

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050797.D
 Acq On : 21 Aug 2018 22:11
 Operator : MD\SY
 Sample : PB112227ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#03

Quant Time: Aug 22 07:30:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	643234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1011471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	889068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	293927	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	417030	53.85	ug/l	0.00
Spiked Amount			Recovery	=	107.70%	
35) Dibromofluoromethane	7.59	113	395230	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
50) Toluene-d8	10.09	98	1419551	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	12.40	95	381524	38.16	ug/l	0.00
Spiked Amount			Recovery	=	76.32%	

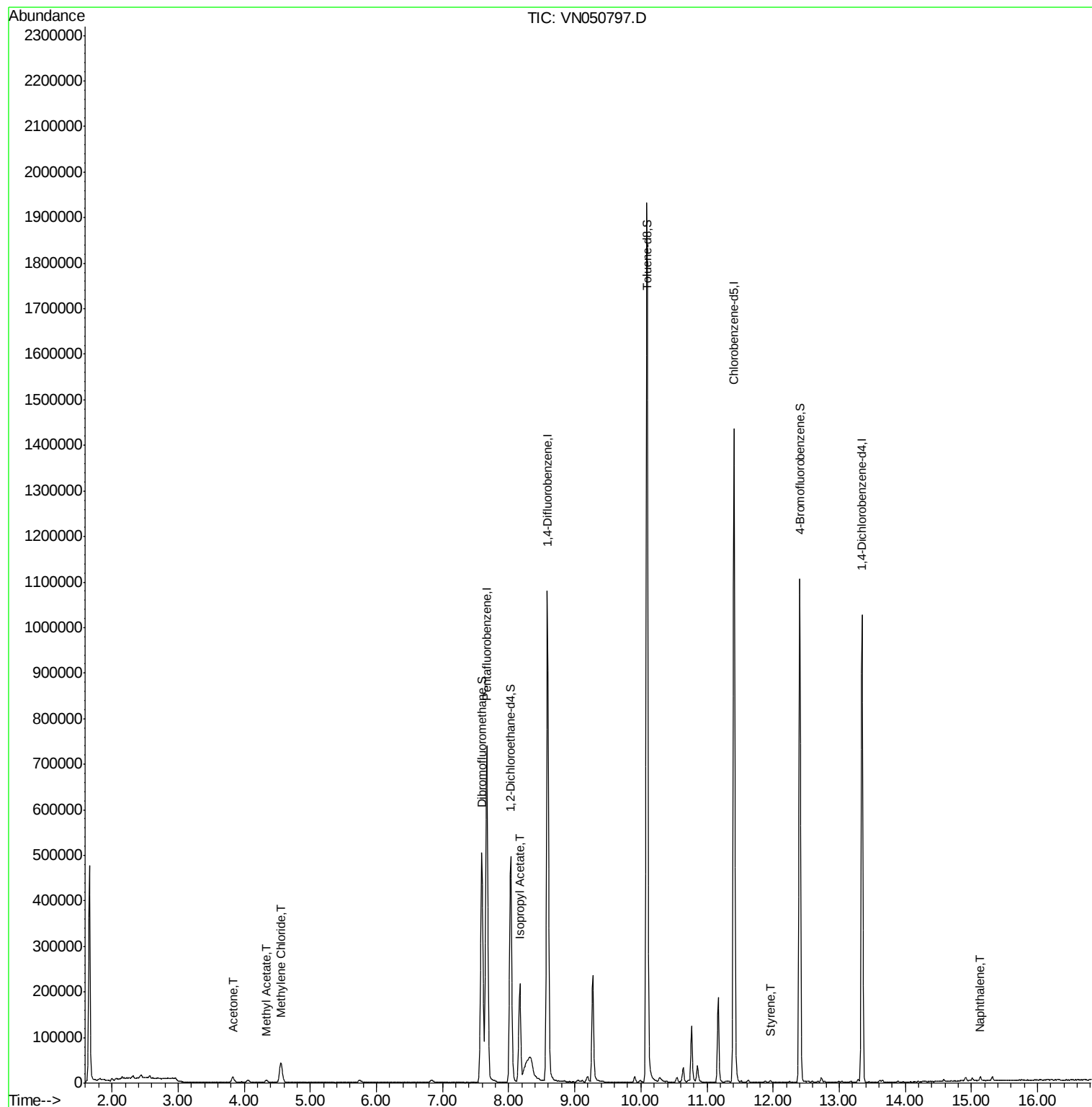
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	19902	3.90	ug/l	97
18) Methyl Acetate	4.33	43	8592	1.18	ug/l	91
20) Methylene Chloride	4.55	84	34771	3.98	ug/l	97
43) Isopropyl Acetate	8.17	43	245842	20.85	ug/l	99
70) Styrene	11.96	104	1654	1.34	ug/l #	79
95) Naphthalene	15.13	128	7431	5.96	ug/l #	86

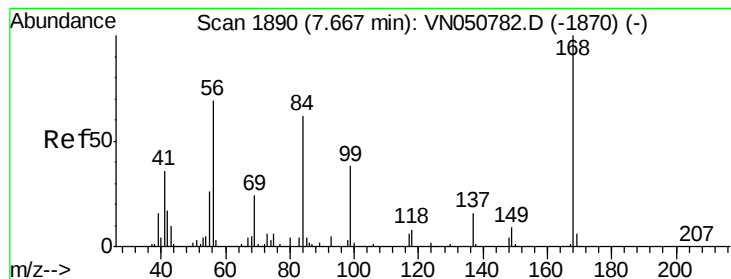
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050797.D

Acq: 21 Aug 2018 22:11

Instrument :

MSVOA_N

ClientSampleId :

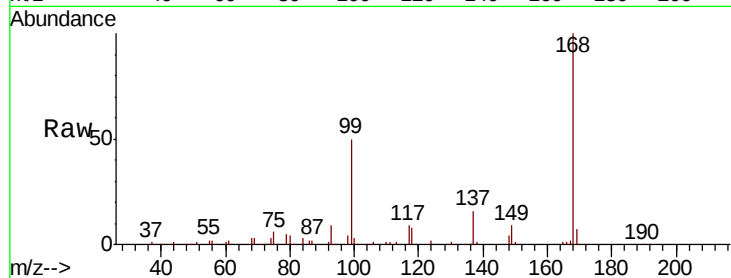
PB112227ZHE#03

Tot Ion:168 Resp: 643234

Ion Ratio Lower Upper

168 100

99 50.0 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050797.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050797.D (-1797) (-)

7.67

250000

200000

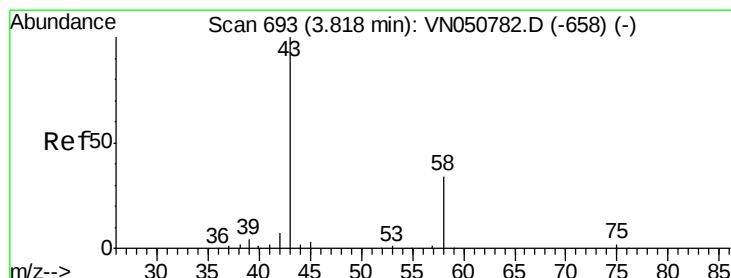
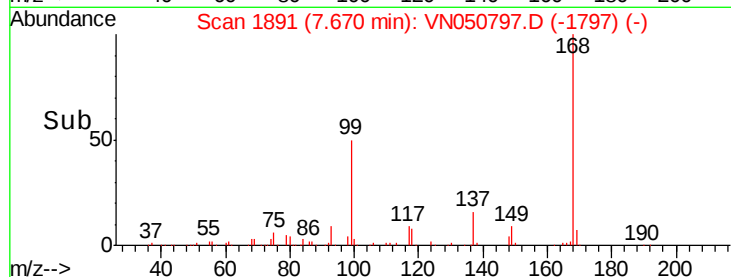
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.90 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050797.D

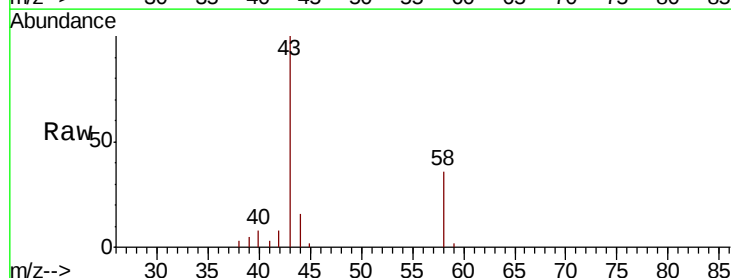
Acq: 21 Aug 2018 22:11

Tgt Ion: 43 Resp: 19902

Ion Ratio Lower Upper

43 100

58 35.6 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN050797.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050797.D (-600) (-)

3.83

8000

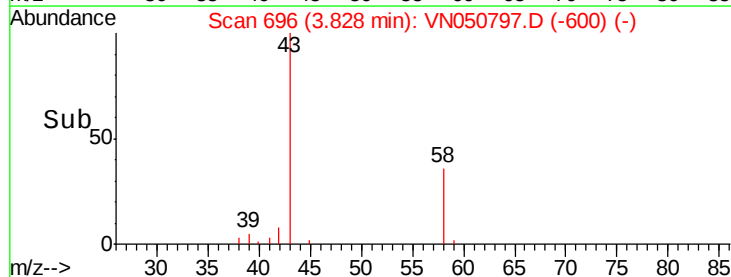
6000

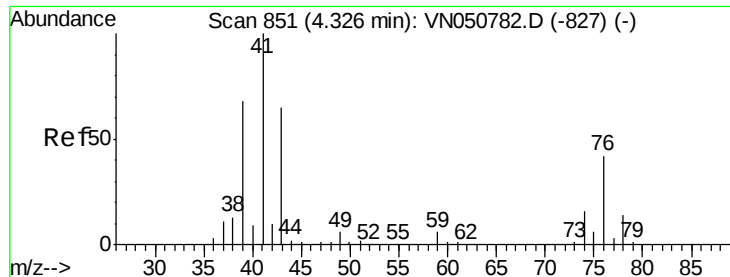
4000

2000

0

Time-->

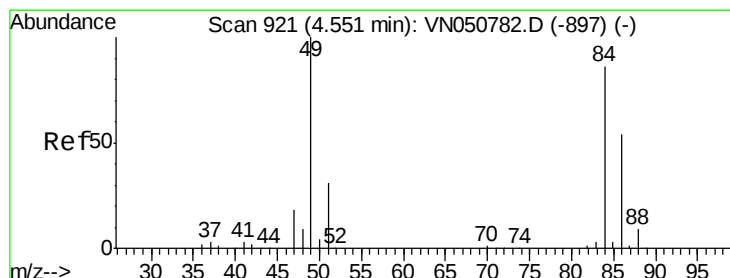
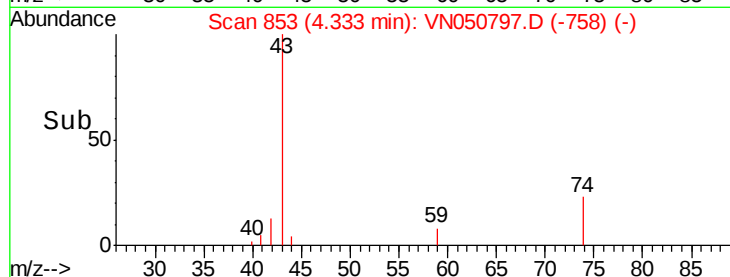
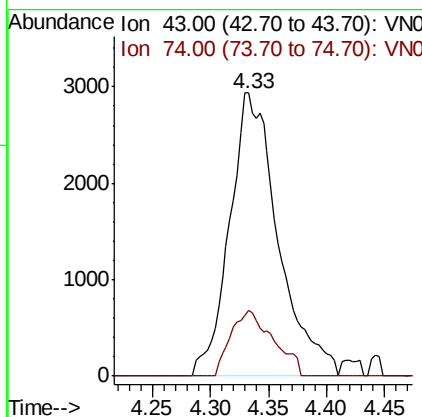
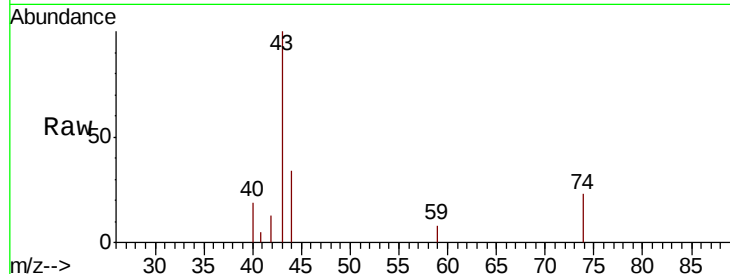




#18
Methvl Acetate
Concen: 1.18 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050797.D
Acq: 21 Aug 2018 22:11

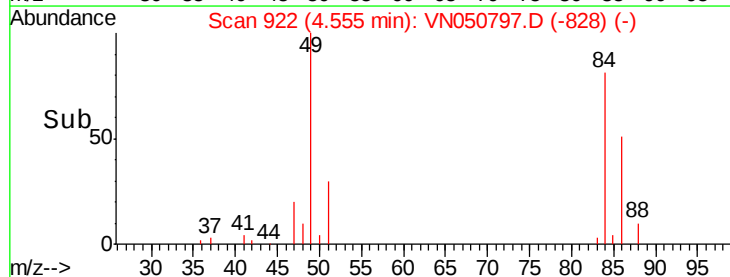
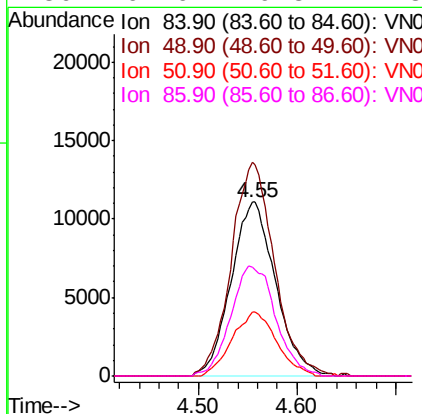
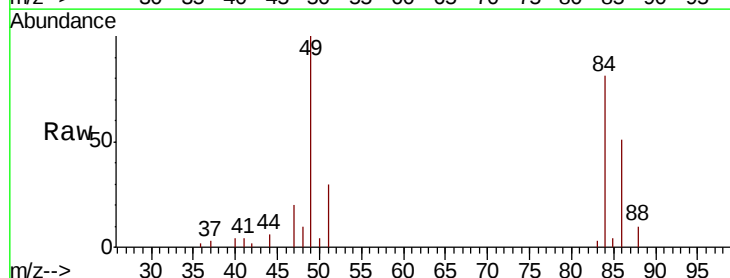
Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#03

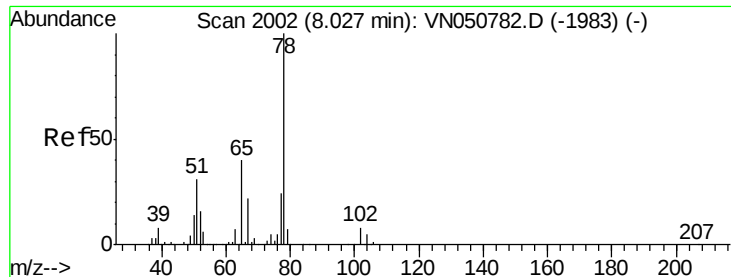
Tot Ion: 43 Resp: 8592
Ion Ratio Lower Upper
43 100
74 20.2 19.8 29.8



#20
Methylene Chloride
Concen: 3.98 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050797.D
Acq: 21 Aug 2018 22:11

Tgt Ion: 84 Resp: 34771
Ion Ratio Lower Upper
84 100
49 122.7 93.2 139.8
51 36.6 29.0 43.6
86 62.6 49.8 74.8

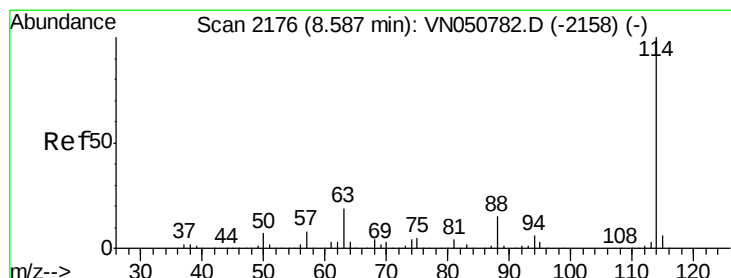
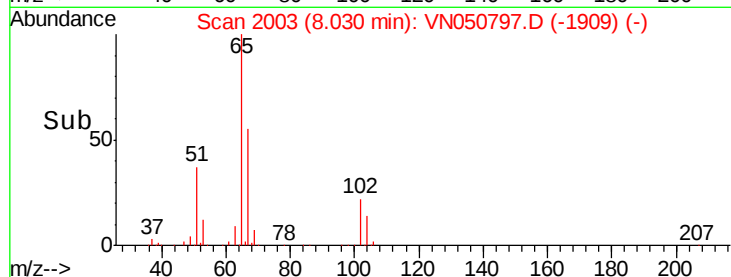
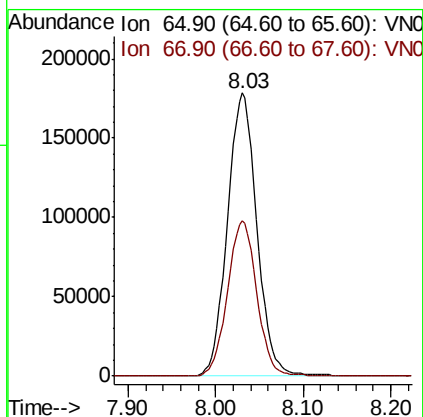
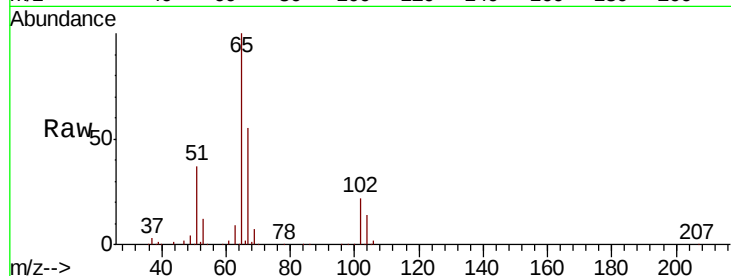




#33
 1,2-Dichloroethane-d4
 Concen: 53.85 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050797.D
 Acq: 21 Aug 2018 22:11

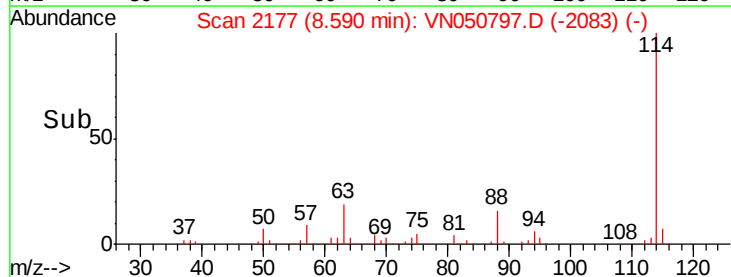
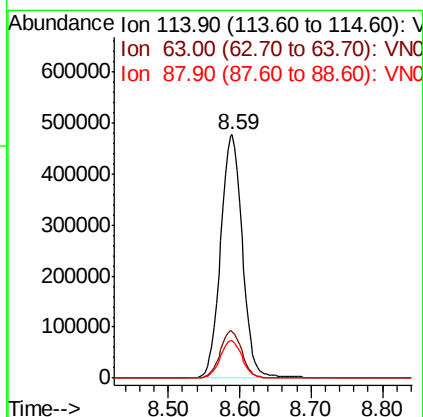
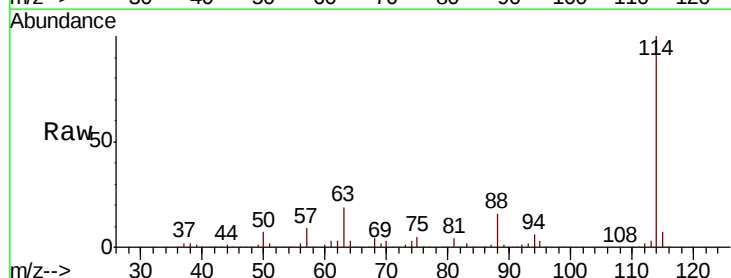
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#03

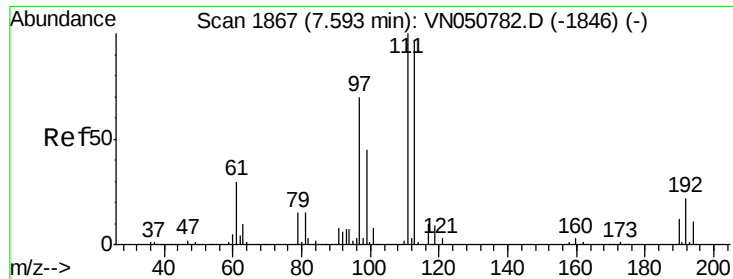
Tot Ion: 65 Resp: 417030
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050797.D
 Acq: 21 Aug 2018 22:11

Tgt Ion: 114 Resp: 1011471
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.5 0.0 30.6

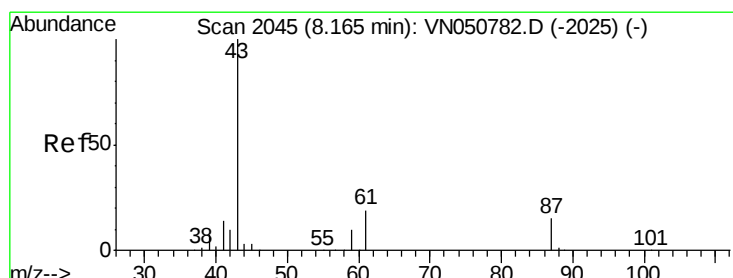
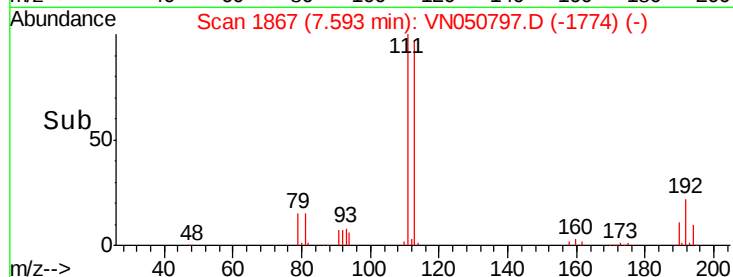
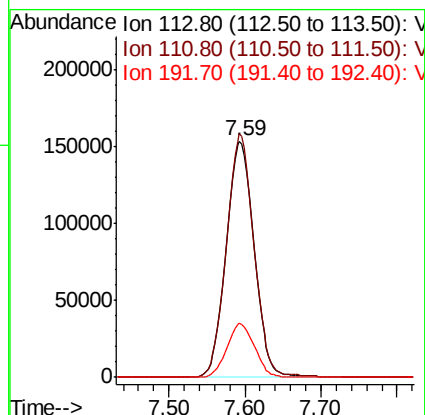
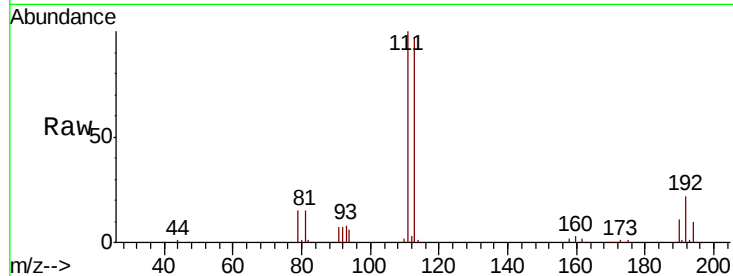




#35
 Dibromofluoromethane
 Concen: 49.12 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050797.D
 Acq: 21 Aug 2018 22:11

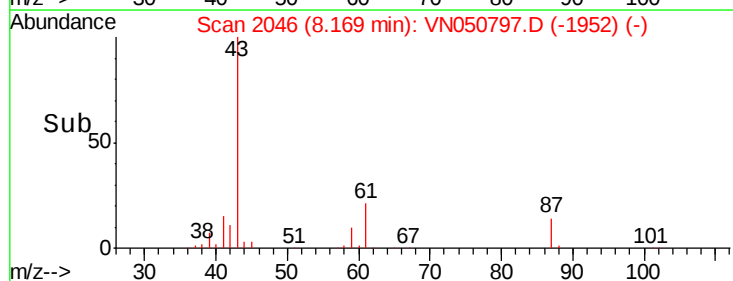
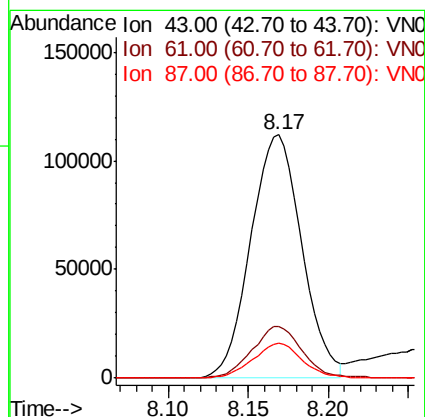
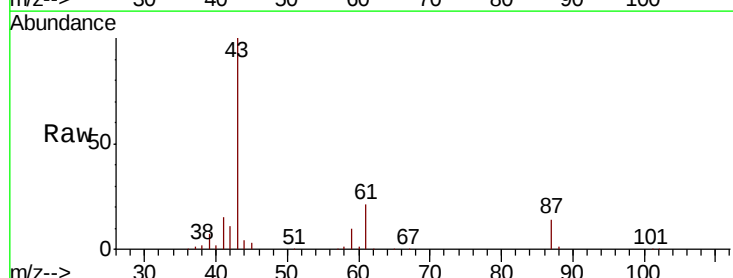
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#03

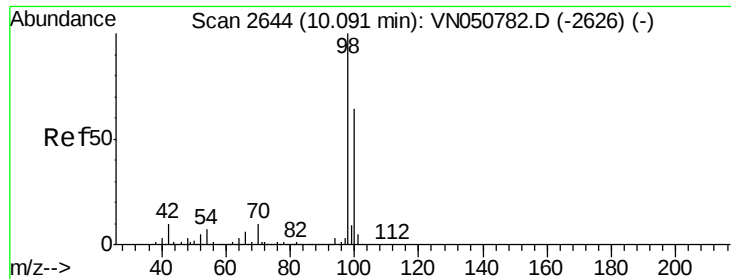
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	123.8
192	22.6	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 20.85 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050797.D
 Acq: 21 Aug 2018 22:11

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.5	26.3
87	14.0	11.3	16.9





#50

Toluene-d8

Concen: 47.18 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050797.D

Acq: 21 Aug 2018 22:11

Instrument :

MSVOA_N

ClientSampleId :

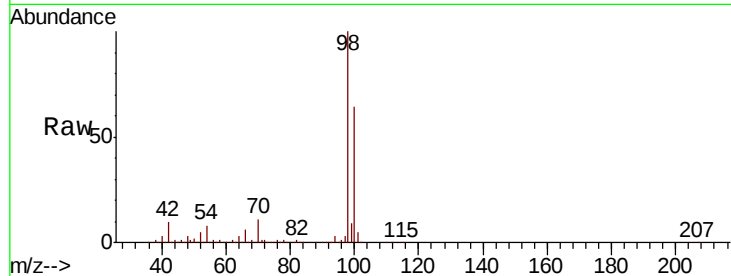
PB112227ZHE#03

Tot Ion: 98 Resp: 1419551

Ion Ratio Lower Upper

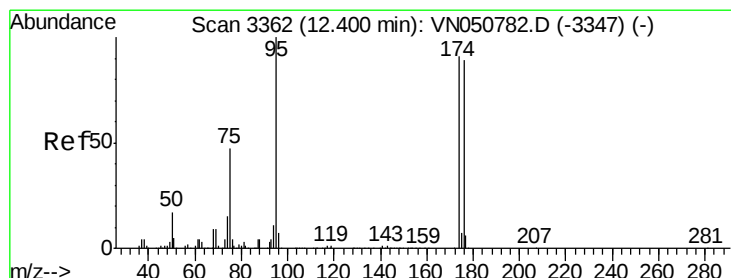
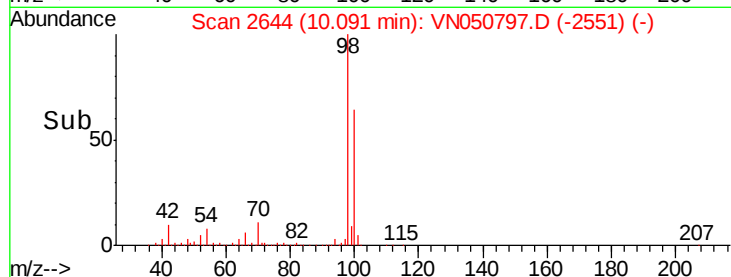
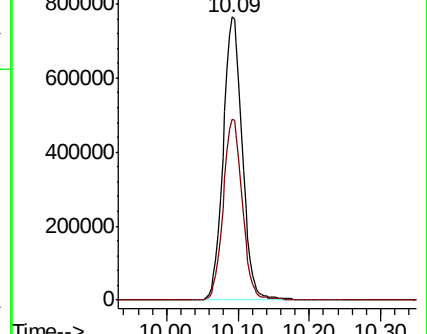
98 100

100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 38.16 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050797.D

Acq: 21 Aug 2018 22:11

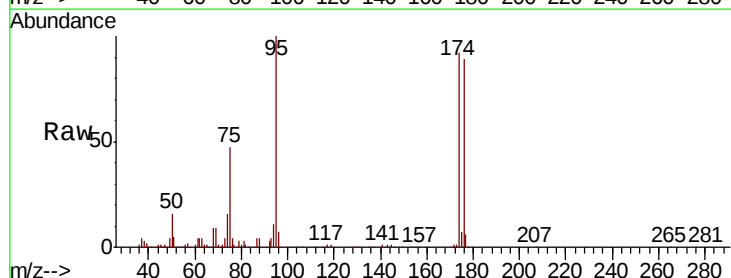
Tgt Ion: 95 Resp: 381524

Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.0

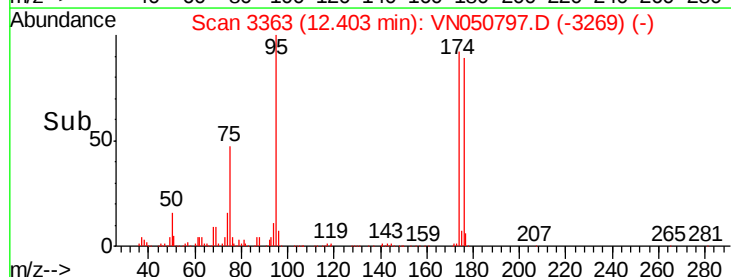
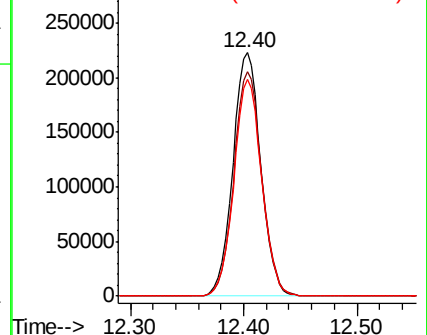
176 88.7 0.0 178.8

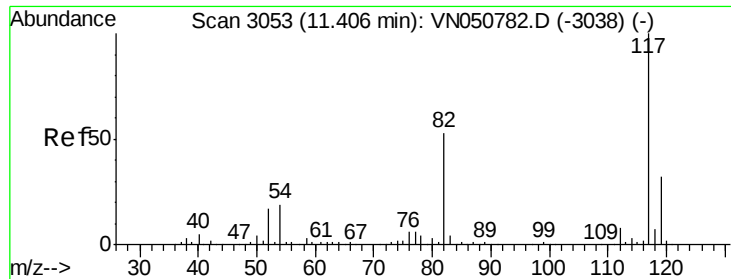


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

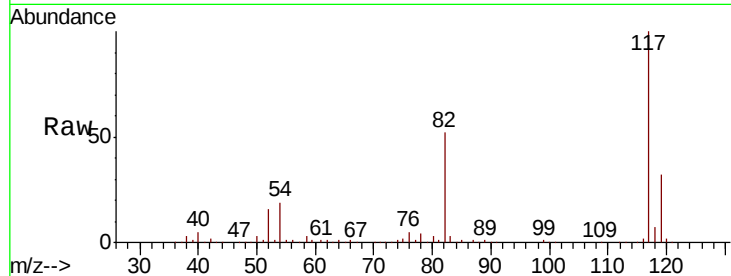




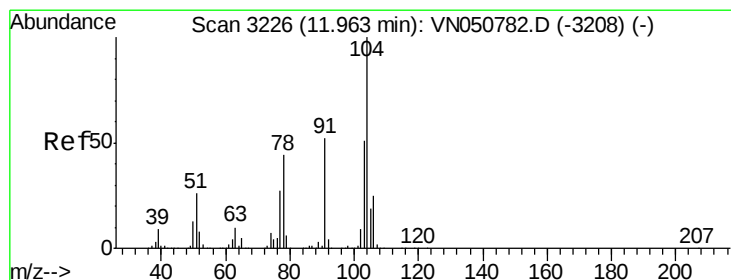
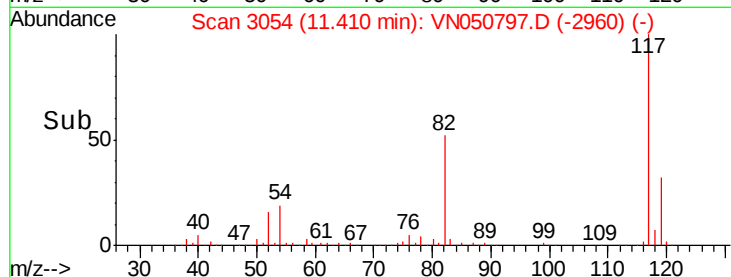
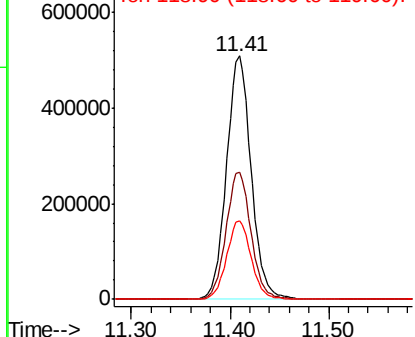
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050797.D
Acq: 21 Aug 2018 22:11

Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#03

Tot Ion:117 Resp: 889068
Ion Ratio Lower Upper
117 100
82 52.5 42.6 64.0
119 32.3 25.8 38.6

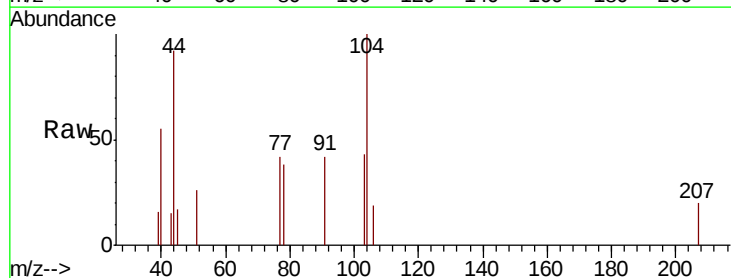


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

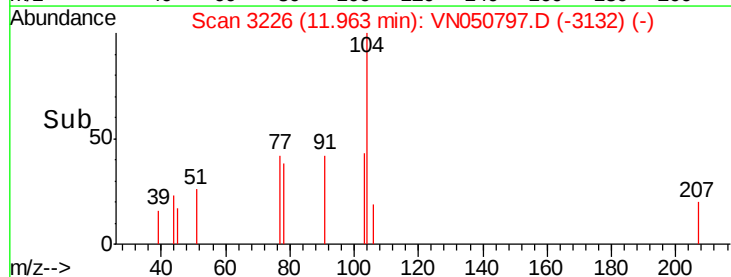
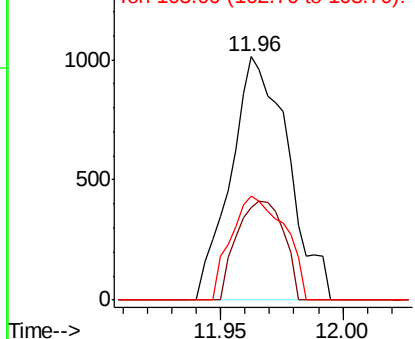


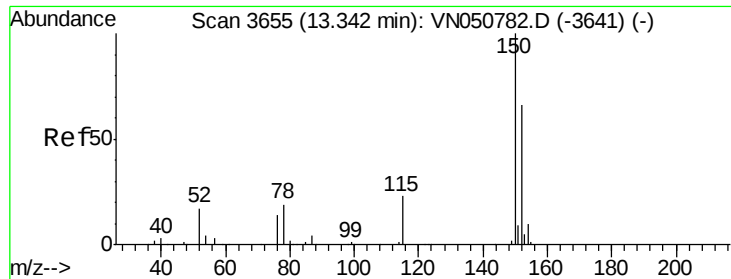
#70
Styrene
Concen: 1.34 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050797.D
Acq: 21 Aug 2018 22:11

Tgt Ion:104 Resp: 1654
Ion Ratio Lower Upper
104 100
78 33.2 38.2 57.4#
103 40.2 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050797.D

Acq: 21 Aug 2018 22:11

Instrument :

MSVOA_N

ClientSampleId :

PB112227ZHE#03

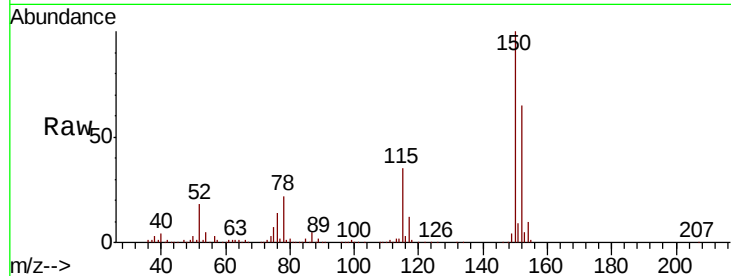
Tot Ion:152 Resp: 293927

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.4

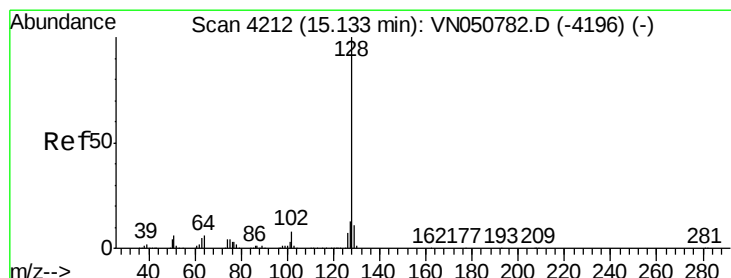
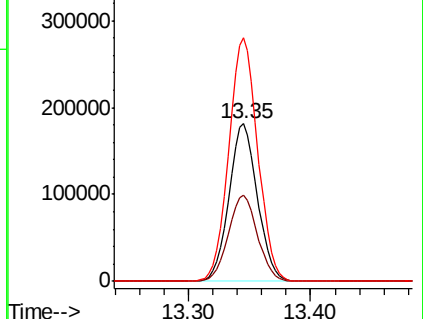
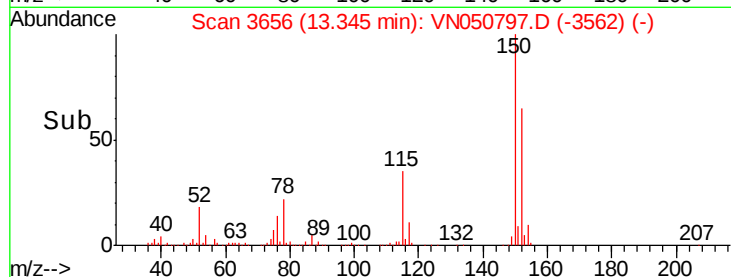
150 156.9 0.0 351.4



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: 5.96 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050797.D

Acq: 21 Aug 2018 22:11

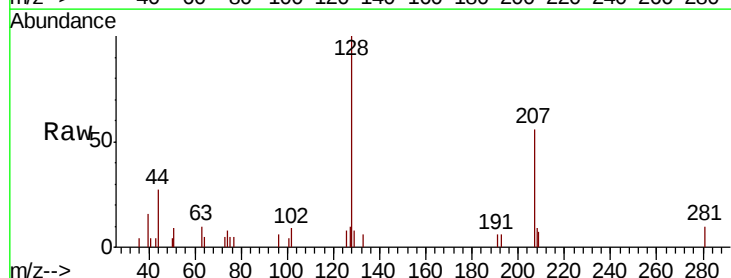
Tgt Ion:128 Resp: 7431

Ion Ratio Lower Upper

128 100

127 6.8 10.5 15.7#

129 6.2 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

