

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059631.D
 Acq On : 17 Dec 2019 17:42
 Operator : JC/SP
 Sample : K6330-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 12013

Quant Time: Dec 18 06:17:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

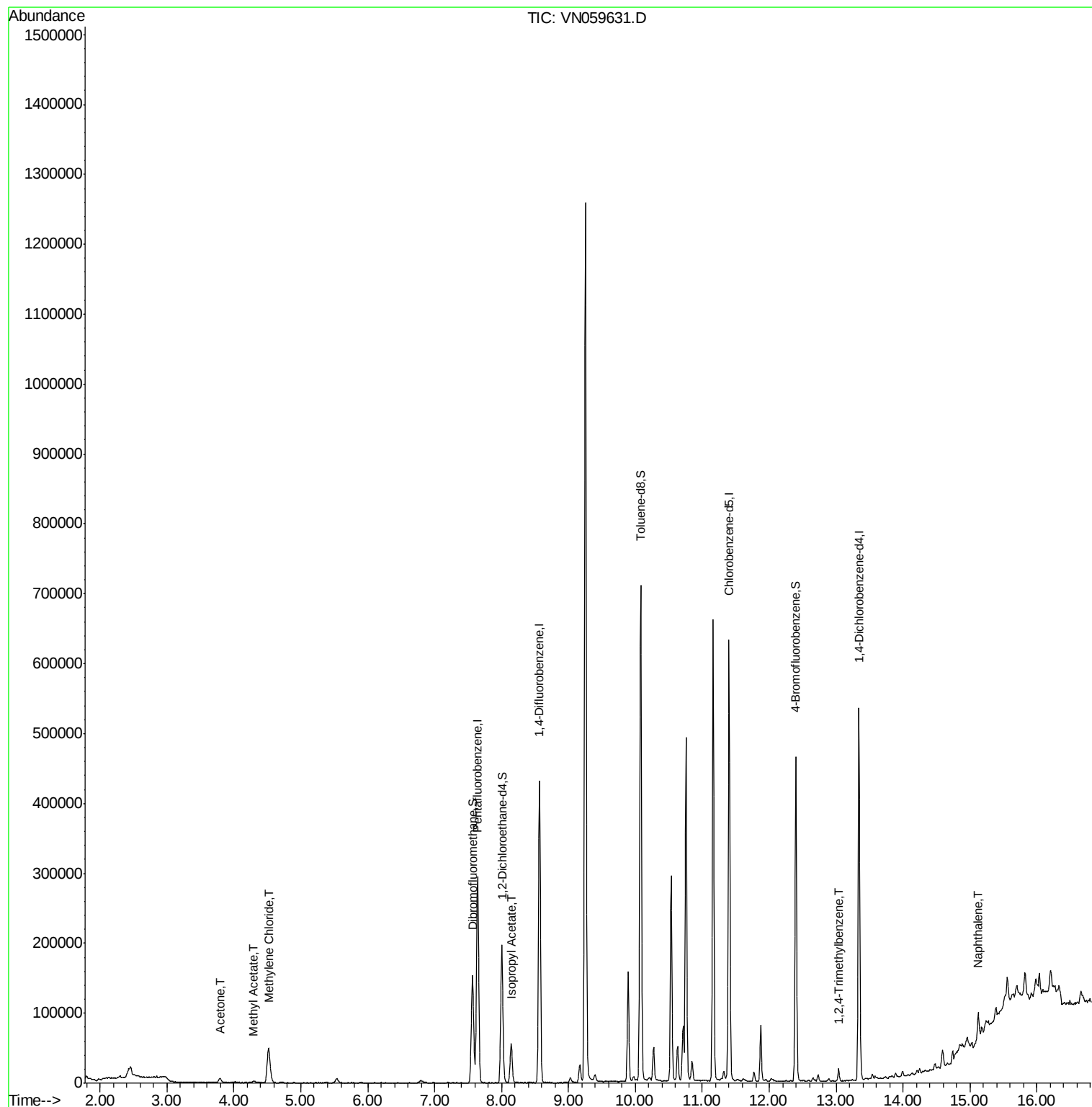
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	229634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	369756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	343714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138325	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	169706	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	7.57	113	118113	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	10.08	98	473777	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.40	95	157821	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
Target Compounds						
16) Acetone	3.79	43	10896	5.492	ug/l	94
18) Methyl Acetate	4.30	43	4588	1.104	ug/l	91
20) Methylene Chloride	4.52	84	36856	12.863	ug/l	98
43) Isopropyl Acetate	8.14	43	65868	9.453	ug/l #	90
84) 1,2,4-Trimethylbenzene	13.04	105	9507	1.040	ug/l	100
95) Naphthalene	15.12	128	30904	3.310	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059631.D

Acq: 17 Dec 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

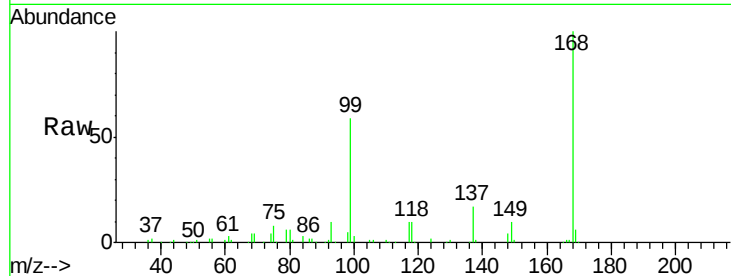
12013

Tot Ion:168 Resp: 229634

Ion Ratio Lower Upper

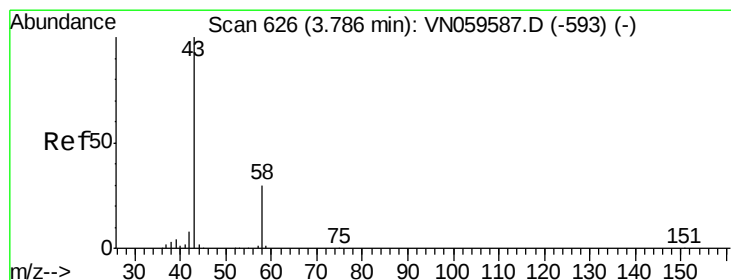
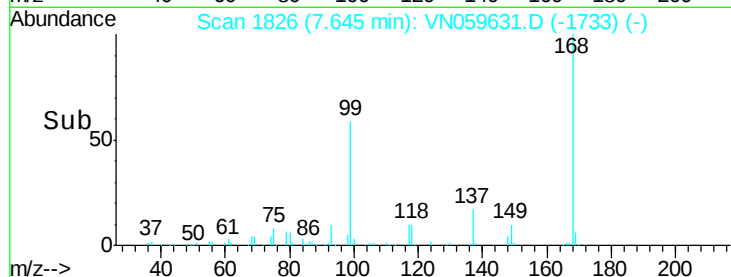
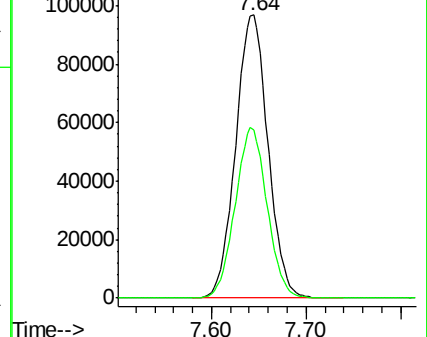
168 100

99 59.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 5.492 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059631.D

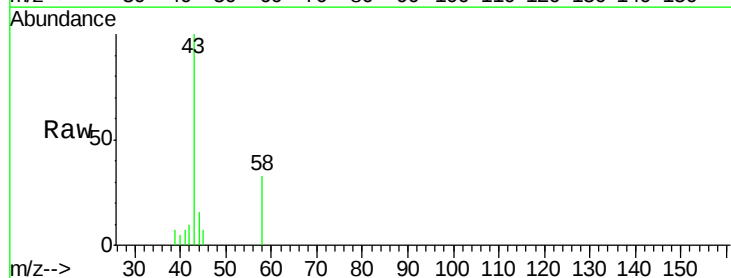
Acq: 17 Dec 2019 17:42

Tgt Ion: 43 Resp: 10896

Ion Ratio Lower Upper

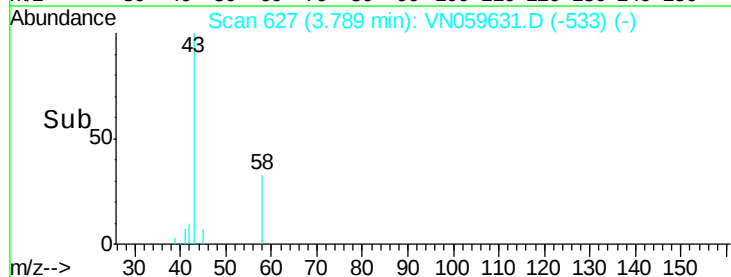
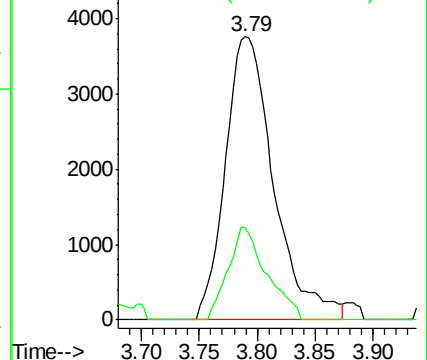
43 100

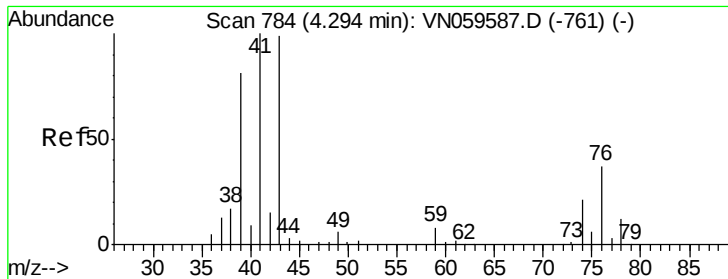
58 32.8 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

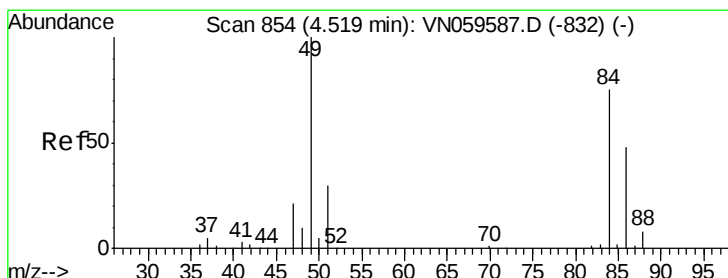
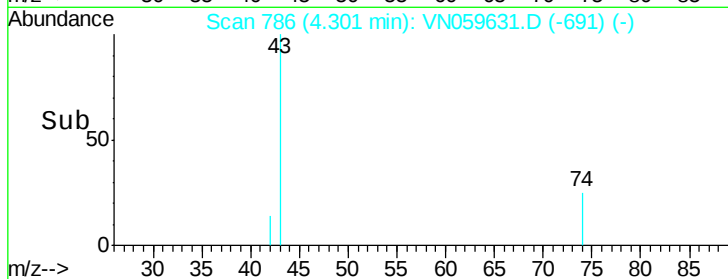
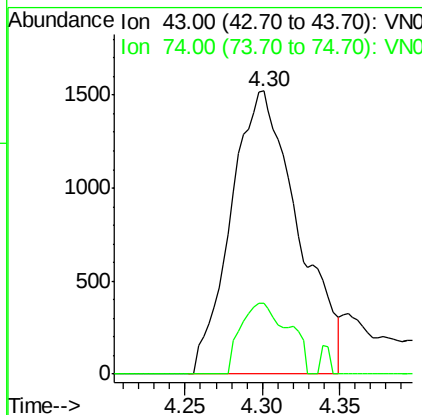
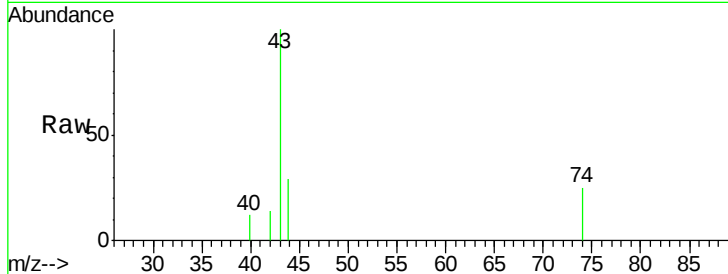




#18
Methyl Acetate
Concen: 1.104 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN059631.D
Acq: 17 Dec 2019 17:42

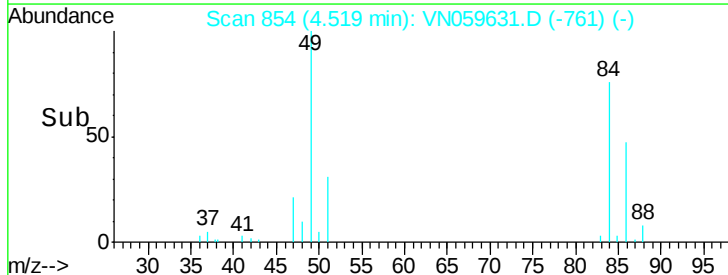
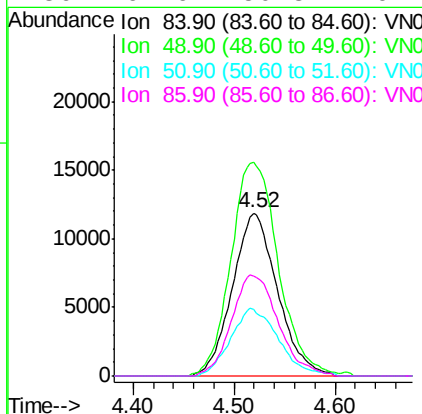
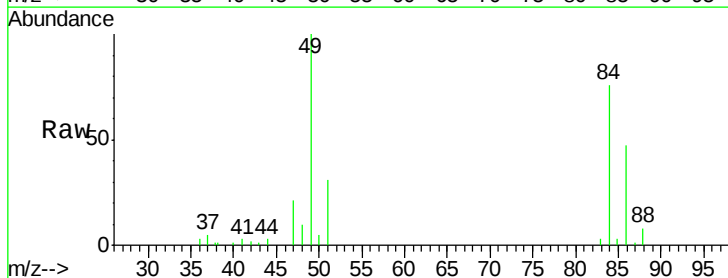
Instrument :
MSVOA_N
ClientSampleId :
12013

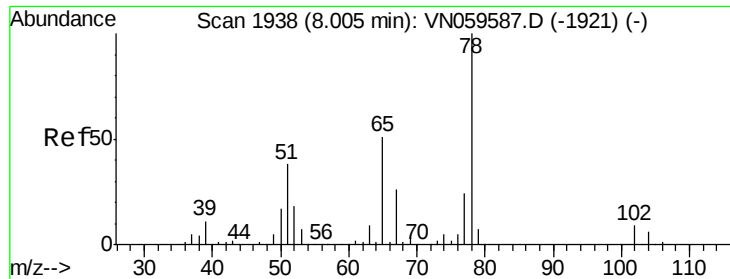
Tot Ion: 43 Resp: 4588
Ion Ratio Lower Upper
43 100
74 17.9 17.5 26.3



#20
Methylene Chloride
Concen: 12.863 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN059631.D
Acq: 17 Dec 2019 17:42

Tgt Ion: 84 Resp: 36856
Ion Ratio Lower Upper
84 100
49 131.2 106.6 160.0
51 40.9 31.9 47.9
86 61.6 50.8 76.2

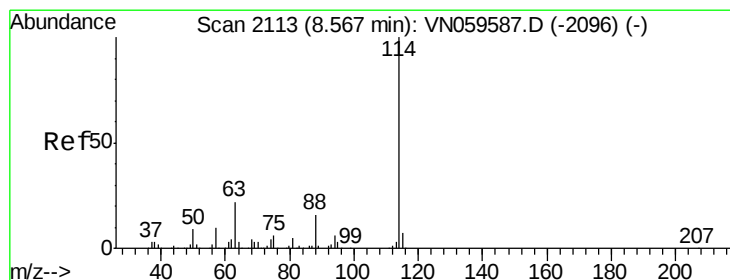
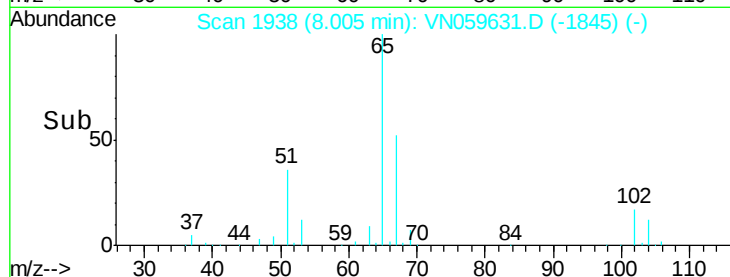
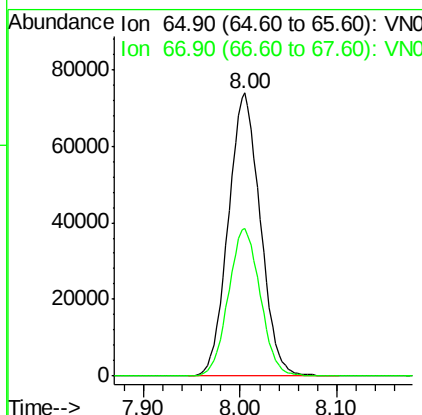
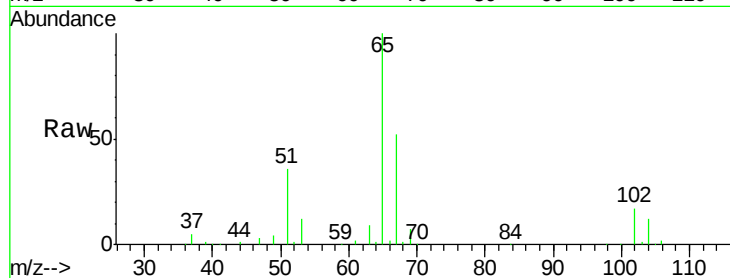




#33
 1,2-Dichloroethane-d4
 Concen: 50.787 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059631.D
 Acq: 17 Dec 2019 17:42

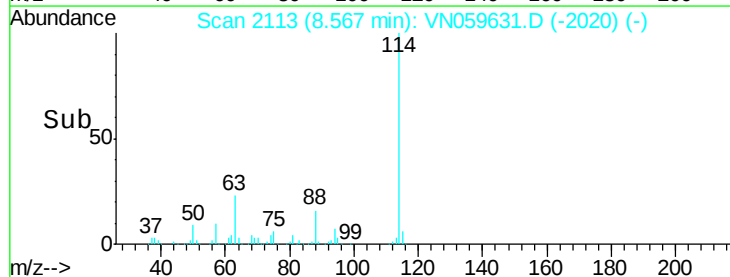
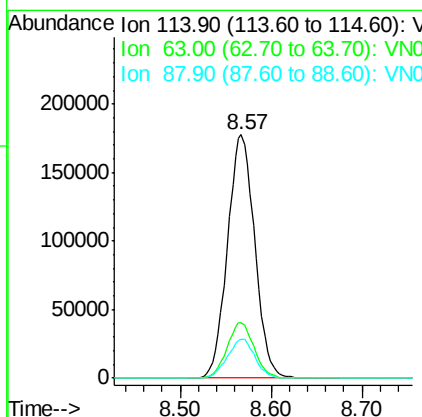
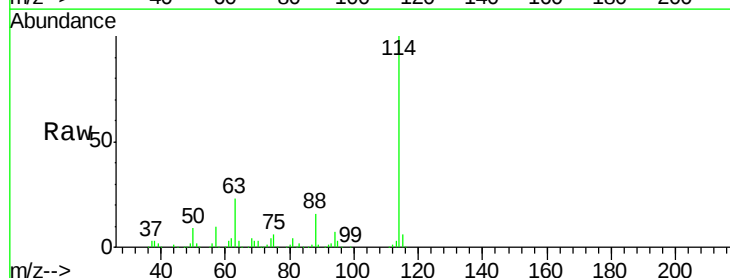
Instrument :
 MSVOA_N
 ClientSampled :
 12013

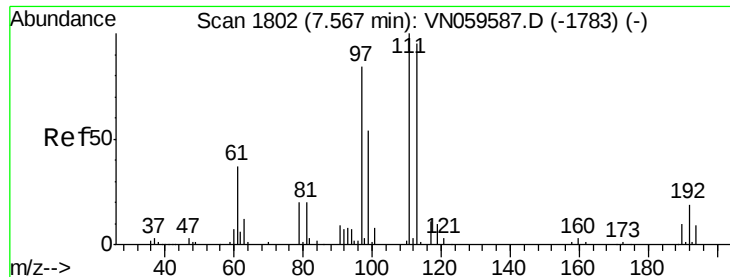
Tot Ion: 65 Resp: 169706
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059631.D
 Acq: 17 Dec 2019 17:42

Tgt Ion: 114 Resp: 369756
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.6
 88 16.2 0.0 31.4

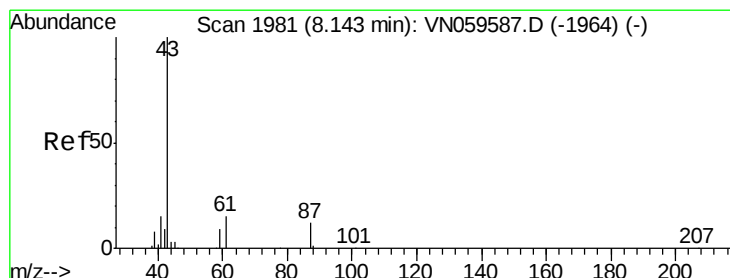
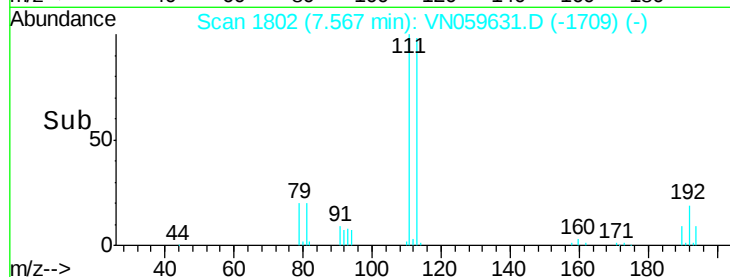
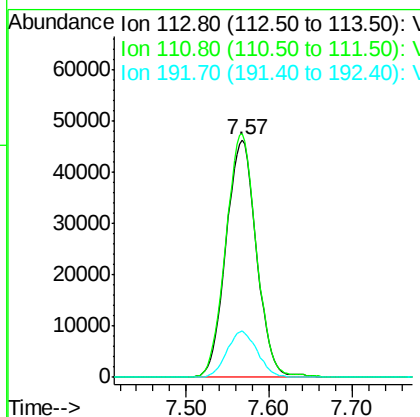
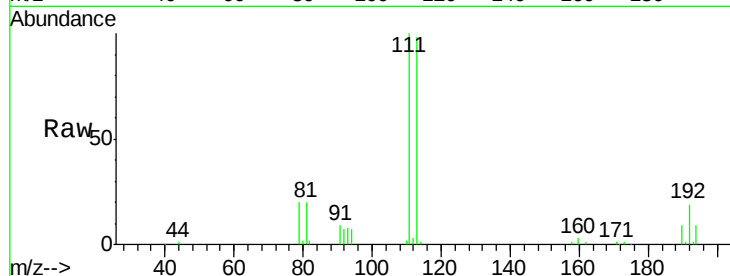




#35
 Dibromofluoromethane
 Concen: 51.053 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059631.D
 Acq: 17 Dec 2019 17:42

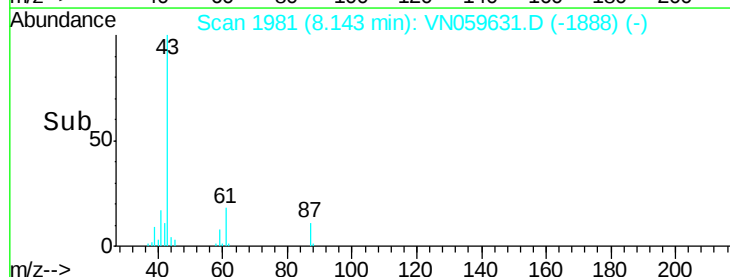
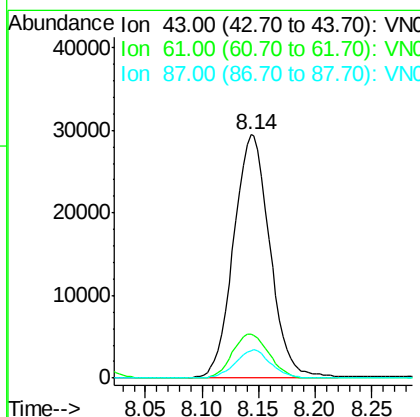
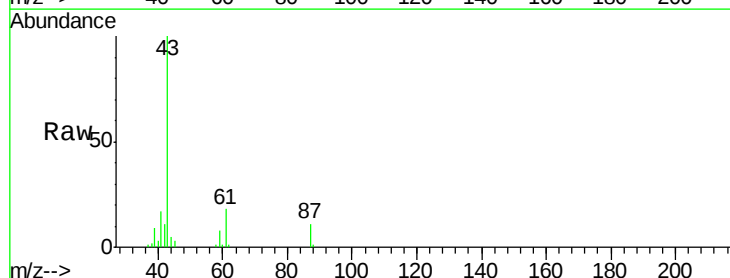
Instrument :
 MSVOA_N
 ClientSampled :
 12013

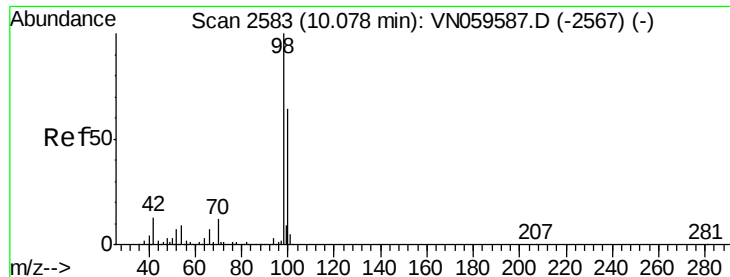
Tot Ion:113 Resp: 118113
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.5 125.3
 192 19.4 15.4 23.2



#43
 Isopropyl Acetate
 Concen: 9.453 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN059631.D
 Acq: 17 Dec 2019 17:42

Tgt Ion: 43 Resp: 65868
 Ion Ratio Lower Upper
 43 100
 61 18.1 20.2 30.2#
 87 11.2 9.5 14.3





#50

Toluene-d8

Concen: 51.725 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059631.D

Acq: 17 Dec 2019 17:42

Instrument :

MSVOA_N

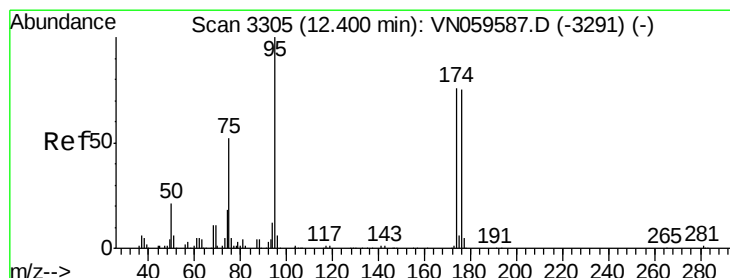
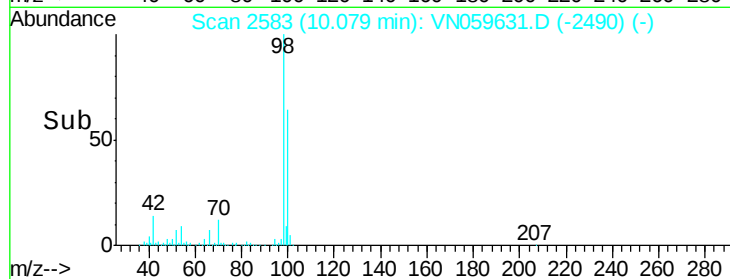
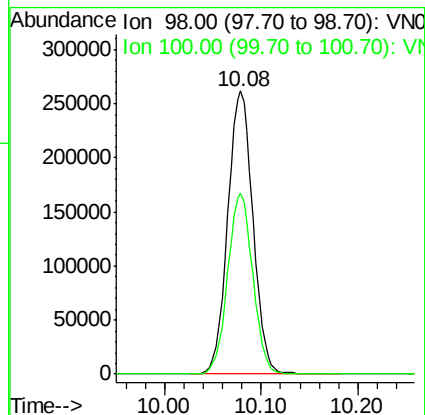
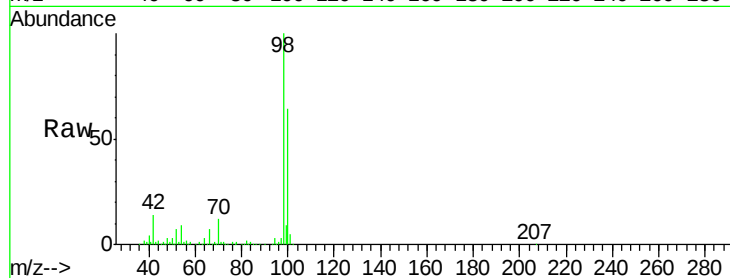
ClientSampleId :
12013

Tot Ion: 98 Resp: 473777

Ion Ratio Lower Upper

98 100

100 63.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.220 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059631.D

Acq: 17 Dec 2019 17:42

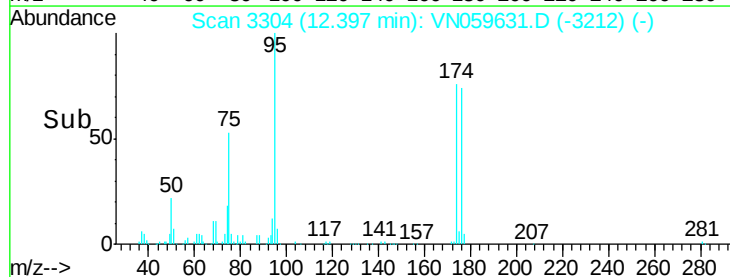
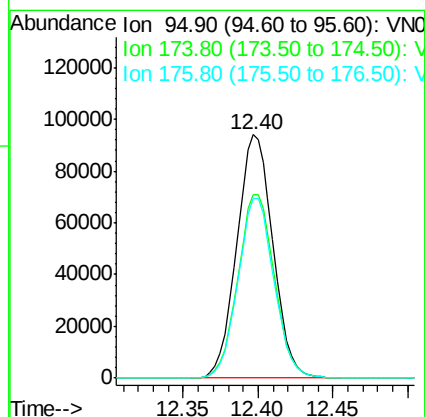
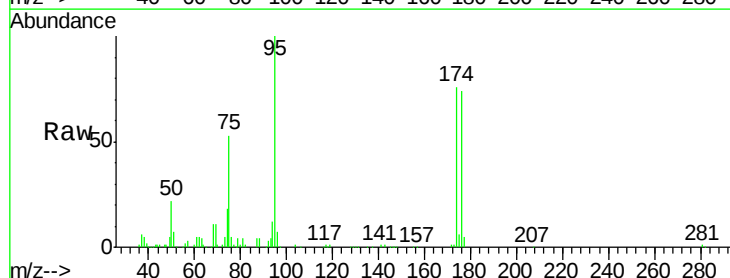
Tgt Ion: 95 Resp: 157821

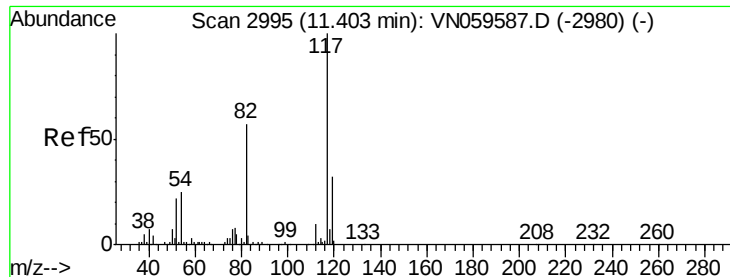
Ion Ratio Lower Upper

95 100

174 76.4 0.0 151.4

176 73.8 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059631.D

Acq: 17 Dec 2019 17:42

Instrument :

MSVOA_N

ClientSampled :

12013

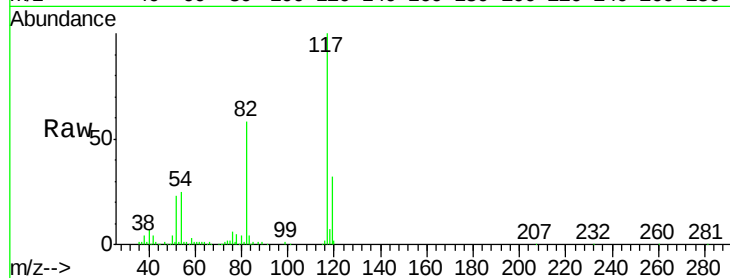
Tot Ion:117 Resp: 343714

Ion Ratio Lower Upper

117 100

82 57.8 45.9 68.9

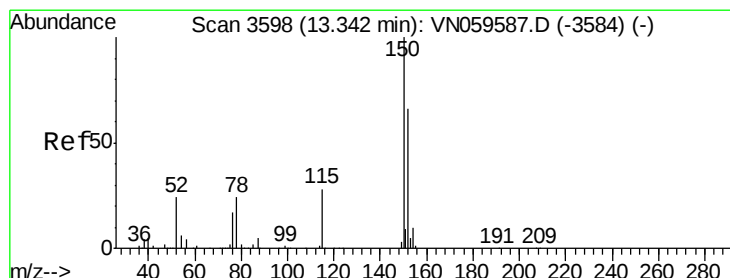
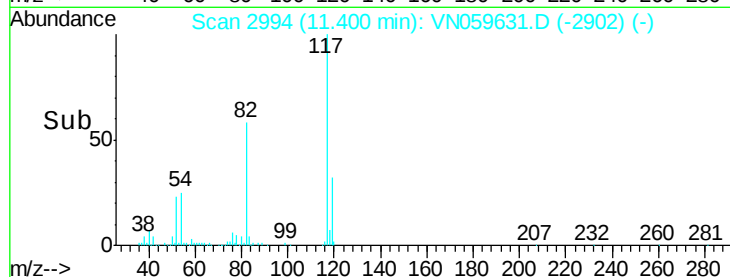
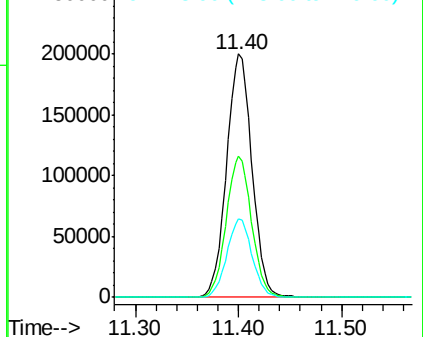
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN059631.D

Acq: 17 Dec 2019 17:42

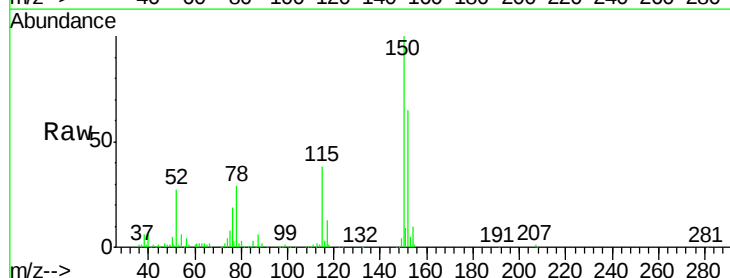
Tgt Ion:152 Resp: 138325

Ion Ratio Lower Upper

152 100

115 60.0 30.3 90.9

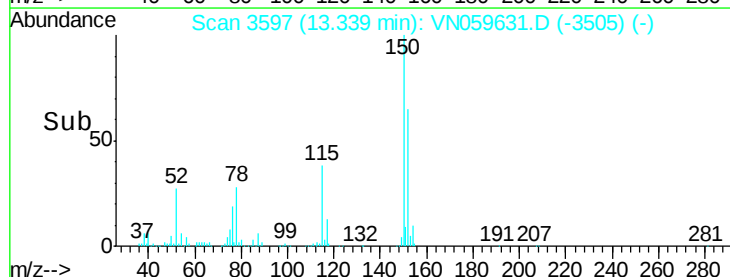
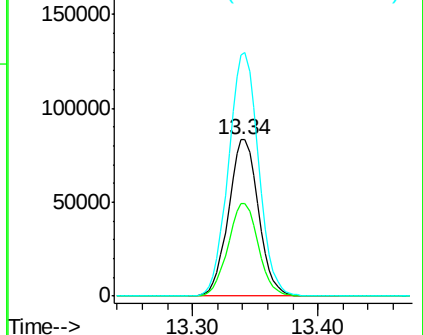
150 156.1 0.0 345.2

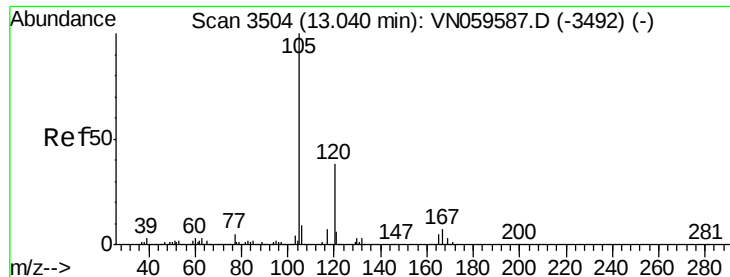


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.040 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN059631.D

Acq: 17 Dec 2019 17:42

Instrument :

MSVOA_N

ClientSampled :

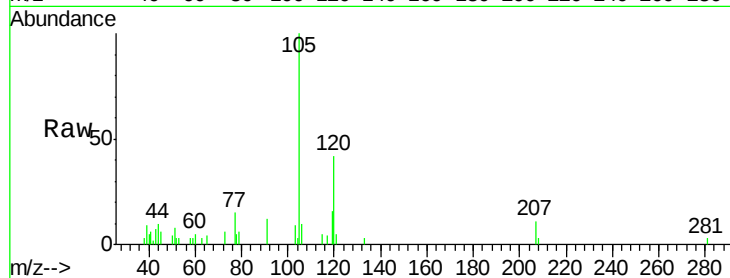
12013

Tot Ion:105 Resp: 9507

Ion Ratio Lower Upper

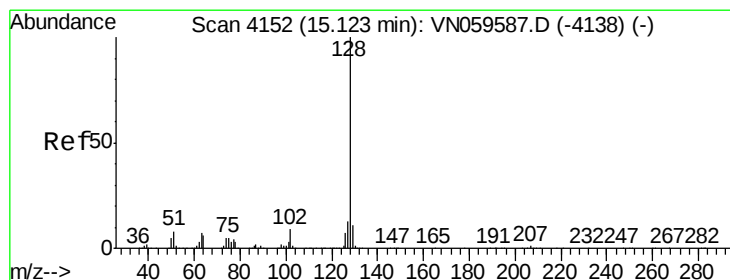
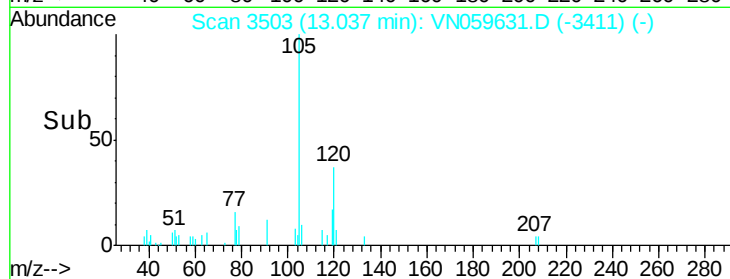
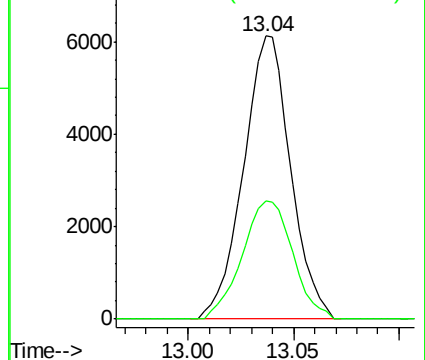
105 100

120 44.8 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 3.310 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN059631.D

Acq: 17 Dec 2019 17:42

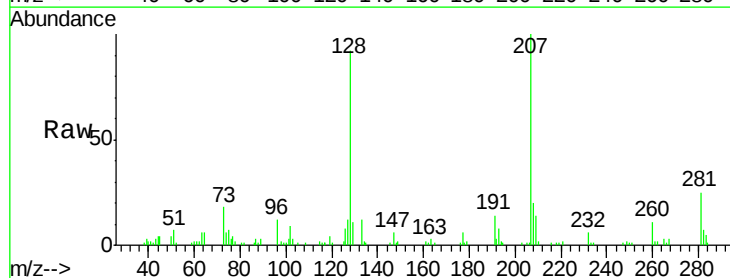
Tgt Ion:128 Resp: 30904

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

129 11.6 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

