

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 02:38:33 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	160846	57.31	ug/l	0.00
Spiked Amount			Recovery	=	114.62%	
35) Dibromofluoromethane	7.72	113	153950	53.72	ug/l	0.00
Spiked Amount			Recovery	=	107.44%	
50) Toluene-d8	10.18	98	555740	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.48	95	198350	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	

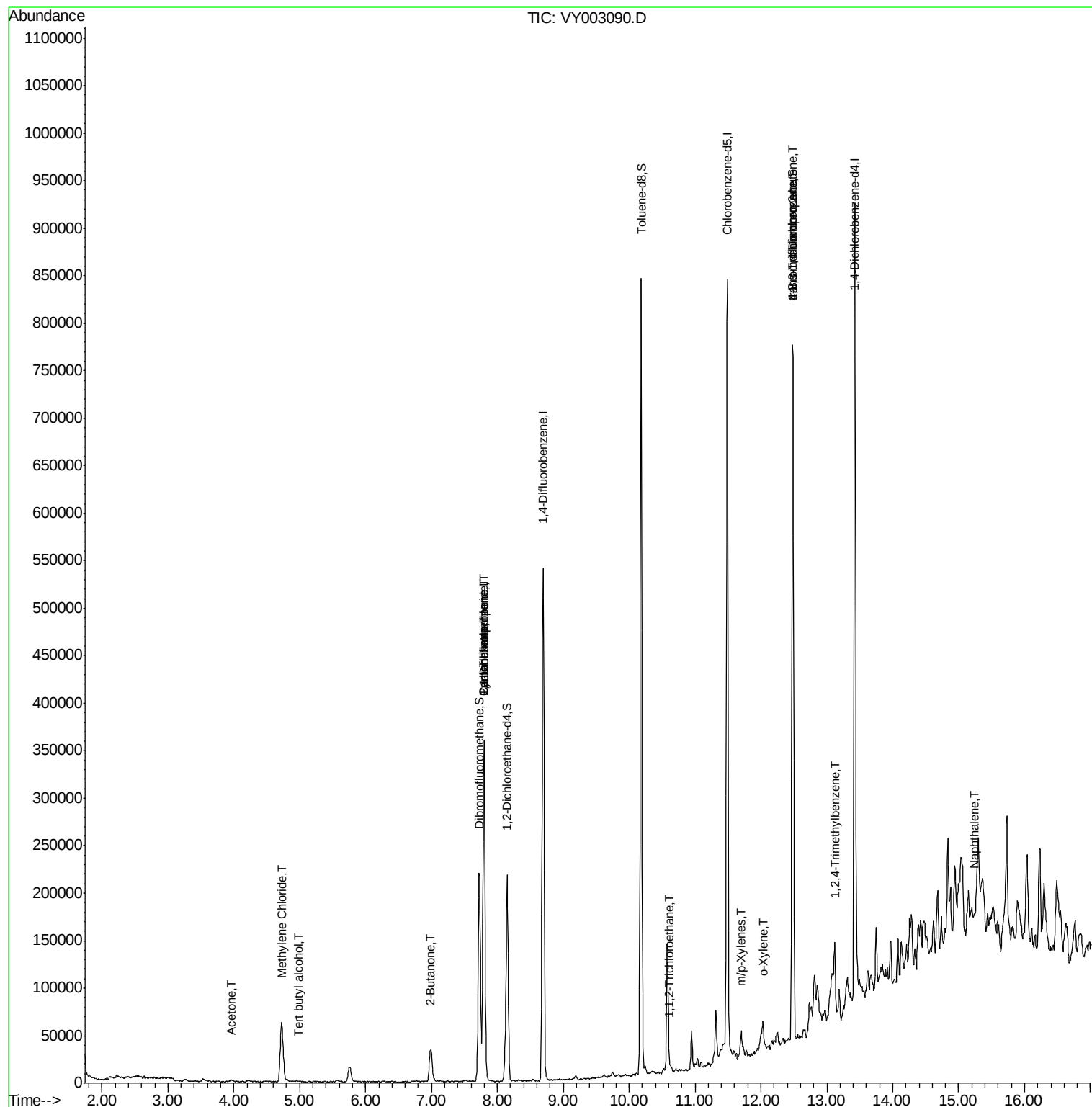
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	758	2.650	ug/l #	81
16) Acetone	3.96	43	3654	5.520	ug/l #	85
20) Methylene Chloride	4.73	84	48045	10.801	ug/l	88
25) 2-Butanone	6.99	43	2141	2.036	ug/l #	86
31) Cyclohexane	7.80	56	5335	1.081	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	20032	4.527	ug/l #	51
38) Carbon Tetrachloride	7.80	117	26156	5.681	ug/l #	16
55) 1,1,2-Trichloroethane	10.62	97	3431	1.356	ug/l #	20
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
76) 1,2,3-Trichloropropane	12.48	75	100828	47.085	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	100828	91.608	ug/l #	13
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

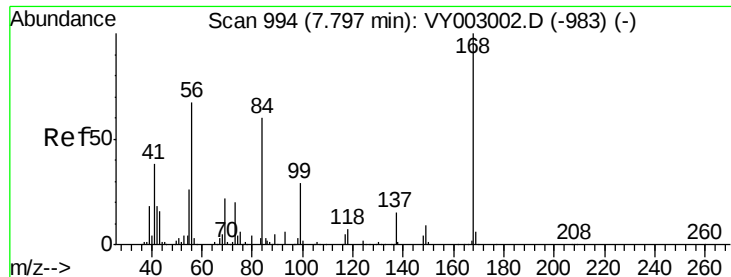
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :
MSVOA_Y
ClientSampleId :
VNJ-214

Quant Time: Jul 03 02:38:33 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 :

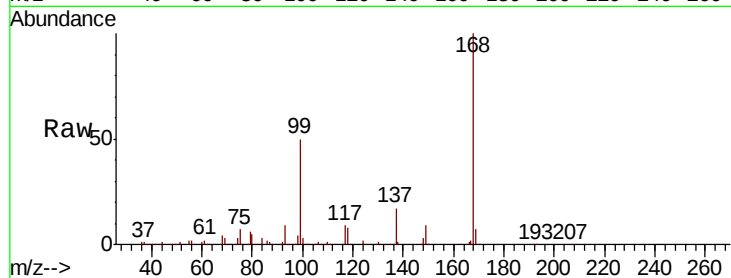
VNJ-214

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

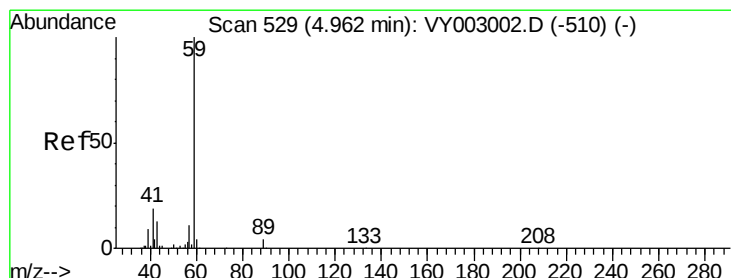
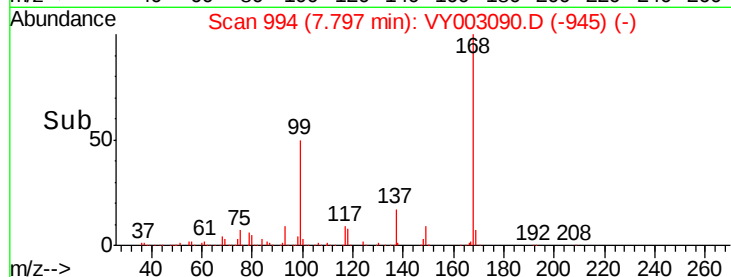
100000

50000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: 2.650 ug/l

RT: 4.97 min Scan# 531

Delta R.T. 0.01 min

Lab File: VY003090.D

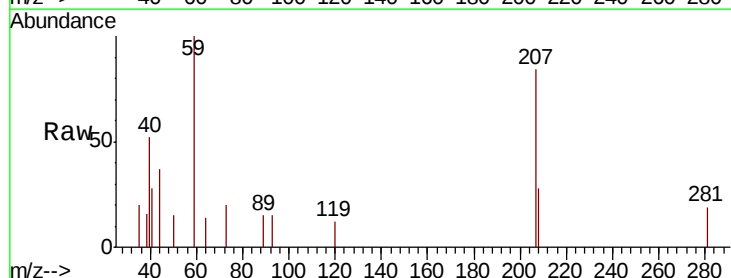
Acq: 02 Jul 2020 17:10

Tgt Ion: 59 Resp: 758

Ion Ratio Lower Upper

59 100

57 2.9 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VY003002.D (-510) (-)

Ion 57.00 (56.70 to 57.70): VY003090.D (-480) (-)

4.97

500

400

300

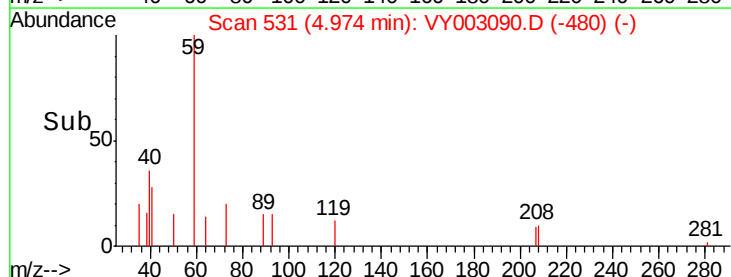
200

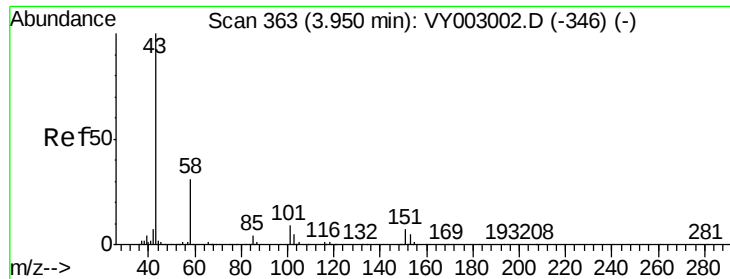
100

0

4.95 5.00 5.05

Time-->

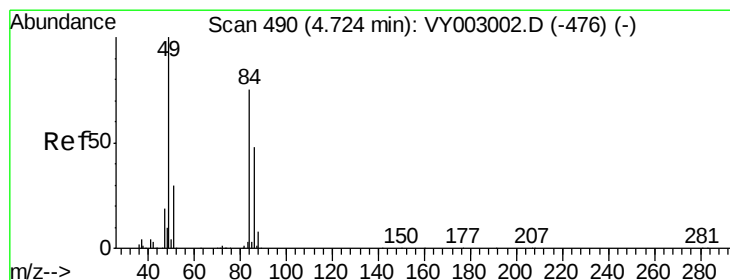
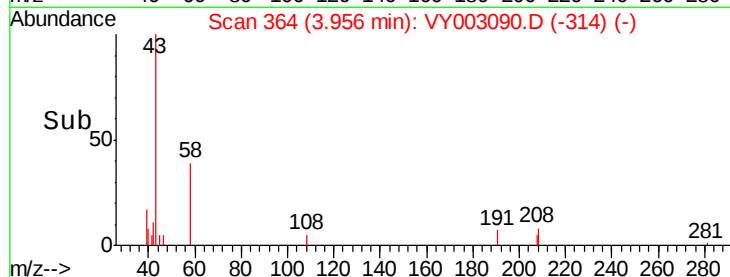
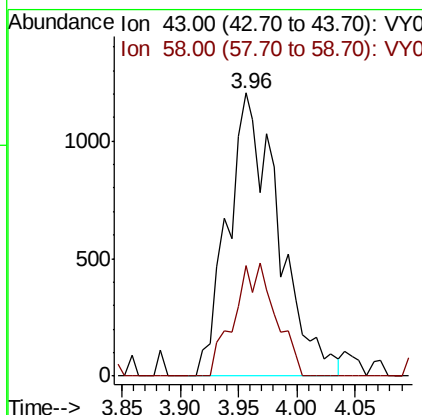
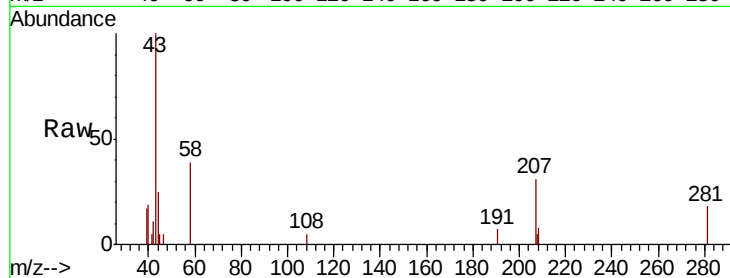




#16
Acetone
Concen: 5.520 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

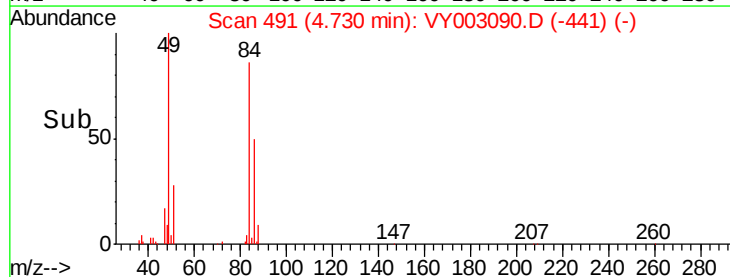
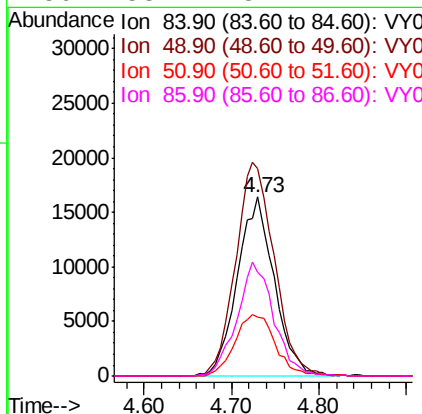
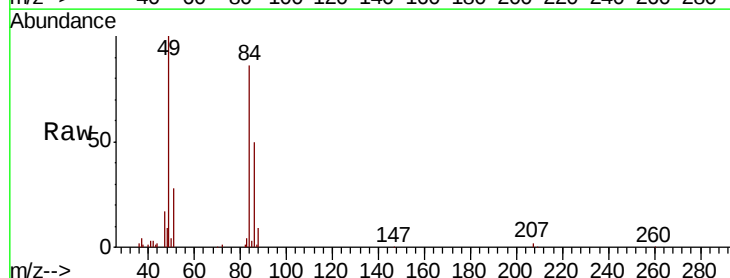
Instrument :
MSVOA_Y
ClientSampled :
VNJ-214

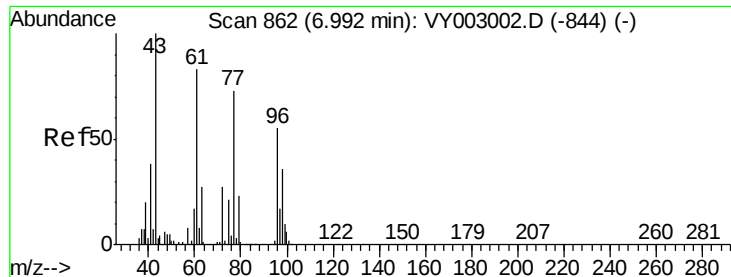
Tot Ion: 43 Resp: 3654
Ion Ratio Lower Upper
43 100
58 39.0 24.7 37.1#



#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





#25

2-Butanone

Concen: 2.036 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003090.D

Acq: 02 Jul 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

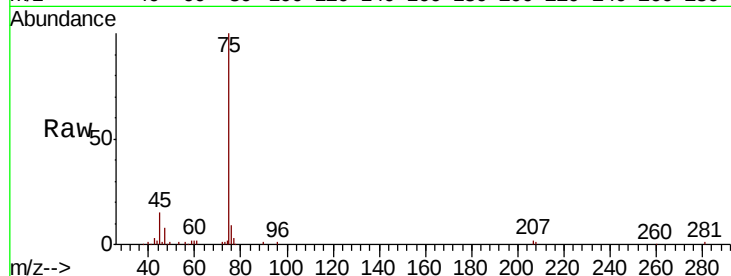
VNJ-214

Tot Ion: 43 Resp: 2141

Ion Ratio Lower Upper

43 100

72 33.8 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

800

600

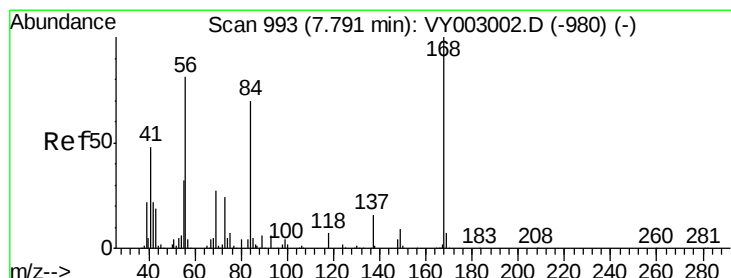
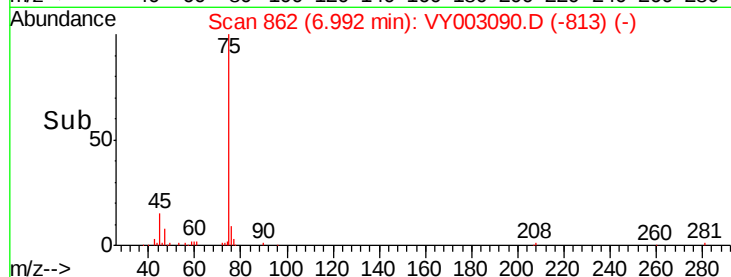
400

200

0

6.90 6.95 7.00 7.05

Time-->



#31

Cyclohexane

Concen: 1.081 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003090.D

Acq: 02 Jul 2020 17:10

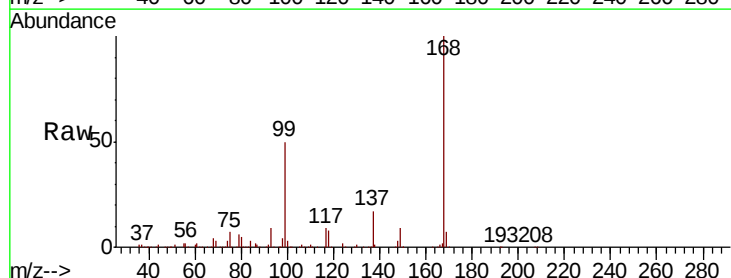
Tgt Ion: 56 Resp: 5335

Ion Ratio Lower Upper

56 100

69 163.5 27.0 40.4#

84 177.4 68.1 102.1#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

6000

5000

4000

3000

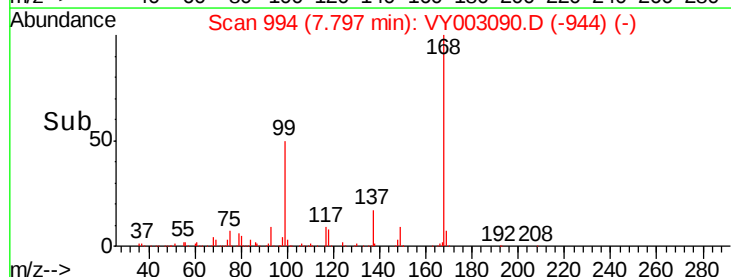
2000

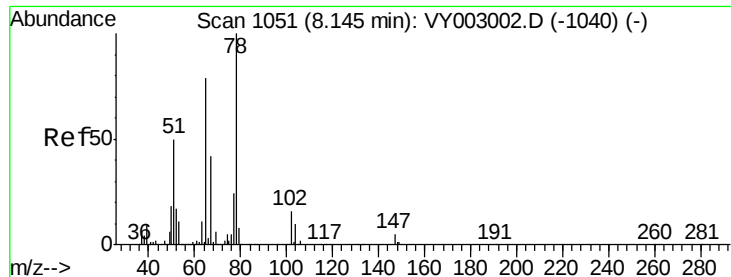
1000

0

7.70 7.75 7.80 7.85

Time-->

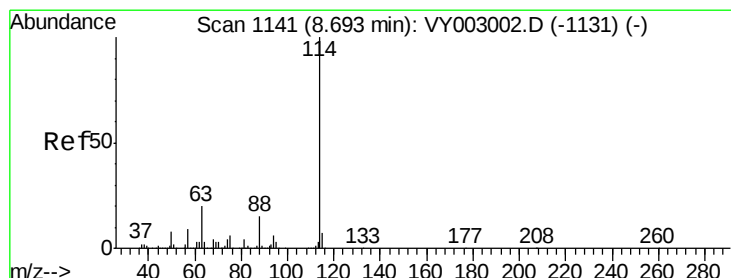
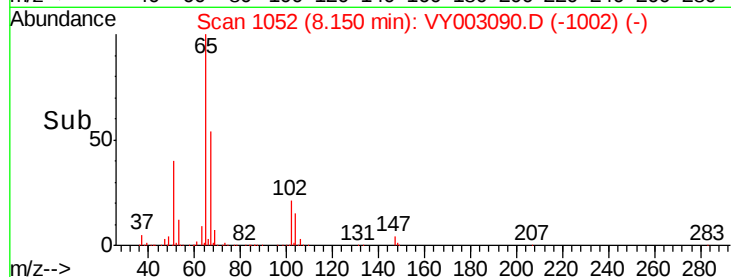
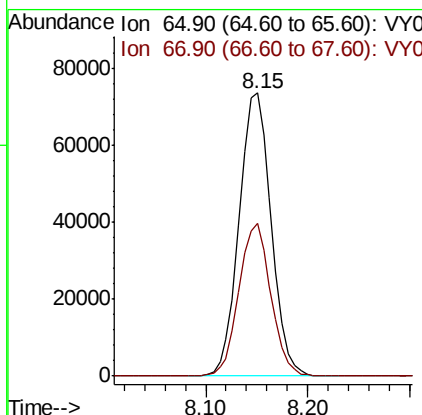
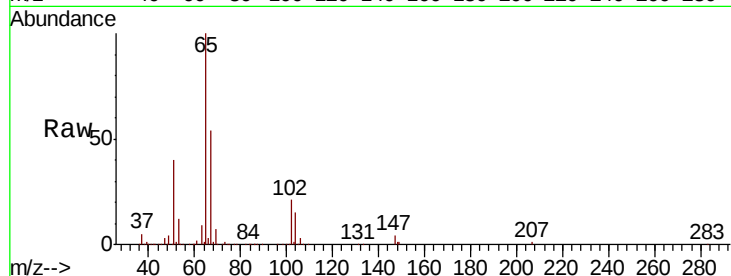




#33
 1,2-Dichloroethane-d4
 Concen: 57.312 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003090.D
 Acq: 02 Jul 2020 17:10

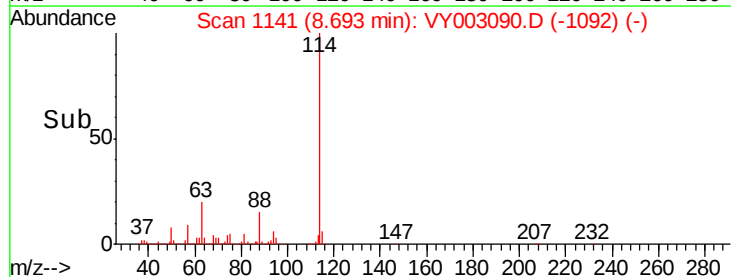
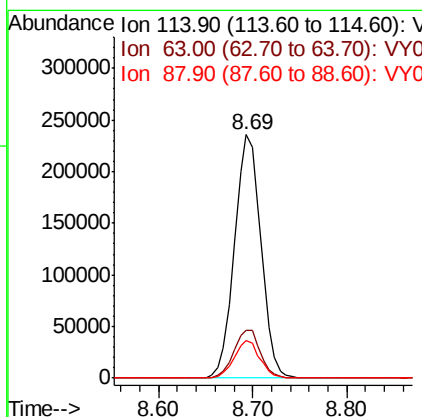
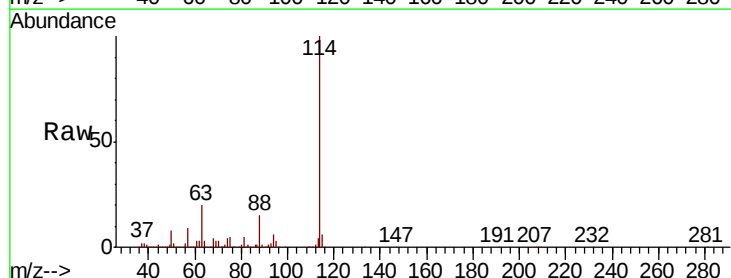
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-214

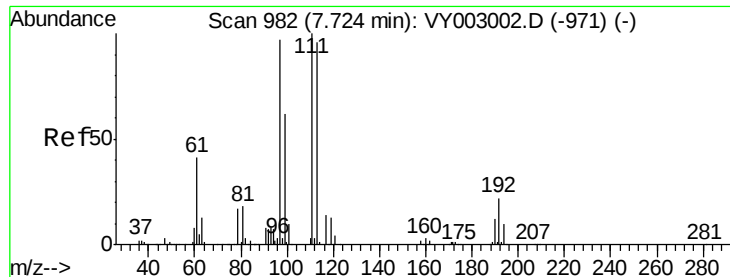
Tot Ion: 65 Resp: 160846
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.6



#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

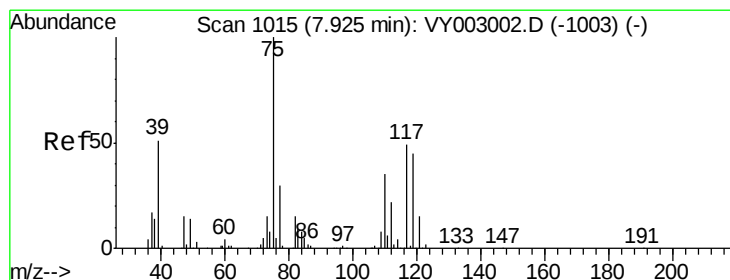
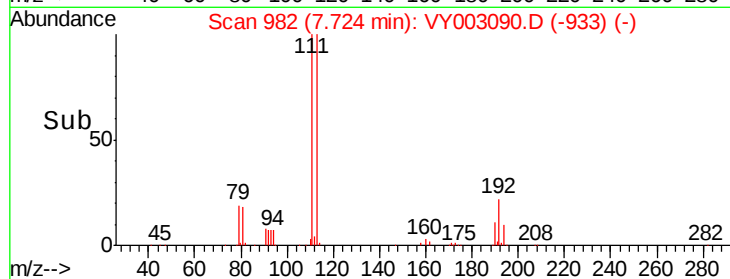
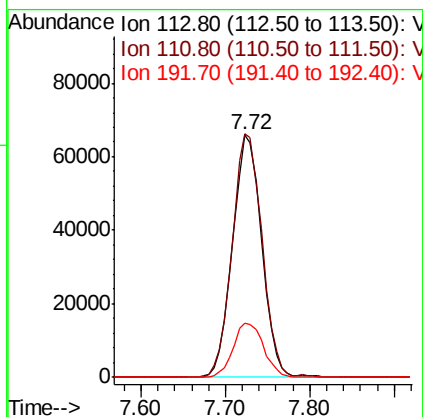
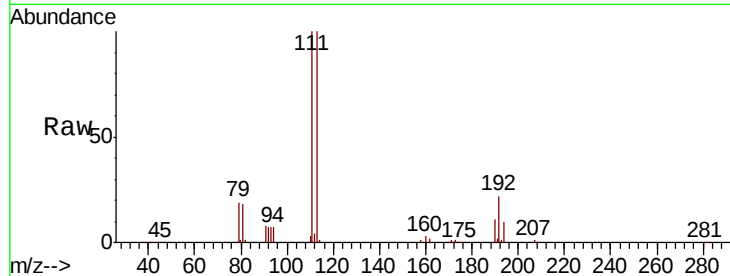




#35
 Dibromofluoromethane
 Concen: 53.715 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003090.D
 Acq: 02 Jul 2020 17:10

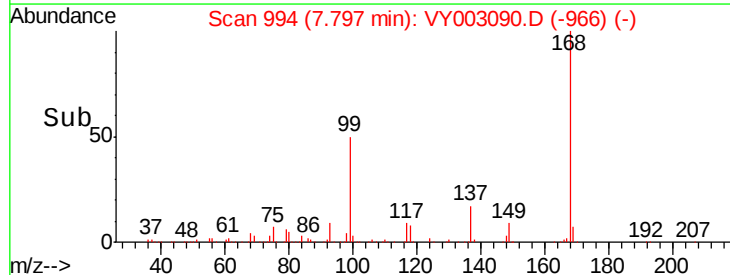
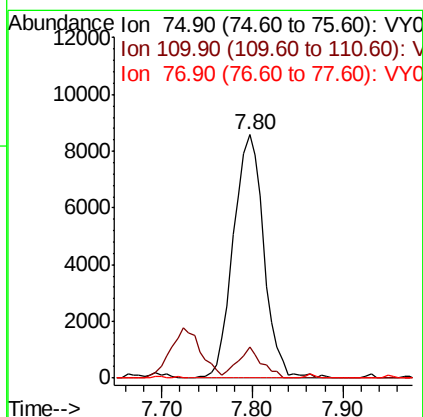
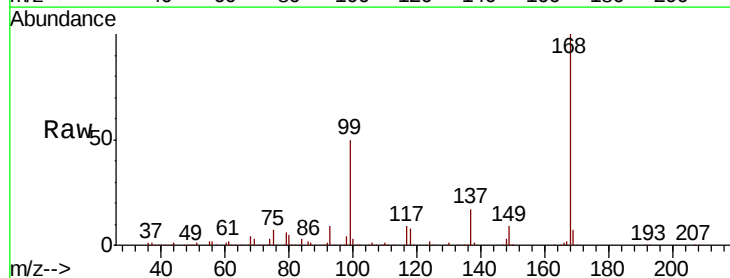
Instrument :
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 ClientSampleId :
 VNJ-214

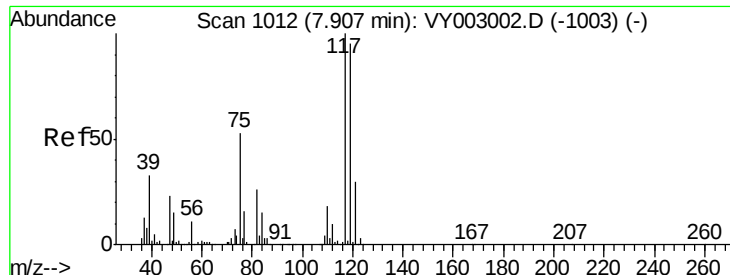
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	23.3	18.1	27.1



#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	Ratio	Lower	Upper
75	100		
110	10.0	17.1	51.2#
77	0.0	24.9	37.3#

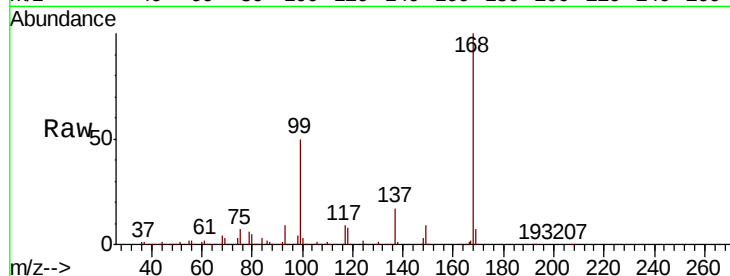




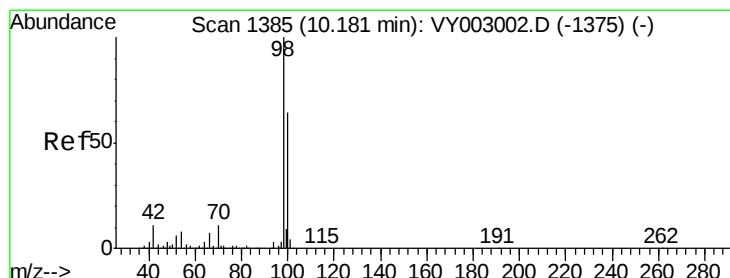
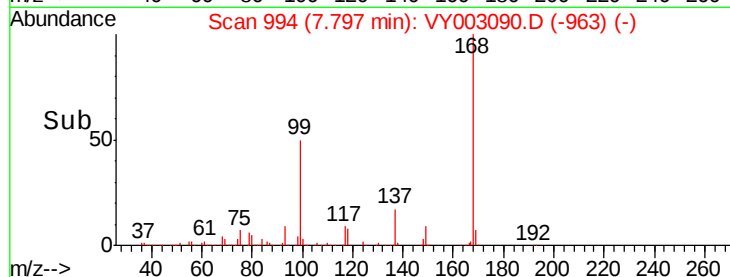
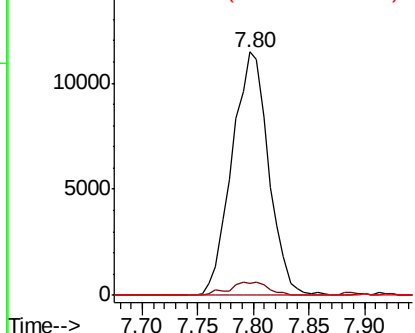
#38
Carbon Tetrachloride
Concen: 5.681 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

Tot Ion:117 Resp: 26156
Ion Ratio Lower Upper
117 100
119 4.9 75.7 113.5#
121 0.0 23.9 35.9#

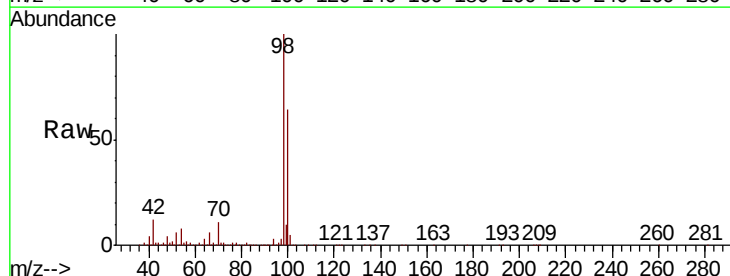


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

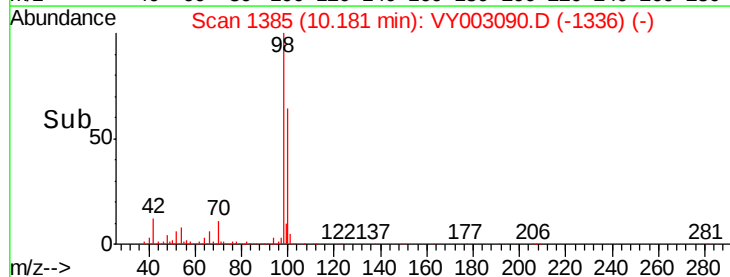
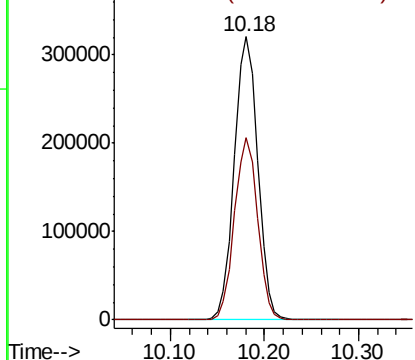


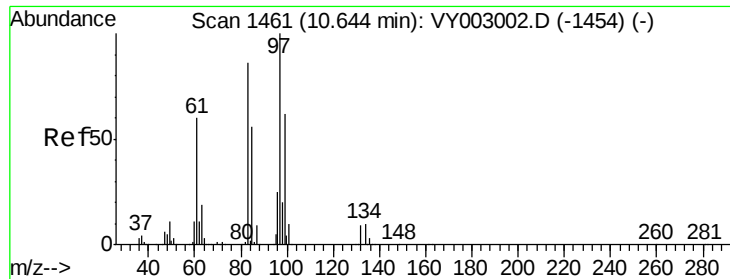
#50
Toluene-d8
Concen: 52.049 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Tgt 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

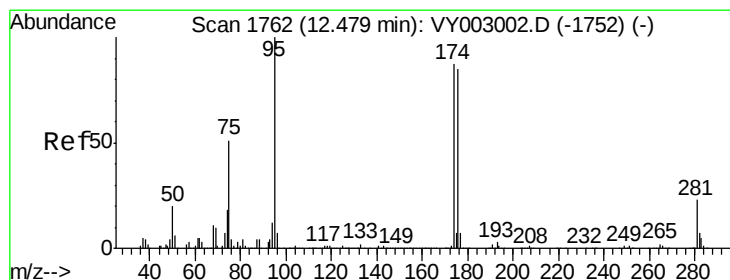
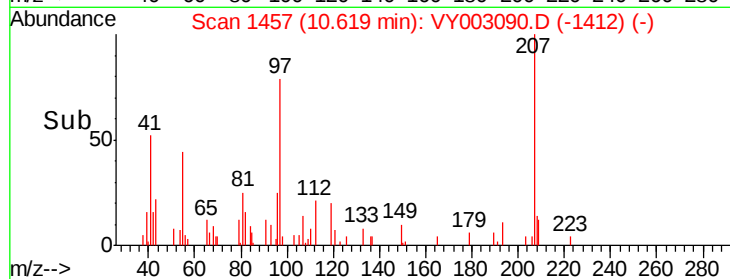
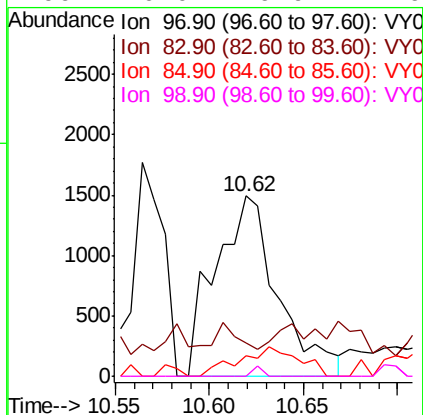
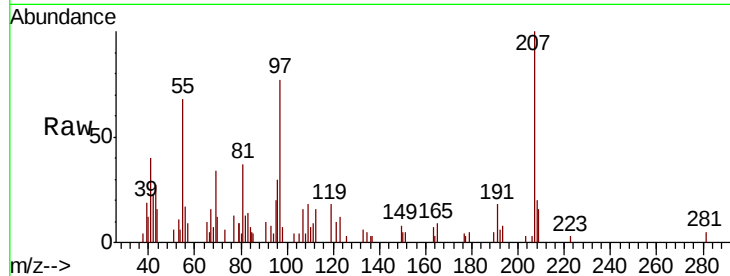




#55
 1,1,2-Trichloroethane
 Concen: 1.356 ug/l
 RT: 10.62 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: VY003090.D
 Acq: 02 Jul 2020 17:10

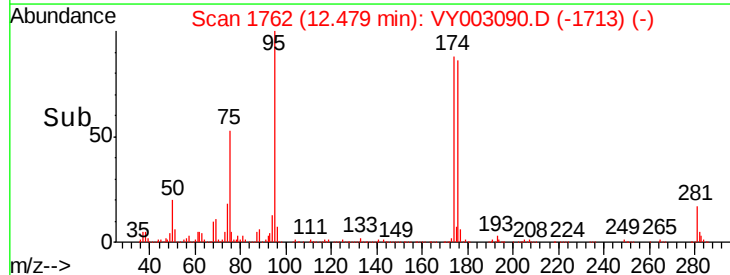
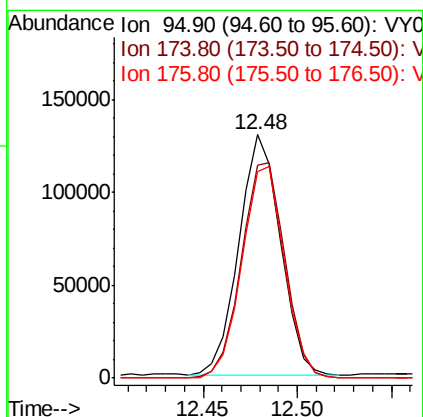
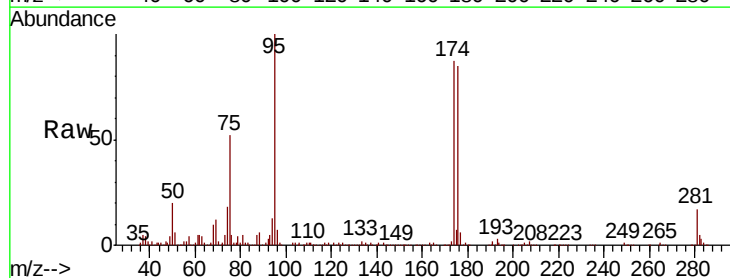
Instrument :
 MSVOA_Y
 ClientSampled :
 VNJ-214

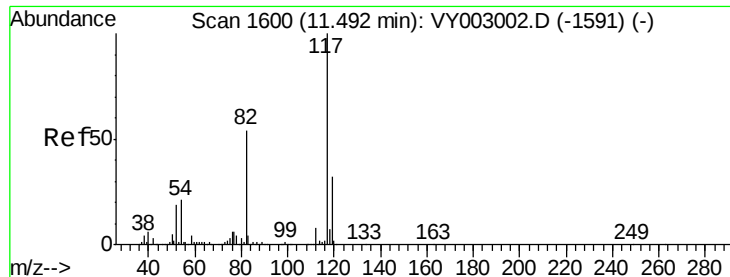
Tot Ion: 97 Resp: 3431
 Ion Ratio Lower Upper
 97 100
 83 2.0 69.0 103.6#
 85 11.1 44.8 67.2#
 99 0.0 49.9 74.9#



#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

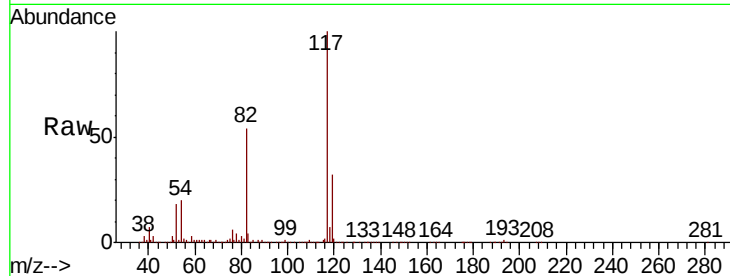




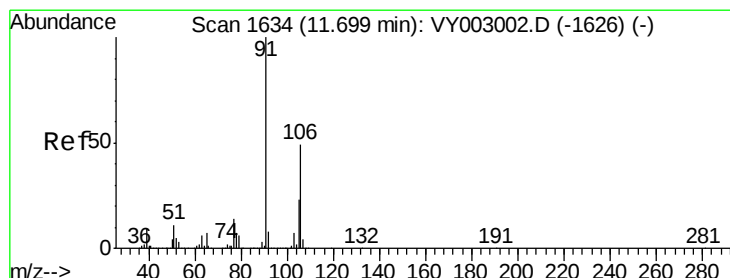
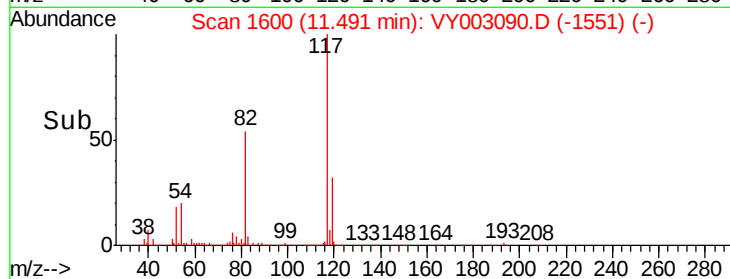
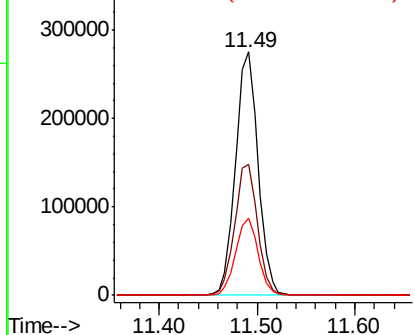
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

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

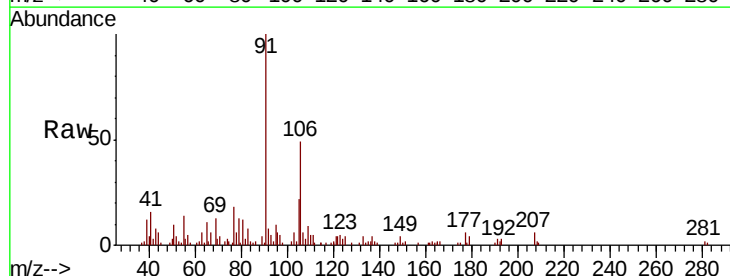


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

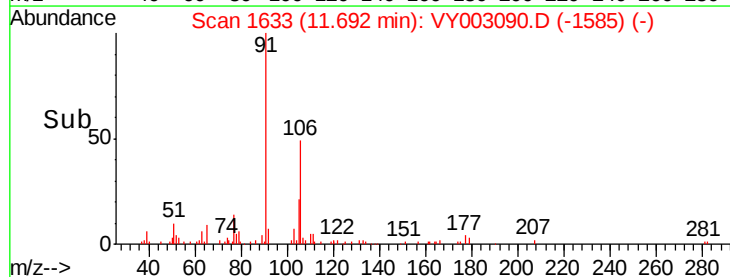
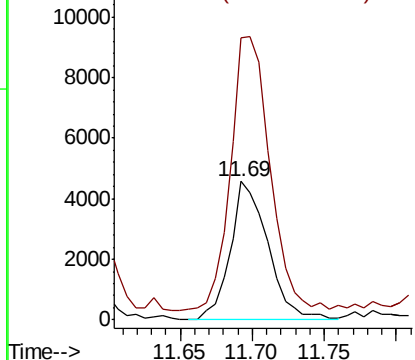


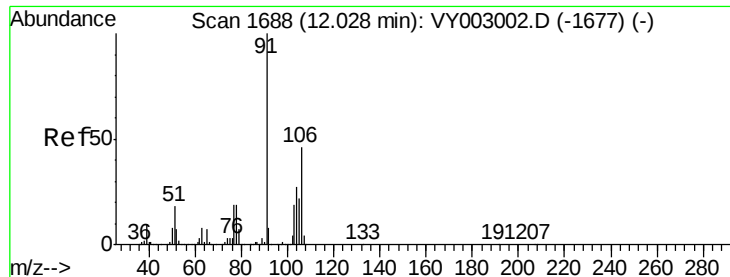
#68
m/p-Xylenes
Concen: 1.417 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

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

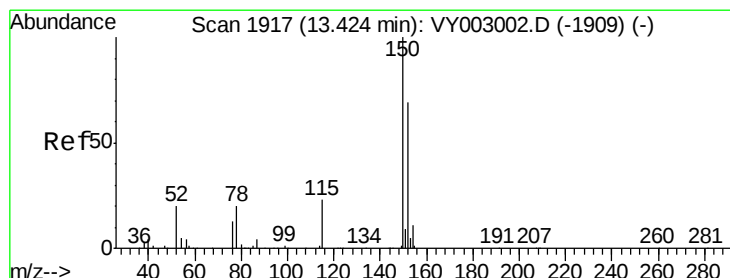
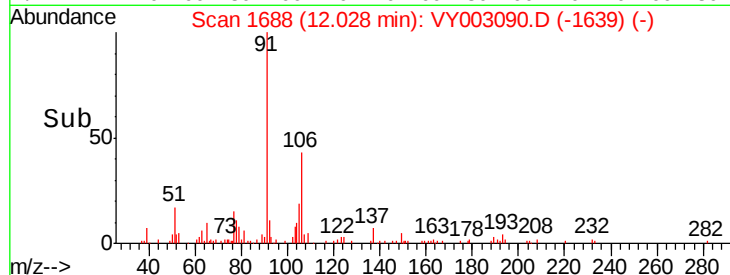
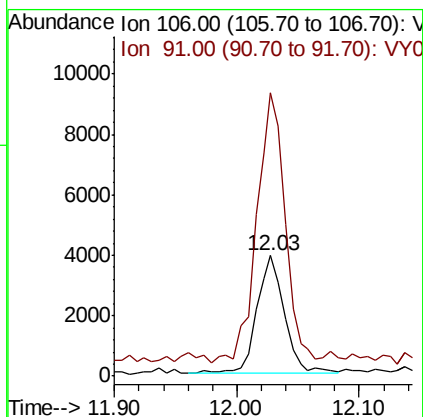
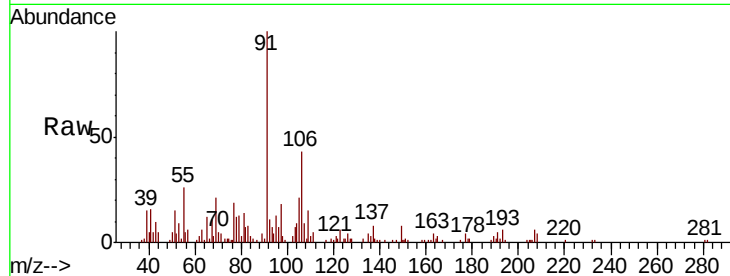




#69
o-Xylene
Concen: 1.113 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

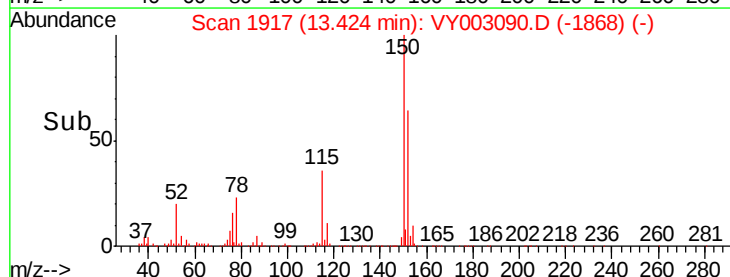
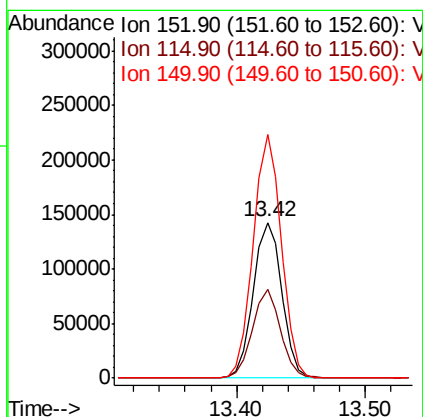
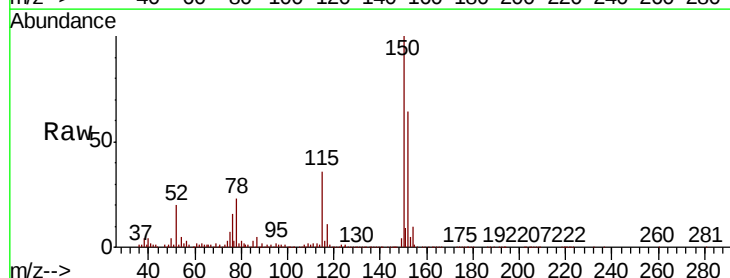
Instrument :
MSVOA_Y
ClientSampled :
VNJ-214

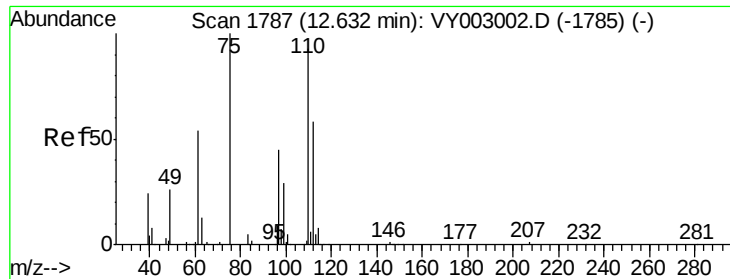
Tot Ion:106 Resp: 6204
Ion Ratio Lower Upper
106 100
91 234.9 107.9 323.8



#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





#76

1,2,3-Trichloropropane

Concen: 47.085 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003090.D

Acq: 02 Jul 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

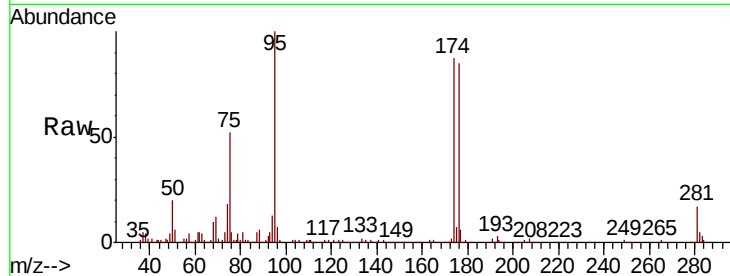
VNJ-214

Tot Ion: 75 Resp: 100828

Ion Ratio Lower Upper

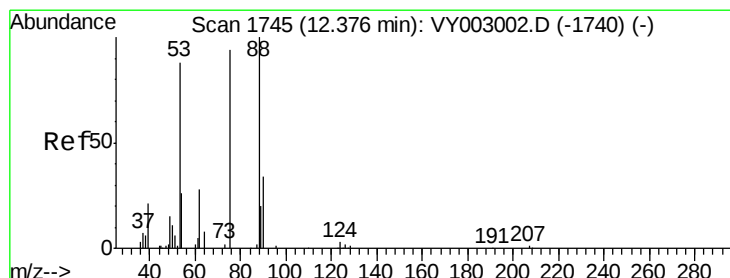
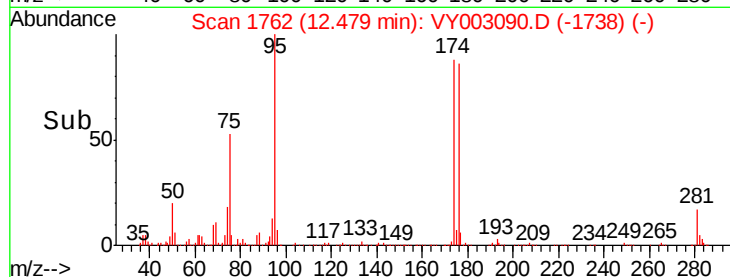
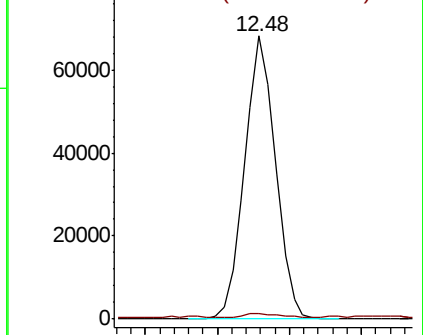
75 100

77 1.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 91.608 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003090.D

Acq: 02 Jul 2020 17:10

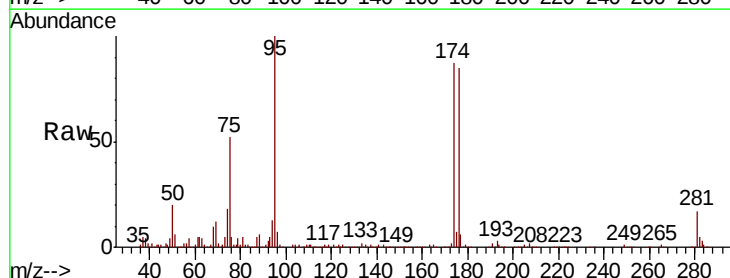
Tgt Ion: 75 Resp: 100828

Ion Ratio Lower Upper

75 100

53 0.6 73.9 110.9#

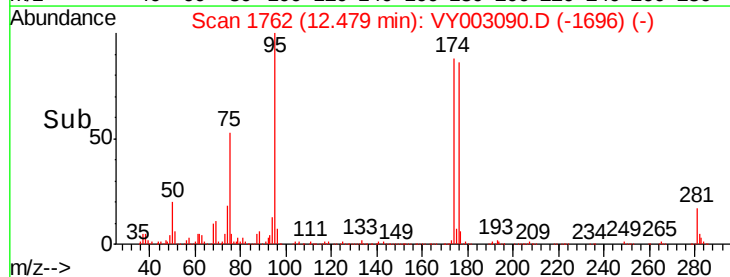
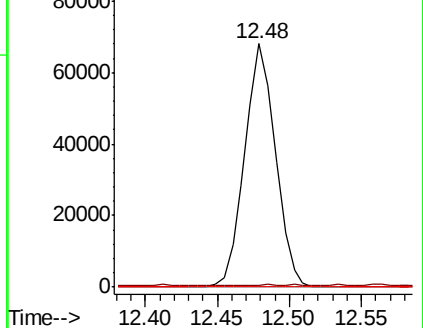
89 0.1 37.5 56.3#

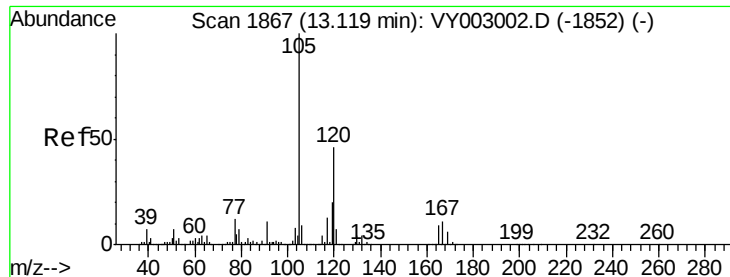


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#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 :

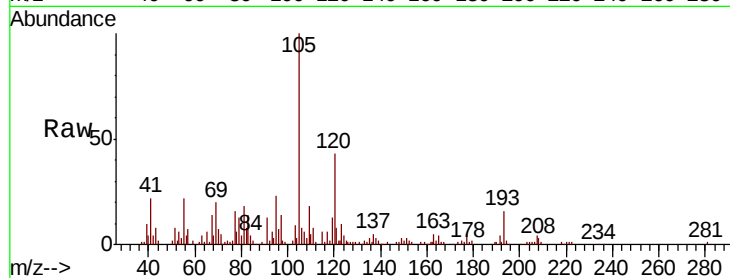
VNJ-214

Tot Ion:105 Resp: 28776

Ion Ratio Lower Upper

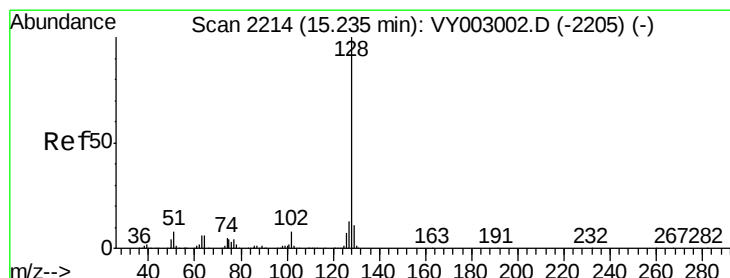
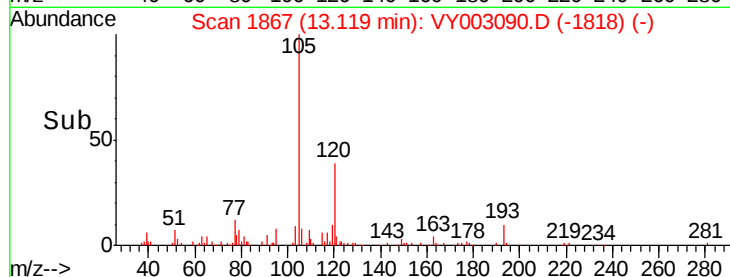
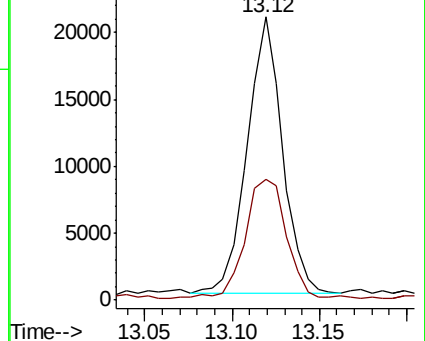
105 100

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

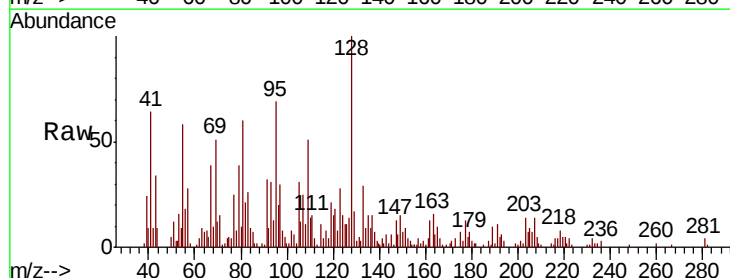
Tgt Ion:128 Resp: 15957

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

