

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056383.D
 Acq On : 19 Jun 2019 13:46
 Operator : JC/SP
 Sample : K3441-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-3

Quant Time: Jun 21 04:09:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

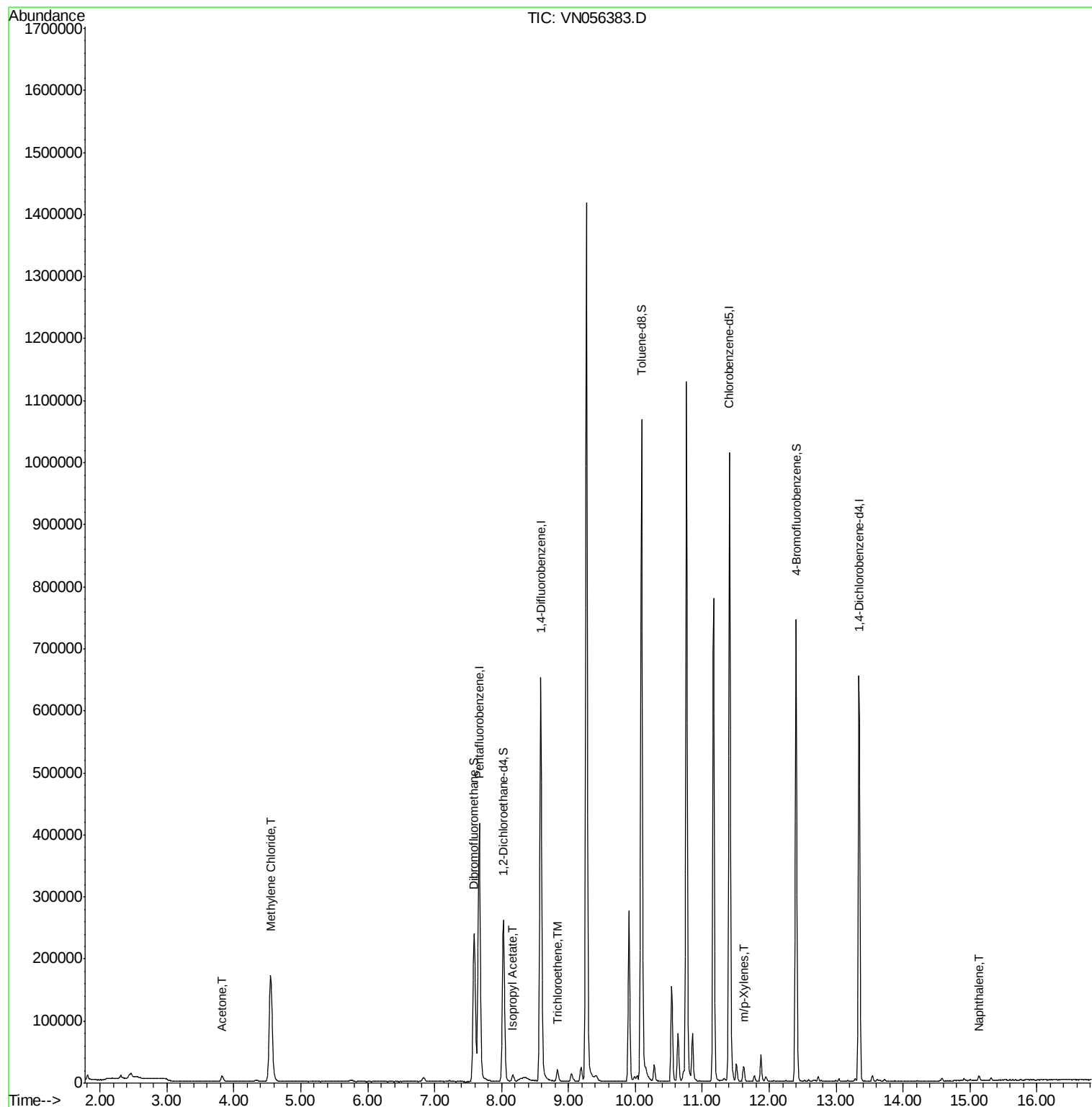
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	375890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	636492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	640515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	194023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	212847	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
35) Dibromofluoromethane	7.59	113	184932	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
50) Toluene-d8	10.09	98	802538	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.40	95	266279	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
Target Compounds						
16) Acetone	3.82	43	16716	8.009	ug/l	93
20) Methylene Chloride	4.55	84	138717	34.987	ug/l	98
43) Isopropyl Acetate	8.17	43	12993	1.530	ug/l #	90
44) Trichloroethene	8.84	130	7891	1.700	ug/l	99
68) m/p-Xylenes	11.62	106	9222	1.114	ug/l	87
95) Naphthalene	15.13	128	8021	6.053	ug/l #	94

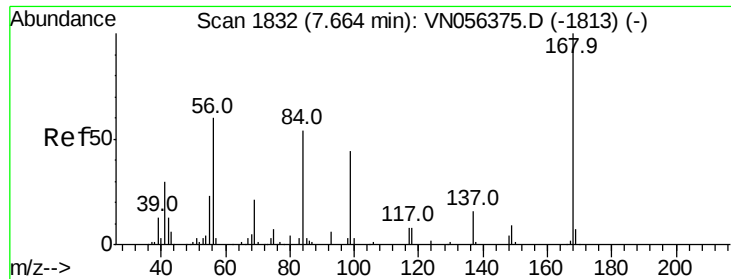
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampleId :

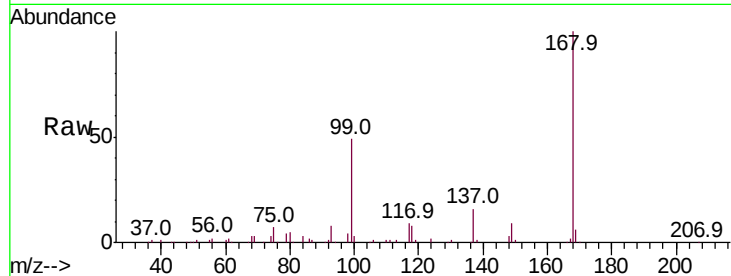
SAMPLE-3

Tot Ion:168 Resp: 375890

Ion Ratio Lower Upper

168 100

99 48.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056383.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056383.D (-1739) (-)

7.67

150000

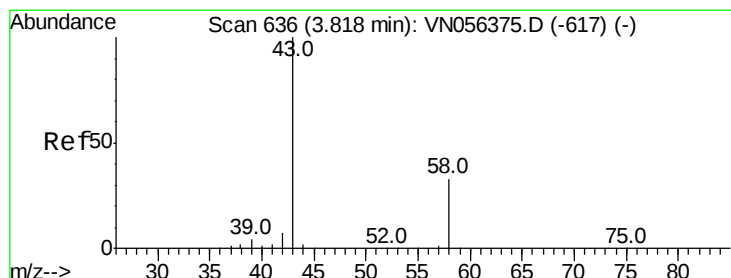
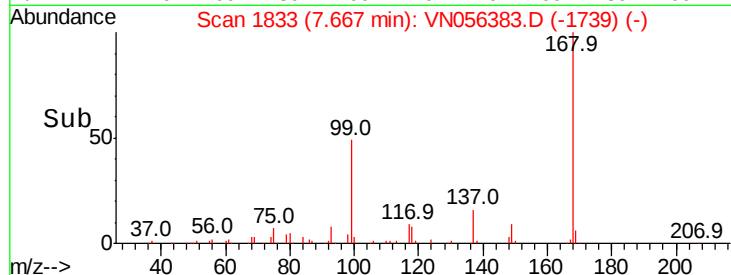
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 8.009 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056383.D

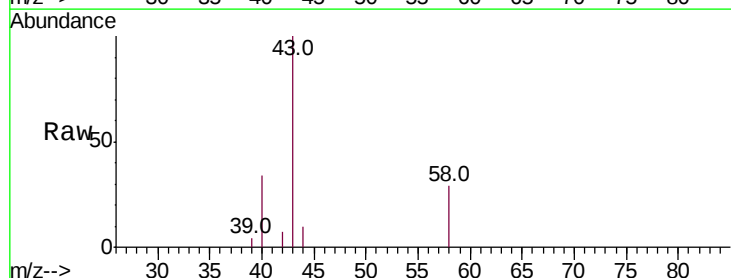
Acq: 19 Jun 2019 13:46

Tgt Ion: 43 Resp: 16716

Ion Ratio Lower Upper

43 100

58 28.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN056383.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN056383.D (-543) (-)

3.82

6000

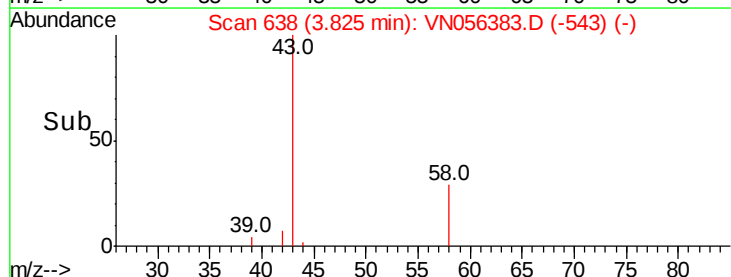
4000

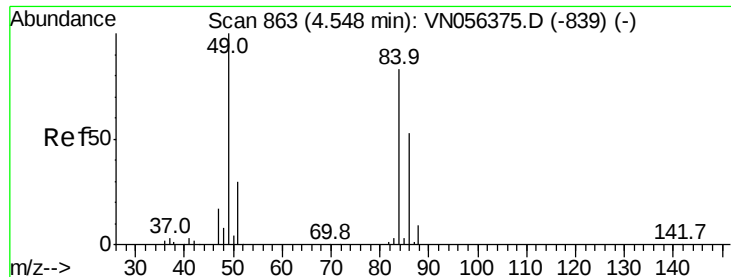
2000

0

3.75 3.80 3.85 3.90

Time-->

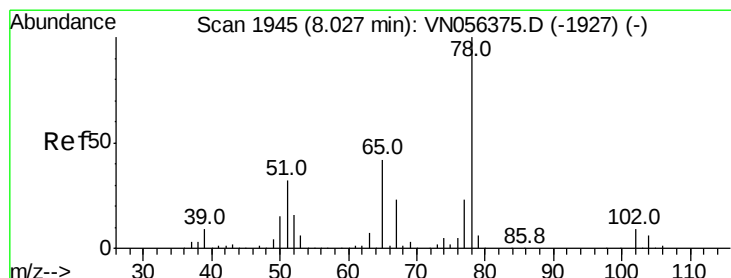
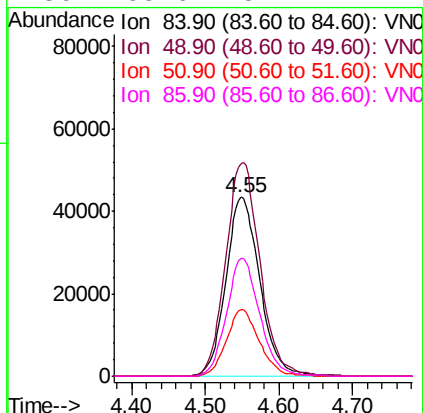
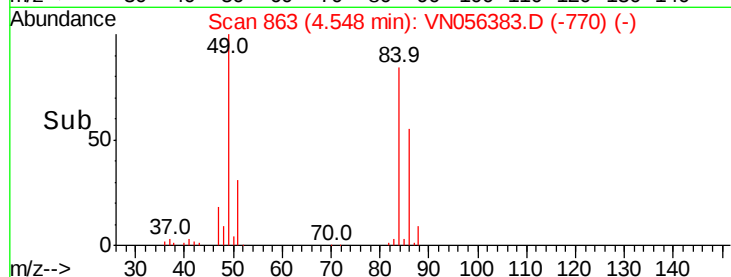
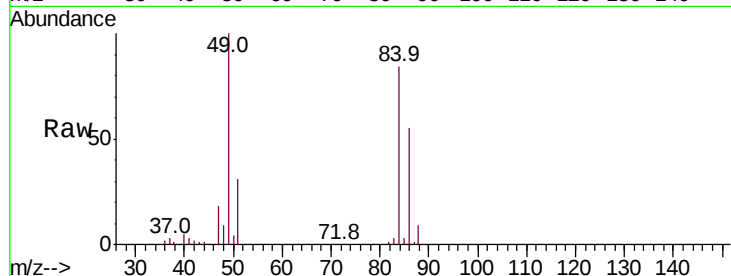




#20
Methvlene Chloride
Concen: 34.987 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056383.D
Acq: 19 Jun 2019 13:46

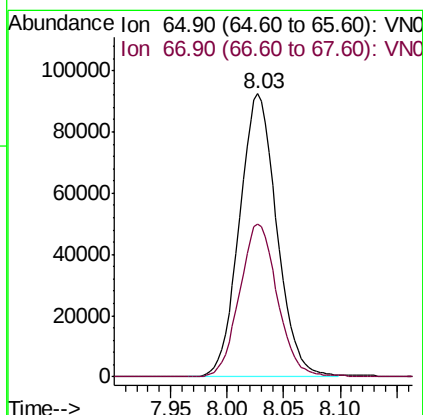
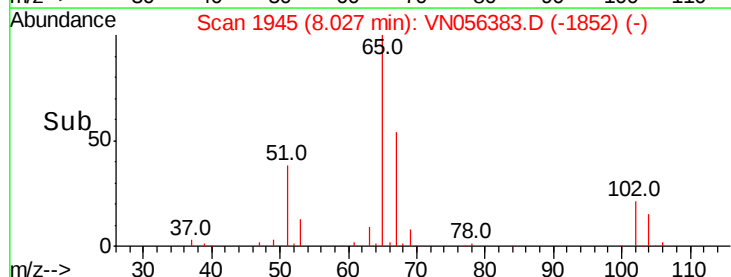
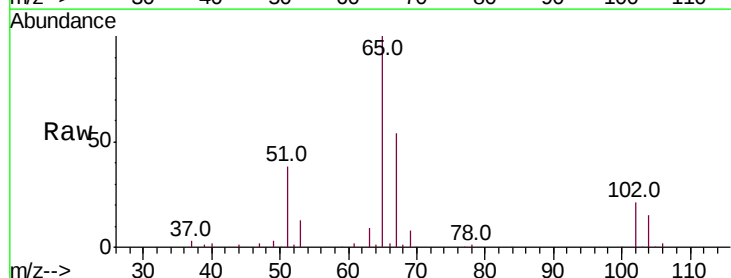
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-3

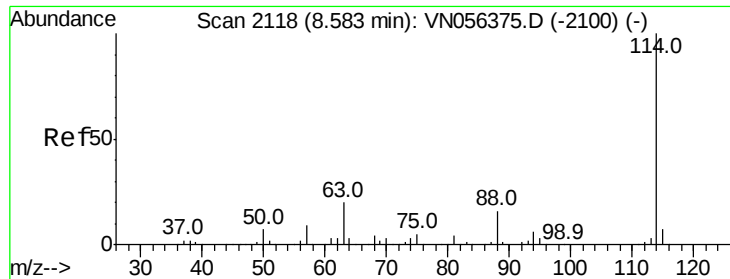
Tot Ion:	84	Resp:	138717
Ion	Ratio	Lower	Upper
84	100		
49	118.5	96.4	144.6
51	37.2	28.6	43.0
86	65.6	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 51.091 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056383.D
Acq: 19 Jun 2019 13:46

Tgt Ion:	65	Resp:	212847
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	109.0

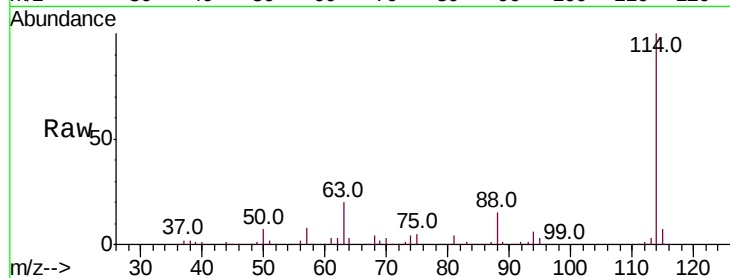




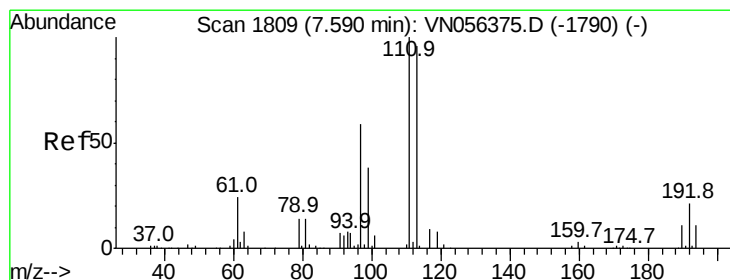
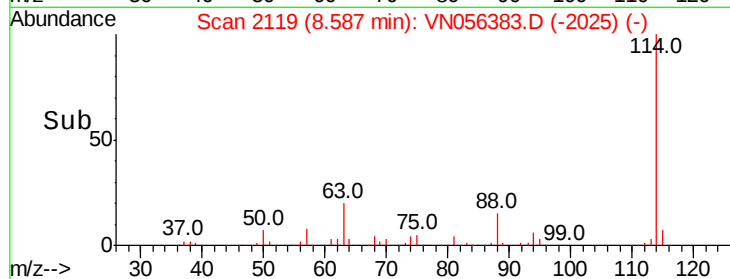
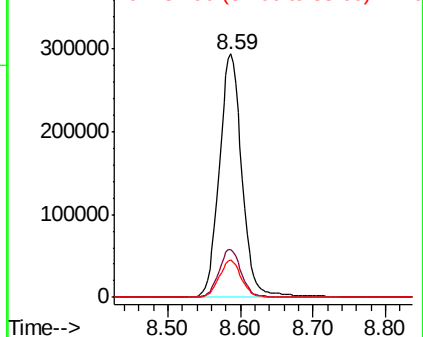
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056383.D
 Acq: 19 Jun 2019 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-3

Tot Ion:114 Resp: 636492
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.2 0.0 31.4

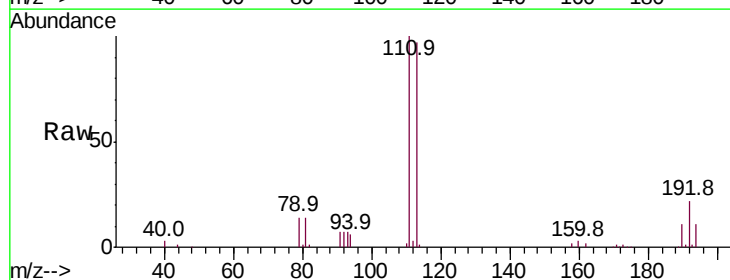


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

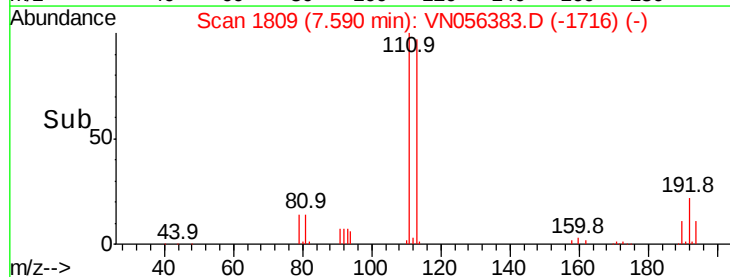
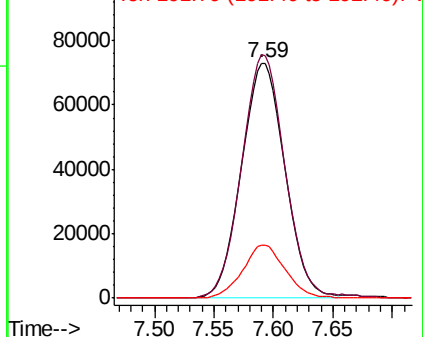


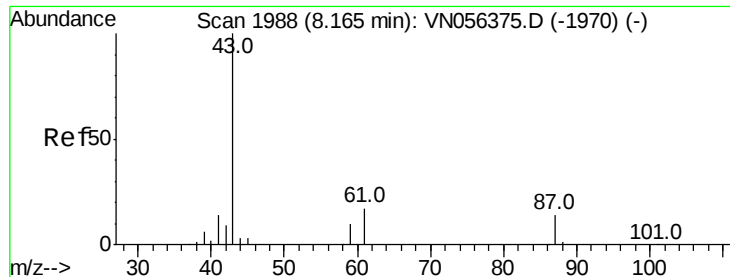
#35
 Dibromofluoromethane
 Concen: 46.575 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056383.D
 Acq: 19 Jun 2019 13:46

Tgt Ion:113 Resp: 184932
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.9 124.3
 192 22.1 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: 1.530 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampleId :

SAMPLE-3

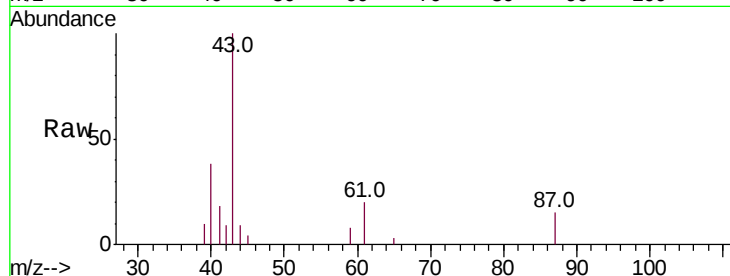
Tot Ion: 43 Resp: 12993

Ion Ratio Lower Upper

43 100

61 19.7 22.0 33.0#

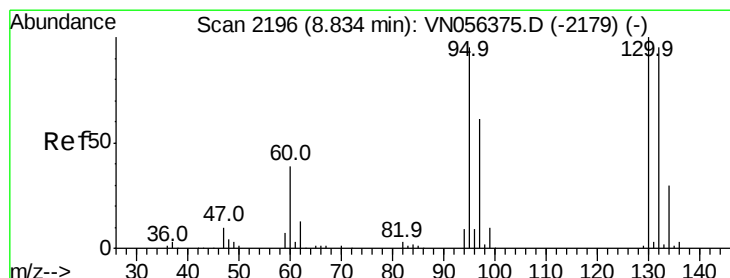
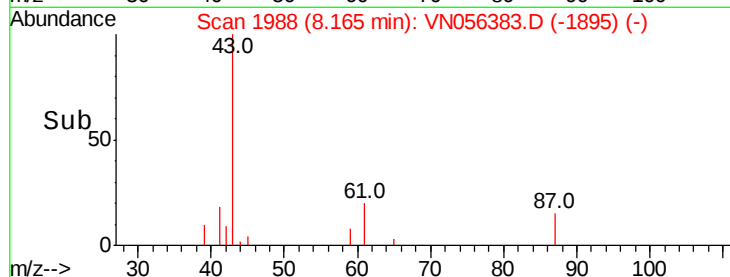
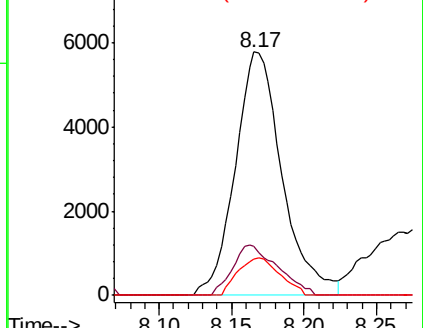
87 13.8 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 1.700 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056383.D

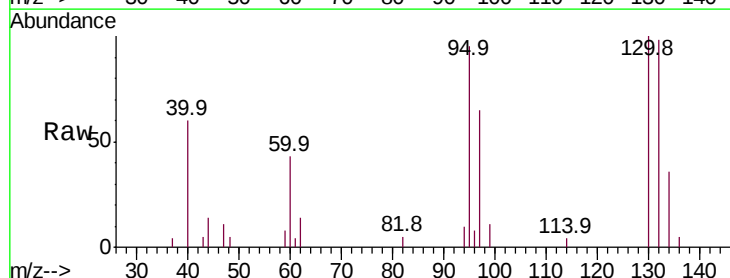
Acq: 19 Jun 2019 13:46

Tgt Ion:130 Resp: 7891

Ion Ratio Lower Upper

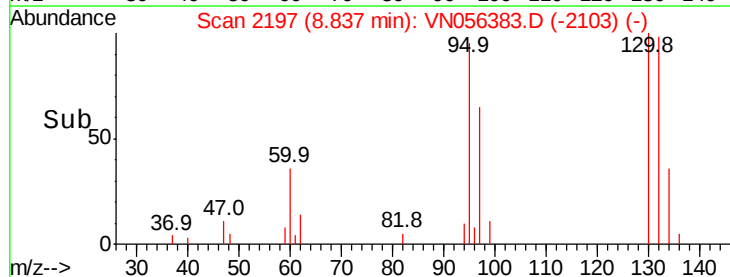
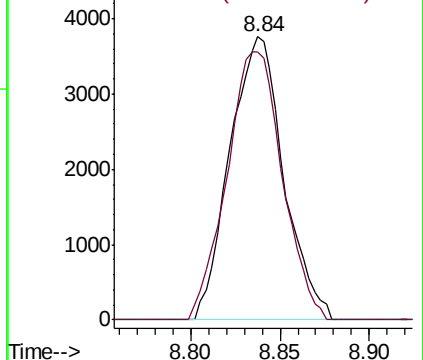
130 100

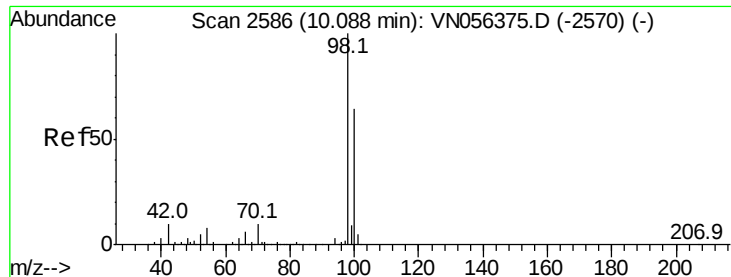
95 94.9 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#50

Toluene-d8

Concen: 51.944 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampleId :

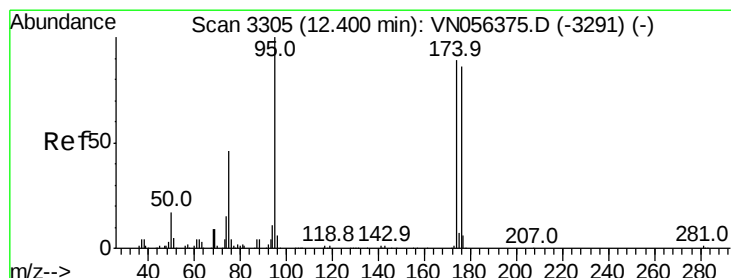
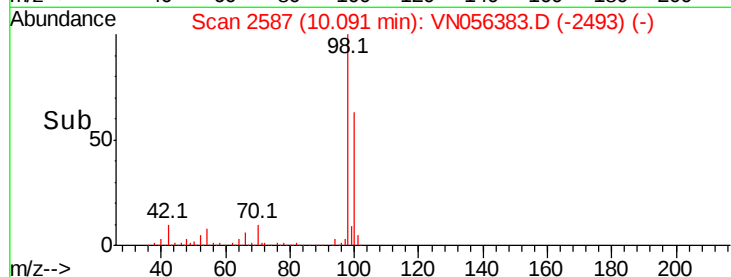
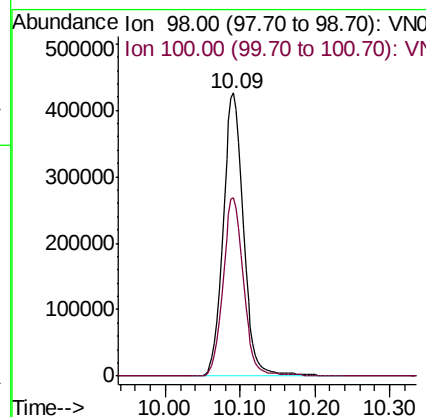
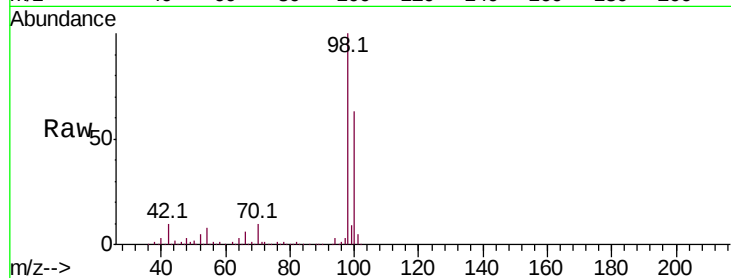
SAMPLE-3

Tot Ion: 98 Resp: 802538

Ion Ratio Lower Upper

98 100

100 63.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 51.700 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

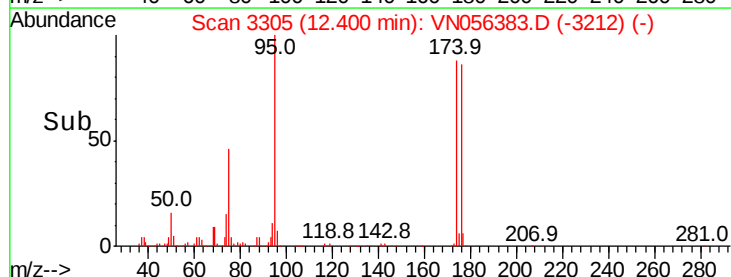
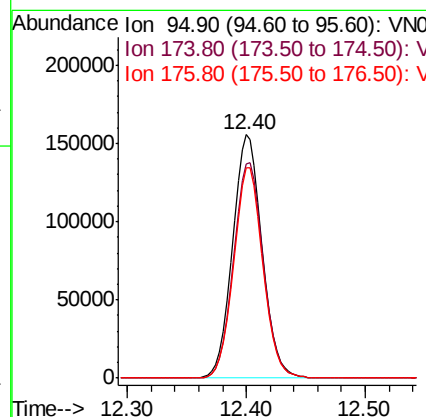
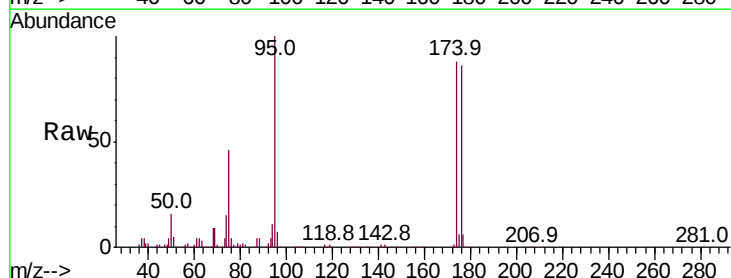
Tgt Ion: 95 Resp: 266279

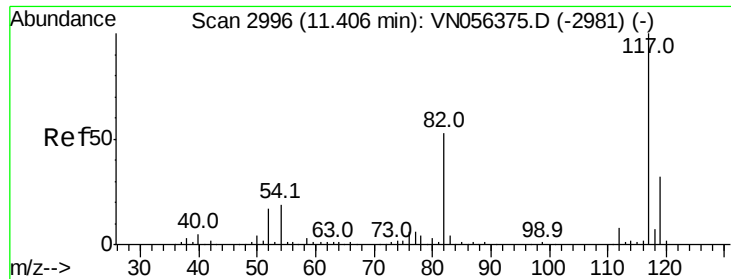
Ion Ratio Lower Upper

95 100

174 89.2 0.0 179.4

176 86.0 0.0 173.4

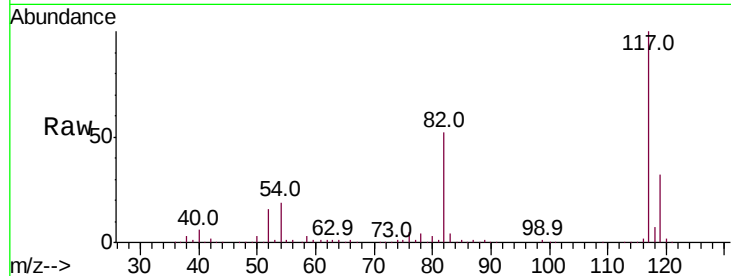




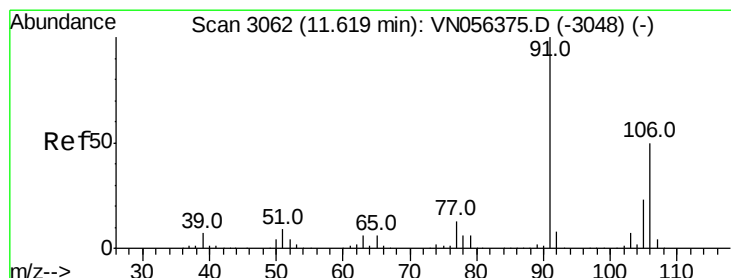
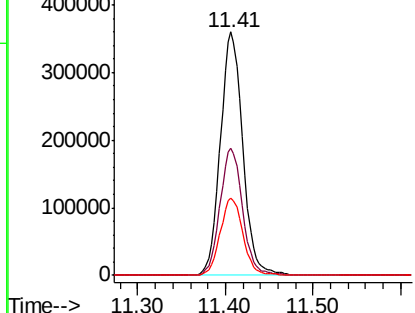
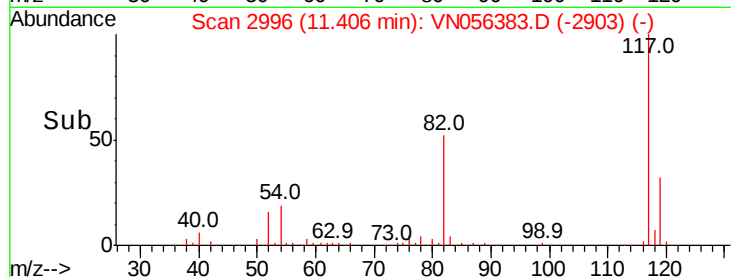
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056383.D
Acq: 19 Jun 2019 13:46

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-3

Tot Ion:117 Resp: 640515
Ion Ratio Lower Upper
117 100
82 52.4 42.0 63.0
119 31.9 25.3 37.9

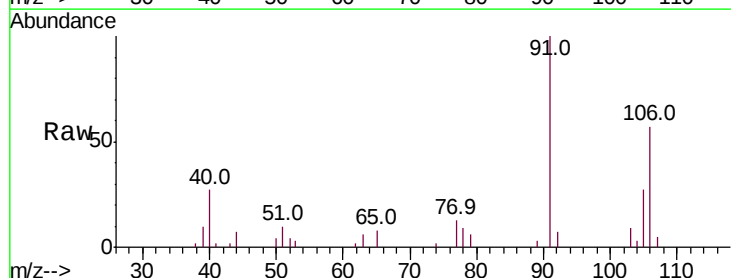


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

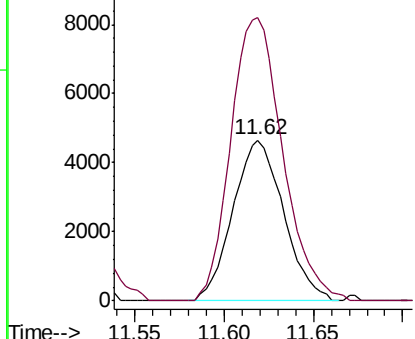
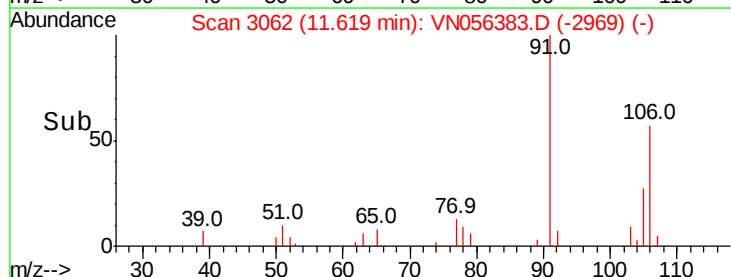


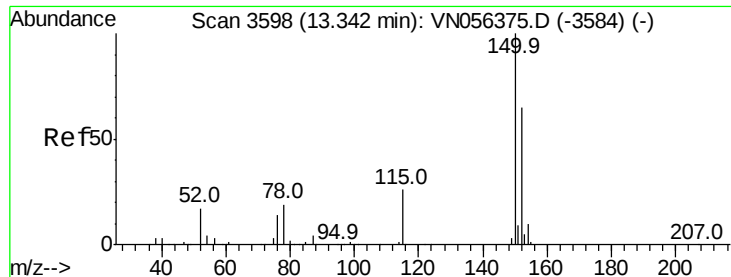
#68
m/p-Xylenes
Concen: 1.114 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056383.D
Acq: 19 Jun 2019 13:46

Tgt Ion:106 Resp: 9222
Ion Ratio Lower Upper
106 100
91 181.0 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampleId :

SAMPLE-3

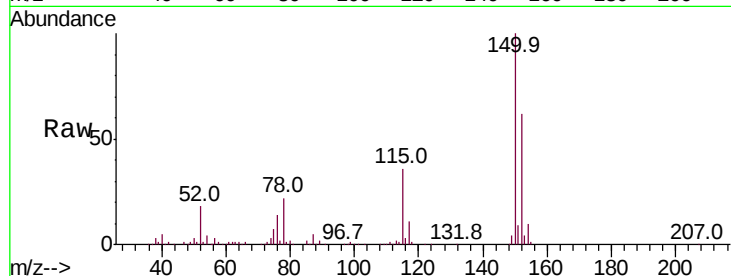
Tot Ion:152 Resp: 194023

Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.4

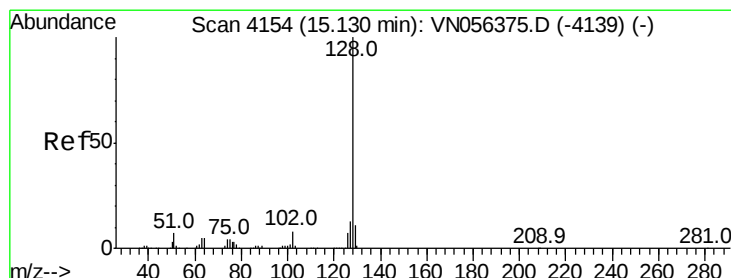
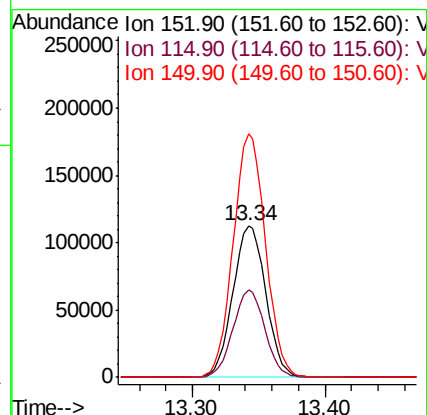
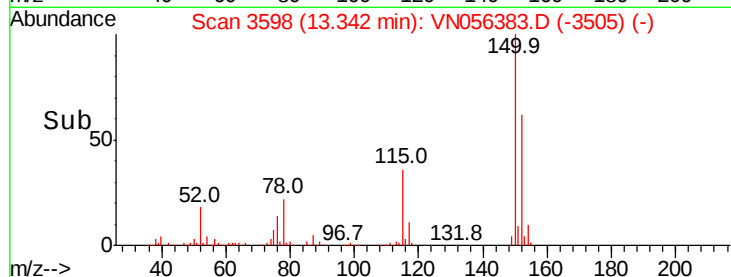
150 157.5 0.0 348.4



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: 6.053 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

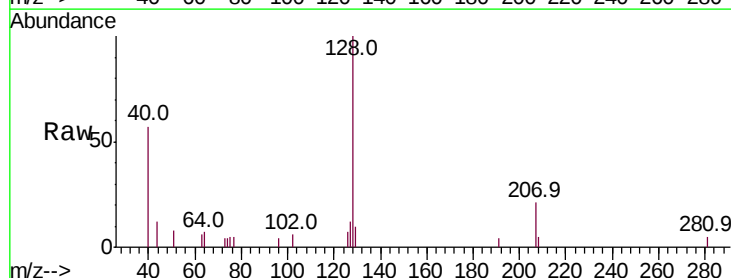
Tgt Ion:128 Resp: 8021

Ion Ratio Lower Upper

128 100

127 11.2 10.2 15.2

129 7.7 8.6 12.8#



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

