

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080818\
 Data File : VN050473.D
 Acq On : 8 Aug 2018 21:01
 Operator : MD\SY
 Sample : J4276-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-080718

Quant Time: Aug 09 02:01:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

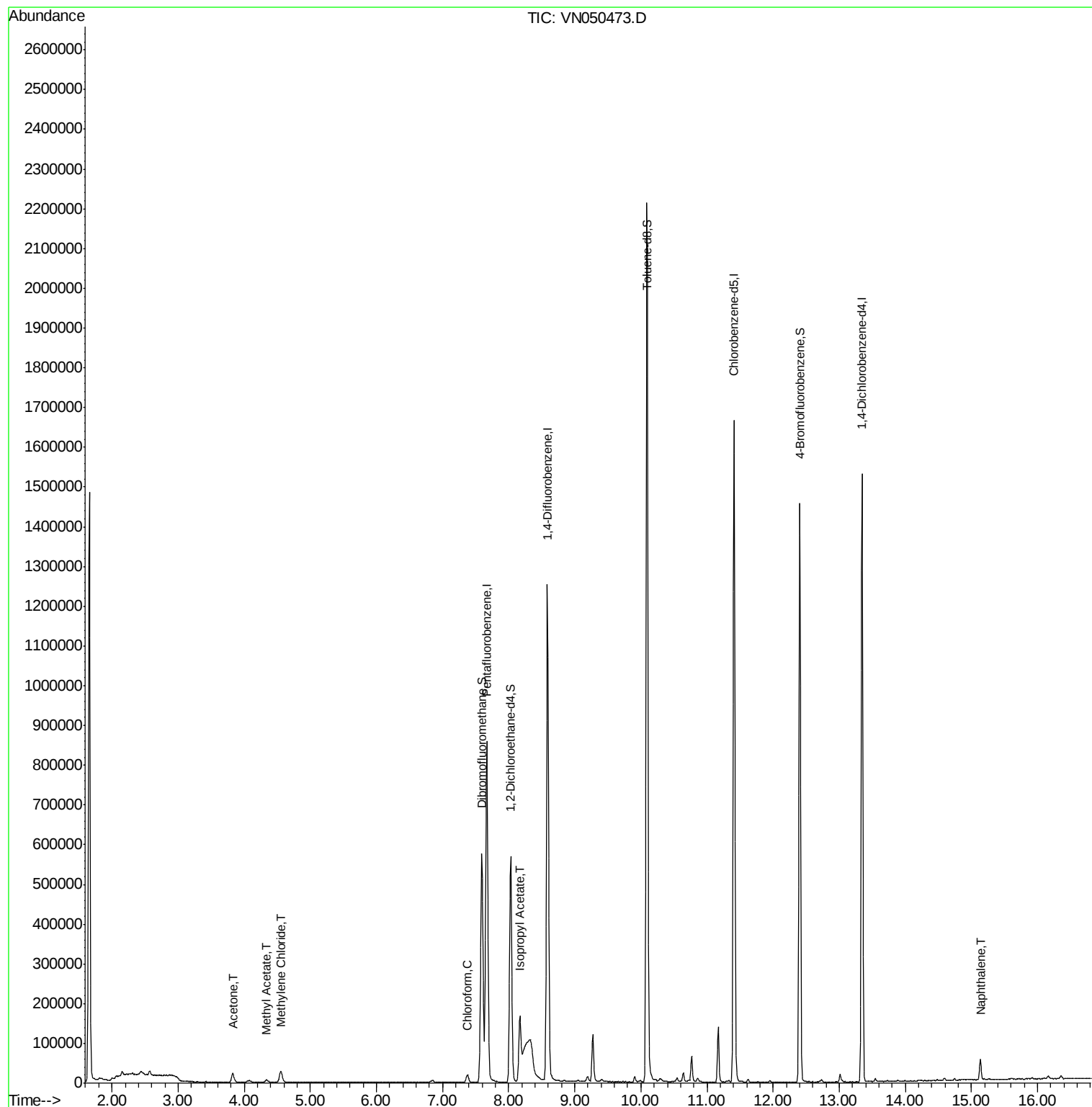
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	751207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1197722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1032430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	437998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	487739	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	7.59	113	448950	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
50) Toluene-d8	10.09	98	1623159	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
62) 4-Bromofluorobenzene	12.40	95	488820	39.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.38%	
Target Compounds						
16) Acetone	3.82	43	38486	12.52	ug/l	95
18) Methyl Acetate	4.34	43	12150	1.37	ug/l	92
20) Methylene Chloride	4.55	84	23038	1.00	ug/l	94
30) Chloroform	7.38	83	21083	1.29	ug/l	95
43) Isopropyl Acetate	8.17	43	221528	13.54	ug/l	97
95) Naphthalene	15.14	128	44266	5.56	ug/l	100

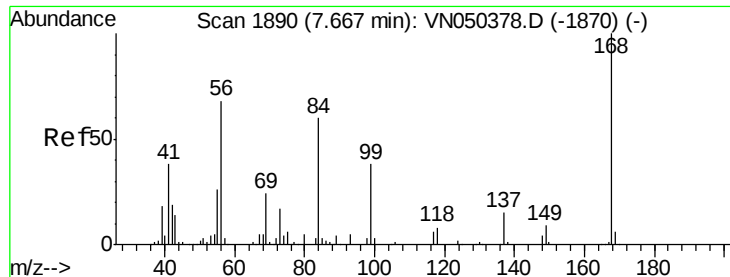
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050473.D

Acq: 8 Aug 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

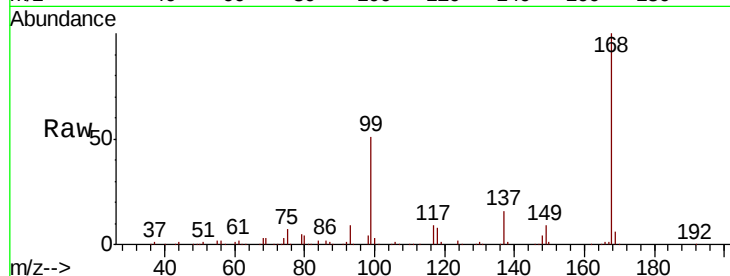
OK-02-080718

Tot Ion:168 Resp: 751207

Ion Ratio Lower Upper

168 100

99 50.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

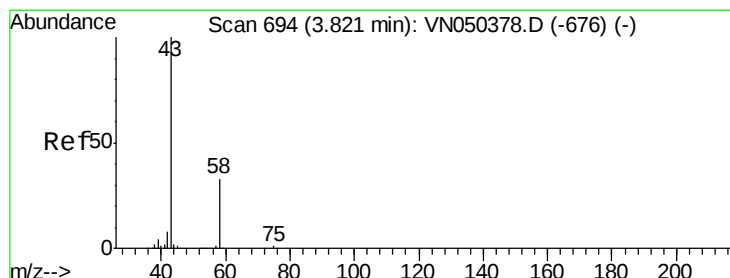
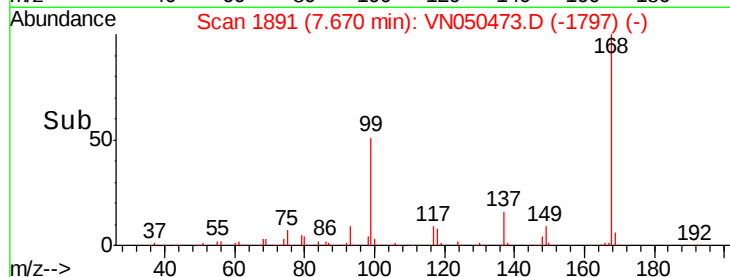
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 12.52 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050473.D

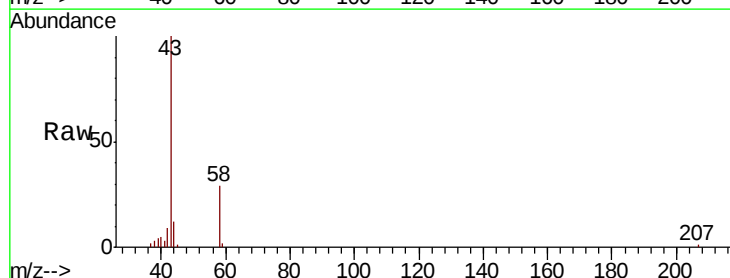
Acq: 8 Aug 2018 21:01

Tgt Ion: 43 Resp: 38486

Ion Ratio Lower Upper

43 100

58 29.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

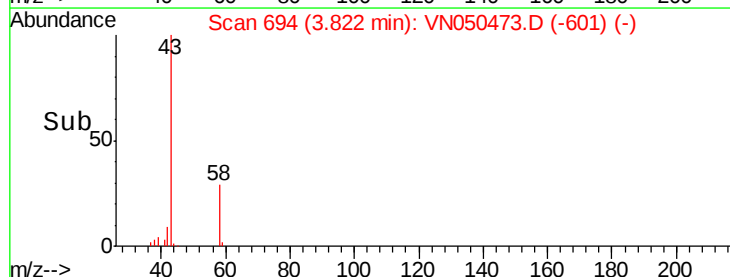
15000

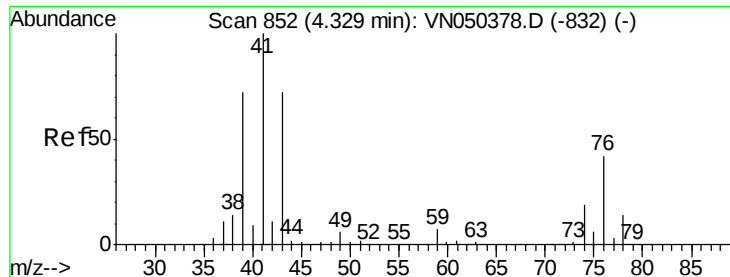
10000

5000

0

Time-->

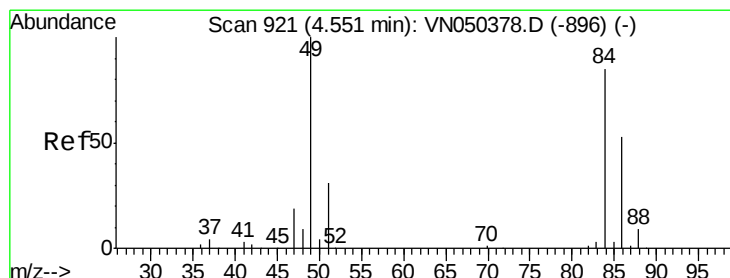
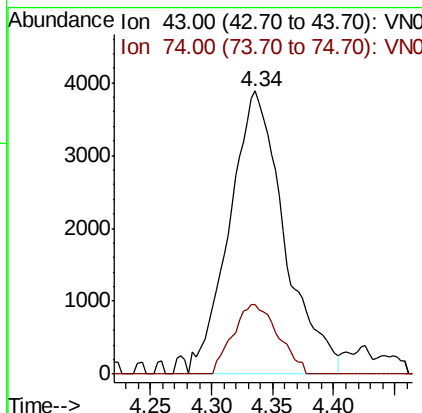
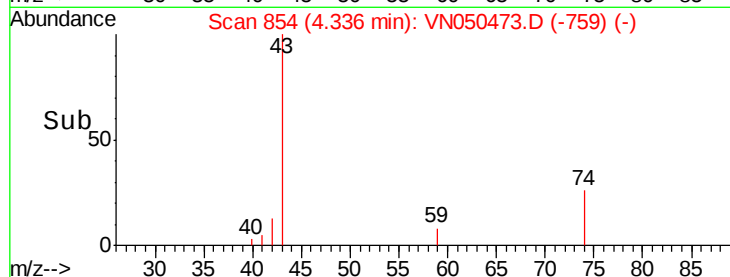
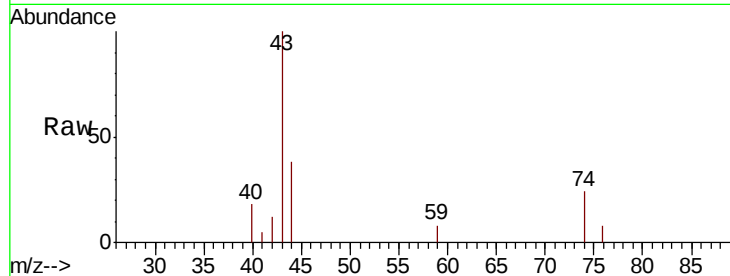




#18
Methyl Acetate
Concen: 1.37 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050473.D
Acq: 8 Aug 2018 21:01

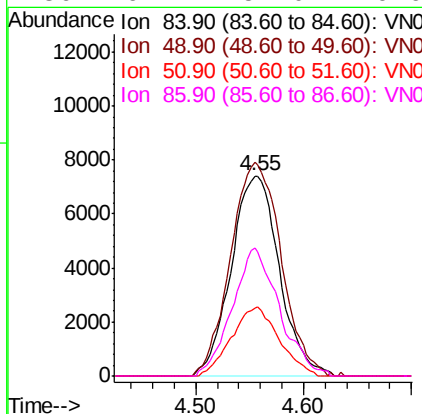
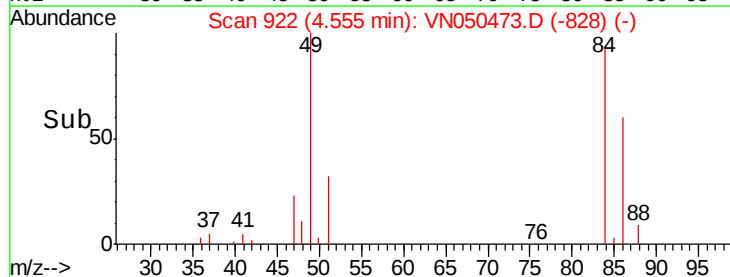
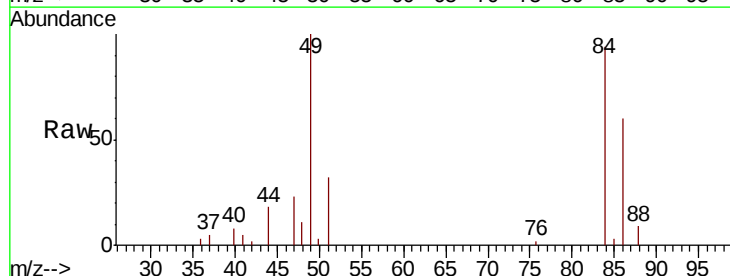
Instrument :
MSVOA_N
ClientSampleId :
OK-02-080718

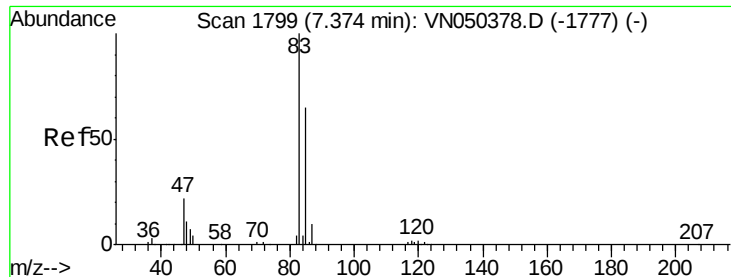
Tot Ion: 43 Resp: 12150
Ion Ratio Lower Upper
43 100
74 20.3 19.2 28.8



#20
Methylene Chloride
Concen: 1.00 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050473.D
Acq: 8 Aug 2018 21:01

Tgt Ion: 84 Resp: 23038
Ion Ratio Lower Upper
84 100
49 106.8 94.8 142.2
51 34.0 28.3 42.5
86 64.2 51.0 76.6

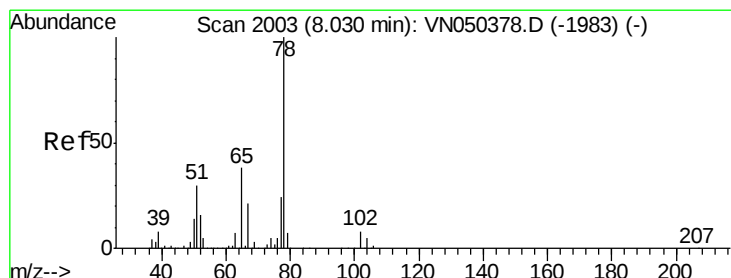
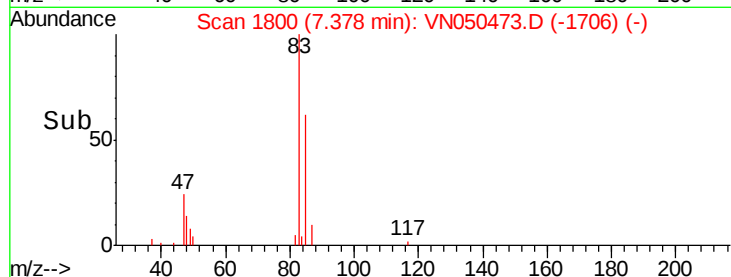
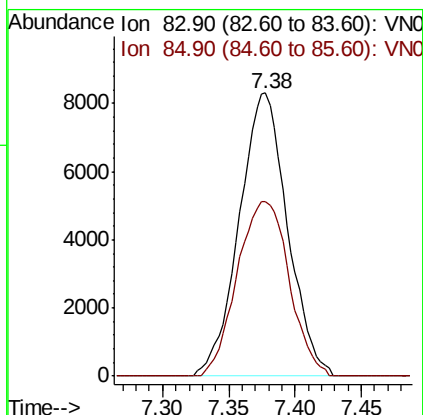
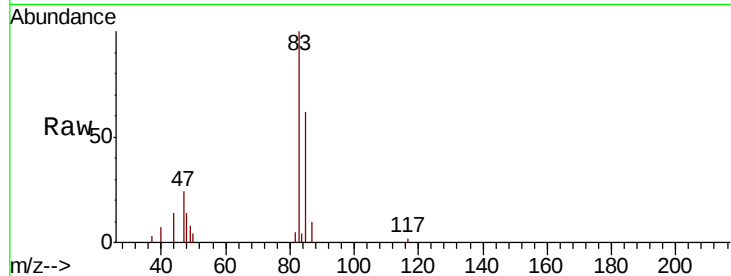




#30
Chloroform
Concen: 1.29 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050473.D
Acq: 8 Aug 2018 21:01

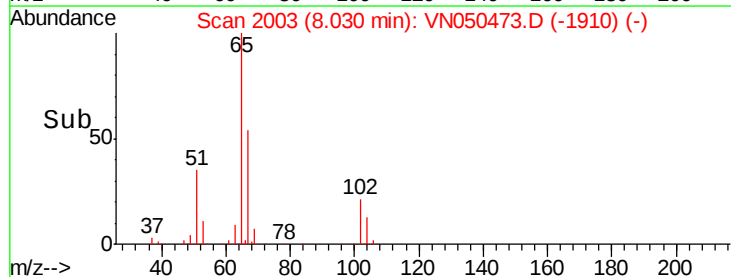
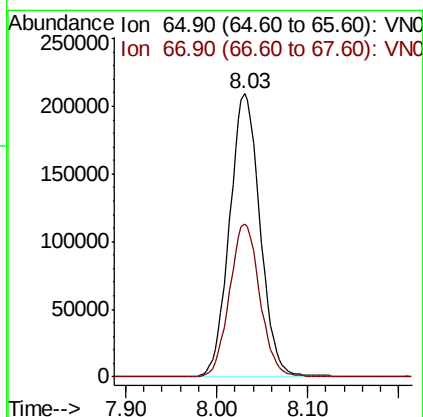
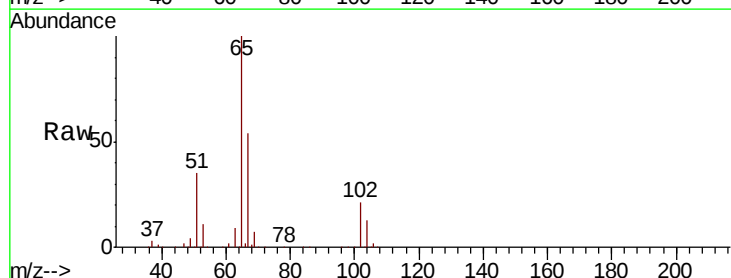
Instrument :
MSVOA_N
ClientSampleId :
OK-02-080718

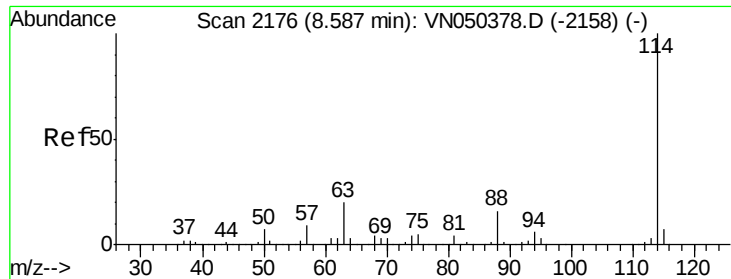
Tot Ion: 83 Resp: 21083
Ion Ratio Lower Upper
83 100
85 61.8 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 48.60 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050473.D
Acq: 8 Aug 2018 21:01

Tgt Ion: 65 Resp: 487739
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.4



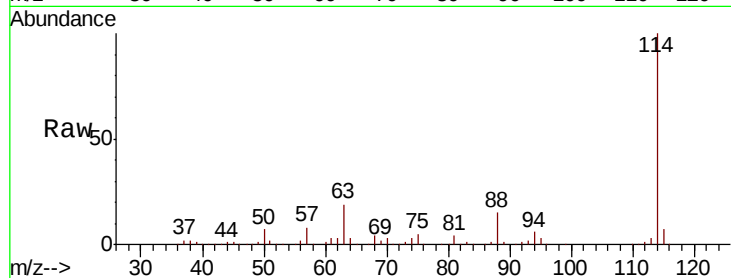


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050473.D
Acq: 8 Aug 2018 21:01

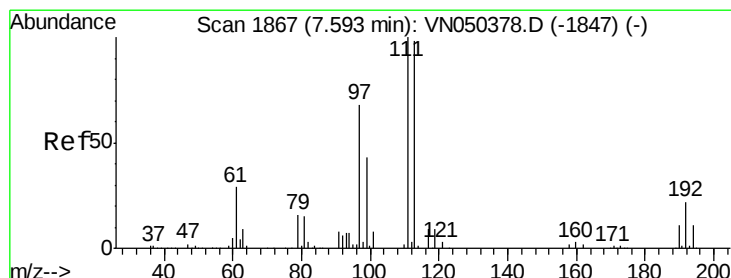
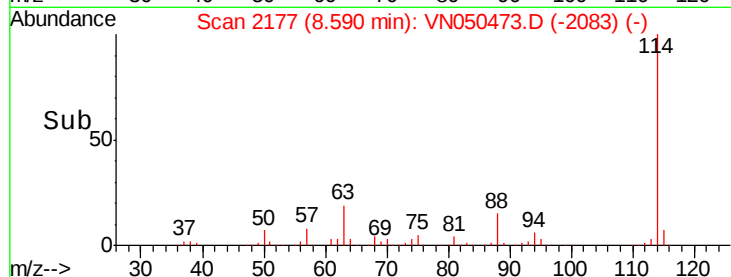
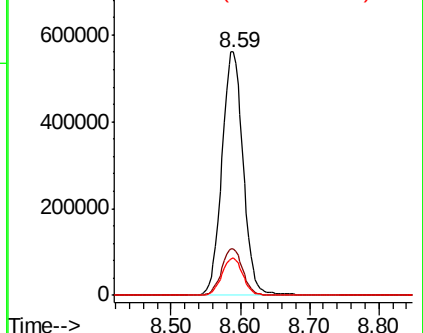
Instrument :
MSVOA_N
ClientSampleId :
OK-02-080718

Tot Ion:114 Resp: 1197722

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	15.2	0.0	31.2



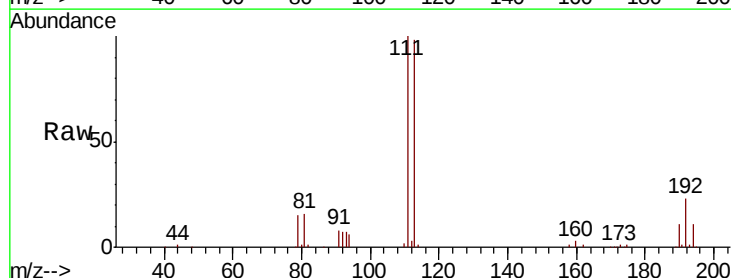
Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN



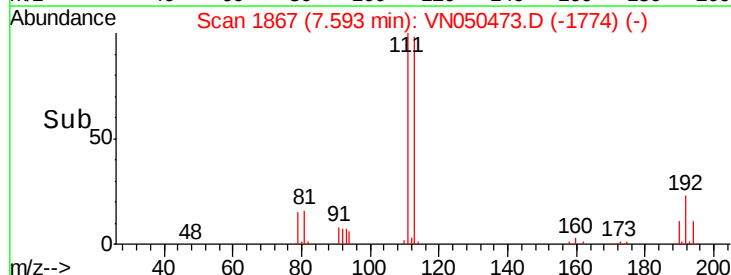
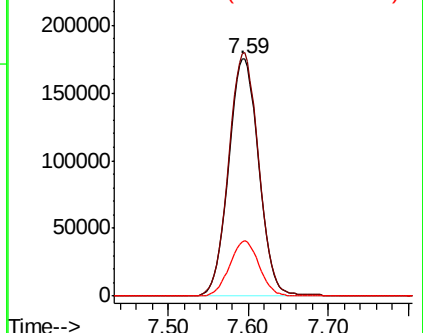
#35
Dibromofluoromethane
Concen: 46.71 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050473.D
Acq: 8 Aug 2018 21:01

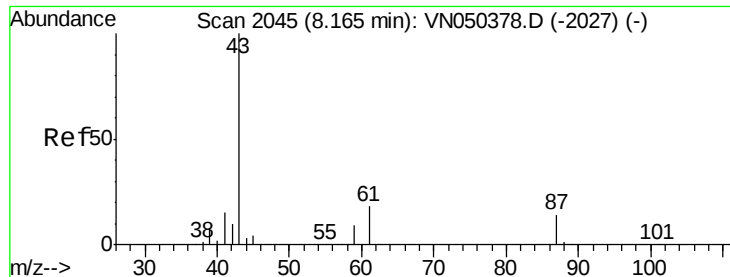
Tgt Ion:113 Resp: 448950

Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.7	121.1
192	22.7	17.8	26.6



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: 13.54 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050473.D

Acq: 8 Aug 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

OK-02-080718

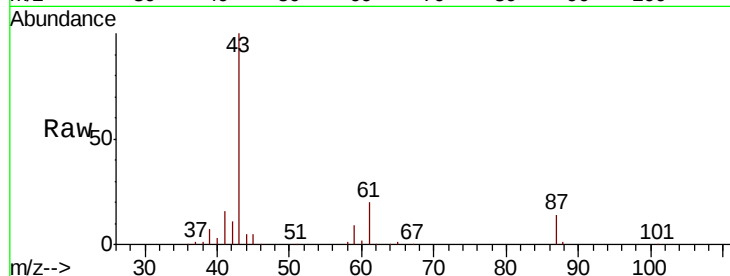
Tot Ion: 43 Resp: 221528

Ion Ratio Lower Upper

43 100

61 18.1 15.8 23.6

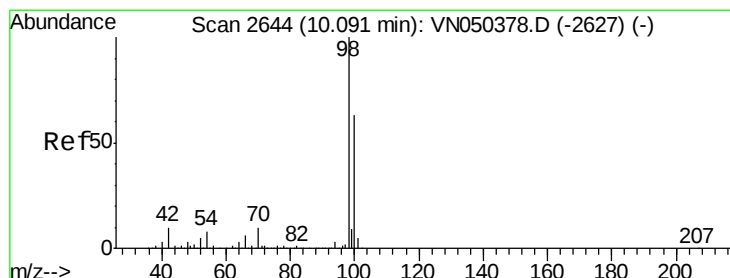
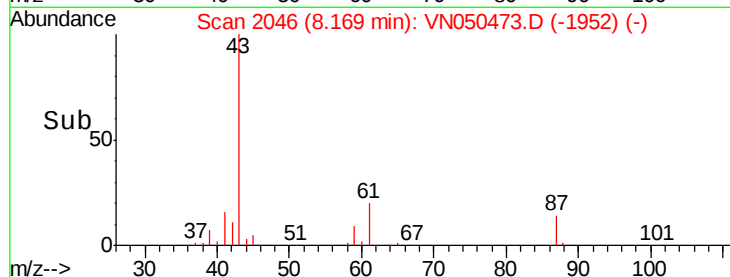
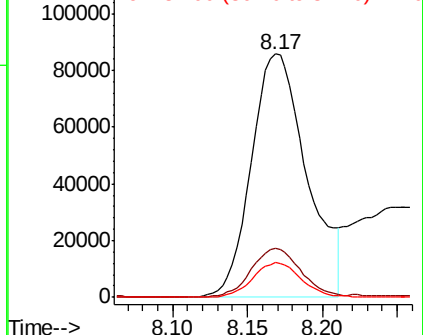
87 12.5 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050378.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050378.D (-2027) (-)



#50

Toluene-d8

Concen: 44.92 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050473.D

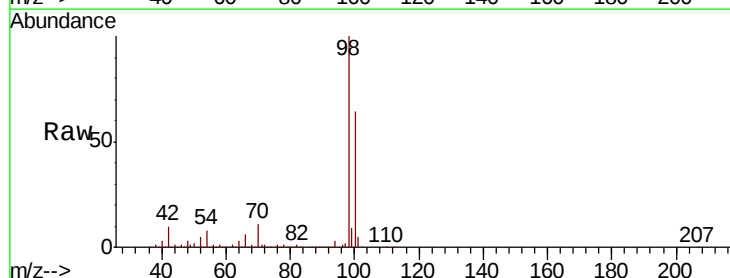
Acq: 8 Aug 2018 21:01

Tgt Ion: 98 Resp: 1623159

Ion Ratio Lower Upper

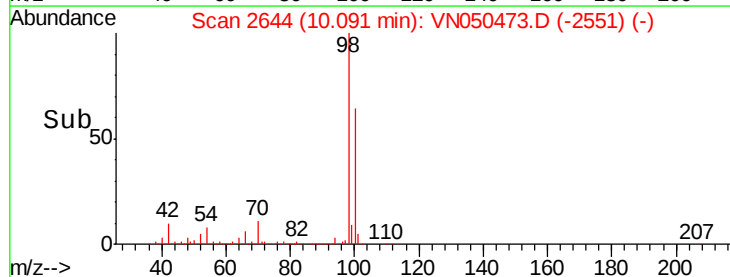
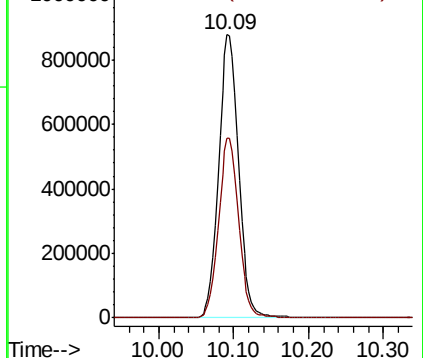
98 100

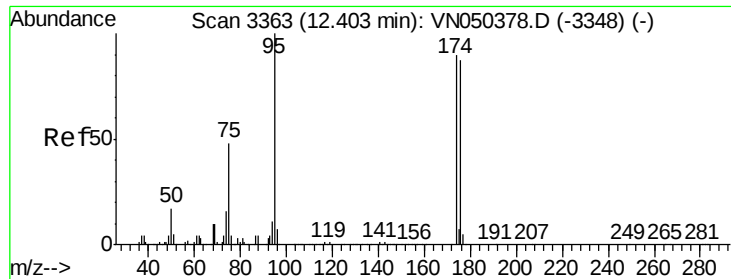
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050378.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050378.D (-2627) (-)

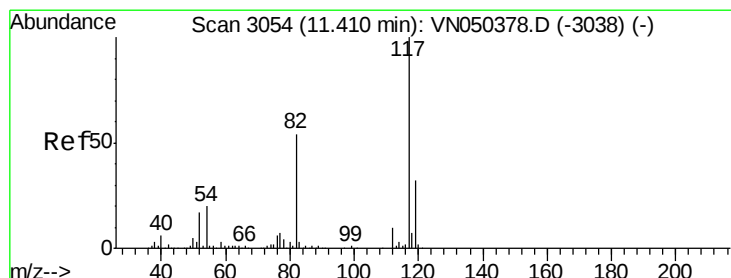
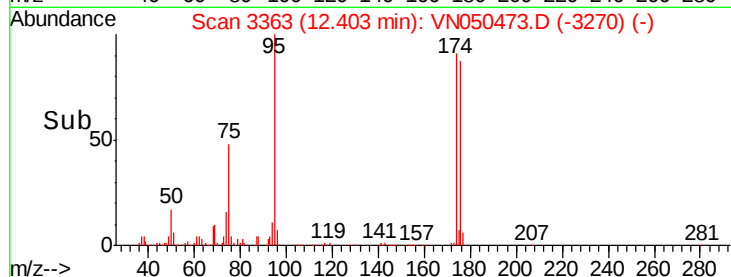
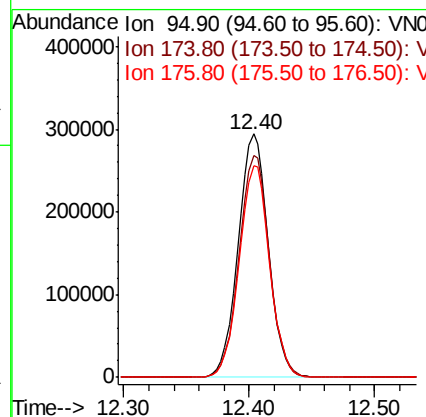
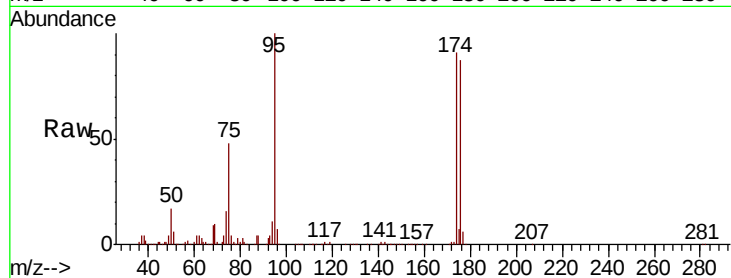




#62
4-Bromofluorobenzene
Concen: 39.69 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050473.D
Acq: 8 Aug 2018 21:01

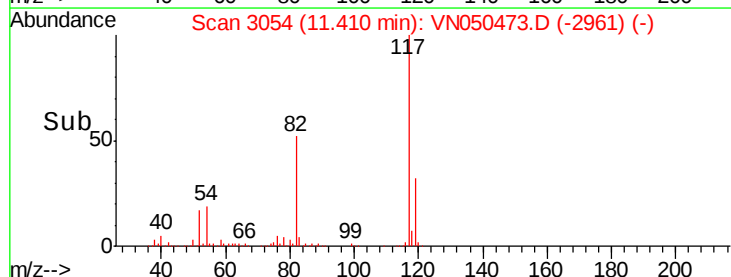
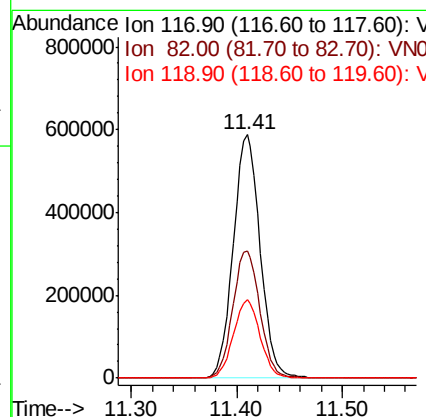
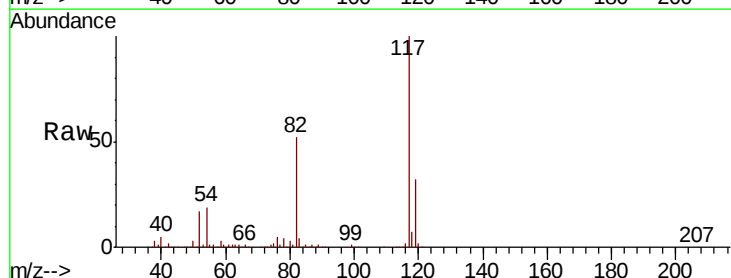
Instrument :
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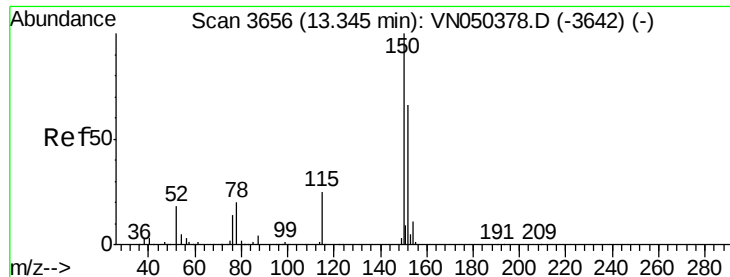
Tot Ion: 95 Resp: 488820
Ion Ratio Lower Upper
95 100
174 92.2 0.0 178.2
176 87.9 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050473.D
Acq: 8 Aug 2018 21:01

Tgt Ion: 117 Resp: 1032430
Ion Ratio Lower Upper
117 100
82 52.5 43.7 65.5
119 32.1 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050473.D

Acq: 8 Aug 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

OK-02-080718

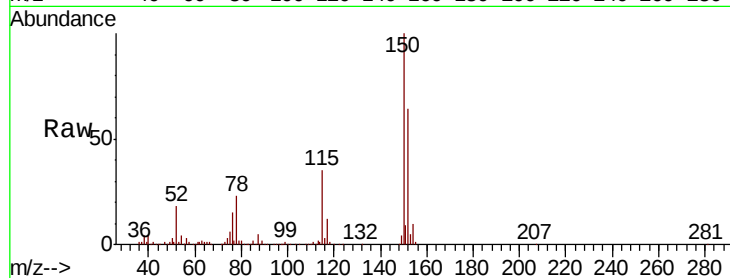
Tot Ion:152 Resp: 437998

Ion Ratio Lower Upper

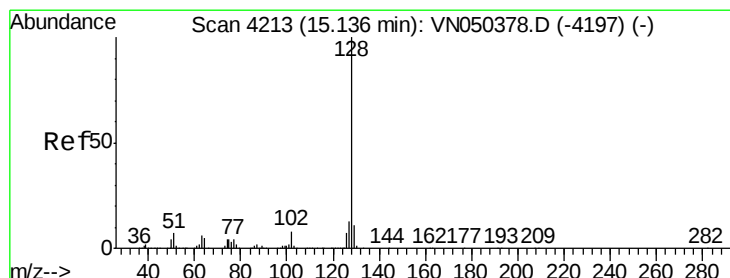
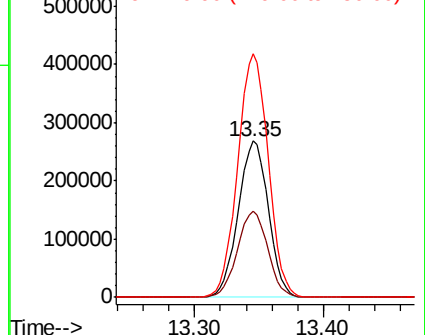
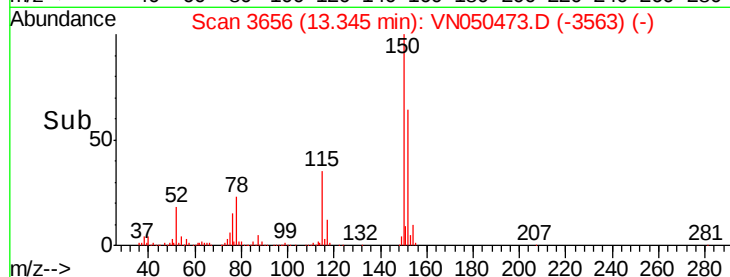
152 100

115 55.3 27.8 83.3

150 157.3 0.0 348.6



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: 5.56 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050473.D

Acq: 8 Aug 2018 21:01

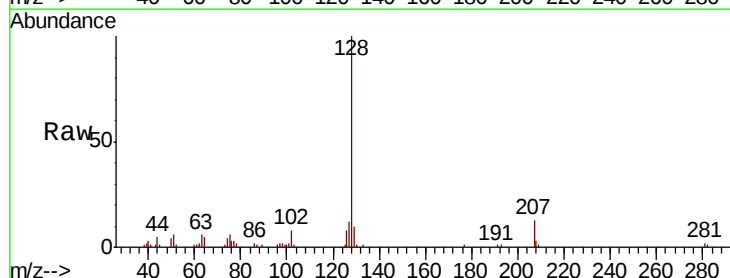
Tgt Ion:128 Resp: 44266

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.8 13.2



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

