

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054421.D
 Acq On : 19 Mar 2019 4:35
 Operator : JC/SP
 Sample : K1970-05 10X
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-5-E.WALL-SOUTH

Quant Time: Mar 19 07:44:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

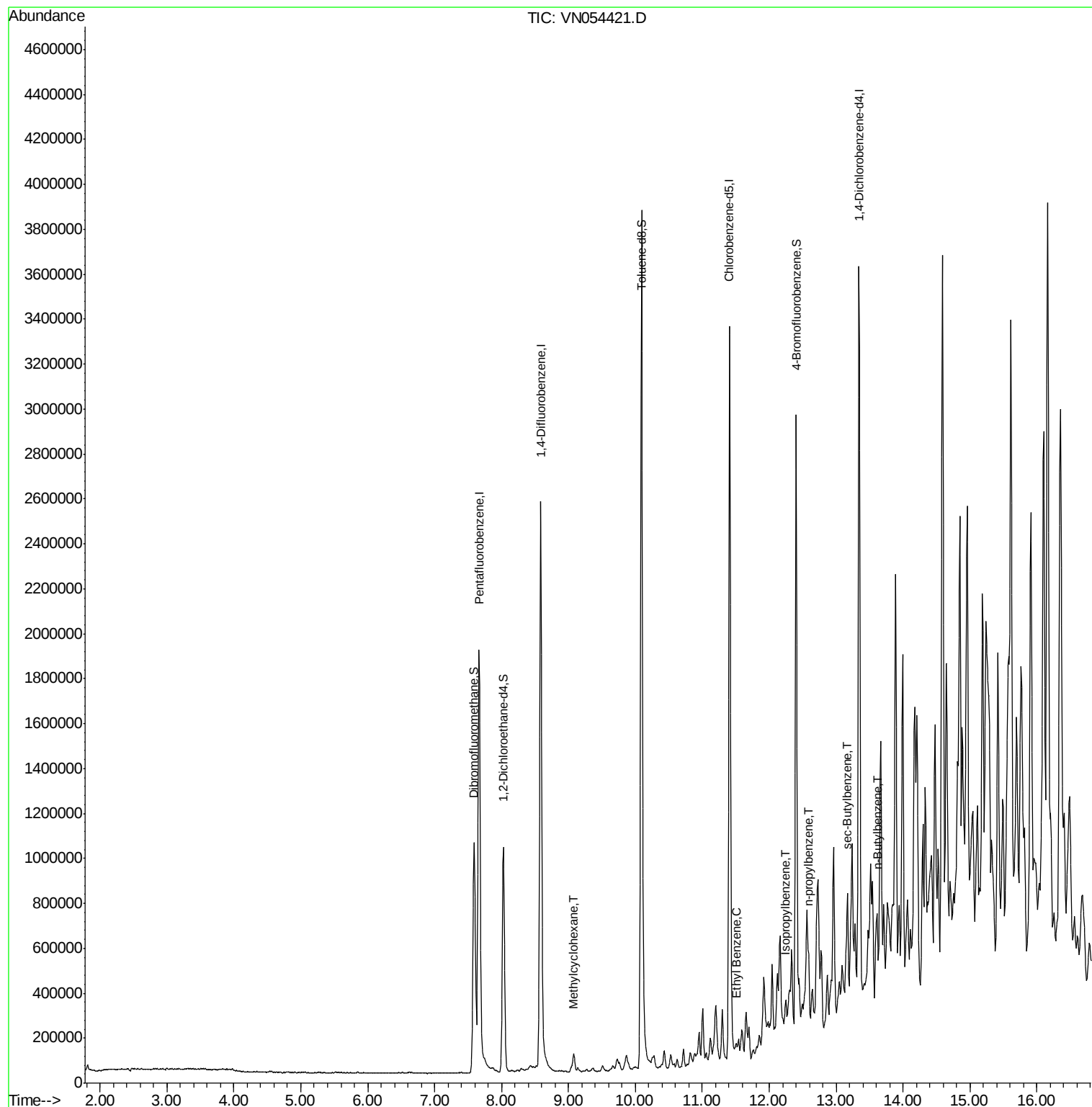
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1859338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2653108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2248866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	996965	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	869760	44.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.10%	
35) Dibromofluoromethane	7.59	113	794406	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
50) Toluene-d8	10.09	98	3079167	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.40	95	975432	44.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.22%	
Target Compounds						
39) Methylcyclohexane	9.08	83	38434	1.279	ug/l	96
67) Ethyl Benzene	11.51	91	31223	0.381	ug/l	97
73) Isopropylbenzene	12.25	105	101979	1.279	ug/l	98
78) n-propylbenzene	12.59	91	217158	2.509	ug/l	99
85) sec-Butylbenzene	13.17	105	260779	3.293	ug/l	89
89) n-Butylbenzene	13.62	91	203044	3.846	ug/l #	83

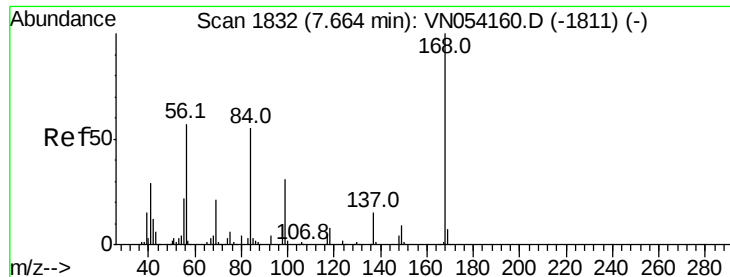
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P-5-E.WALL-SOUTH

Quant Time: Mar 19 07:44:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 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: VN054421.D

Acq: 19 Mar 2019 4:35

Instrument :

MSVOA_N

ClientSampleId :

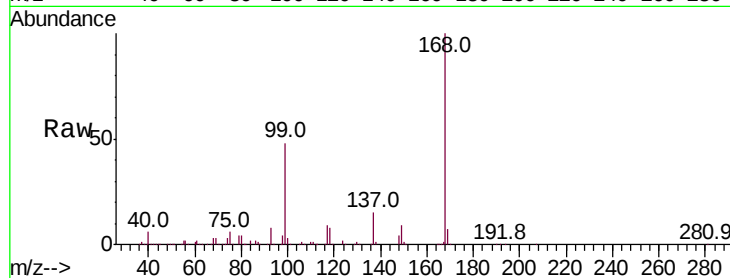
P-5-E.WALL-SOUTH

Tot Ion:168 Resp: 1859338

Ion Ratio Lower Upper

168 100

99 47.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

600000

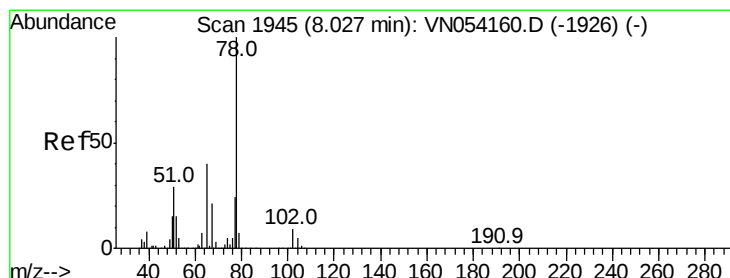
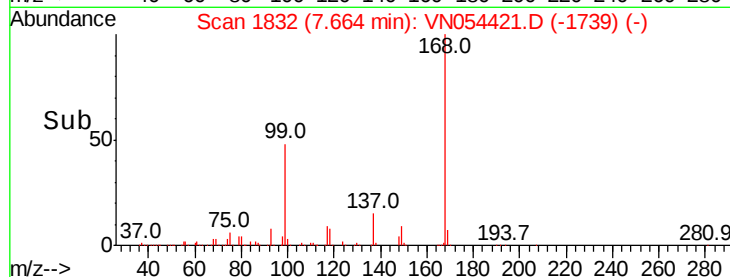
400000

200000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.047 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054421.D

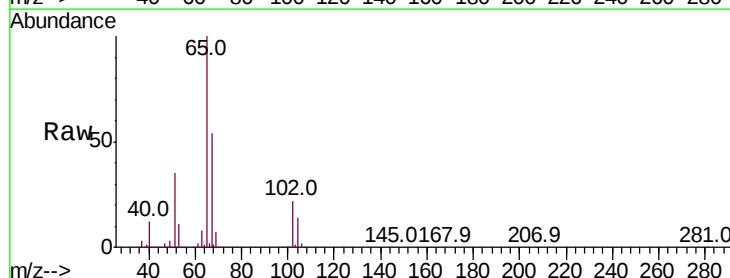
Acq: 19 Mar 2019 4:35

Tgt Ion: 65 Resp: 869760

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

400000

300000

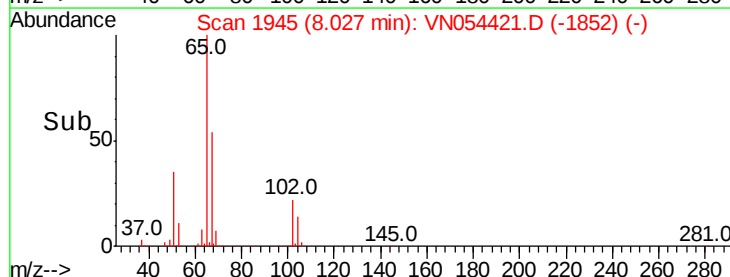
200000

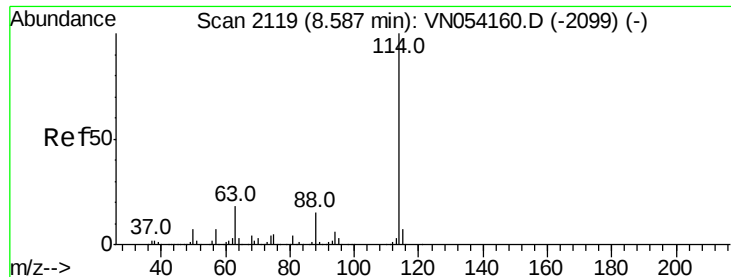
100000

0

7.90 8.00 8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054421.D

Acq: 19 Mar 2019 4:35

Instrument :

MSVOA_N

ClientSampleId :

P-5-E.WALL-SOUTH

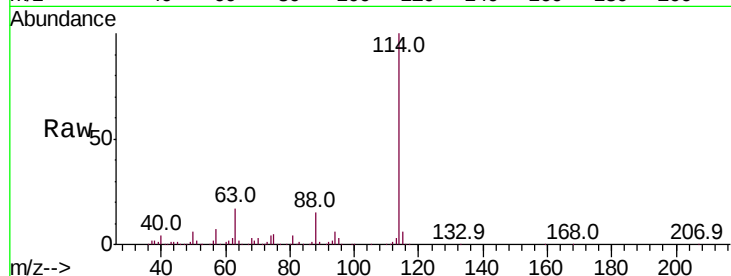
Tot Ion:114 Resp: 2653108

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.2

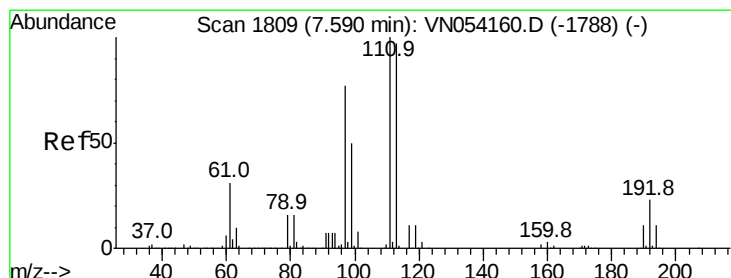
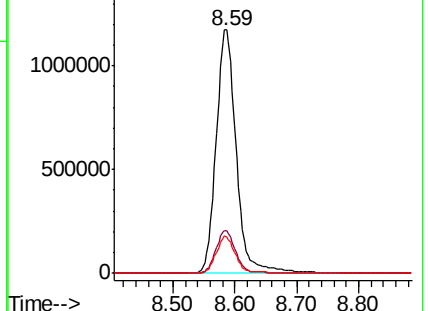
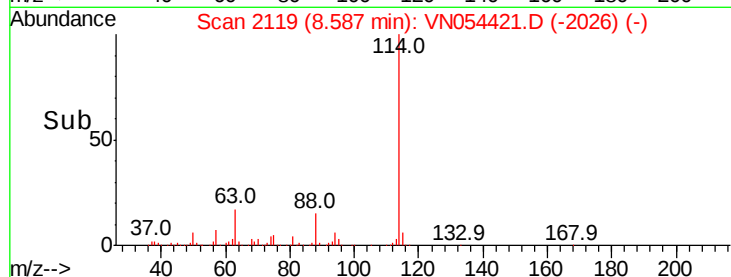
88 15.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 46.425 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054421.D

Acq: 19 Mar 2019 4:35

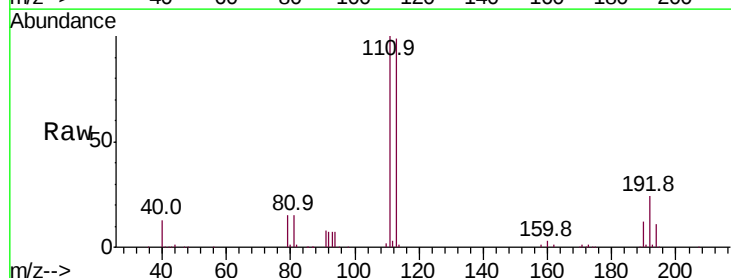
Tgt Ion:113 Resp: 794406

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

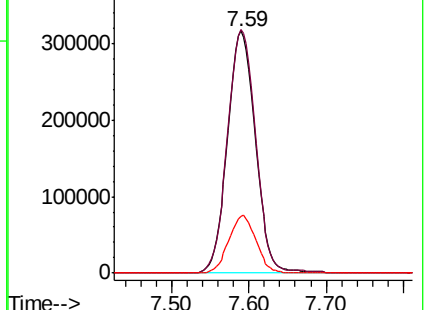
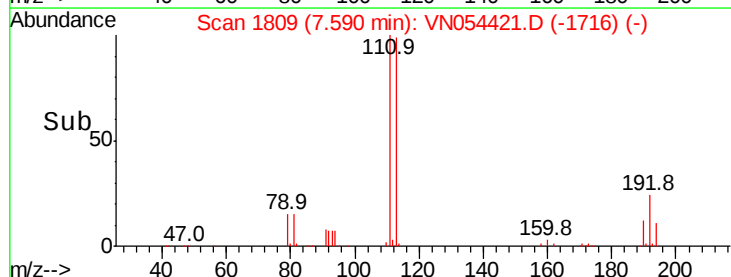
192 23.3 19.2 28.8

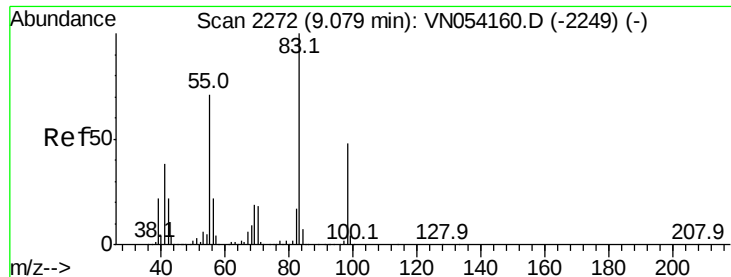


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

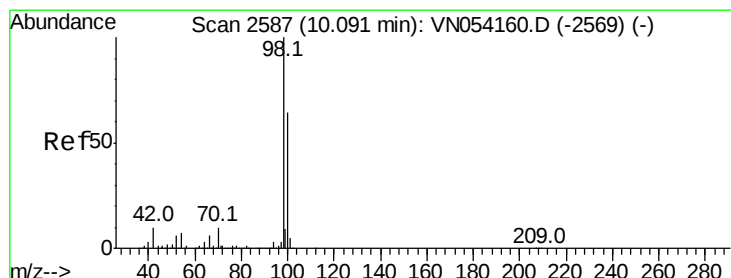
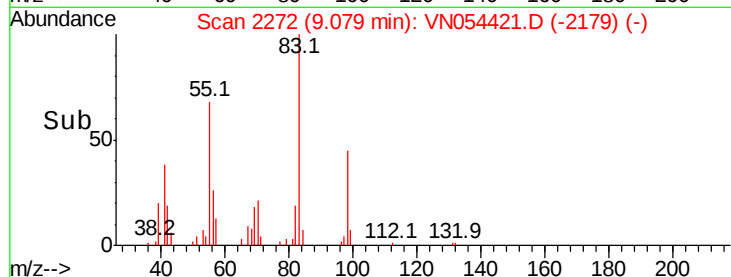
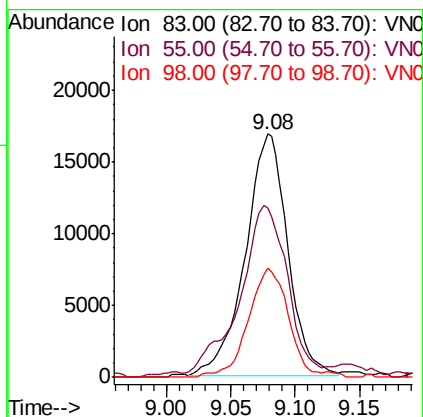
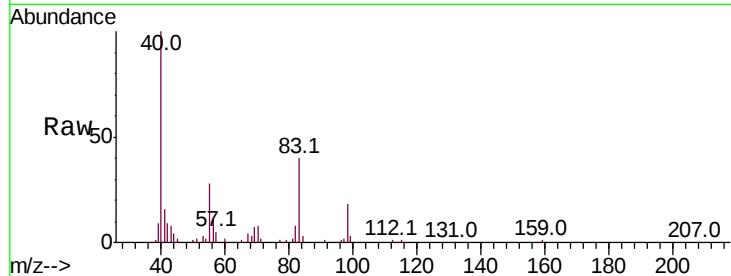




#39
Methvlcvclohexane
Concen: 1.279 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054421.D
Acq: 19 Mar 2019 4:35

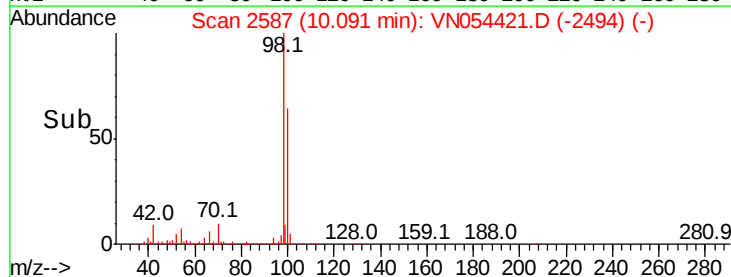
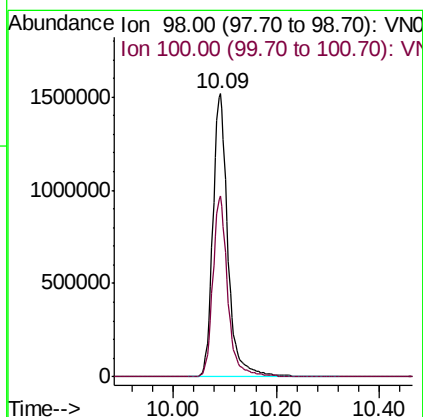
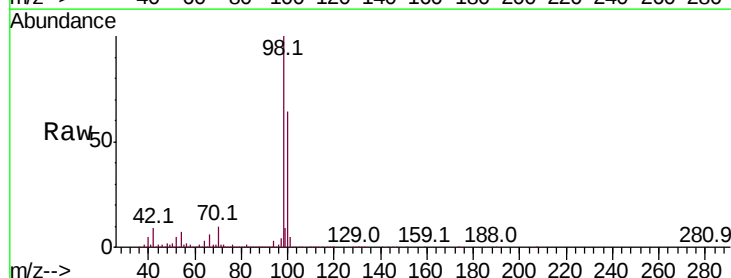
Instrument :
MSVOA_N
ClientSampleId :
P-5-E.WALL-SOUTH

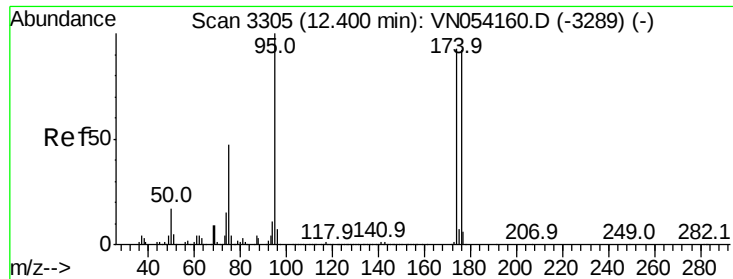
Tot Ion: 83 Resp: 38434
Ion Ratio Lower Upper
83 100
55 67.8 56.6 84.8
98 45.1 38.4 57.6



#50
Toluene-d8
Concen: 48.725 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054421.D
Acq: 19 Mar 2019 4:35

Tgt Ion: 98 Resp: 3079167
Ion Ratio Lower Upper
98 100
100 63.6 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 44.113 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054421.D

Acq: 19 Mar 2019 4:35

Instrument :

MSVOA_N

ClientSampleId :

P-5-E.WALL-SOUTH

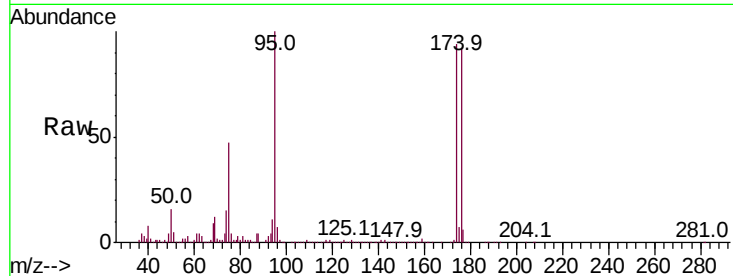
Tot Ion: 95 Resp: 975432

Ion Ratio Lower Upper

95 100

174 95.2 0.0 191.0

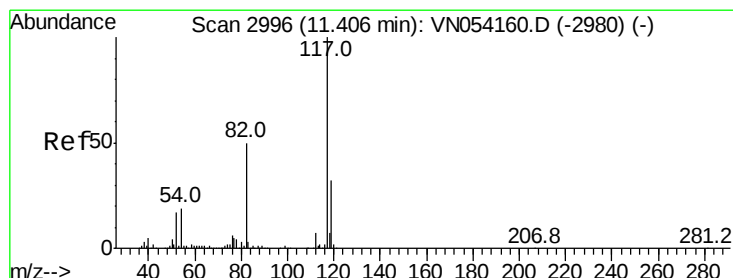
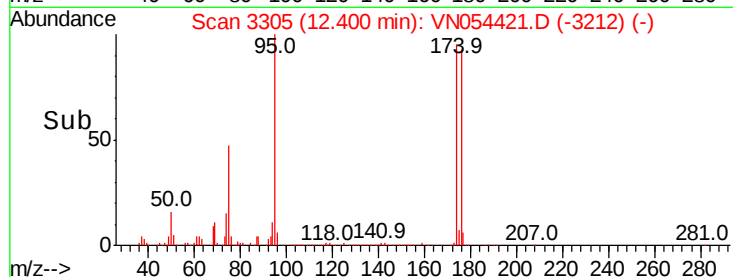
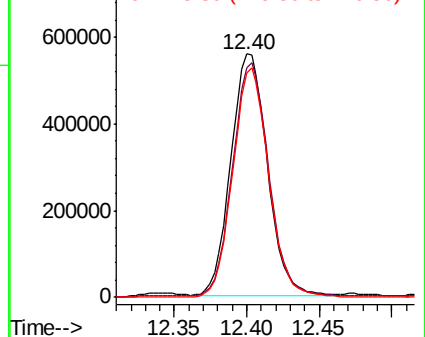
176 93.7 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054421.D

Acq: 19 Mar 2019 4:35

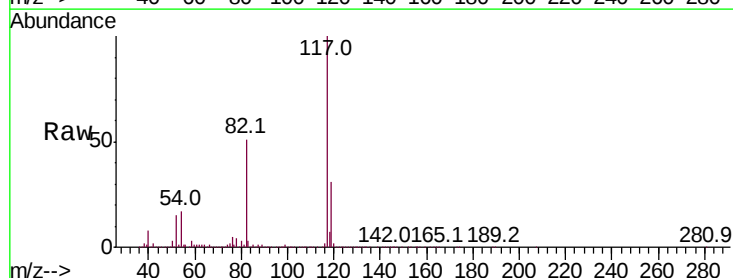
Tgt Ion: 117 Resp: 2248866

Ion Ratio Lower Upper

117 100

82 50.7 40.0 60.0

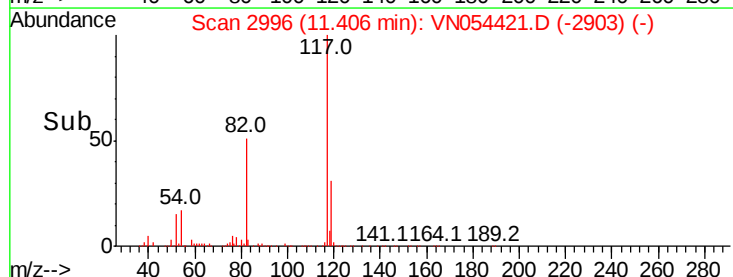
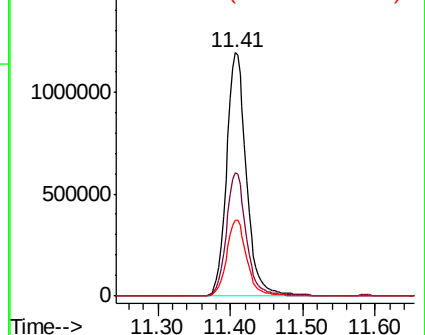
119 31.3 25.8 38.6

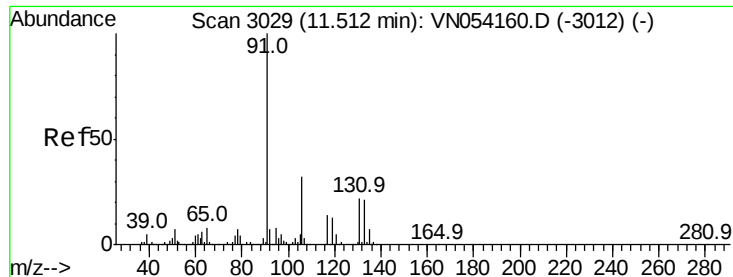


Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054160.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054160.D (-2980) (-)

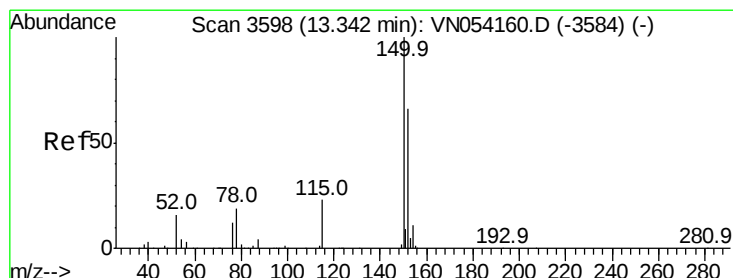
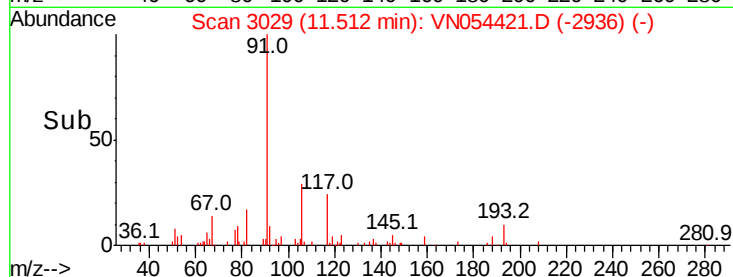
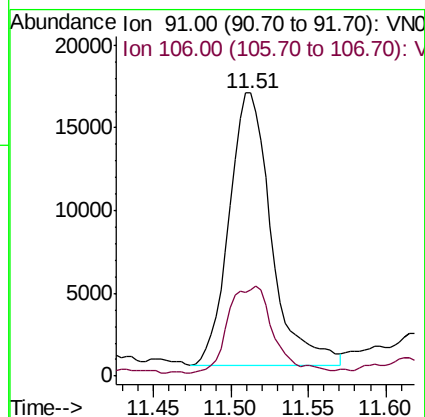
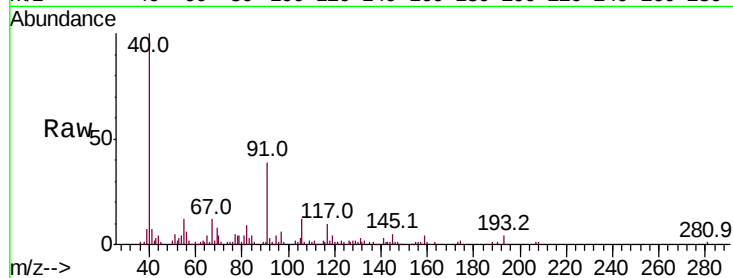




#67
Ethyl Benzene
Concen: 0.381 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054421.D
Acq: 19 Mar 2019 4:35

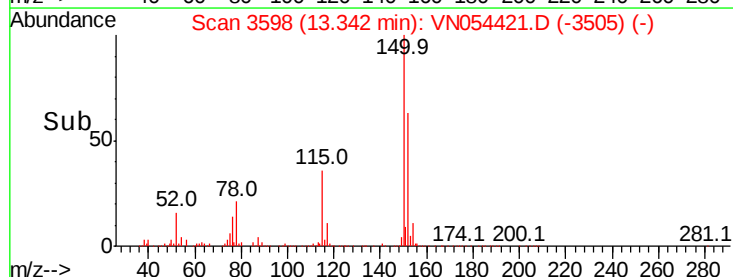
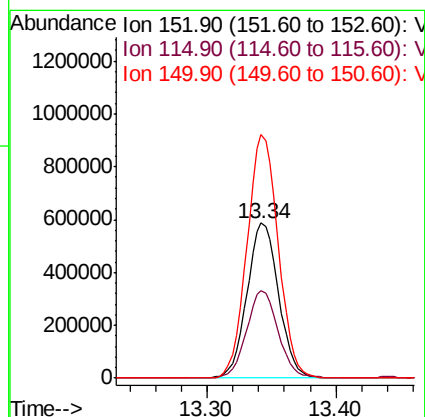
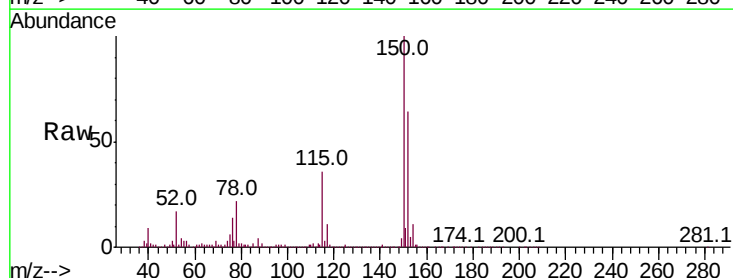
Instrument :
MSVOA_N
ClientSampleId :
P-5-E.WALL-SOUTH

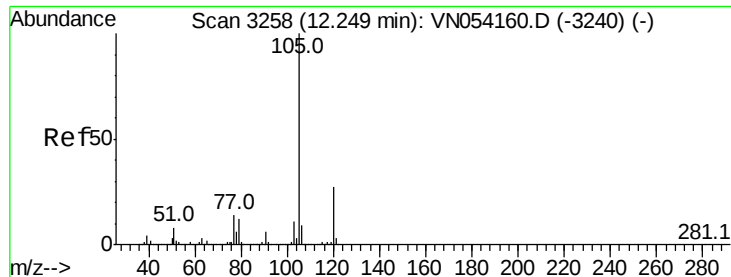
Tot Ion: 91 Resp: 31223
Ion Ratio Lower Upper
91 100
106 30.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054421.D
Acq: 19 Mar 2019 4:35

Tgt Ion: 152 Resp: 996965
Ion Ratio Lower Upper
152 100
115 55.9 27.2 81.6
150 155.9 0.0 349.2





#73

Isopropylbenzene

Concen: 1.279 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054421.D

Acq: 19 Mar 2019 4:35

Instrument :

MSVOA_N

ClientSampleId :

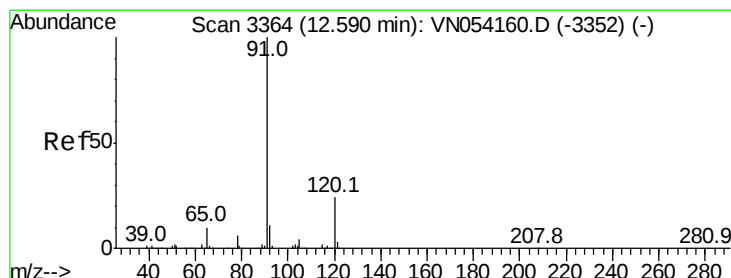
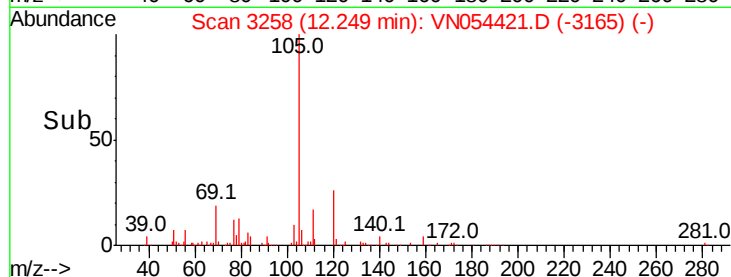
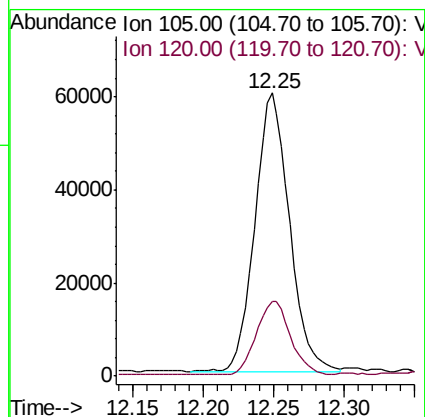
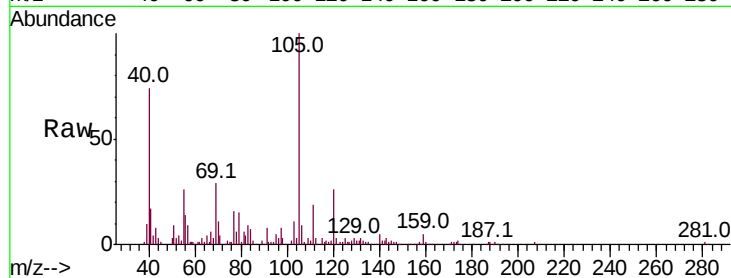
P-5-E.WALL-SOUTH

Tot Ion:105 Resp: 101979

Ion Ratio Lower Upper

105 100

120 26.2 13.8 41.3



#78

n-propylbenzene

Concen: 2.509 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054421.D

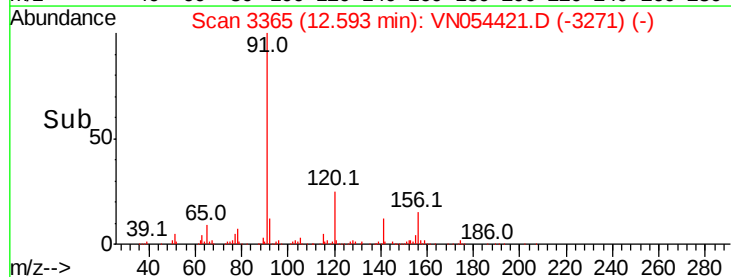
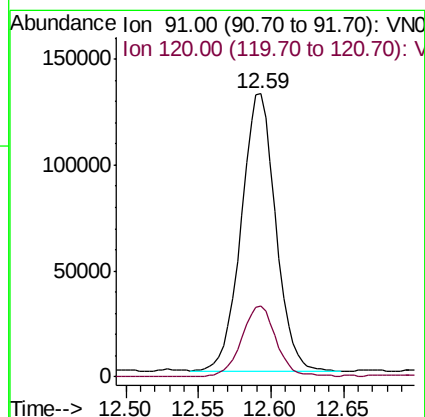
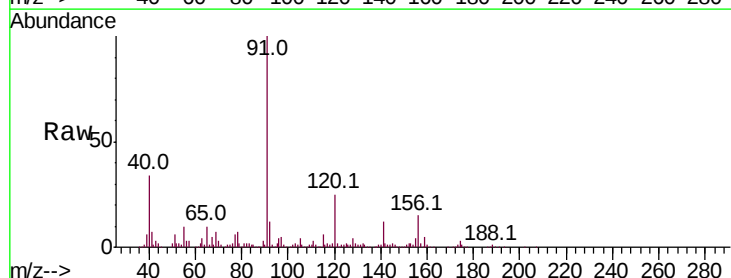
Acq: 19 Mar 2019 4:35

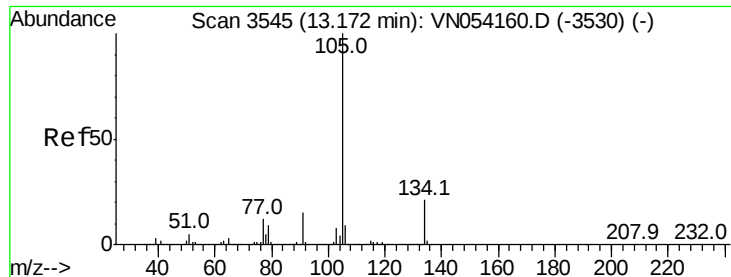
Tgt Ion: 91 Resp: 217158

Ion Ratio Lower Upper

91 100

120 25.3 12.3 36.9





#85

sec-Butylbenzene

Concen: 3.293 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054421.D

Acq: 19 Mar 2019 4:35

Instrument :

MSVOA_N

ClientSampleId :

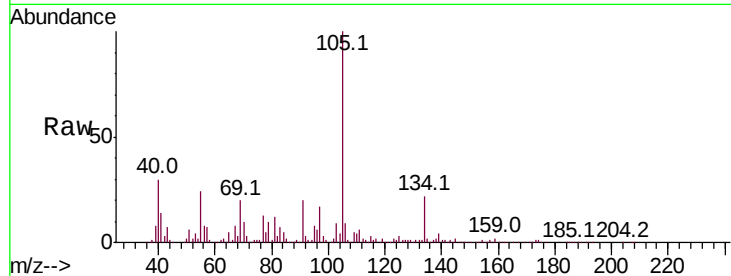
P-5-E.WALL-SOUTH

Tot Ion:105 Resp: 260779

Ion Ratio Lower Upper

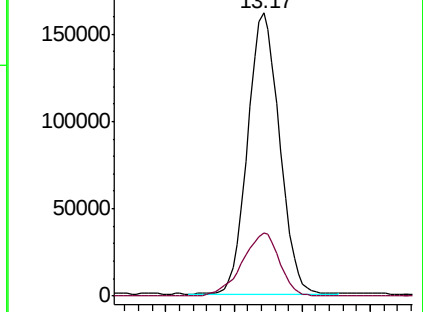
105 100

134 26.4 10.7 32.1

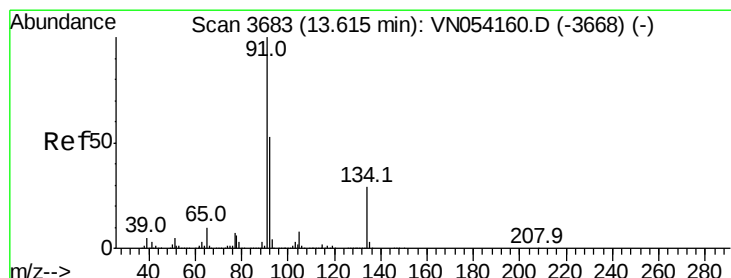
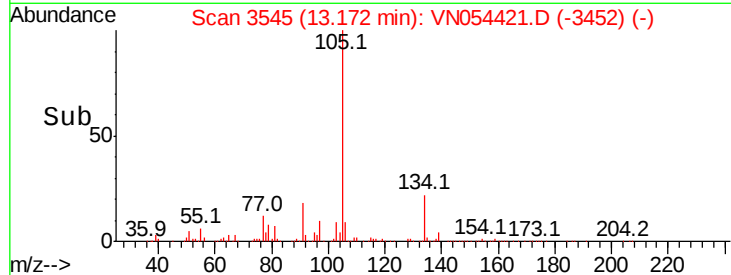


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#89

n-Butylbenzene

Concen: 3.846 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054421.D

Acq: 19 Mar 2019 4:35

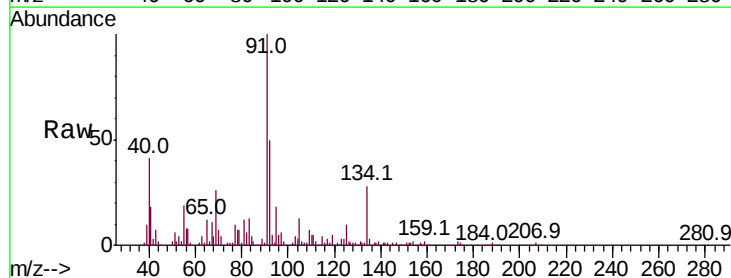
Tgt Ion: 91 Resp: 203044

Ion Ratio Lower Upper

91 100

92 47.5 26.2 78.6

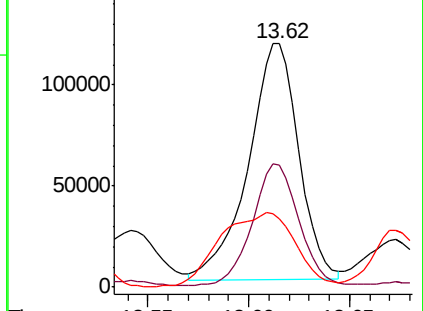
134 47.0 14.3 42.9#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->

