

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055241.D
 Acq On : 25 Apr 2019 13:02
 Operator : JC/SP
 Sample : K2544-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 135-20

Quant Time: Apr 26 03:19:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

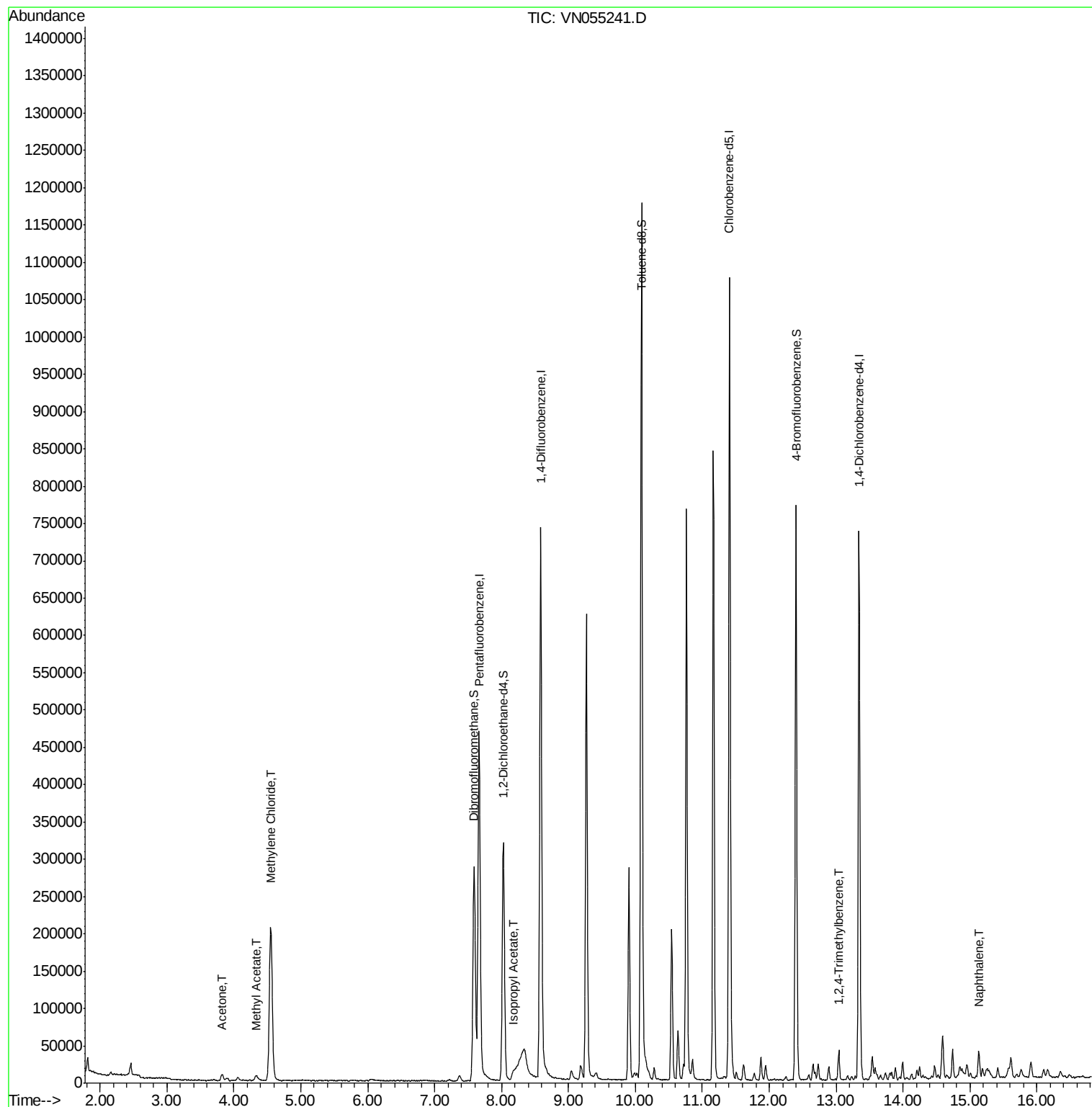
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	403184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	685658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	631103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	274453	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	7.59	113	218478	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
50) Toluene-d8	10.09	98	851411	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.40	95	266100	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
Target Compounds						
16) Acetone	3.82	43	13786	7.642	ug/l #	88
18) Methyl Acetate	4.33	43	14825	2.759	ug/l #	58
20) Methylene Chloride	4.55	84	144287	27.821	ug/l	98
43) Isopropyl Acetate	8.18	43	17777	2.137	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.04	105	24032	1.739	ug/l	92
95) Naphthalene	15.13	128	28451	7.607	ug/l	95

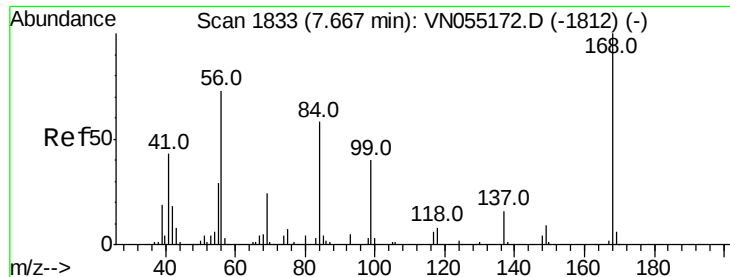
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042519\
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Quant Time: Apr 26 03:19:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

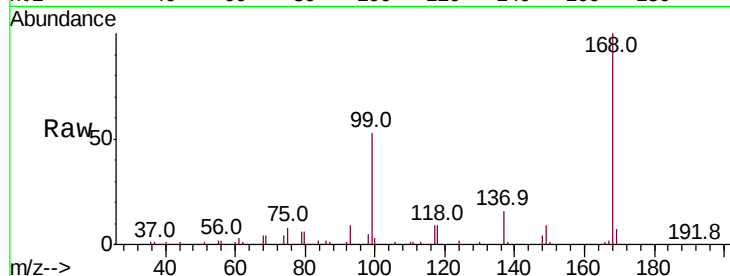
135-20

Tot Ion:168 Resp: 403184

Ion Ratio Lower Upper

168 100

99 53.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN055241.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055241.D (-1740) (-)

7.66

150000

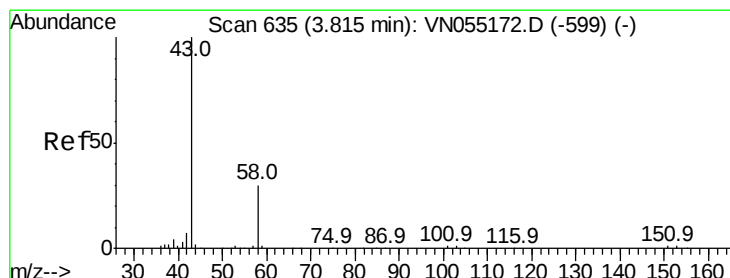
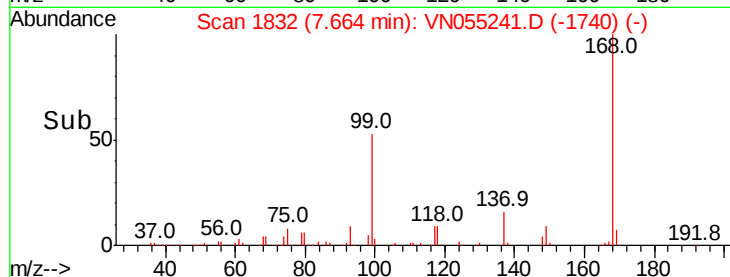
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 7.642 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055241.D

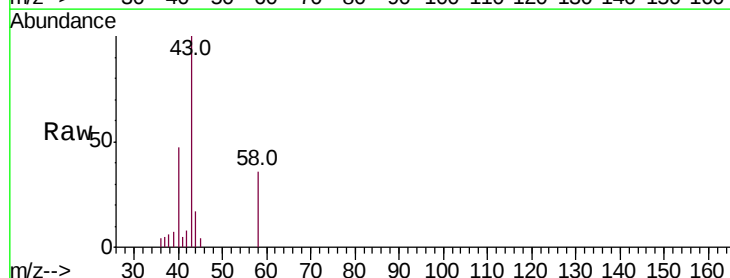
Acq: 25 Apr 2019 13:02

Tgt Ion: 43 Resp: 13786

Ion Ratio Lower Upper

43 100

58 36.0 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VN055241.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN055241.D (-542) (-)

3.82

5000

4000

3000

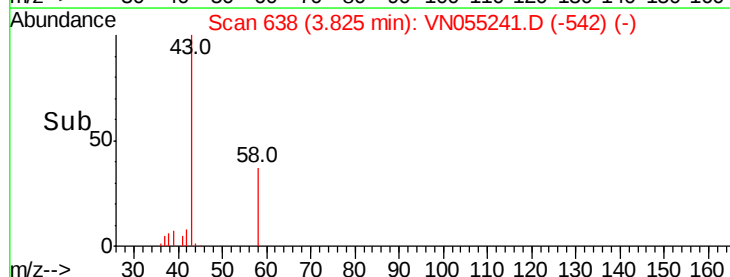
2000

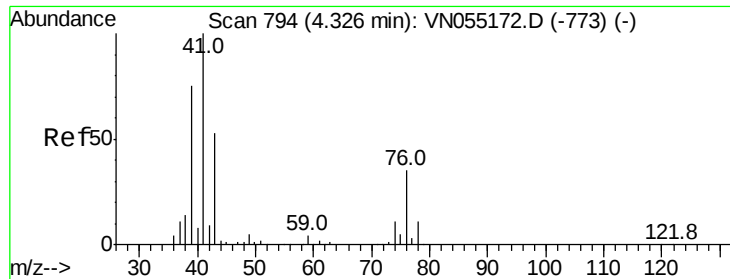
1000

0

3.75 3.80 3.85 3.90

Time-->

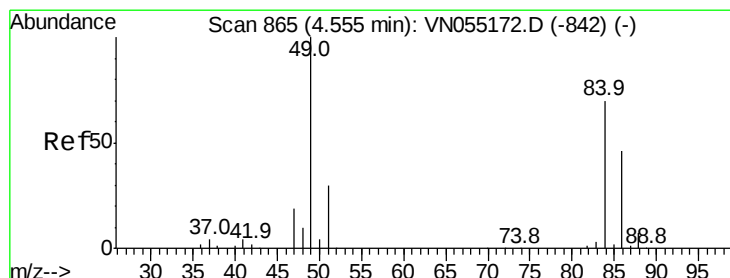
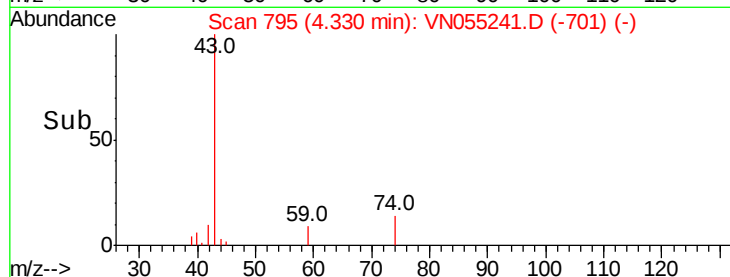
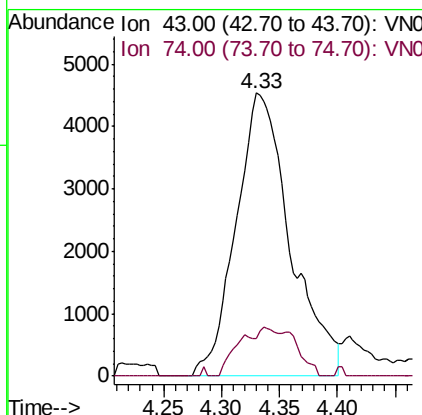
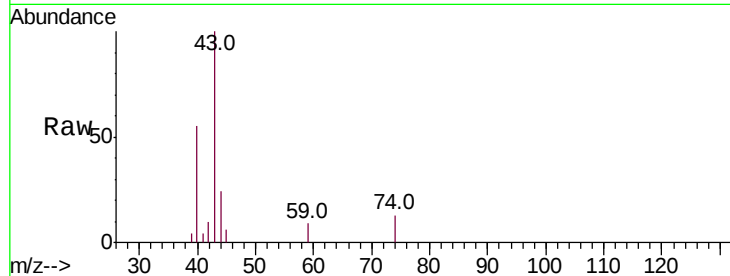




#18
Methyl Acetate
Concen: 2.759 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055241.D
Acq: 25 Apr 2019 13:02

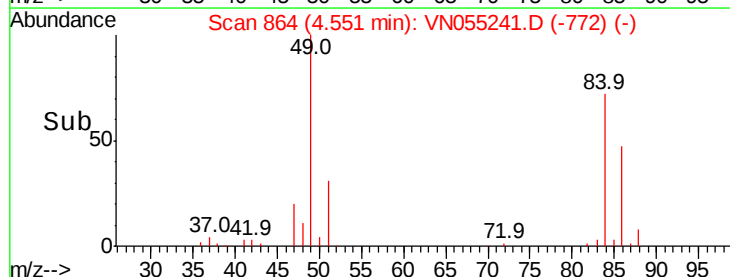
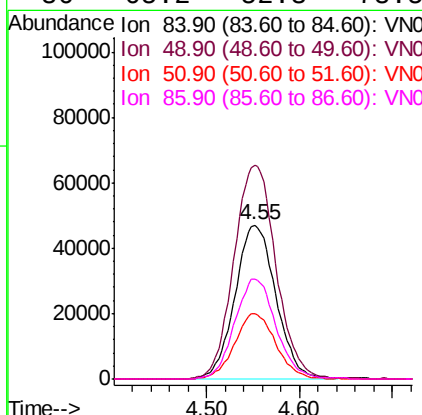
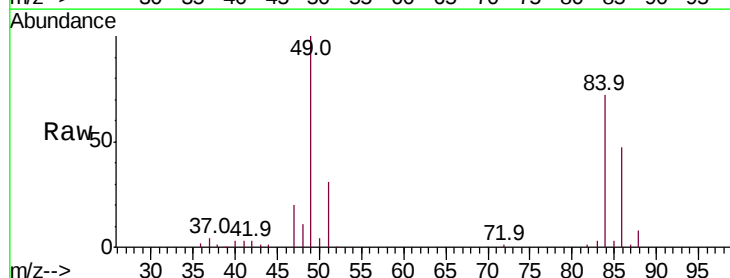
Instrument :
MSVOA_N
ClientSampleId :
135-20

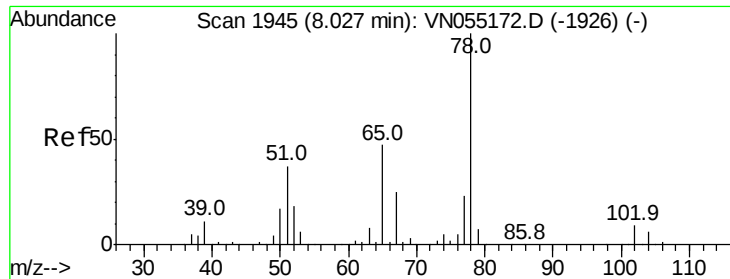
Tot Ion: 43 Resp: 14825
Ion Ratio Lower Upper
43 100
74 1.5 16.7 25.1#



#20
Methylene Chloride
Concen: 27.821 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055241.D
Acq: 25 Apr 2019 13:02

Tgt Ion: 84 Resp: 144287
Ion Ratio Lower Upper
84 100
49 138.5 113.8 170.6
51 42.6 34.0 51.0
86 65.2 52.3 78.5

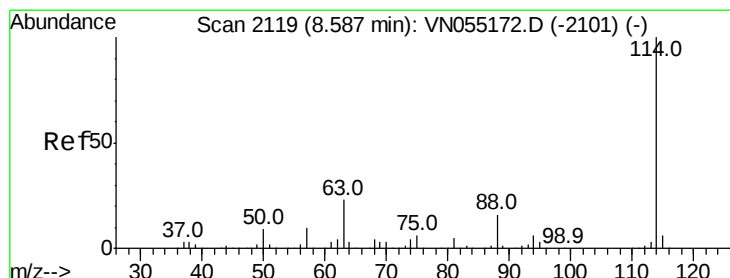
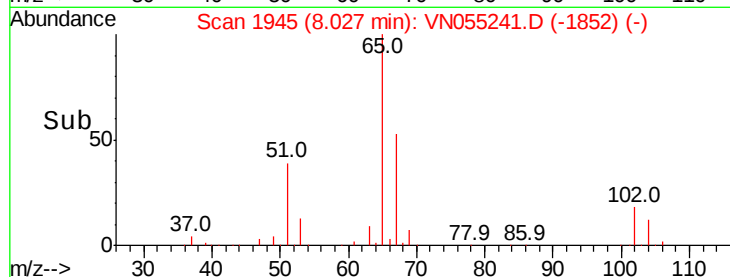
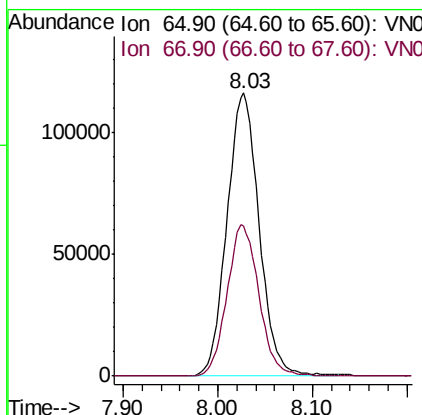
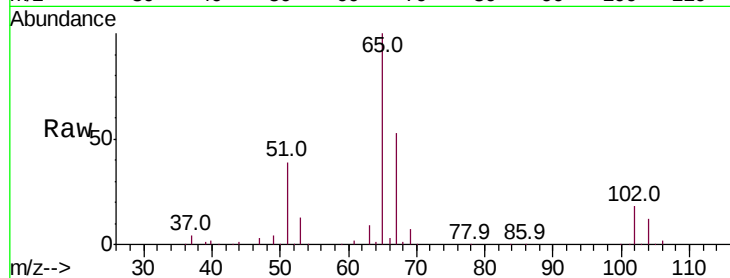




#33
 1,2-Dichloroethane-d4
 Concen: 50.292 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055241.D
 Acq: 25 Apr 2019 13:02

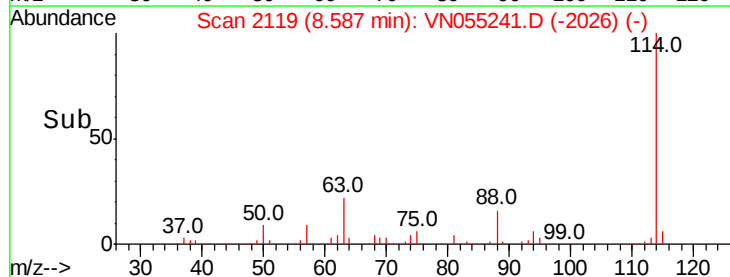
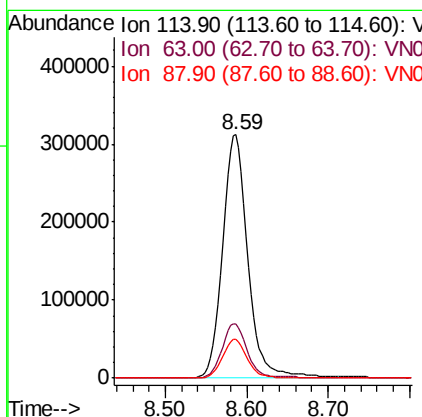
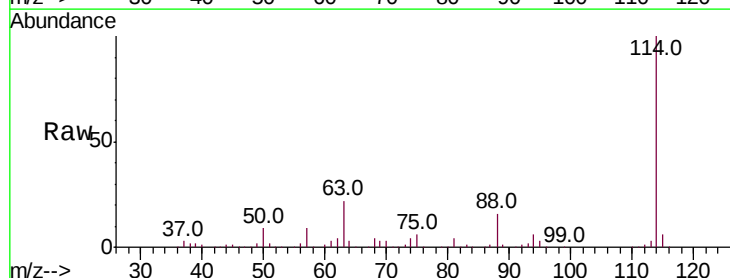
Instrument :
 MSVOA_N
 ClientSampled :
 135-20

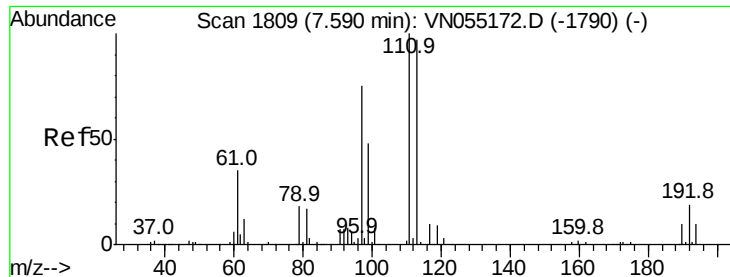
Tot Ion: 65 Resp: 274453
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055241.D
 Acq: 25 Apr 2019 13:02

Tgt Ion: 114 Resp: 685658
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.2
 88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.904 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

135-20

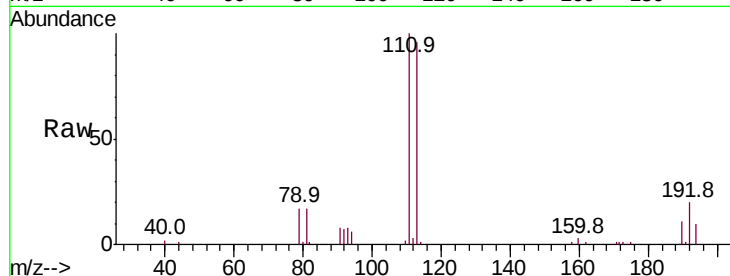
Tot Ion:113 Resp: 218478

Ion Ratio Lower Upper

113 100

111 103.1 81.0 121.4

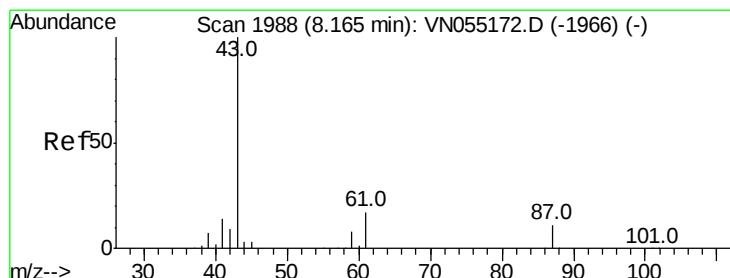
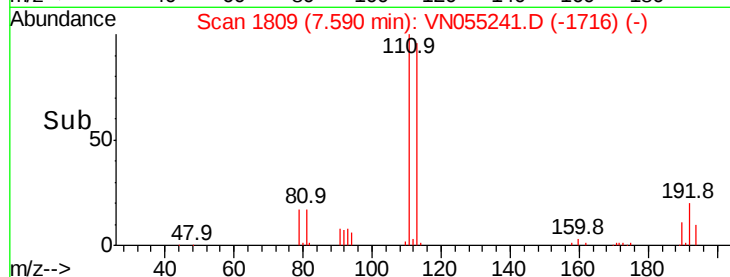
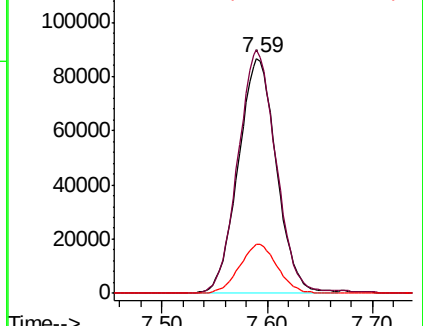
192 20.7 16.2 24.4



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: 2.137 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

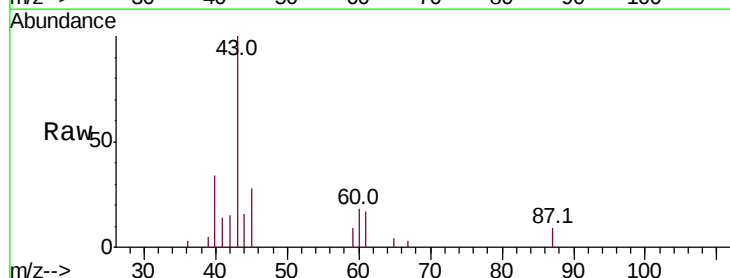
Tgt Ion: 43 Resp: 17777

Ion Ratio Lower Upper

43 100

61 4.9 20.6 30.8#

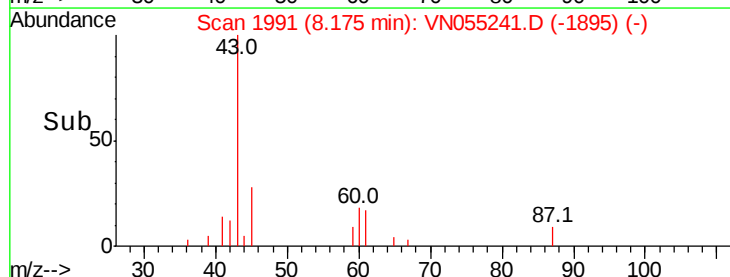
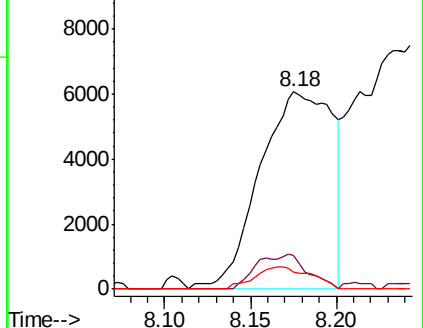
87 8.7 8.8 13.2#

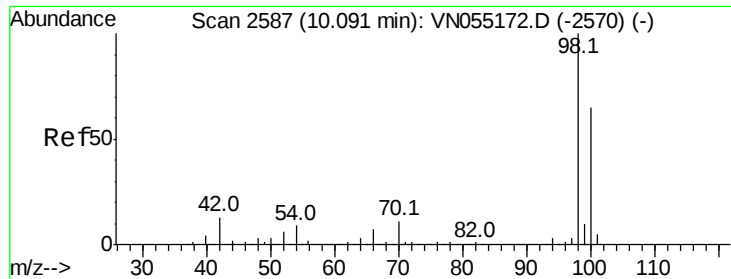


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 49.333 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

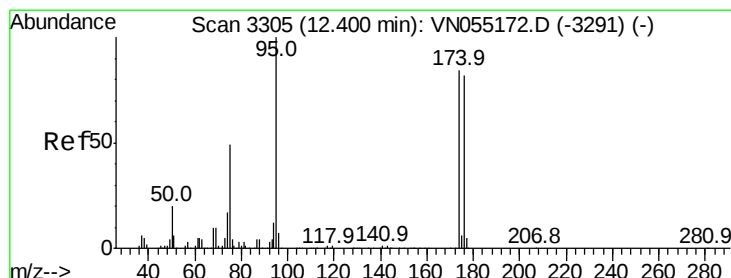
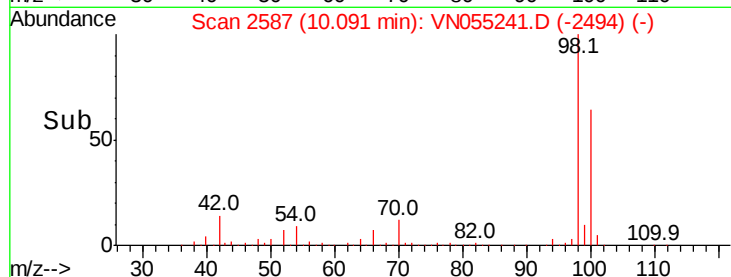
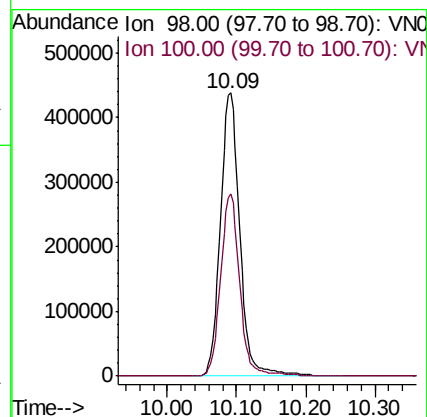
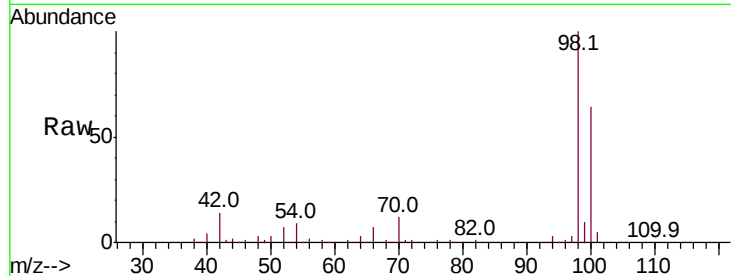
135-20

Tot Ion: 98 Resp: 851411

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 48.689 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

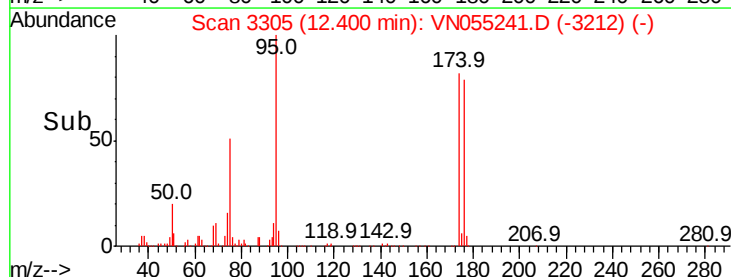
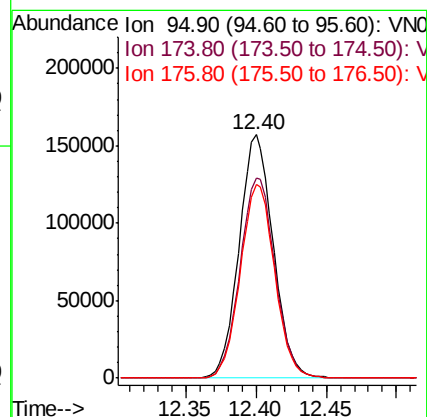
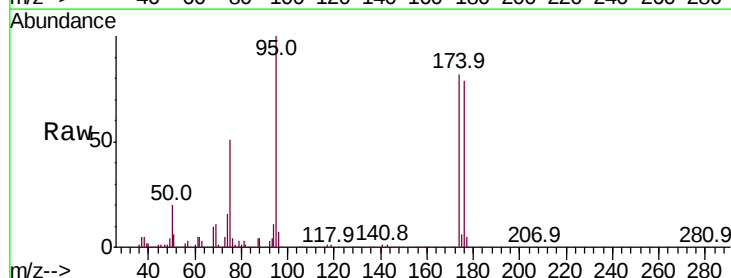
Tgt Ion: 95 Resp: 266100

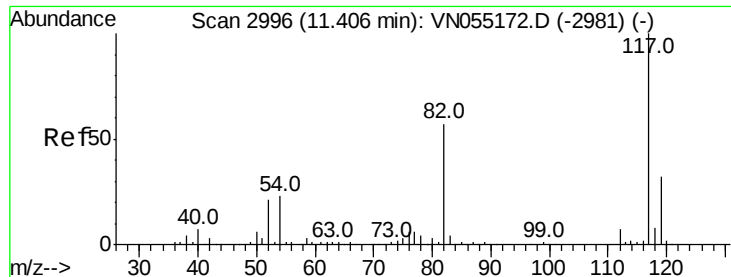
Ion Ratio Lower Upper

95 100

174 84.5 0.0 168.4

176 80.5 0.0 164.0

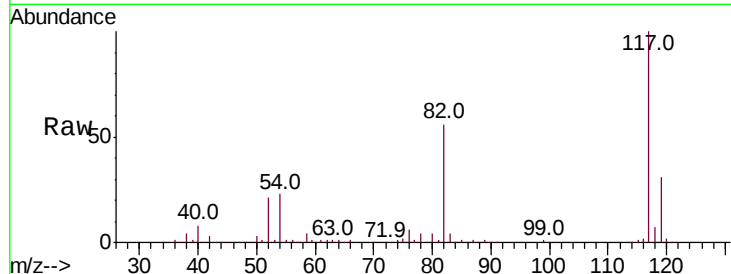




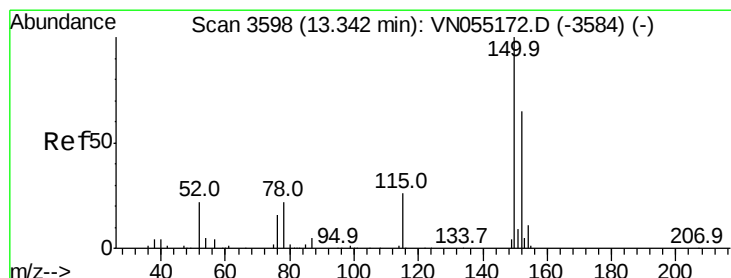
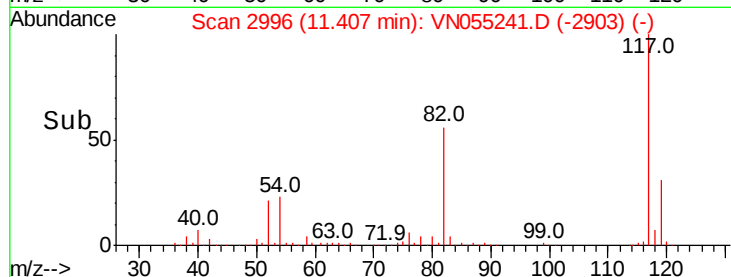
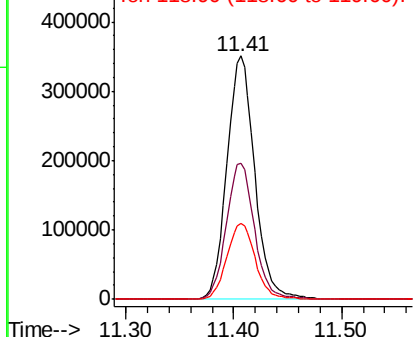
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055241.D
Acq: 25 Apr 2019 13:02

Instrument :
MSVOA_N
ClientSampleId :
135-20

Tot Ion:117 Resp: 631103
Ion Ratio Lower Upper
117 100
82 56.1 45.7 68.5
119 31.3 25.4 38.2

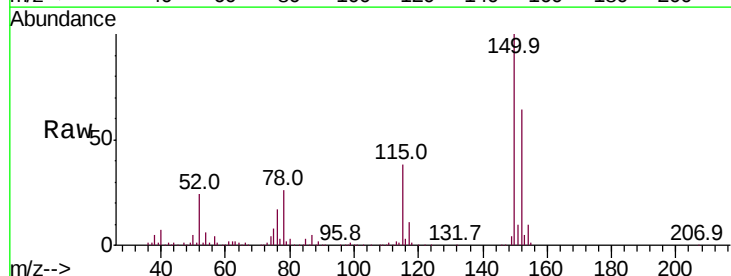


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

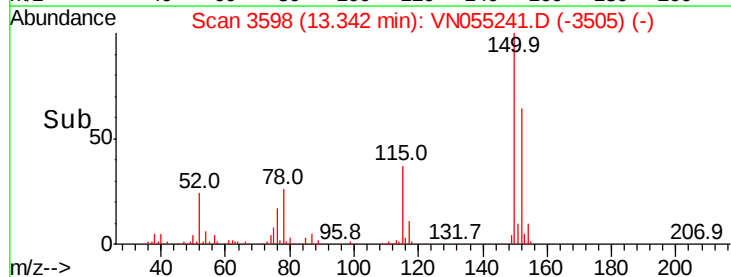
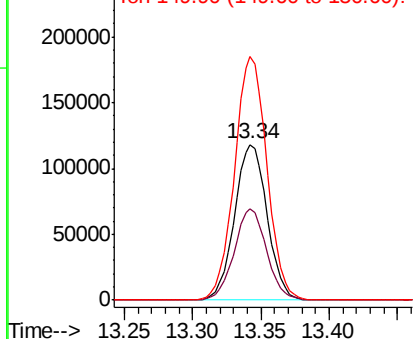


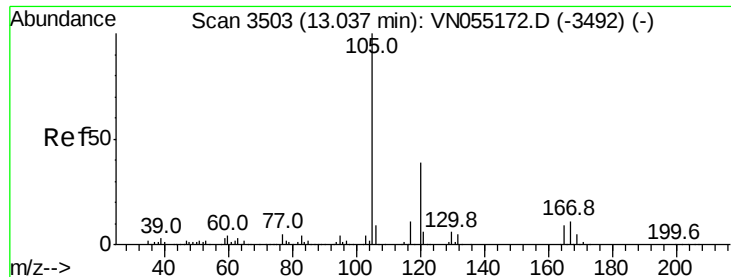
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055241.D
Acq: 25 Apr 2019 13:02

Tgt Ion:152 Resp: 195656
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.7
150 155.6 0.0 346.6



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





#84

1,2,4-Trimethylbenzene

Concen: 1.739 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

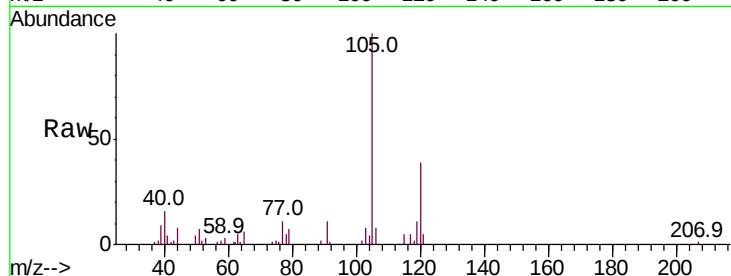
135-20

Tot Ion:105 Resp: 24032

Ion Ratio Lower Upper

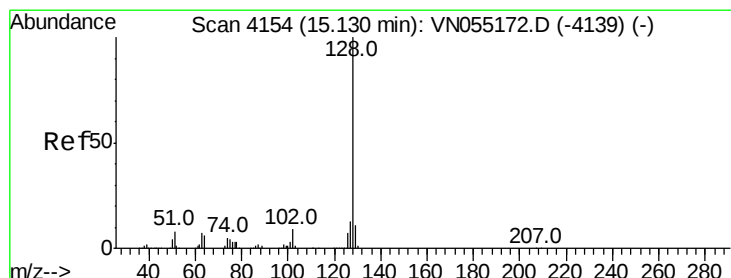
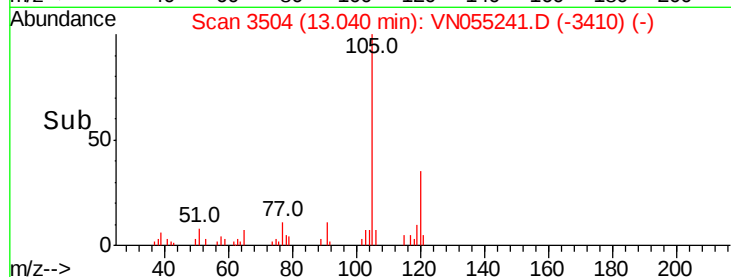
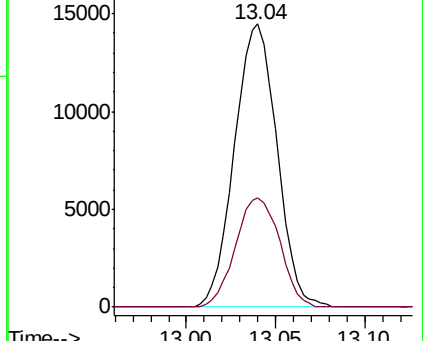
105 100

120 40.1 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 7.607 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055241.D

Acq: 25 Apr 2019 13:02

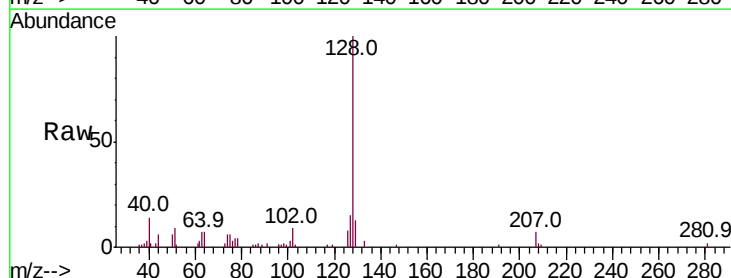
Tgt Ion:128 Resp: 28451

Ion Ratio Lower Upper

128 100

127 14.9 10.3 15.5

129 12.8 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

