

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100219\
 Data File : VN058496.D
 Acq On : 2 Oct 2019 23:41
 Operator : JC/SP
 Sample : K5131-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190831-COMPOSITE-G

Quant Time: Oct 03 06:36:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

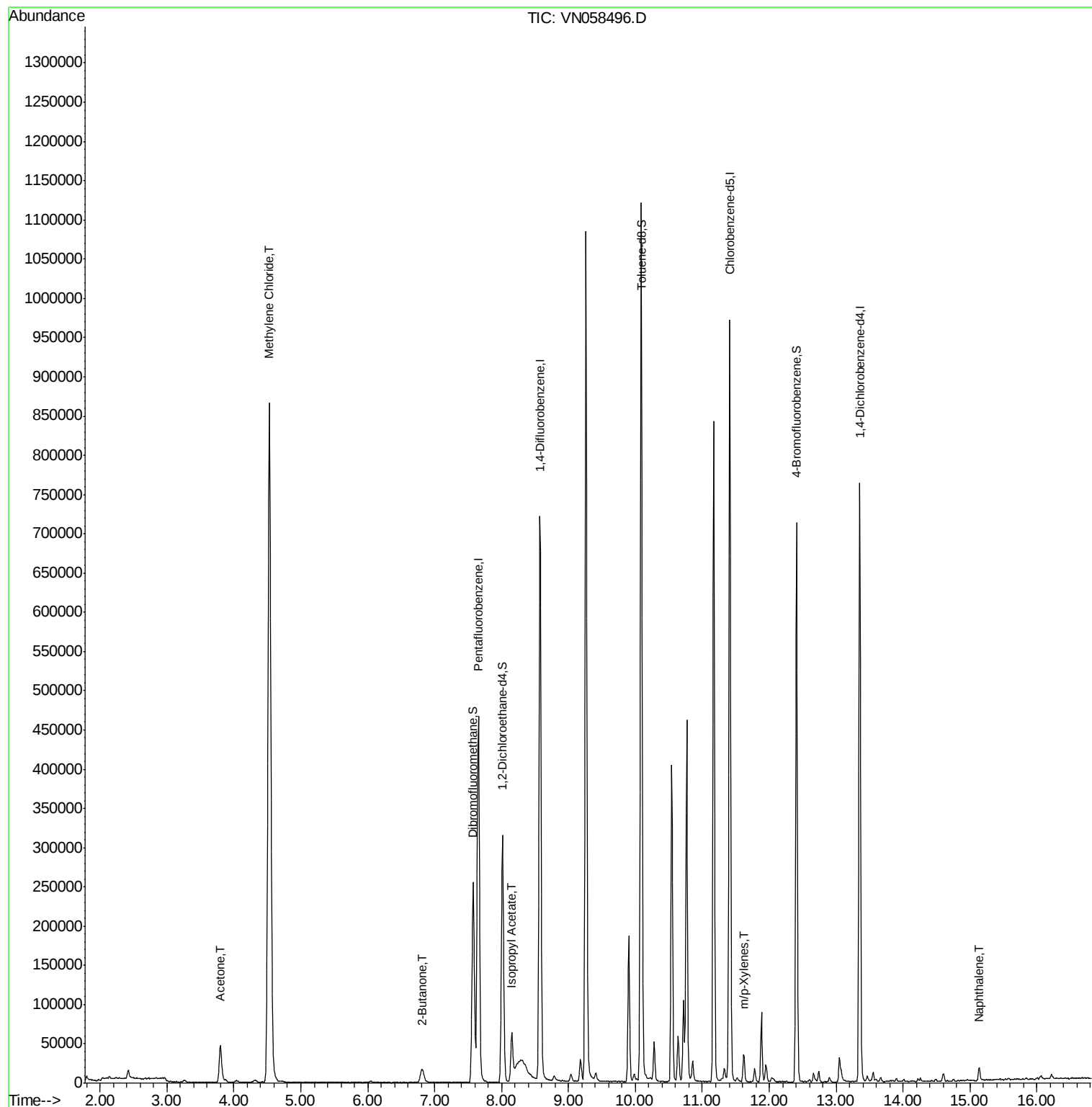
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	365718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	618571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	529073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	193439	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	275920	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
35) Dibromofluoromethane	7.58	113	190537	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	10.09	98	777056	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.41	95	239515	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	
Target Compounds						
16) Acetone	3.80	43	80804	44.353	ug/l	97
20) Methylene Chloride	4.53	84	625894	148.869	ug/l	99
25) 2-Butanone	6.83	43	15423	6.166	ug/l	98
43) Isopropyl Acetate	8.15	43	81284	8.620	ug/l	97
68) m/p-Xylenes	11.62	106	10491	1.464	ug/l	100
95) Naphthalene	15.14	128	13959	1.449	ug/l	96

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

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QLast Update : Mon Sep 30 08:07:38 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

Instrument :

MSVOA_N

ClientSampleId :

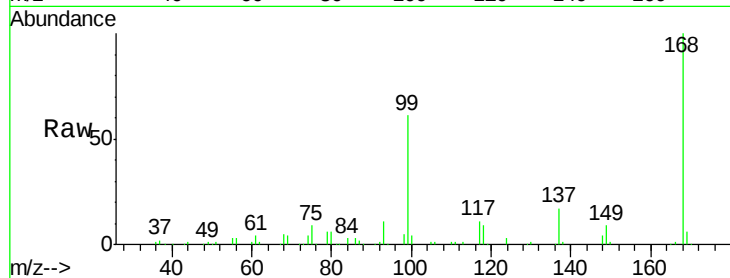
20190831-COMPOSITE-G

Tot Ion:168 Resp: 365718

Ion Ratio Lower Upper

168 100

99 60.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

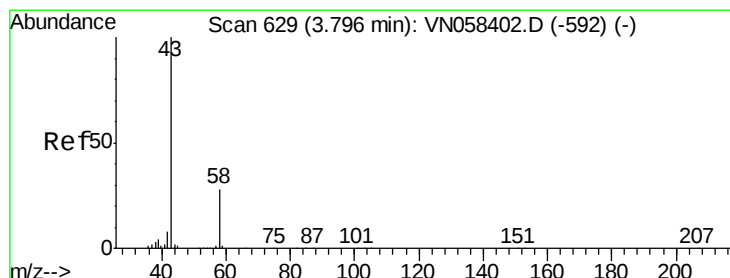
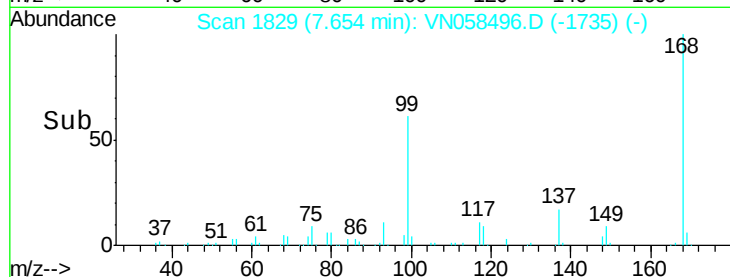
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 44.353 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058496.D

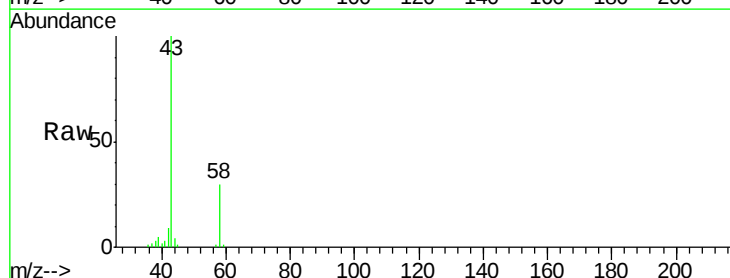
Acq: 2 Oct 2019 23:41

Tgt Ion: 43 Resp: 80804

Ion Ratio Lower Upper

43 100

58 29.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

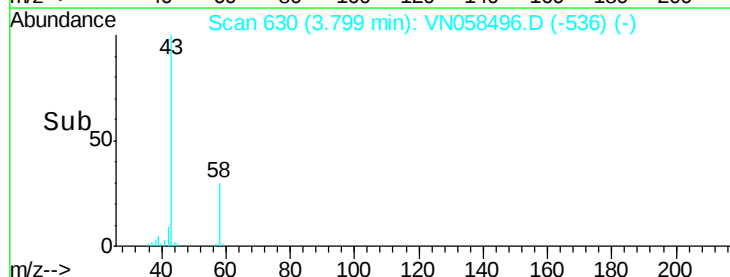
30000

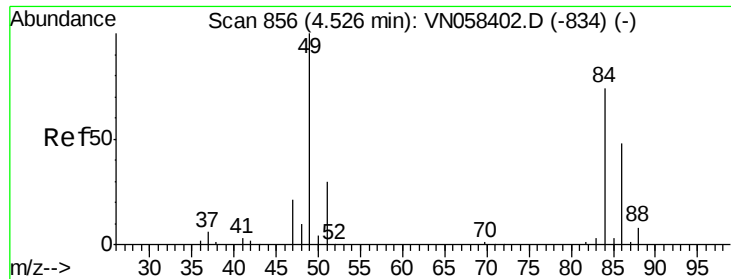
20000

10000

0

Time-->

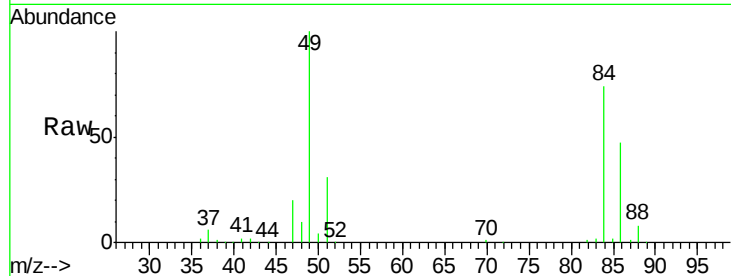




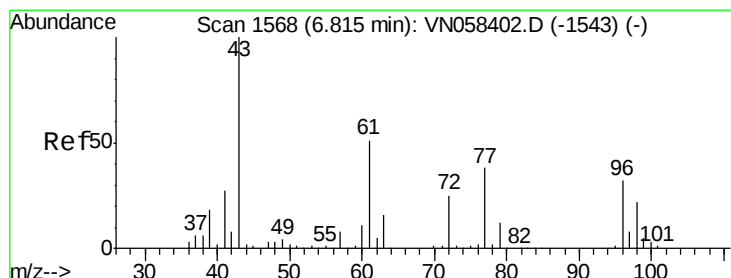
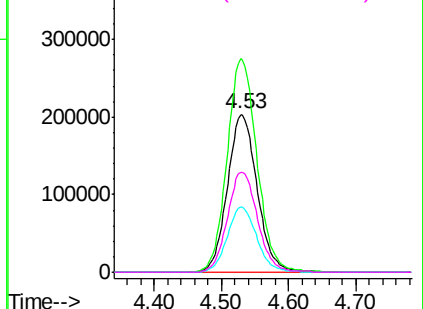
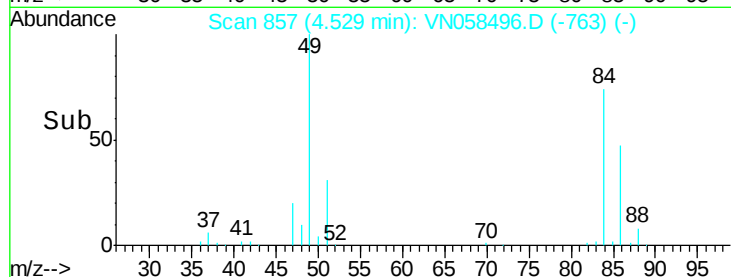
#20
Methvlene Chloride
Concen: 148.869 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

Instrument :
MSVOA_N
ClientSampleId :
20190831-COMPOSITE-G

Tot Ion: 84 Resp: 625894
Ion Ratio Lower Upper
84 100
49 135.6 107.9 161.9
51 41.6 32.8 49.2
86 63.8 51.5 77.3

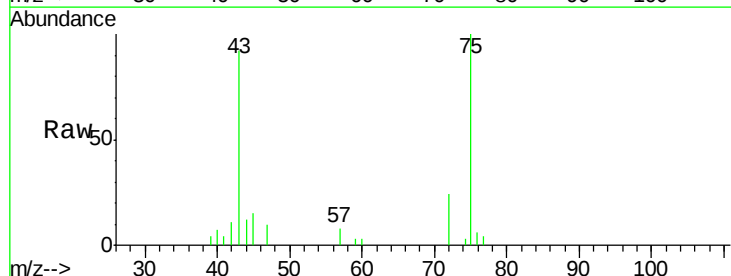


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

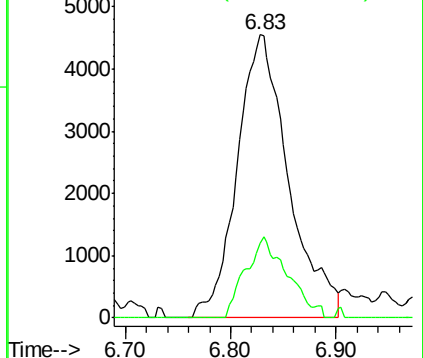
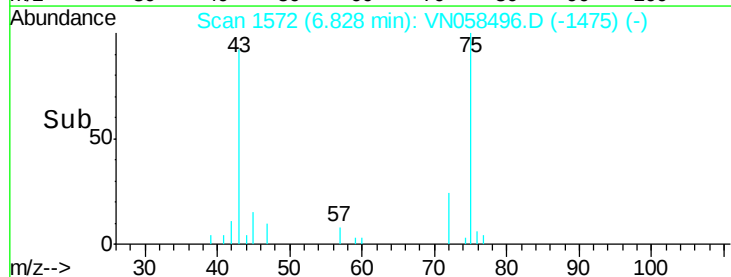


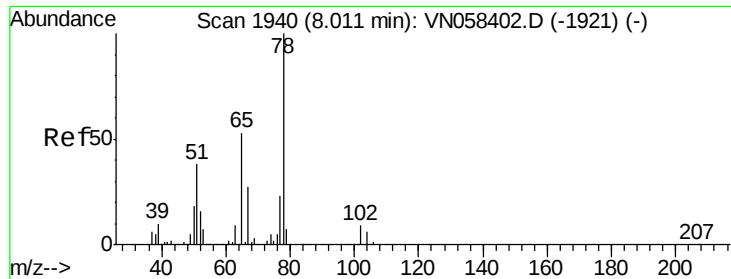
#25
2-Butanone
Concen: 6.166 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

Tgt Ion: 43 Resp: 15423
Ion Ratio Lower Upper
43 100
72 26.5 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 72.00 (71.70 to 72.70): VNC





#33

1,2-Dichloroethane-d4

Concen: 51.628 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

Instrument :

MSVOA_N

ClientSampleId :

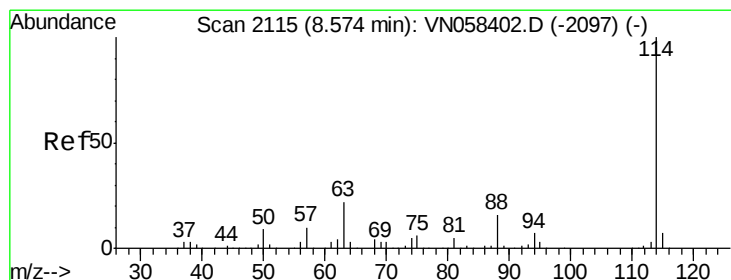
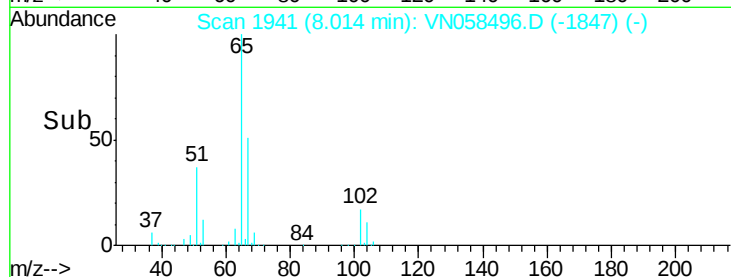
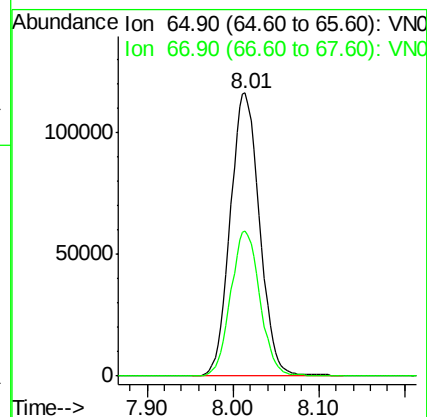
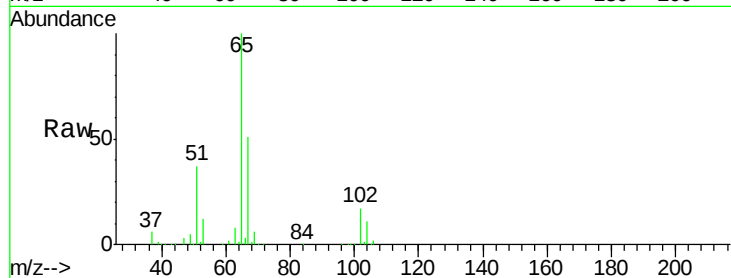
20190831-COMPOSITE-G

Tot Ion: 65 Resp: 275920

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

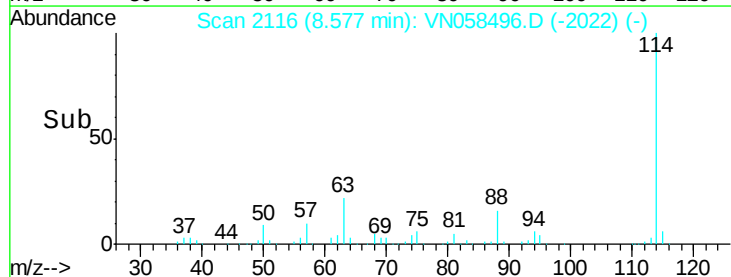
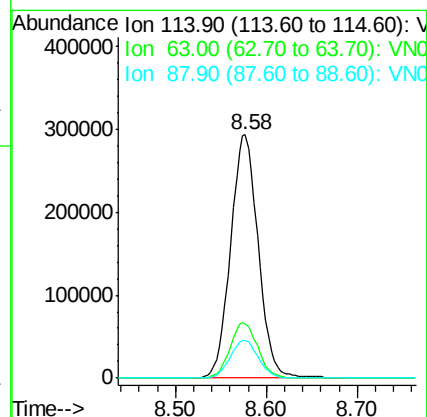
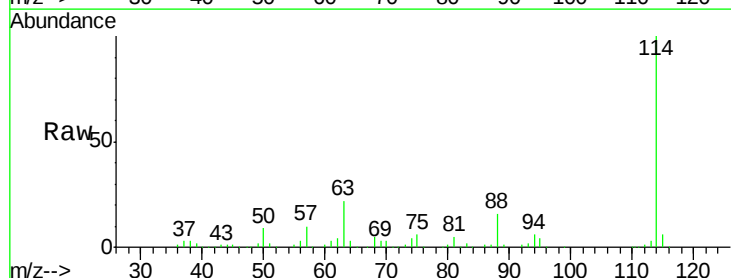
Tgt Ion: 114 Resp: 618571

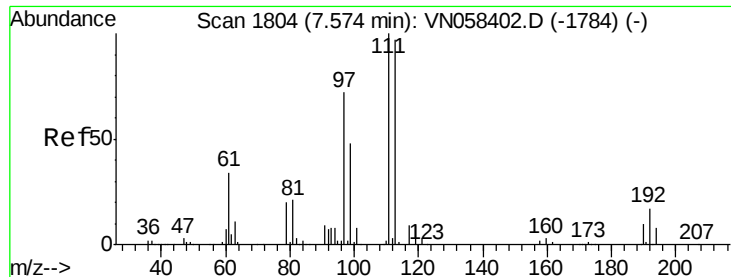
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.258 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

Instrument :

MSVOA_N

ClientSampleId :

20190831-COMPOSITE-G

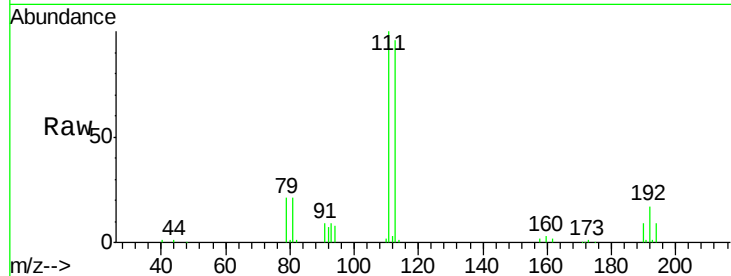
Tot Ion:113 Resp: 190537

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

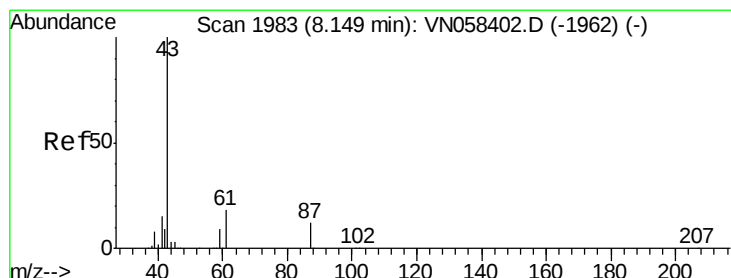
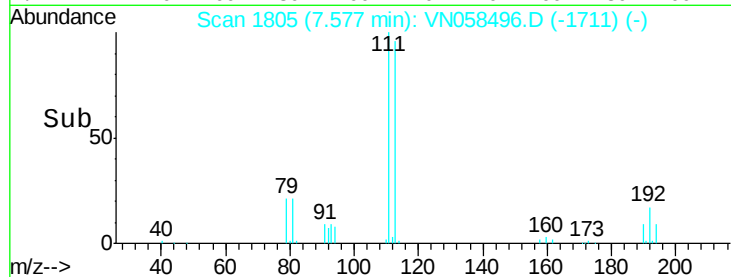
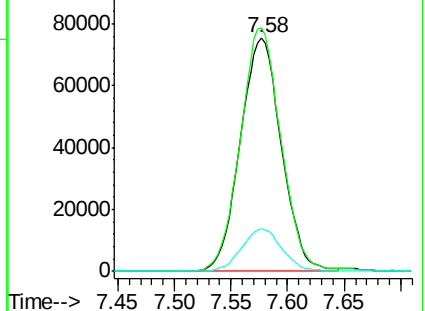
192 18.0 14.9 22.3



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: 8.620 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

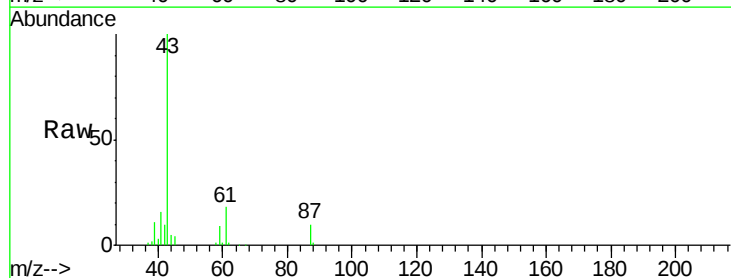
Tgt Ion: 43 Resp: 81284

Ion Ratio Lower Upper

43 100

61 17.7 14.8 22.2

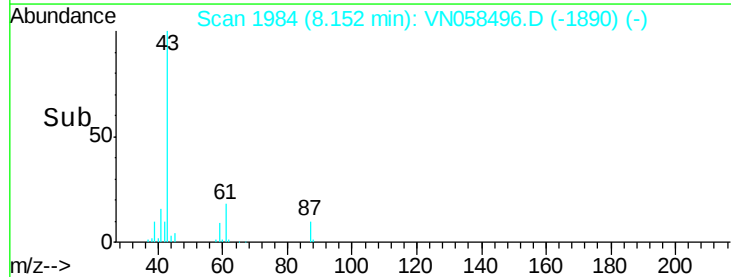
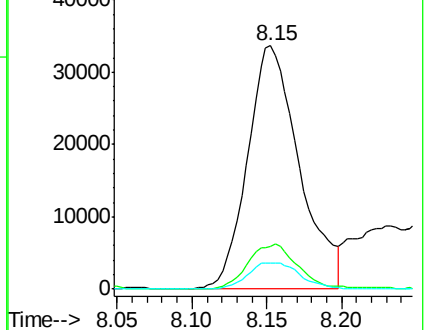
87 10.7 9.7 14.5

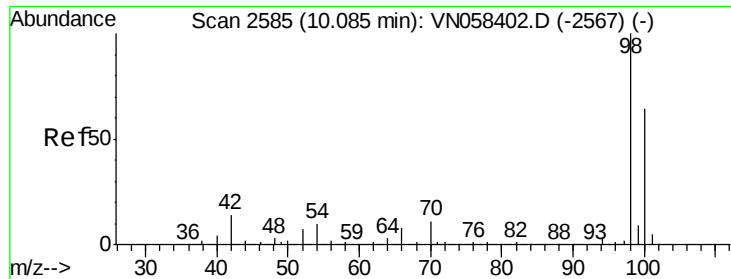


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

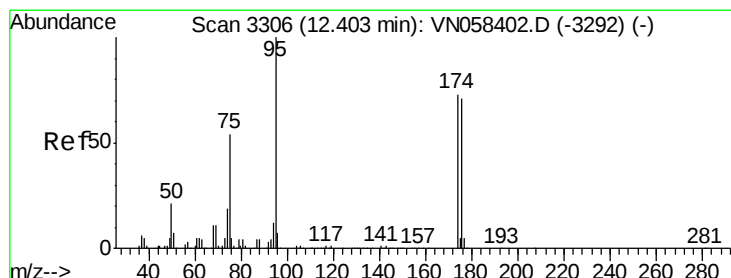
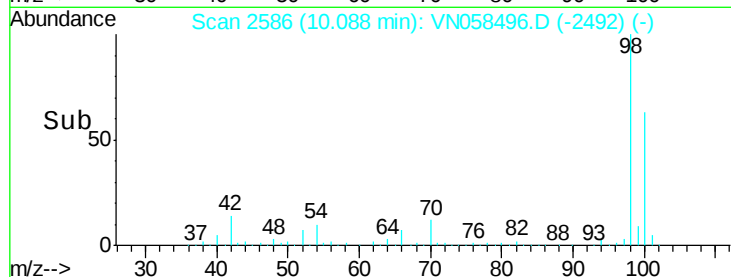
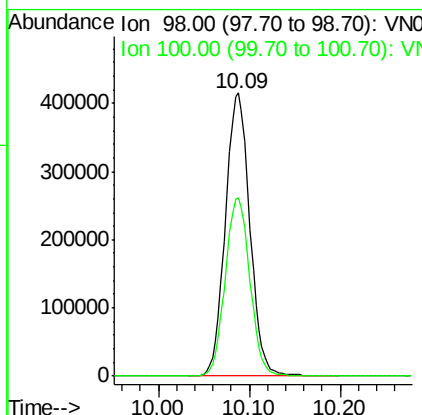
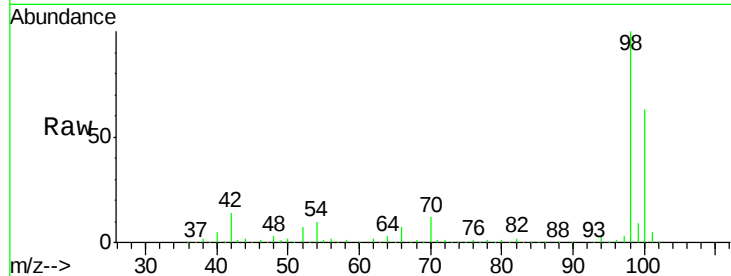




#50
Toluene-d8
Concen: 52.322 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

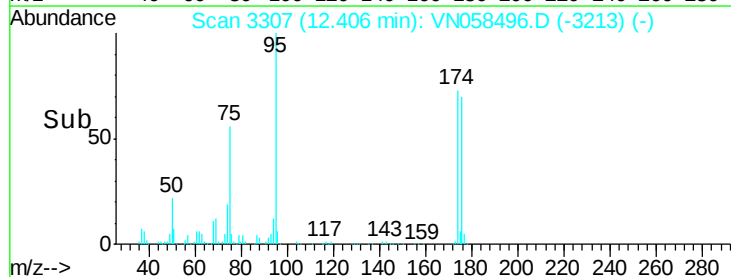
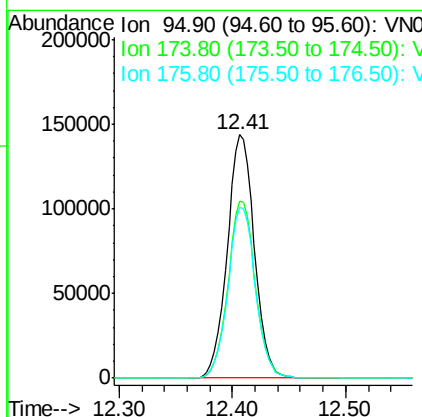
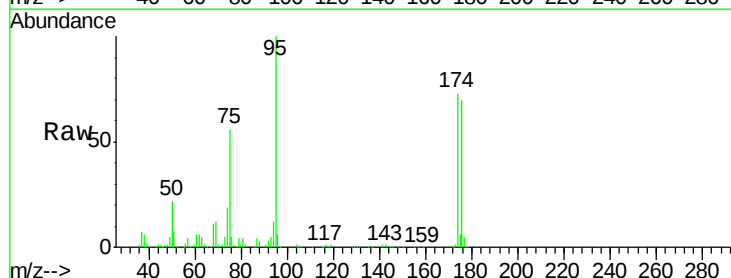
Instrument :
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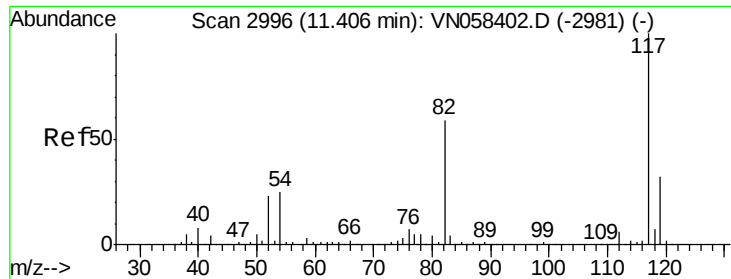
Tot Ion: 98 Resp: 777056
Ion Ratio Lower Upper
98 100
100 63.4 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 44.602 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

Tgt Ion: 95 Resp: 239515
Ion Ratio Lower Upper
95 100
174 73.4 0.0 150.6
176 70.8 0.0 146.2

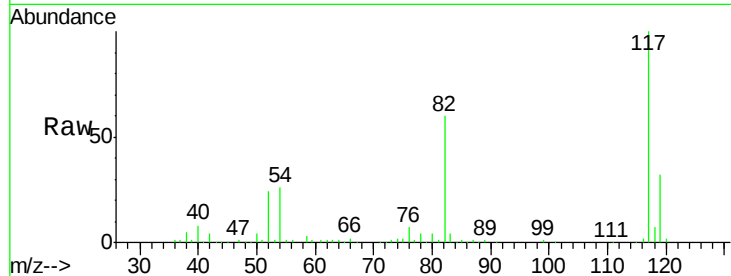




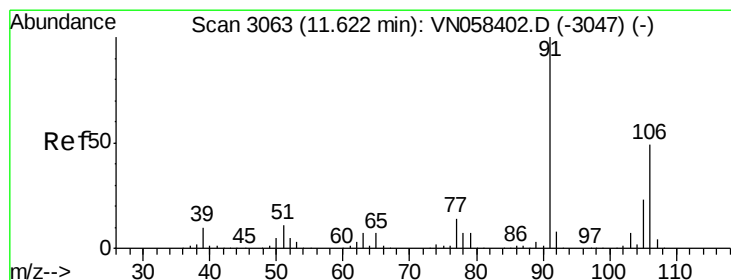
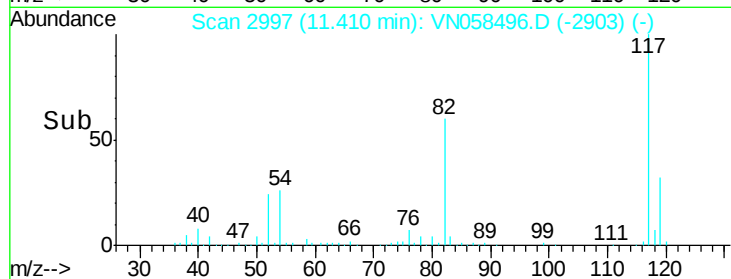
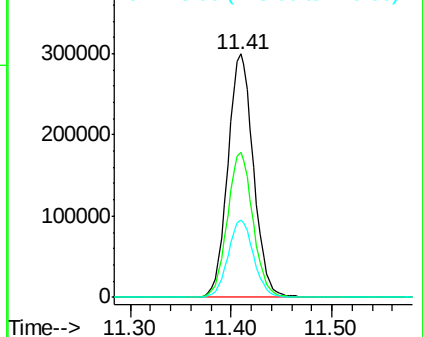
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

Instrument :
MSVOA_N
ClientSampleId :
20190831-COMPOSITE-G

Tot Ion:117 Resp: 529073
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 31.8 25.5 38.3

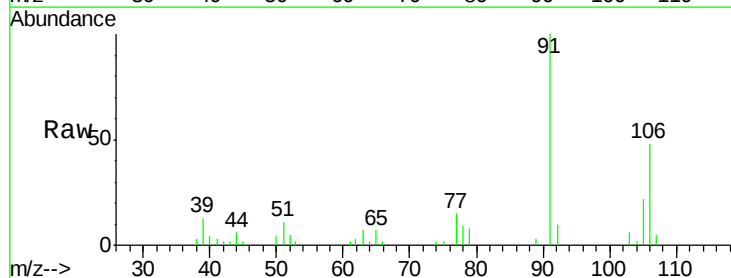


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

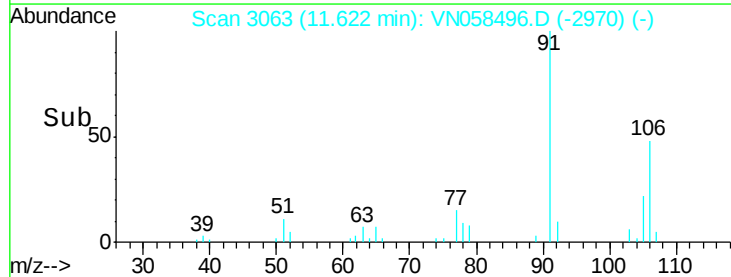
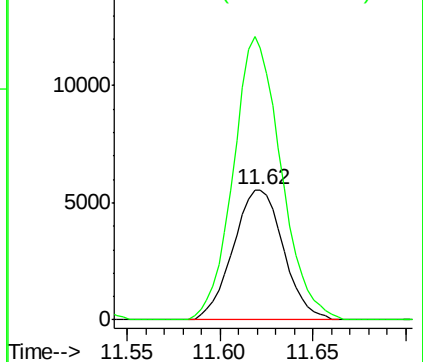


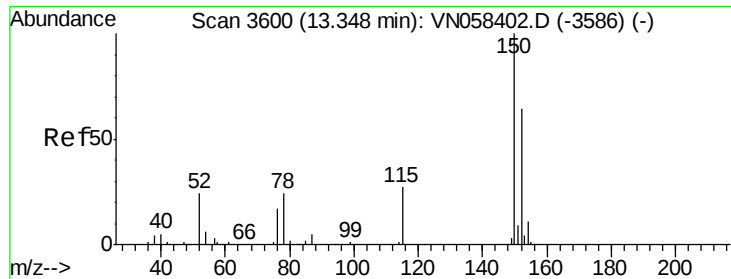
#68
m/p-Xylenes
Concen: 1.464 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

Tgt Ion:106 Resp: 10491
Ion Ratio Lower Upper
106 100
91 206.6 165.0 247.4



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: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

Instrument :

MSVOA_N

ClientSampleId :

20190831-COMPOSITE-G

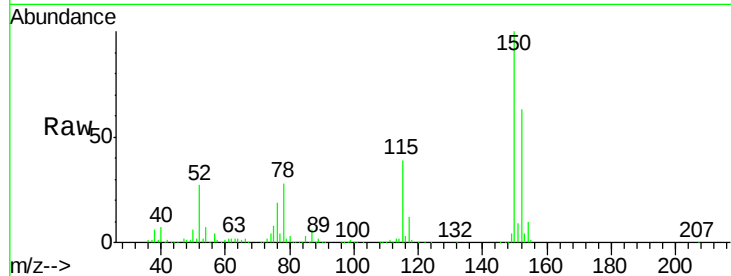
Tot Ion:152 Resp: 193439

Ion Ratio Lower Upper

152 100

115 62.2 30.0 90.0

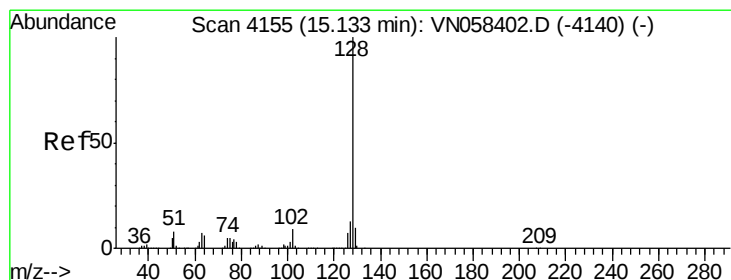
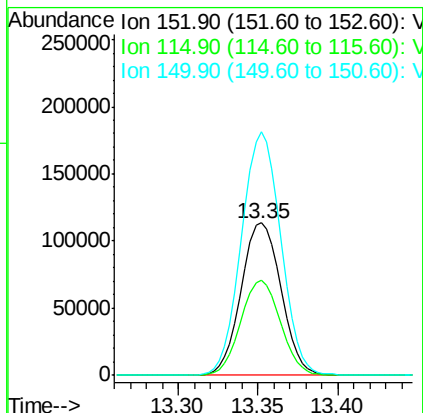
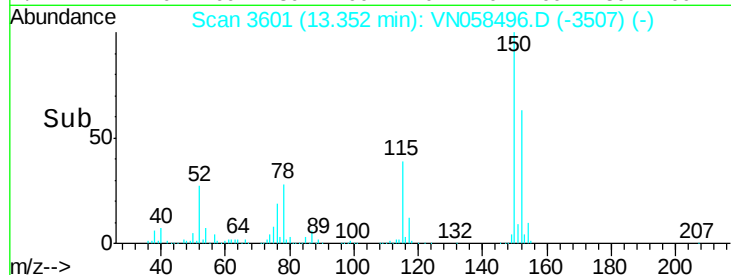
150 158.0 0.0 348.2



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: 1.449 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

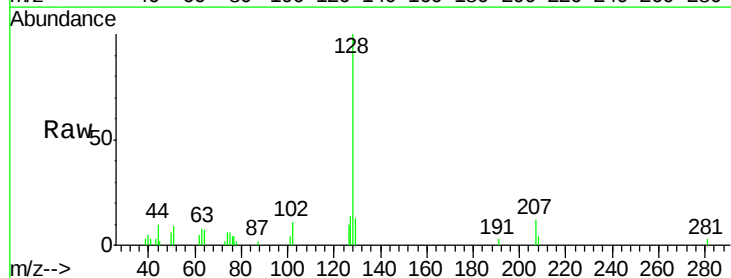
Tgt Ion:128 Resp: 13959

Ion Ratio Lower Upper

128 100

127 14.8 10.2 15.4

129 11.6 8.3 12.5



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

