

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005644.D
 Acq On : 27 Oct 2018 09:34
 Operator : JC/MD
 Sample : J5204-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-01-102518-A

Quant Time: Oct 29 02:17:12 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

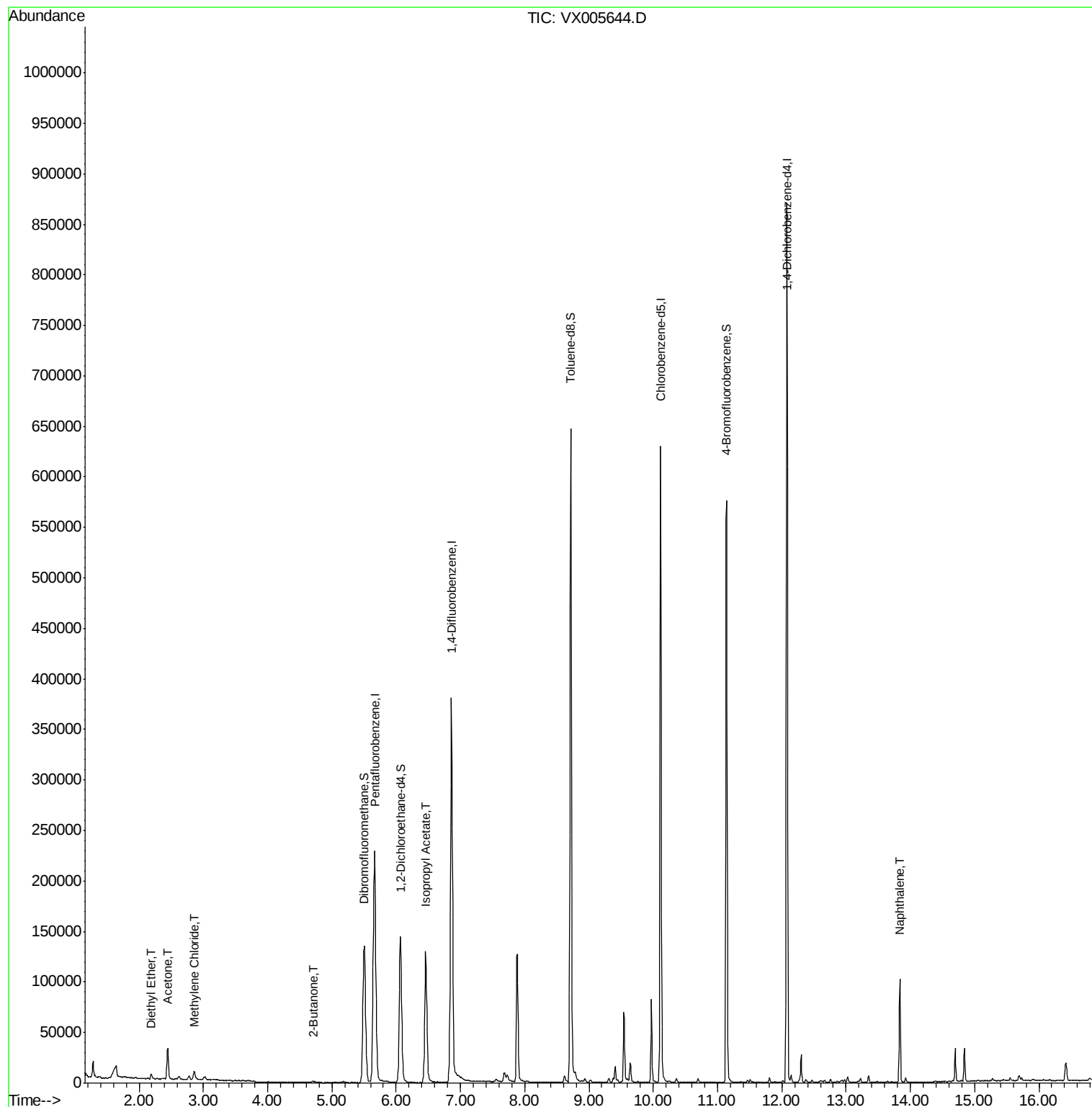
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	143372	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
35) Dibromofluoromethane	5.49	113	119924	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	8.71	98	397152	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
62) 4-Bromofluorobenzene	11.13	95	156823	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
Target Compounds						
8) Diethyl Ether	2.19	74	1598	1.018	ug/l	92
16) Acetone	2.45	43	31990	21.652	ug/l	99
20) Methylene Chloride	2.86	84	3671	1.484	ug/l	93
25) 2-Butanone	4.71	43	2770	1.231	ug/l #	78
43) Isopropyl Acetate	6.46	43	160270	23.820	ug/l	99
95) Naphthalene	13.83	128	63600	5.247	ug/l	99

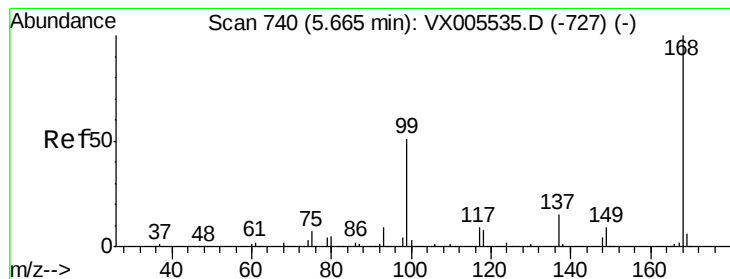
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102618\
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MSVOA_X
ClientSampled :
SU-01-102518-A

Quant Time: Oct 29 02:17:12 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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005644.D

Acq: 27 Oct 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

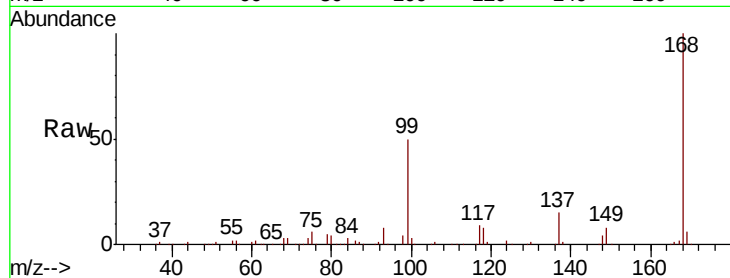
SU-01-102518-A

Tot Ion:168 Resp: 229048

Ion Ratio Lower Upper

168 100

99 50.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

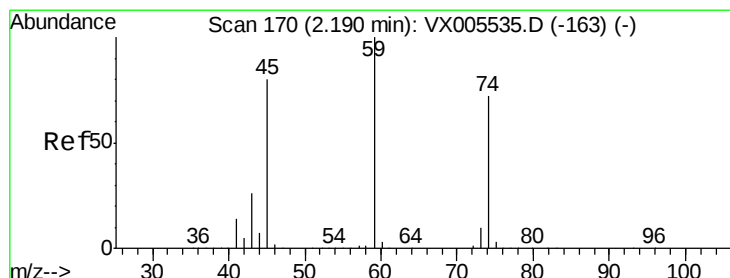
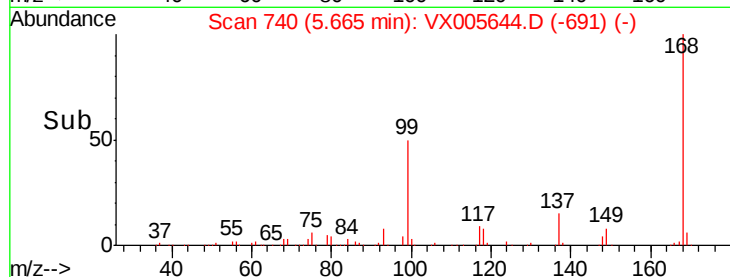
40000

20000

0

5.60 5.70 5.80

Time-->



#8

Diethyl Ether

Concen: 1.018 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005644.D

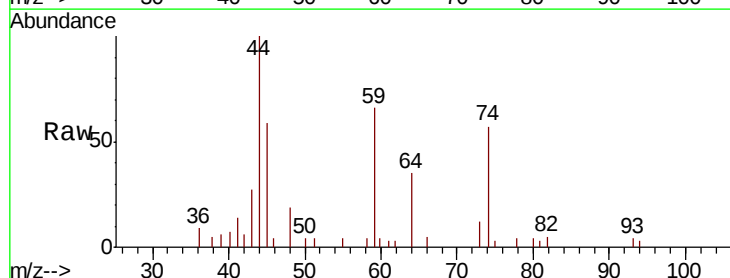
Acq: 27 Oct 2018 09:34

Tgt Ion: 74 Resp: 1598

Ion Ratio Lower Upper

74 100

45 100.3 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

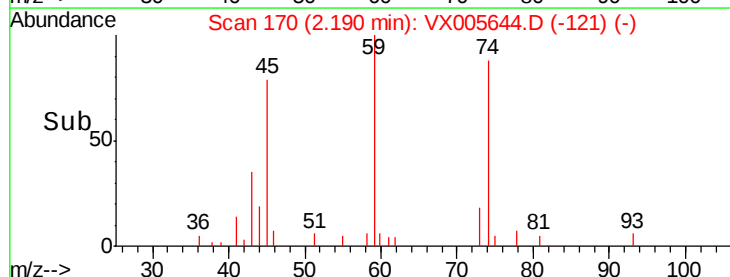
1000

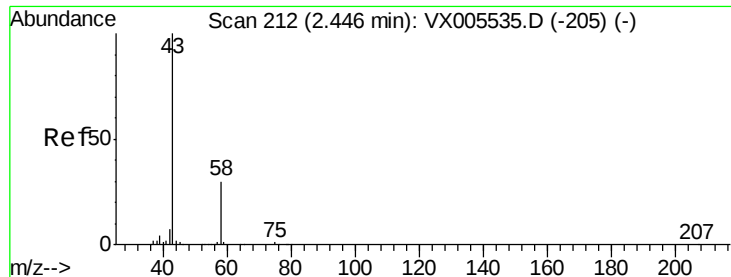
500

0

2.15 2.20 2.25

Time-->





#16

Acetone

Concen: 21.652 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005644.D

Acq: 27 Oct 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

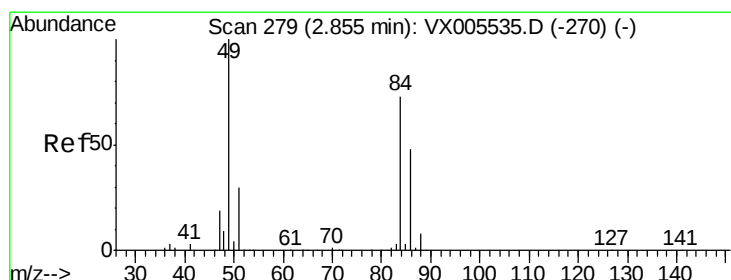
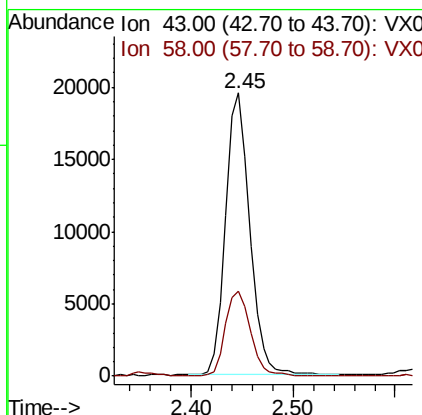
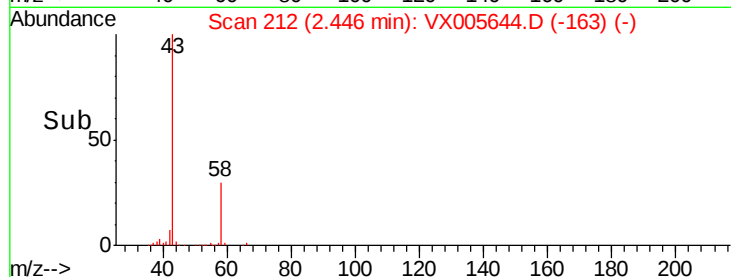
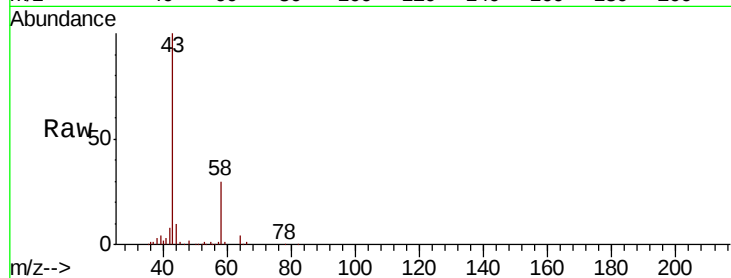
SU-01-102518-A

Tot Ion: 43 Resp: 31990

Ion Ratio Lower Upper

43 100

58 30.1 23.8 35.6



#20

Methylene Chloride

Concen: 1.484 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005644.D

Acq: 27 Oct 2018 09:34

Tgt Ion: 84 Resp: 3671

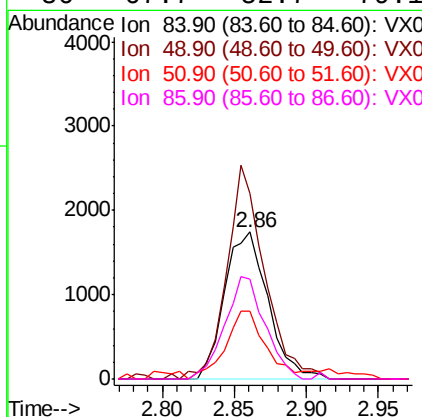
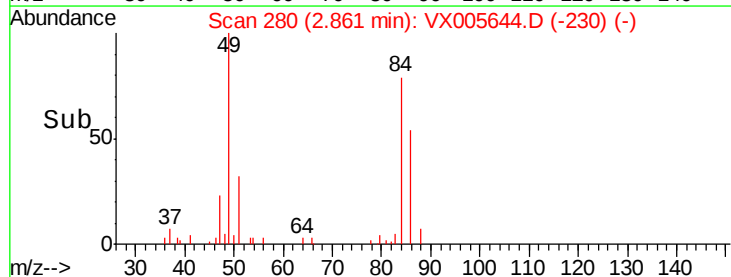
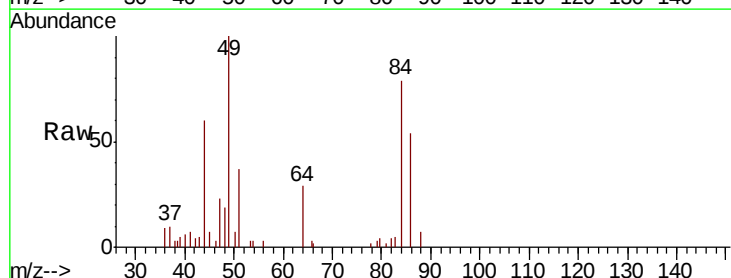
Ion Ratio Lower Upper

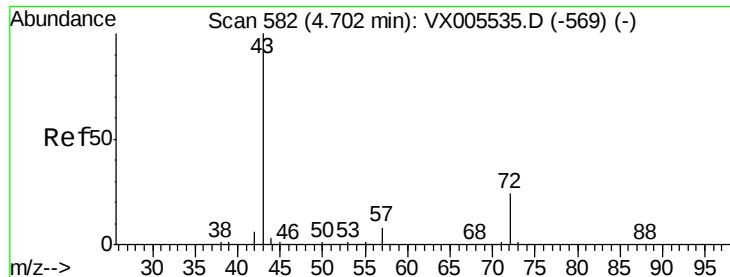
84 100

49 126.2 109.5 164.3

51 46.6 33.3 49.9

86 67.7 52.7 79.1





#25

2-Butanone

Concen: 1.231 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX005644.D

Acq: 27 Oct 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

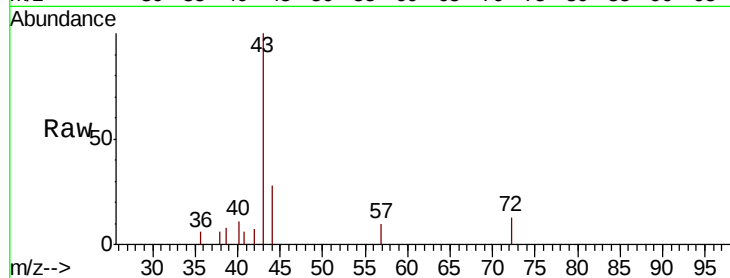
SU-01-102518-A

Tot Ion: 43 Resp: 2770

Ion Ratio Lower Upper

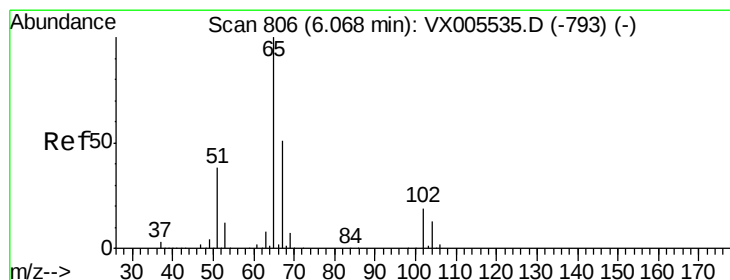
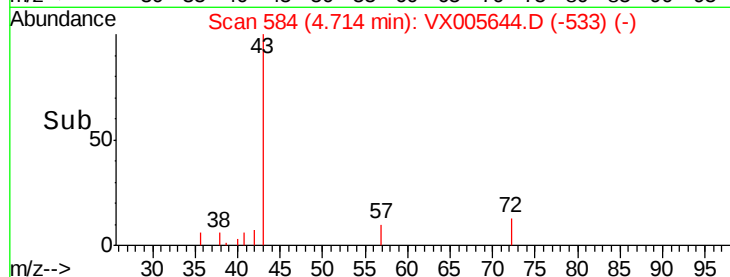
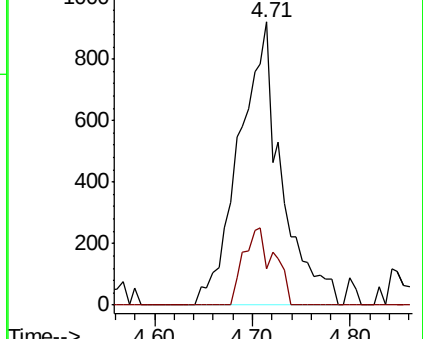
43 100

72 13.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.278 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005644.D

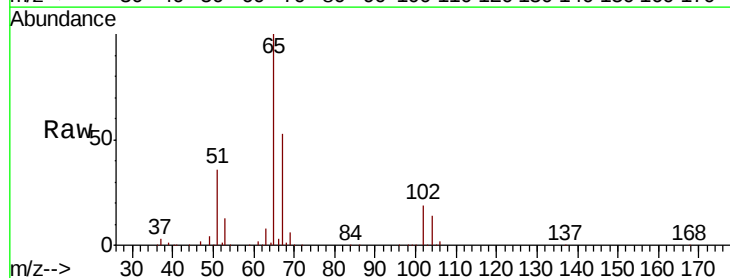
Acq: 27 Oct 2018 09:34

Tgt Ion: 65 Resp: 143372

Ion Ratio Lower Upper

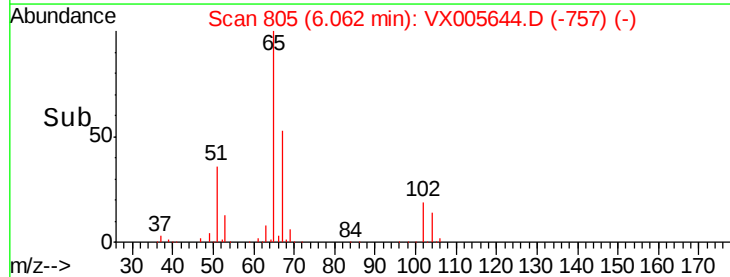
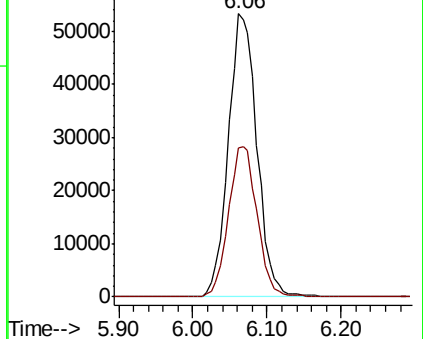
65 100

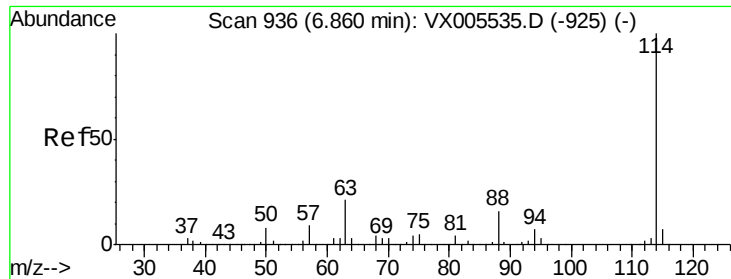
67 53.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

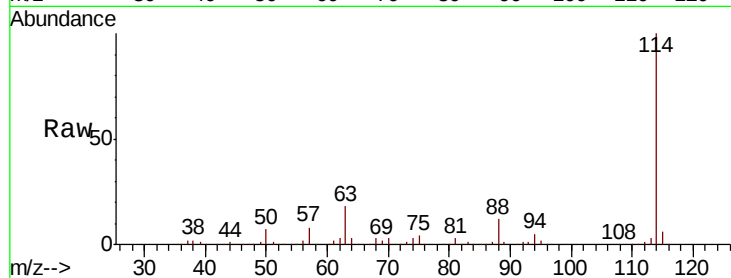




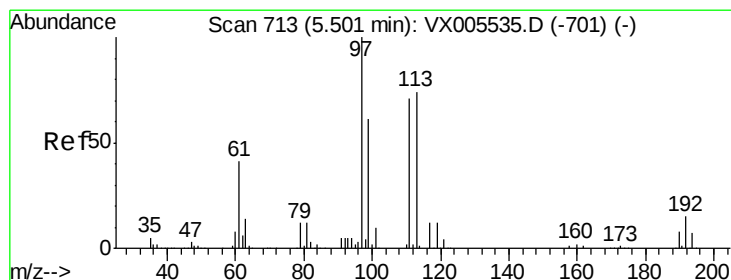
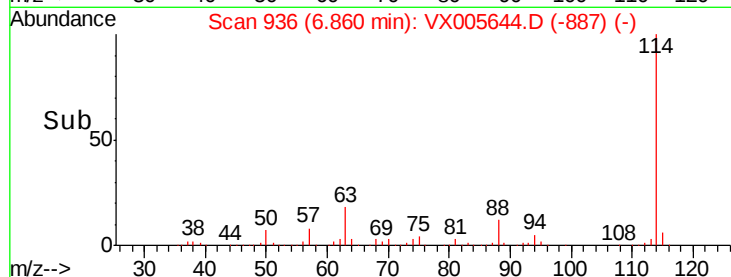
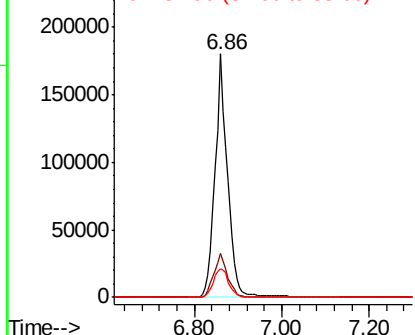
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005644.D
 Acq: 27 Oct 2018 09:34

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-01-102518-A

Tot Ion:114 Resp: 362570
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 42.8
 88 11.8 0.0 31.2

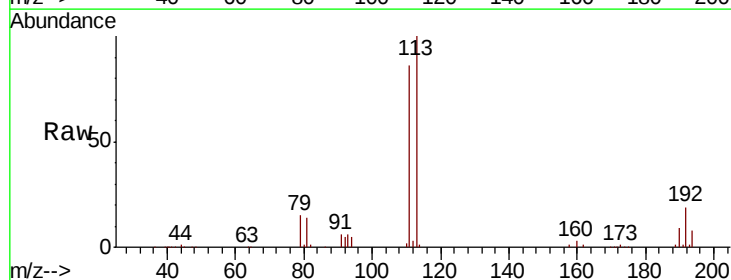


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

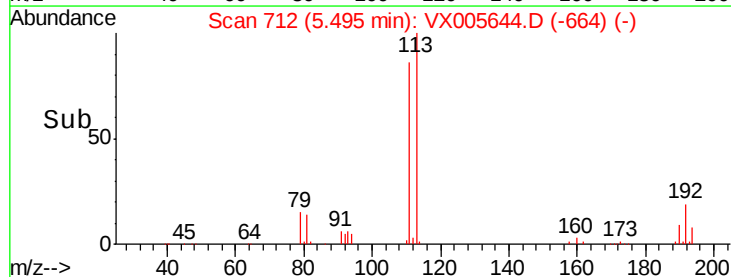
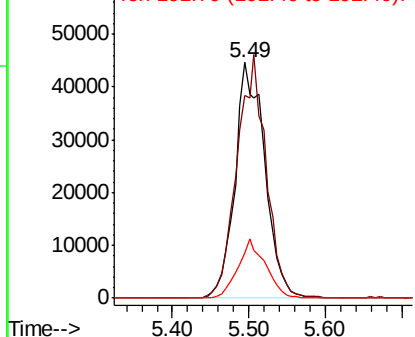


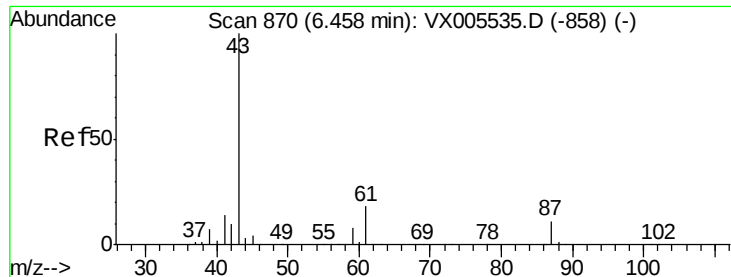
#35
 Dibromofluoromethane
 Concen: 48.849 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005644.D
 Acq: 27 Oct 2018 09:34

Tgt Ion:113 Resp: 119924
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.3 123.5
 192 23.4 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



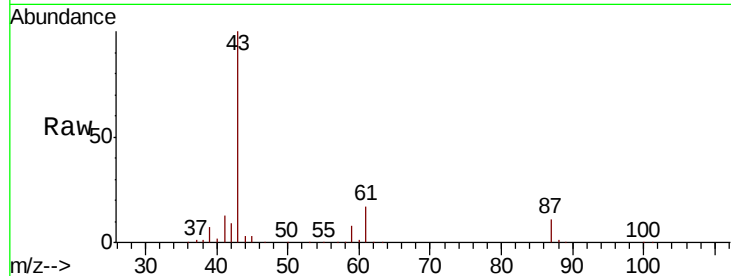


#43

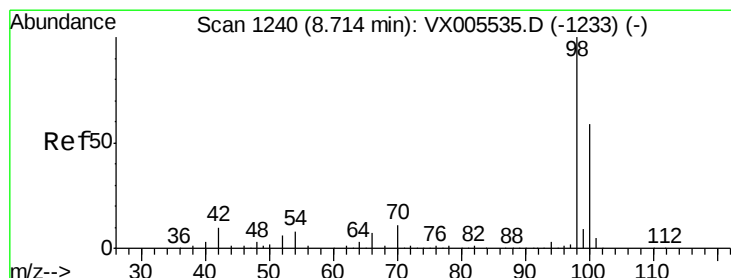
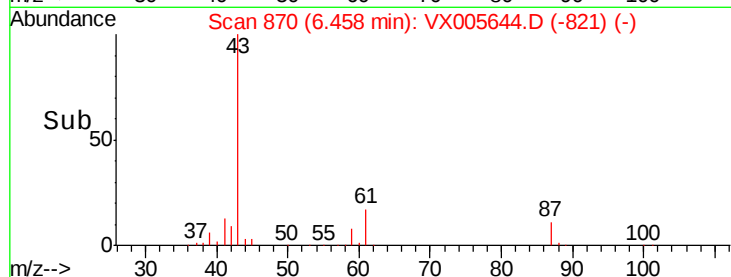
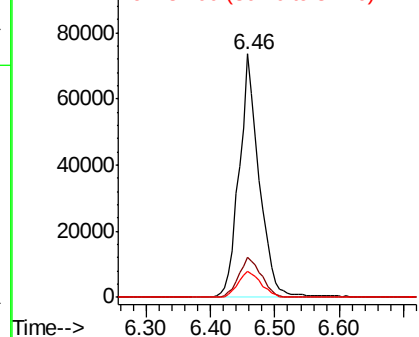
Isopropyl Acetate
 Concen: 23.820 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX005644.D
 Acq: 27 Oct 2018 09:34

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-01-102518-A

Tot Ion: 43 Resp: 160270
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.6 22.0
 87 12.4 9.6 14.4



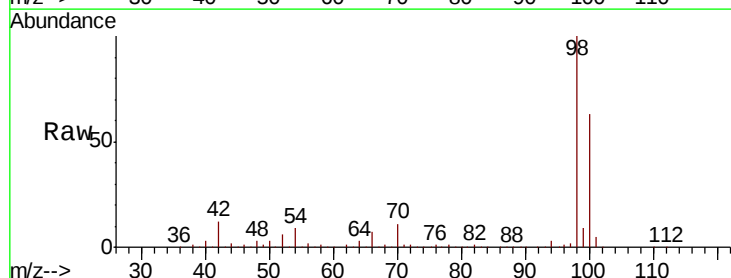
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



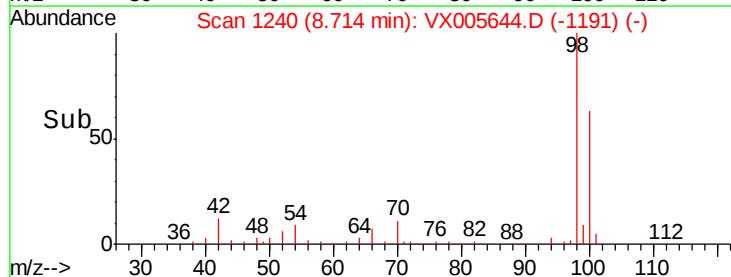
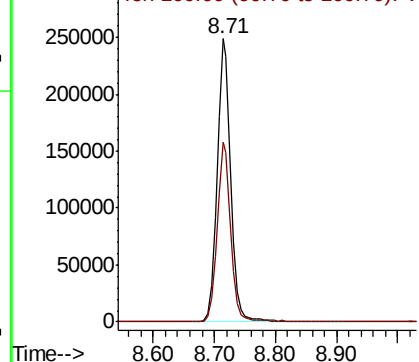
#50

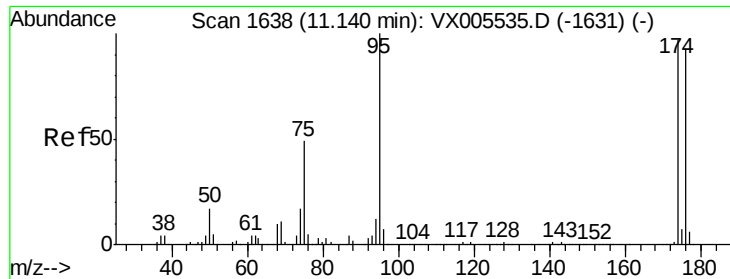
Toluene-d8
 Concen: 45.021 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX005644.D
 Acq: 27 Oct 2018 09:34

Tgt Ion: 98 Resp: 397152
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

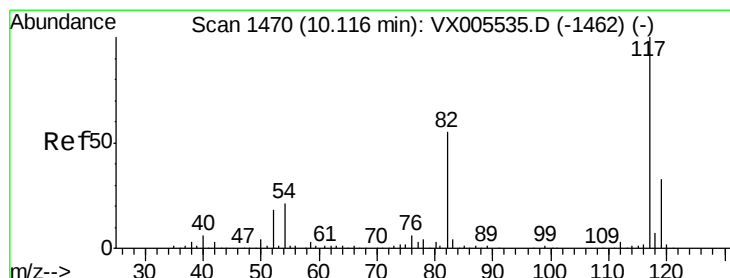
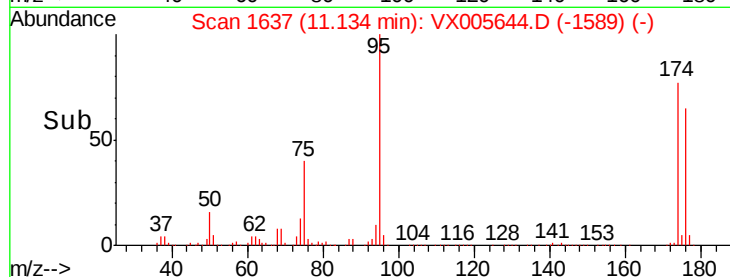
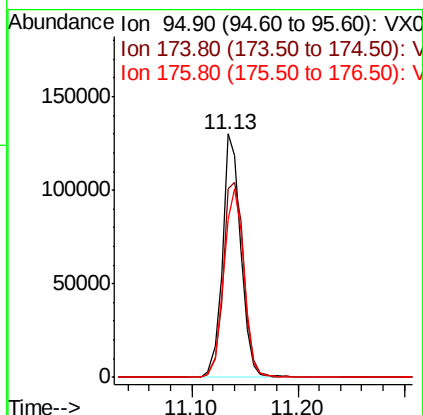
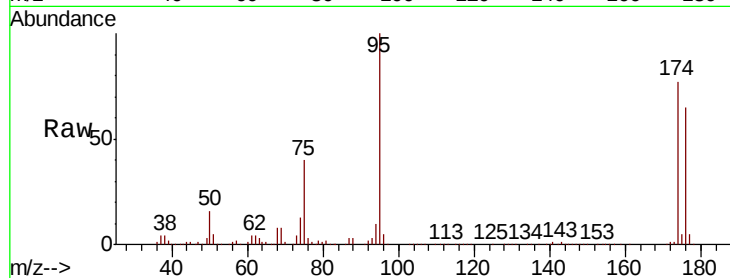




#62
4-Bromofluorobenzene
Concen: 47.075 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX005644.D
Acq: 27 Oct 2018 09:34

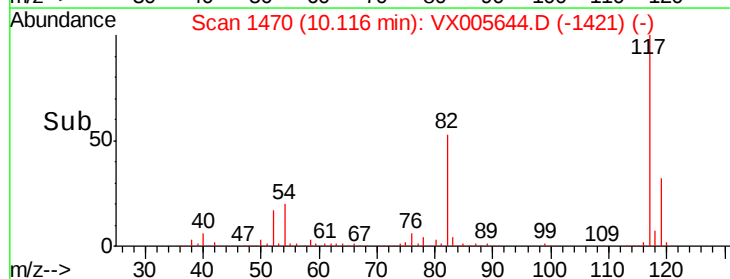
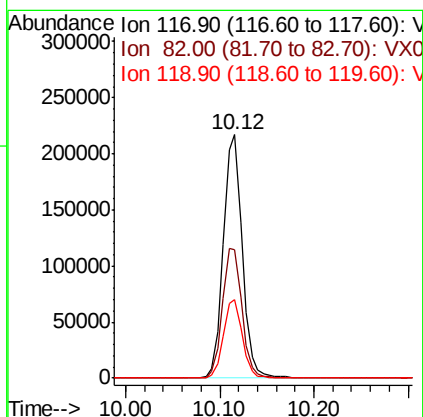
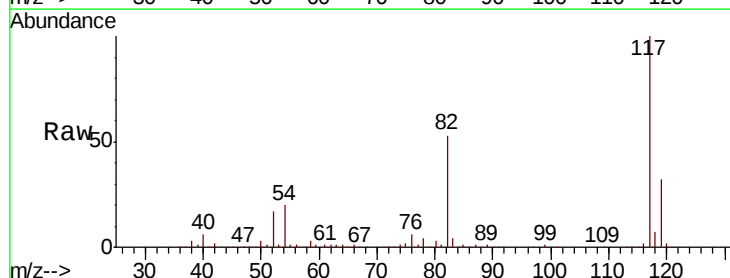
Instrument :
MSVOA_X
ClientSampleId :
SU-01-102518-A

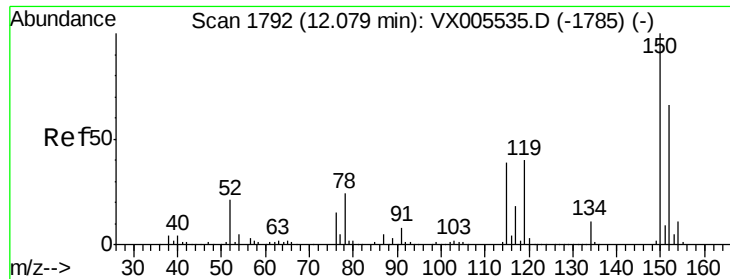
Tot Ion: 95 Resp: 156823
Ion Ratio Lower Upper
95 100
174 90.5 0.0 184.4
176 85.9 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005644.D
Acq: 27 Oct 2018 09:34

Tgt Ion: 117 Resp: 302367
Ion Ratio Lower Upper
117 100
82 52.9 44.1 66.1
119 32.5 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005644.D

Acq: 27 Oct 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

SU-01-102518-A

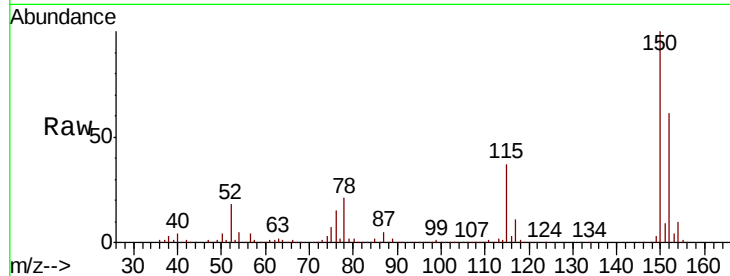
Tot Ion:152 Resp: 177469

Ion Ratio Lower Upper

152 100

115 57.0 39.4 118.1

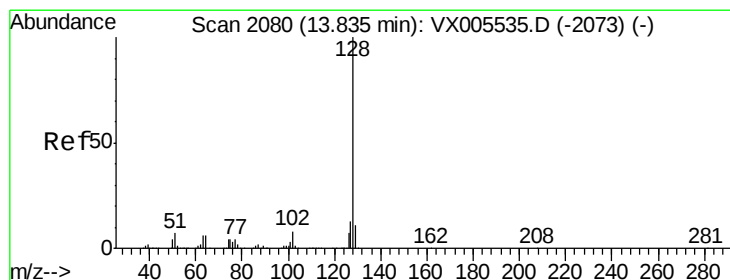
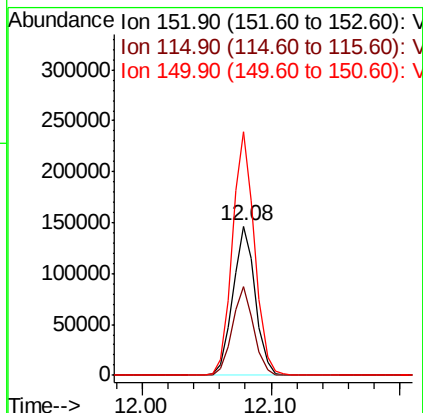
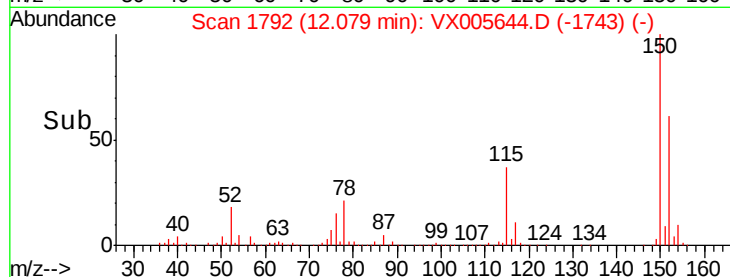
150 161.6 0.0 346.4



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: 5.247 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005644.D

Acq: 27 Oct 2018 09:34

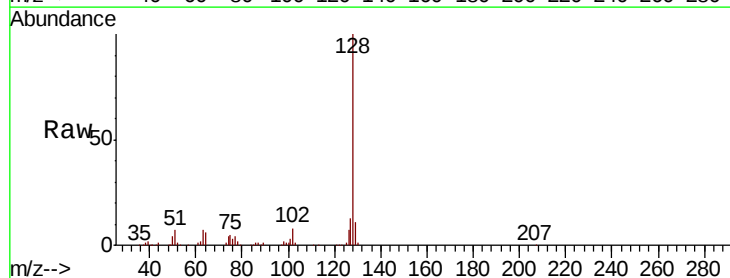
Tgt Ion:128 Resp: 63600

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.4 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

