

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003090.D
 Acq On : 02 Jul 2020 17:10
 Operator : SY/MD
 Sample : L3205-03
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-214

Quant Time: Jul 03 04:10:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

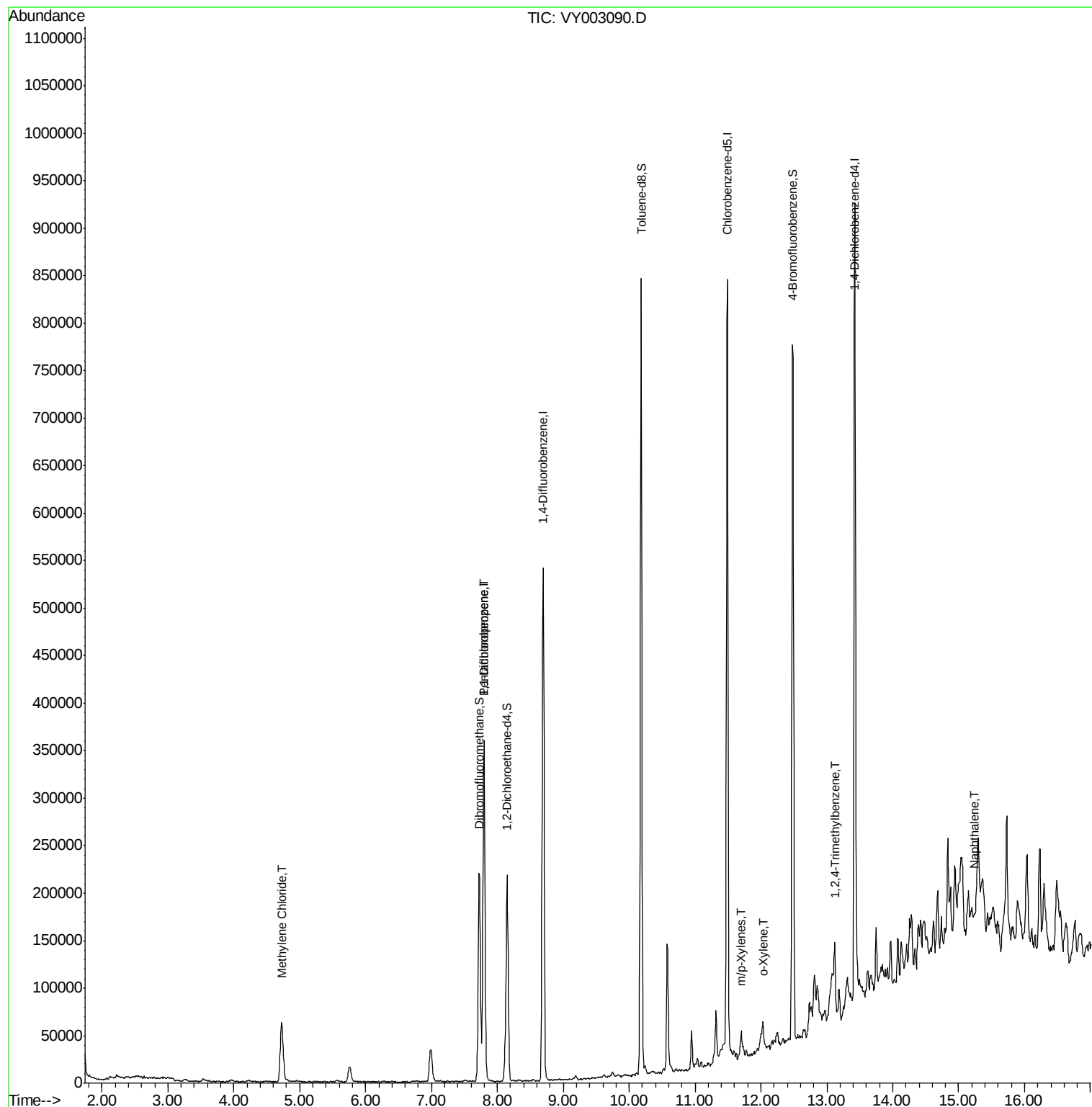
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	282573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	459438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	440574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	160846	57.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.62%	
35) Dibromofluoromethane	7.72	113	153950	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
50) Toluene-d8	10.18	98	555740	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.48	95	198350	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
Target Compounds						
20) Methylene Chloride	4.73	84	48045	10.801	ug/l	88
36) 1,1-Dichloropropene	7.80	75	20032	4.527	ug/l #	51
68) m/p-Xylenes	11.69	106	8381	1.417	ug/l	99
69) o-Xylene	12.03	106	6204	1.113	ug/l	88
84) 1,2,4-Trimethylbenzene	13.12	105	28776	2.403	ug/l	90
95) Naphthalene	15.23	128	15957	1.933	ug/l	98

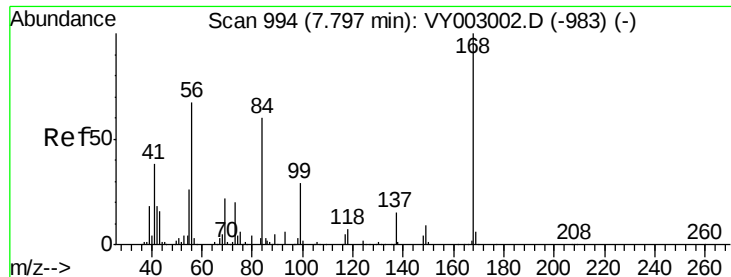
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
Data File : VY003090.D
Acq On : 02 Jul 2020 17:10
Operator : SY/MD
Sample : L3205-03
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-214

Quant Time: Jul 03 04:10:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003090.D

Acq: 02 Jul 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

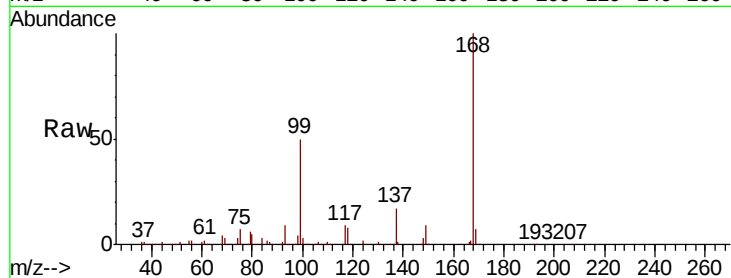
VNJ-214

Tot Ion:168 Resp: 282573

Ion Ratio Lower Upper

168 100

99 50.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003090.D (-945) (-)

7.80

150000

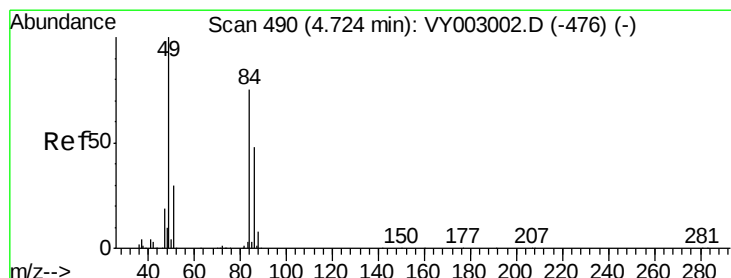
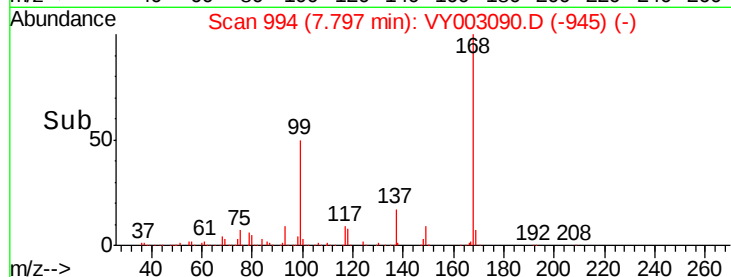
100000

50000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 10.801 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003090.D

Acq: 02 Jul 2020 17:10

Tgt Ion: 84 Resp: 48045

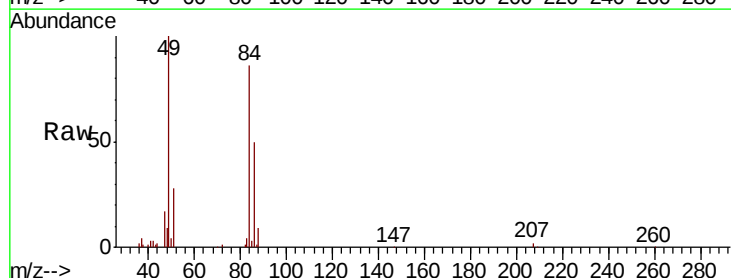
Ion Ratio Lower Upper

84 100

49 116.1 106.8 160.2

51 32.9 32.0 48.0

86 58.2 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VY003002.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY003090.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003090.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003090.D (-441) (-)

4.73

30000

25000

20000

15000

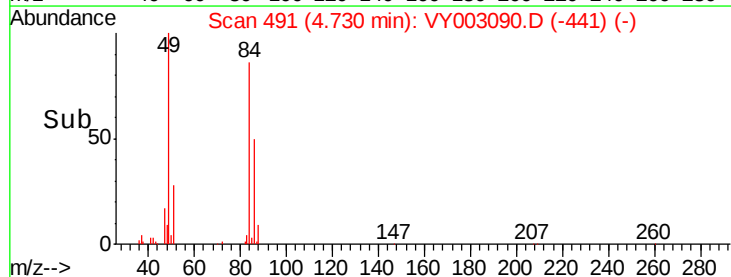
10000

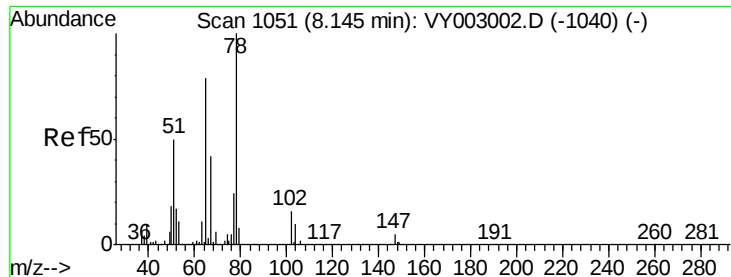
5000

0

4.60 4.70 4.80

Time-->

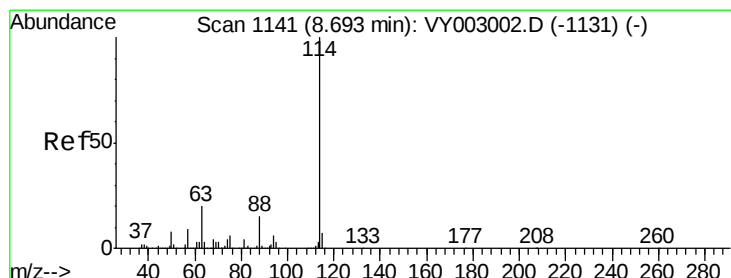
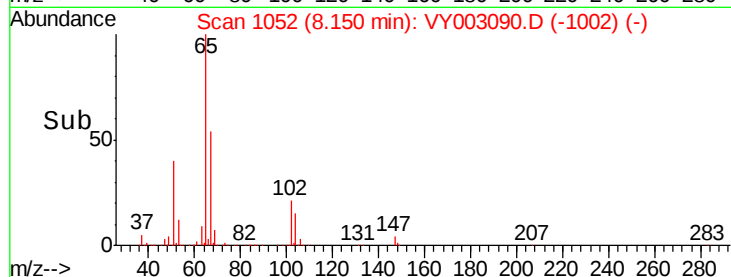
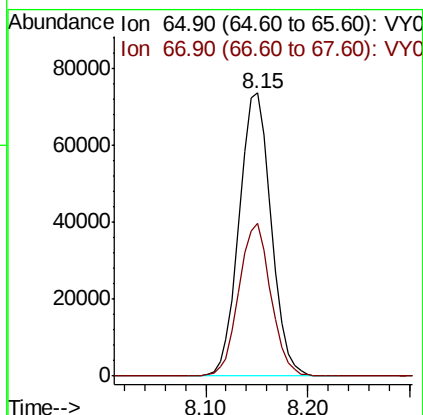
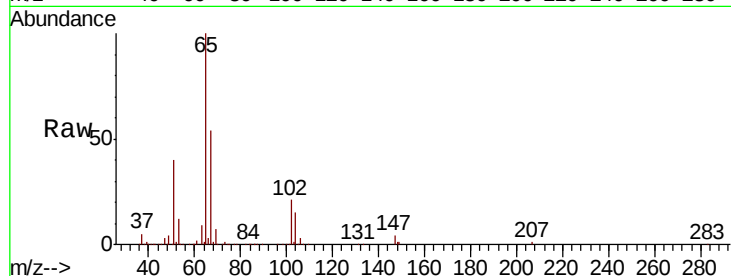




#33
 1,2-Dichloroethane-d4
 Concen: 57.312 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003090.D
 Acq: 02 Jul 2020 17:10

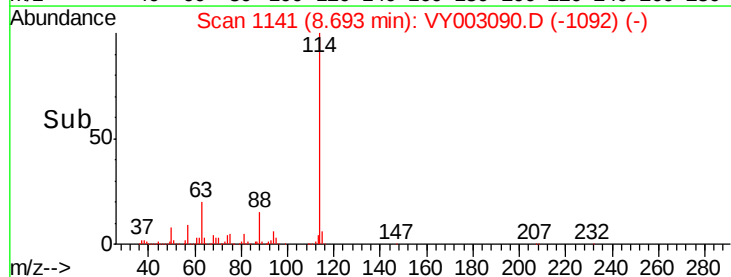
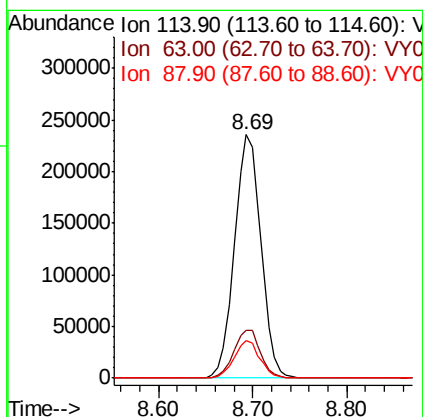
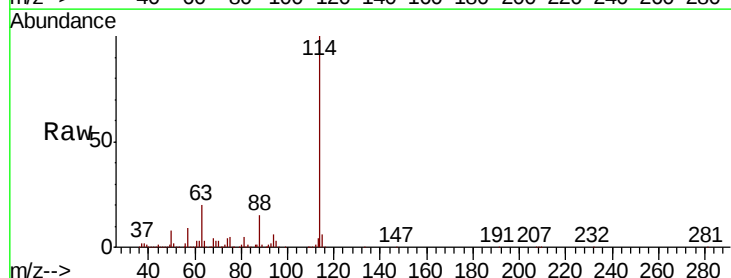
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-214

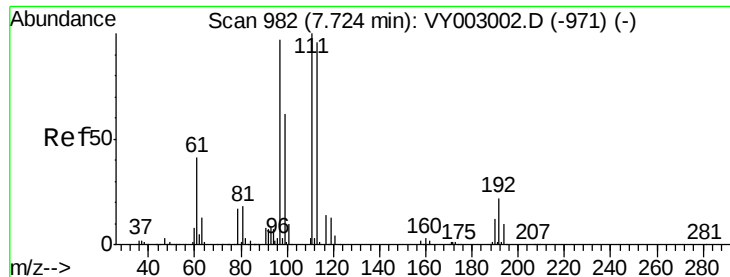
Tot Ion: 65 Resp: 160846
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003090.D
 Acq: 02 Jul 2020 17:10

Tgt Ion: 114 Resp: 459438
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.6
 88 15.3 0.0 30.0

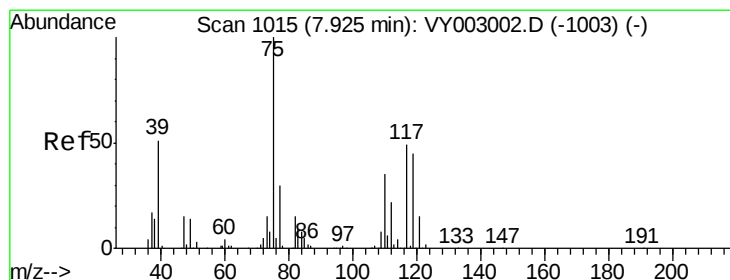
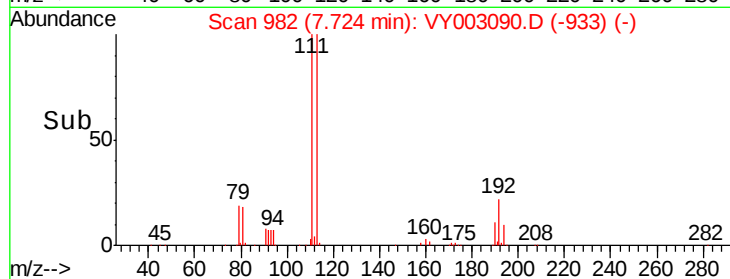
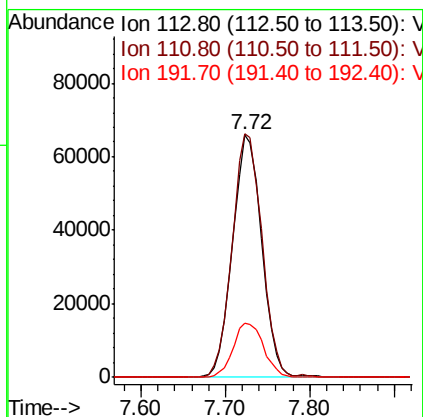
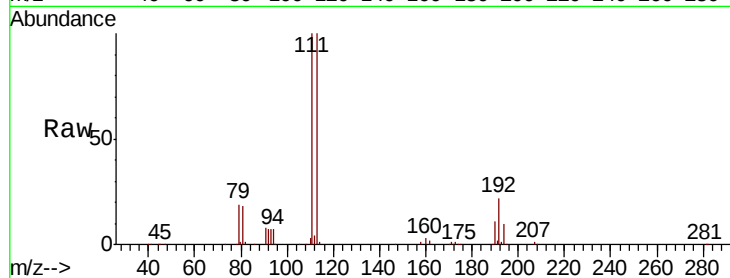




#35
 Dibromofluoromethane
 Concen: 53.715 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003090.D
 Acq: 02 Jul 2020 17:10

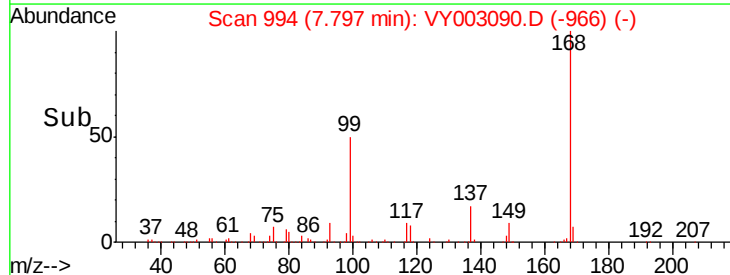
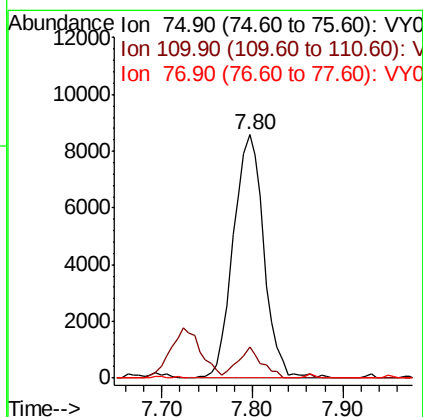
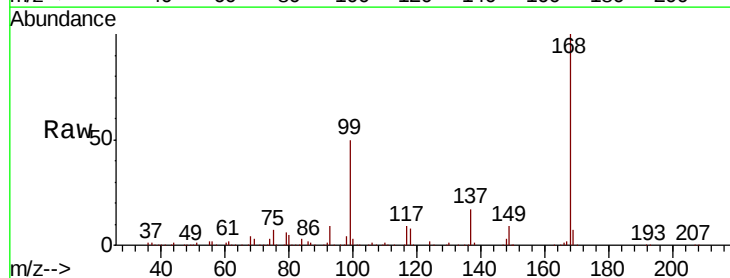
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-214

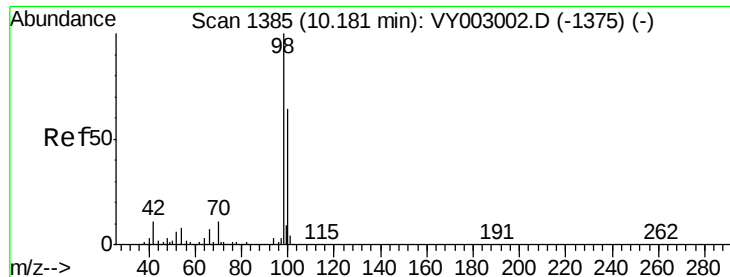
Tot Ion:113 Resp: 153950
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 123.8
 192 23.3 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 4.527 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003090.D
 Acq: 02 Jul 2020 17:10

Tgt Ion: 75 Resp: 20032
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.1 51.2#
 77 0.0 24.9 37.3#





#50

Toluene-d8

Concen: 52.049 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003090.D

Acq: 02 Jul 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

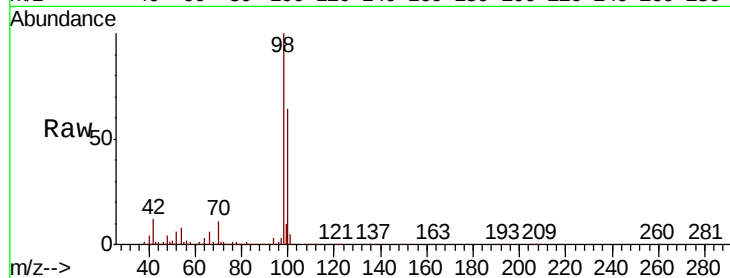
VNJ-214

Tot Ion: 98 Resp: 555740

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

300000

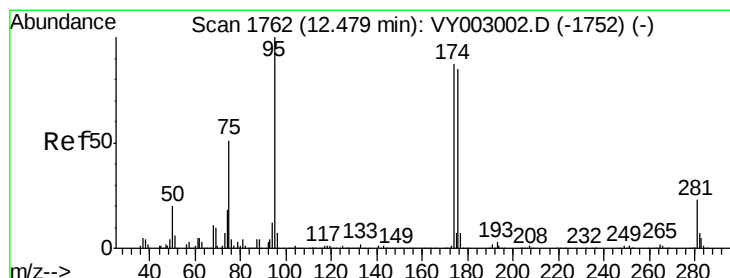
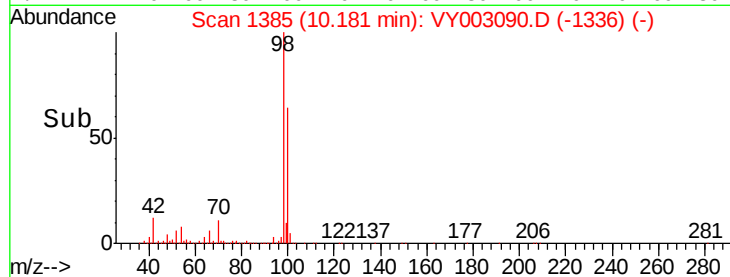
200000

100000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 52.775 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003090.D

Acq: 02 Jul 2020 17:10

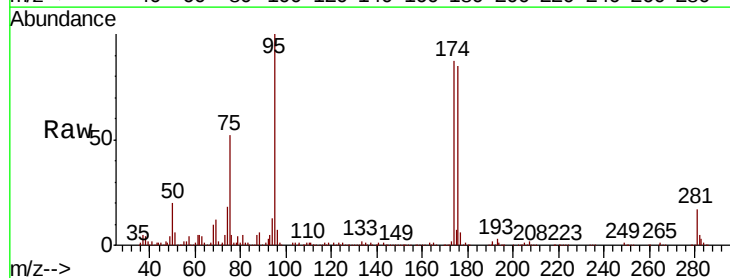
Tgt Ion: 95 Resp: 198350

Ion Ratio Lower Upper

95 100

174 93.4 0.0 184.8

176 90.0 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

150000

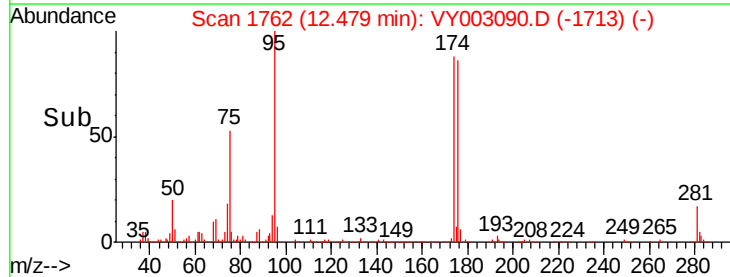
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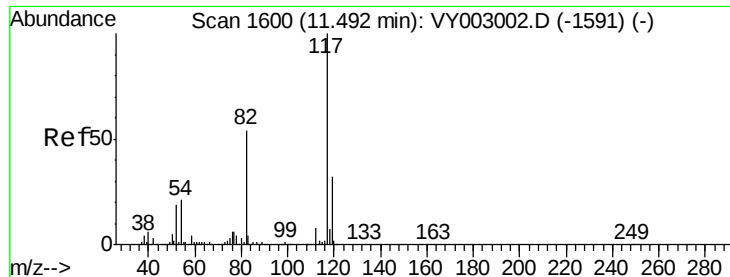
50000

0

Time-->

12.45 12.50

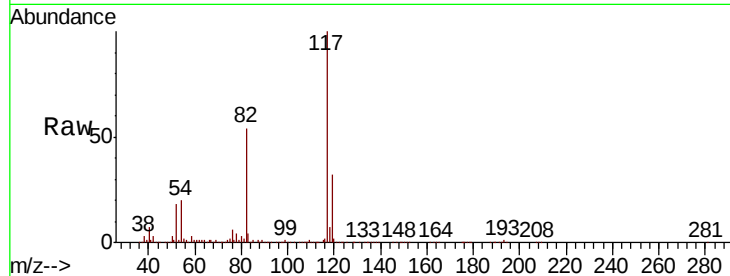




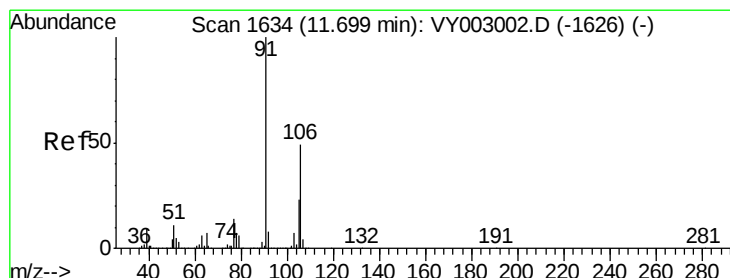
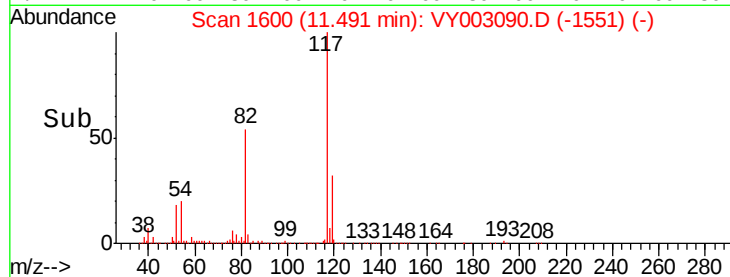
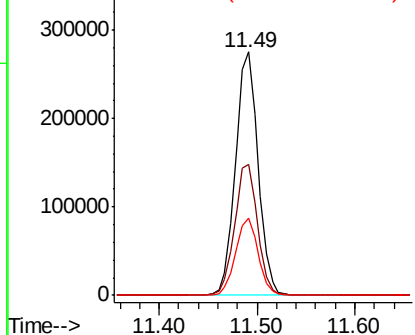
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

Tot Ion:117 Resp: 440574
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.6
119 31.8 25.8 38.8

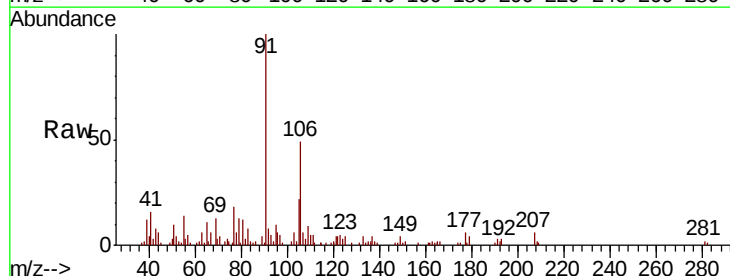


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

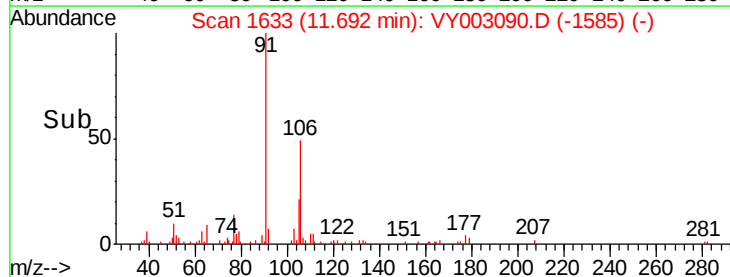
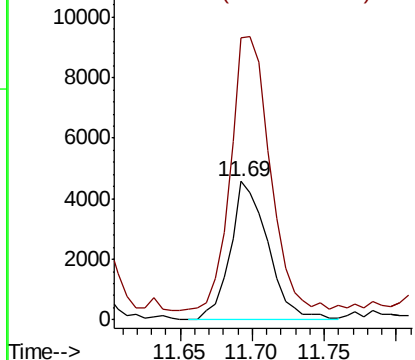


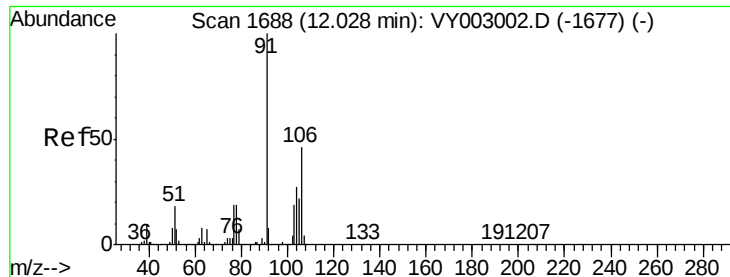
#68
m/p-Xylenes
Concen: 1.417 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Tgt Ion:106 Resp: 8381
Ion Ratio Lower Upper
106 100
91 203.9 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

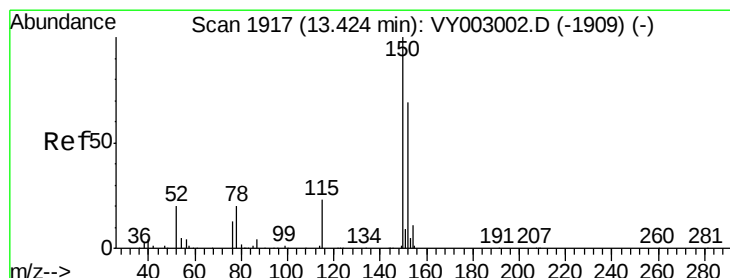
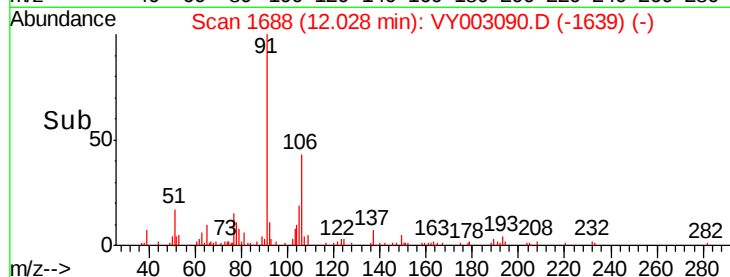
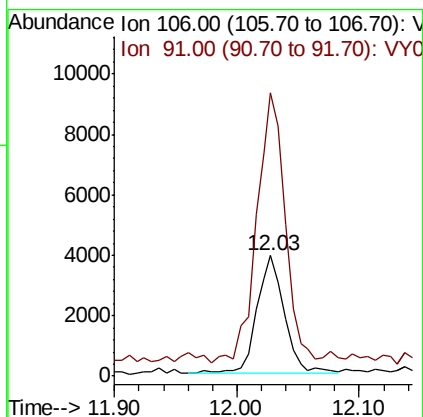
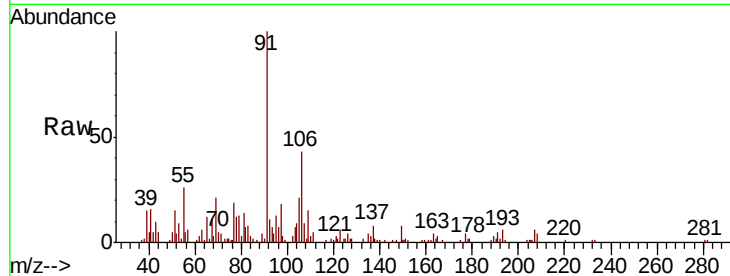




#69
o-Xylene
Concen: 1.113 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

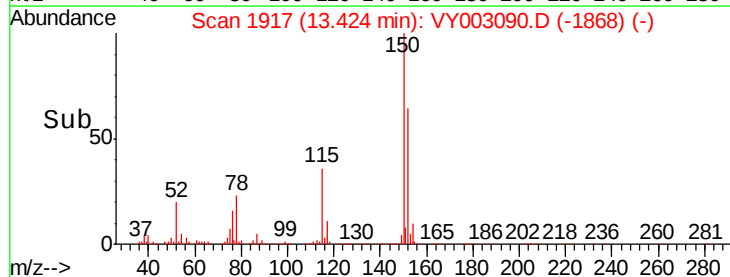
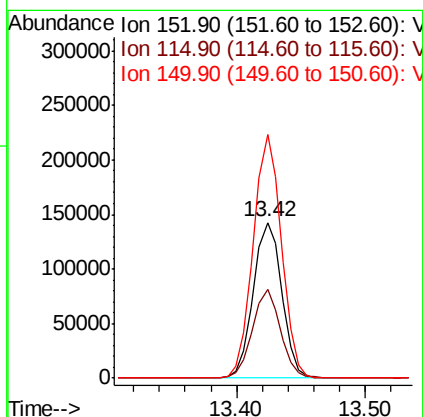
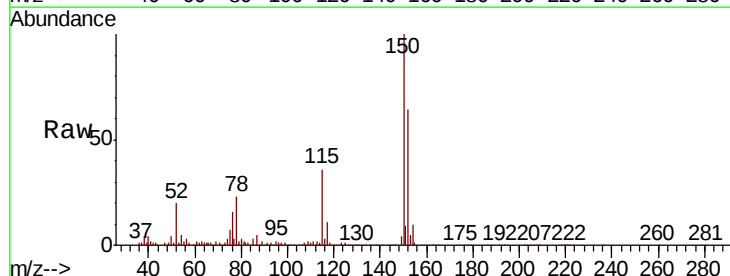
Instrument :
MSVOA_Y
ClientSampled :
VNJ-214

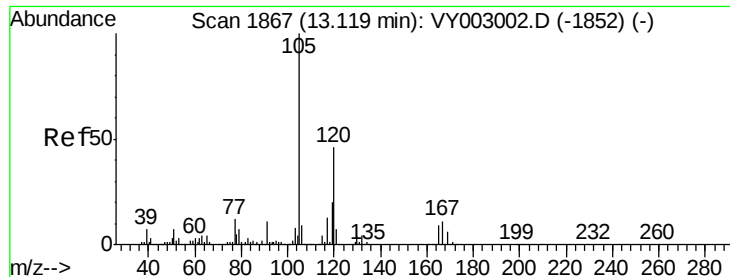
Tot Ion:106 Resp: 6204
Ion Ratio Lower Upper
106 100
91 234.9 107.9 323.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Tgt Ion:152 Resp: 216371
Ion Ratio Lower Upper
152 100
115 55.5 27.3 81.9
150 154.5 0.0 343.4





#84

1,2,4-Trimethylbenzene

Concen: 2.403 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003090.D

Acq: 02 Jul 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

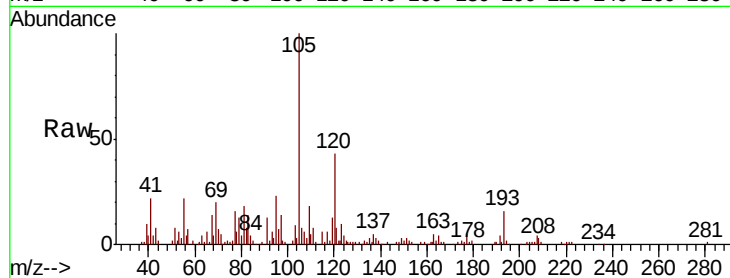
VNJ-214

Tot Ion:105 Resp: 28776

Ion Ratio Lower Upper

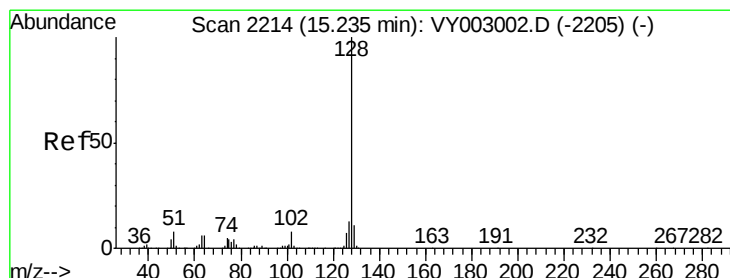
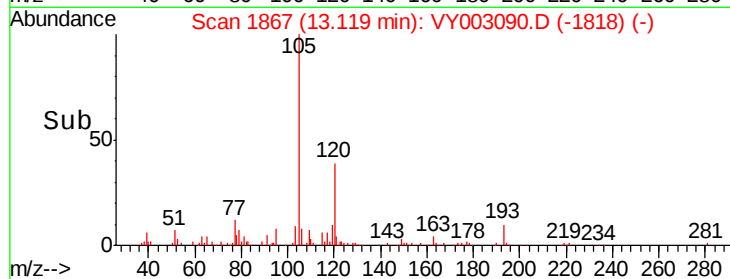
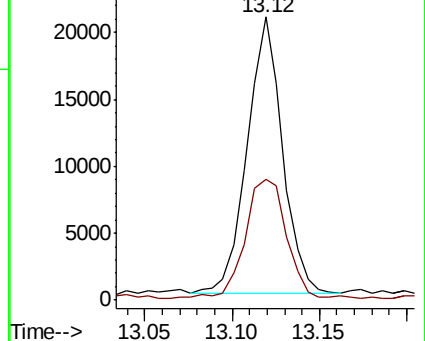
105 100

120 51.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.933 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003090.D

Acq: 02 Jul 2020 17:10

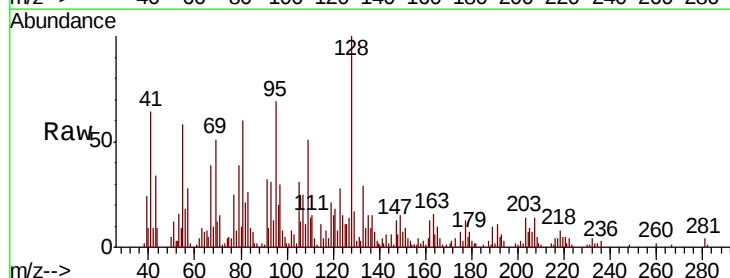
Tgt Ion:128 Resp: 15957

Ion Ratio Lower Upper

128 100

127 14.9 10.8 16.2

129 10.5 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

