.0

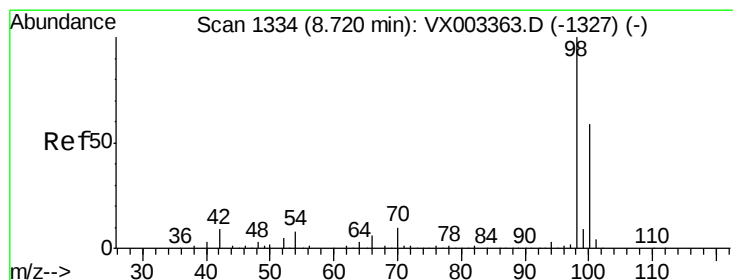
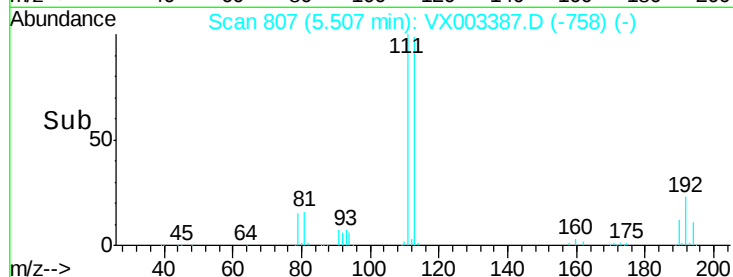
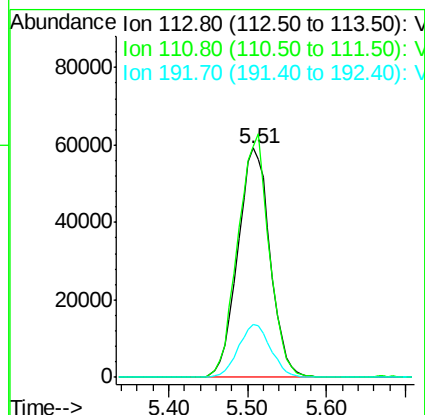
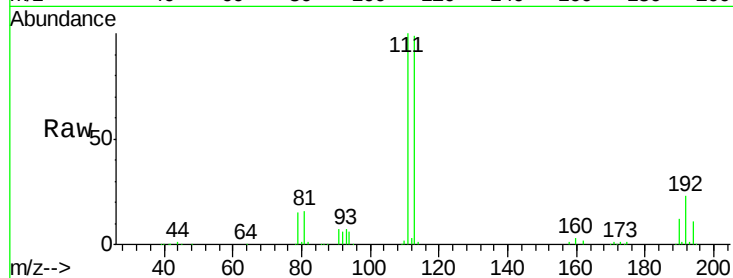




#35
Dibromofluoromethane
Concen: 54.70 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003387.D
Acq: 14 Jul 2018 02:53

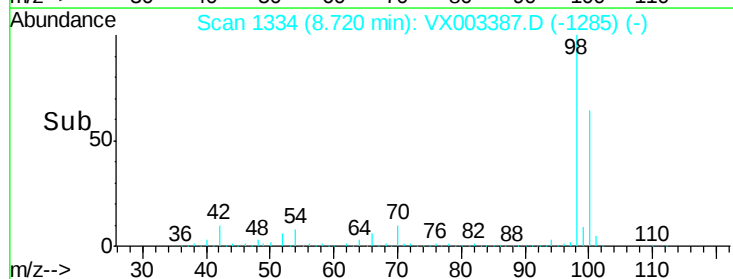
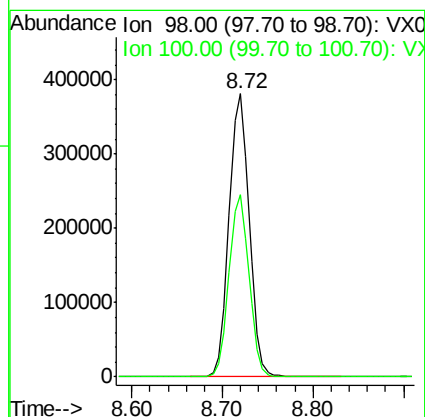
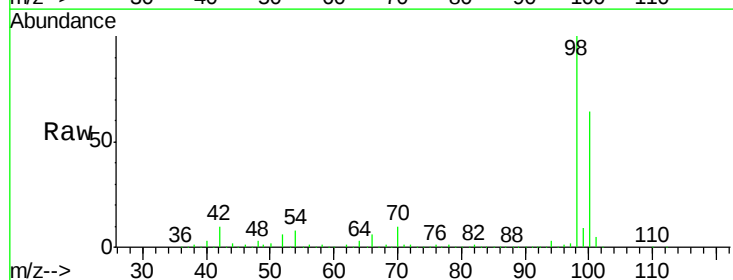
Instrument :
MSVOA_X
ClientSampleId :
PAR-6

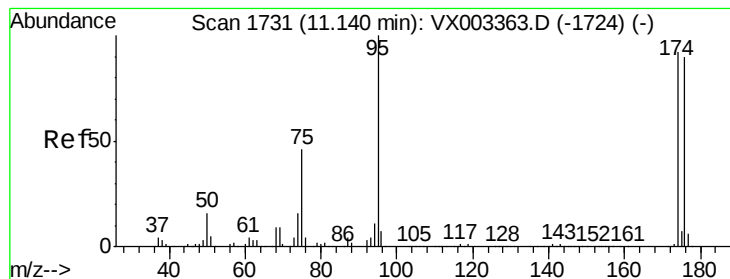
Tot Ion:113 Resp: 168683
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 23.1 19.1 28.7



#50
Toluene-d8
Concen: 58.54 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003387.D
Acq: 14 Jul 2018 02:53

Tgt Ion: 98 Resp: 589230
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 48.99 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003387.D

Acq: 14 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

PAR-6

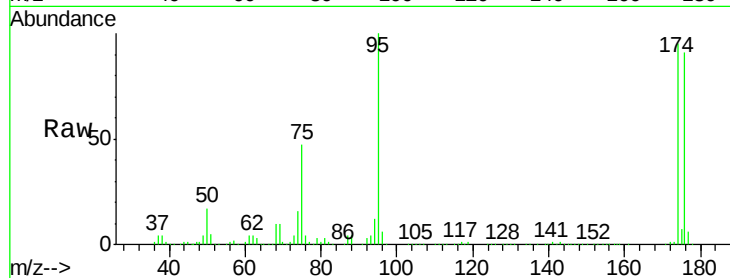
Tot Ion: 95 Resp: 210382

Ion Ratio Lower Upper

95 100

174 94.4 0.0 187.4

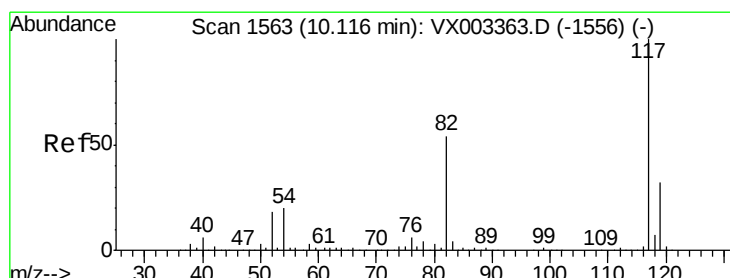
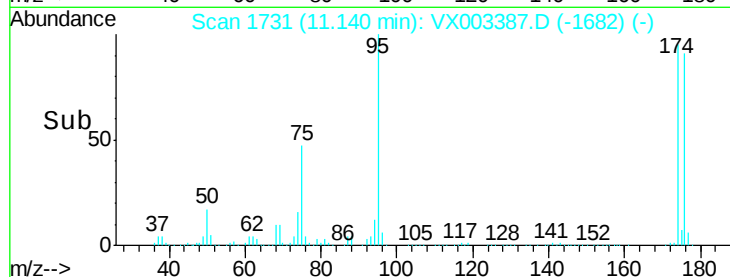
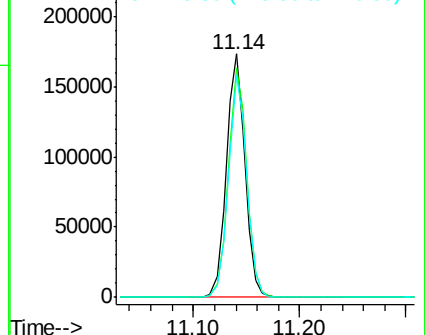
176 90.6 0.0 181.0



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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003387.D

Acq: 14 Jul 2018 02:53

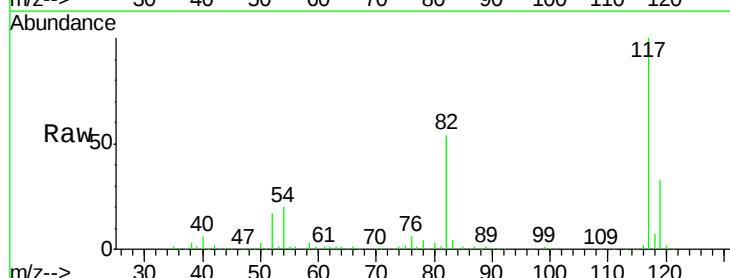
Tgt Ion: 117 Resp: 386109

Ion Ratio Lower Upper

117 100

82 53.8 45.0 67.4

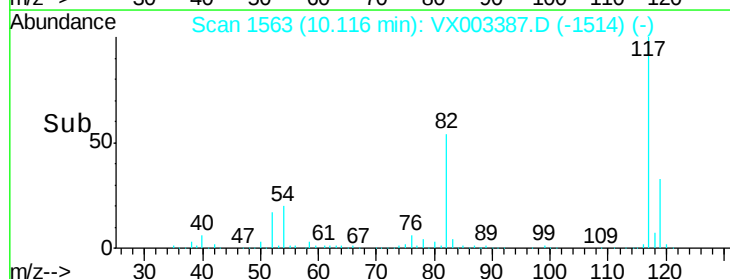
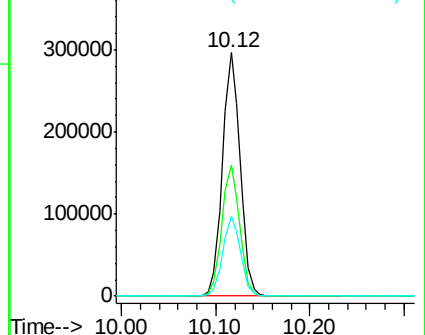
119 32.9 25.8 38.6

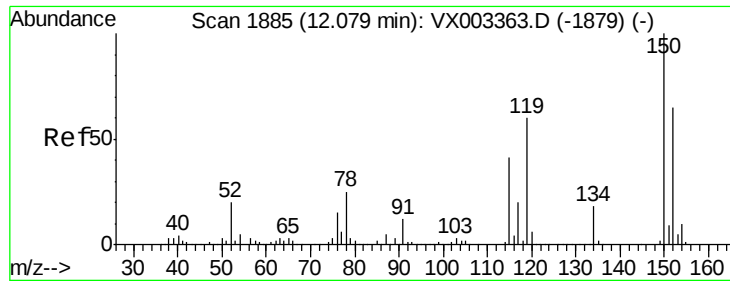


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003387.D

Acq: 14 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

PAR-6

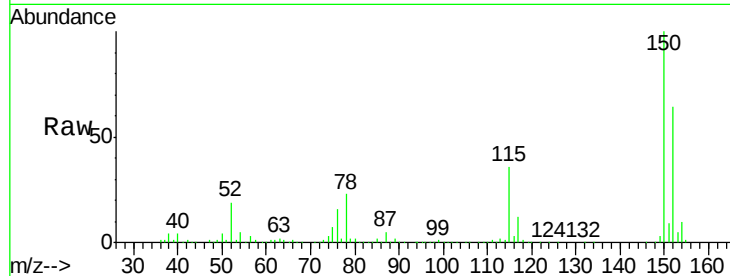
Tot Ion:152 Resp: 211251

Ion Ratio Lower Upper

152 100

115 54.6 40.1 120.2

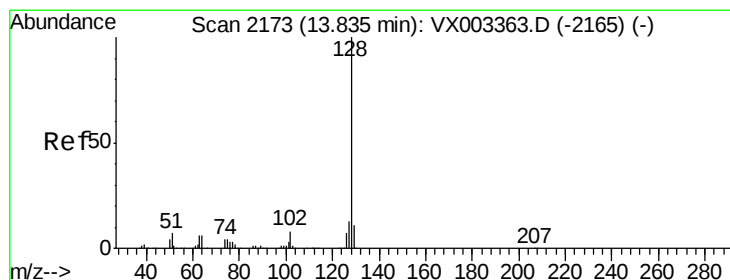
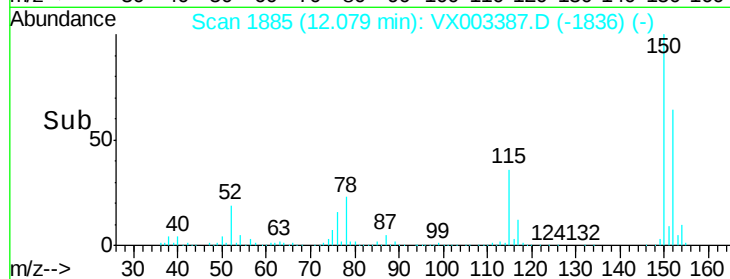
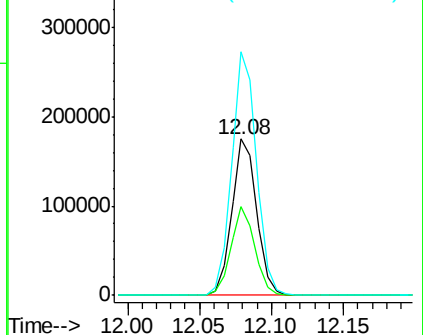
150 155.6 0.0 347.2



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: 10.82 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003387.D

Acq: 14 Jul 2018 02:53

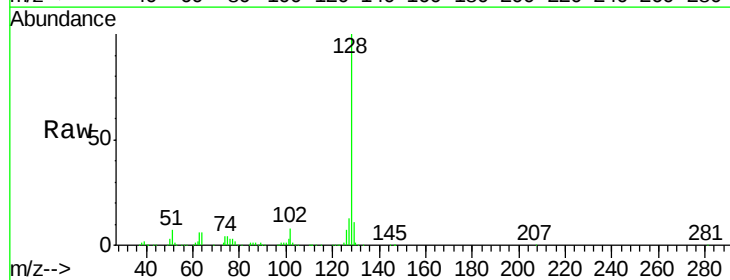
Tgt Ion:128 Resp: 159925

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.1 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

