

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
 Data File : VN051712.D
 Acq On : 6 Oct 2018 2:07
 Operator : MD\SY
 Sample : J5165-01ME
 Misc : 6.10g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 42 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-G-092718(7-10)ME

Quant Time: Oct 06 04:04:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

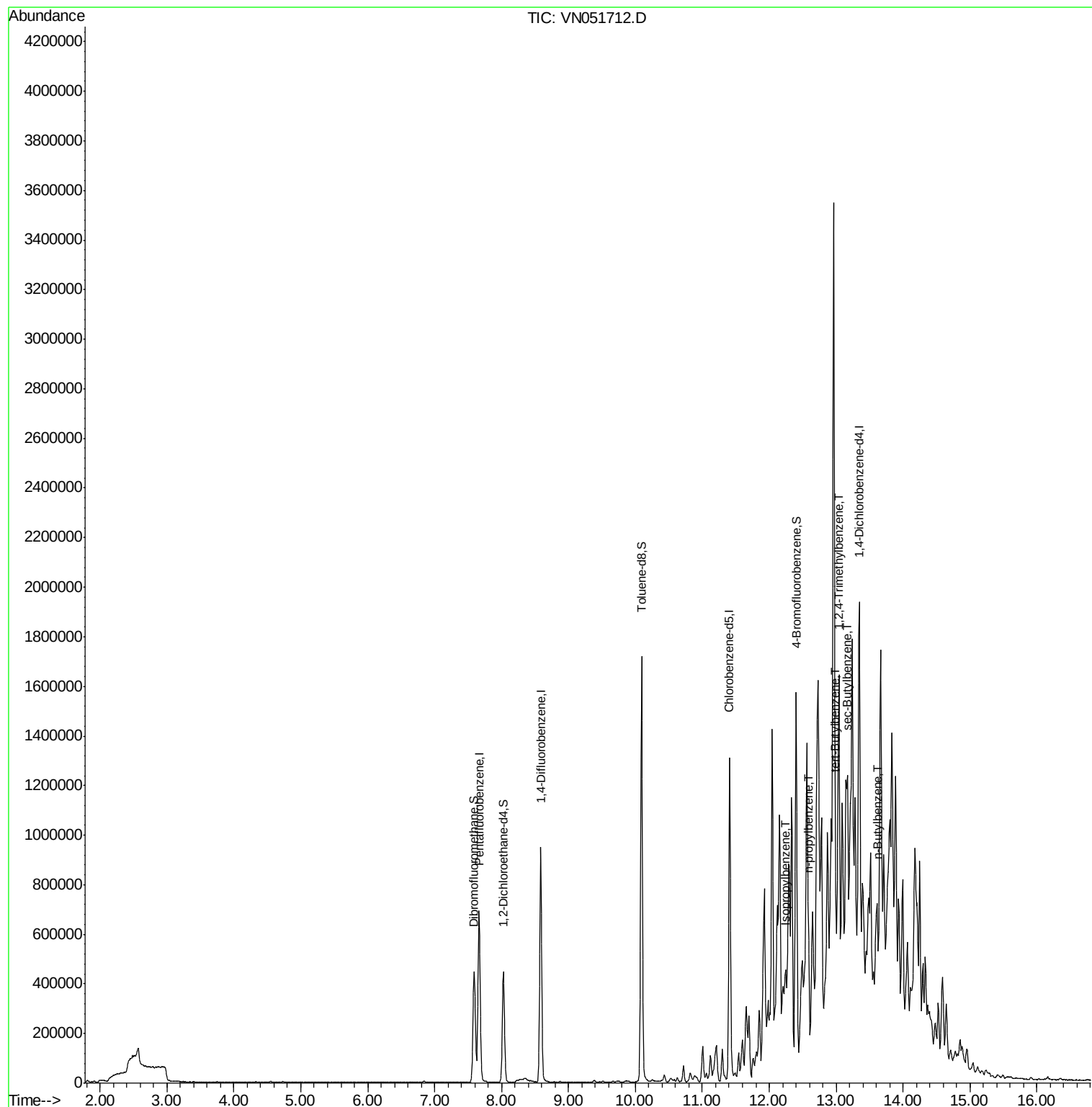
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	606998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	877728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	775117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	441617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	362318	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
35) Dibromofluoromethane	7.59	113	328604	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	10.09	98	1241012	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.40	95	399877	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	
Target Compounds						
73) Isopropylbenzene	12.25	105	73340	1.948	ug/l	99
78) n-propylbenzene	12.59	91	276139	6.725	ug/l	99
83) tert-Butylbenzene	12.99	119	37240	1.310	ug/l	86
84) 1,2,4-Trimethylbenzene	13.04	105	541462	17.039	ug/l	98
85) sec-Butylbenzene	13.17	105	299585	7.967	ug/l #	75
89) n-Butylbenzene	13.61	91	194760	7.389	ug/l #	83

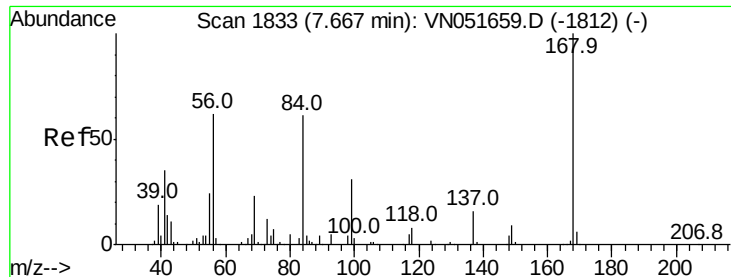
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP1-MW-G-092718(7-10)ME

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Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

Instrument :

MSVOA_N

ClientSampleId :

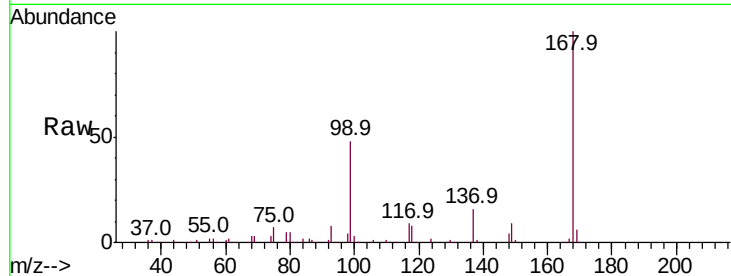
EP1-MW-G-092718(7-10)ME

Tot Ion:168 Resp: 606998

Ion Ratio Lower Upper

168 100

99 48.1 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VN051712.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051712.D (-1740) (-)

7.67

250000

200000

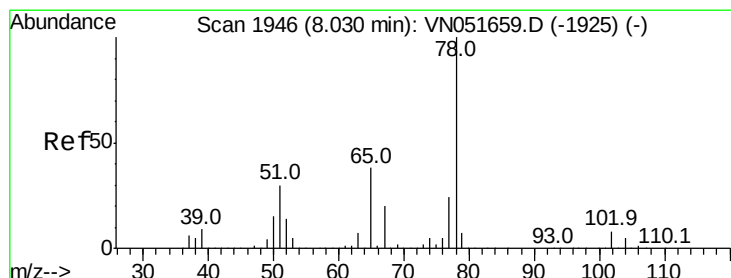
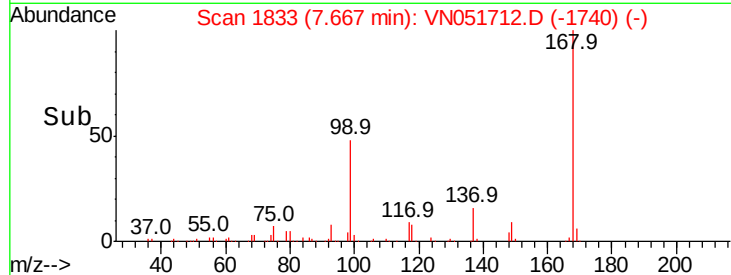
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051712.D

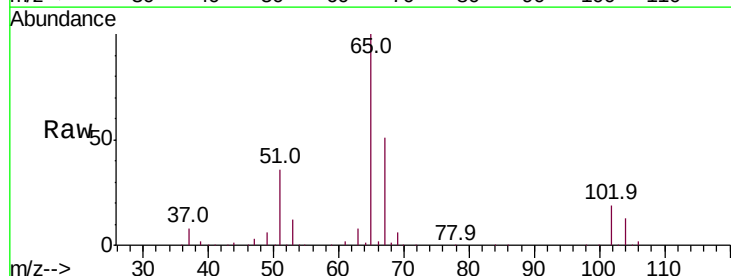
Acq: 6 Oct 2018 2:07

Tgt Ion: 65 Resp: 362318

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051712.D (-1853) (-)

Ion 66.90 (66.60 to 67.60): VN051712.D (-1853) (-)

8.03

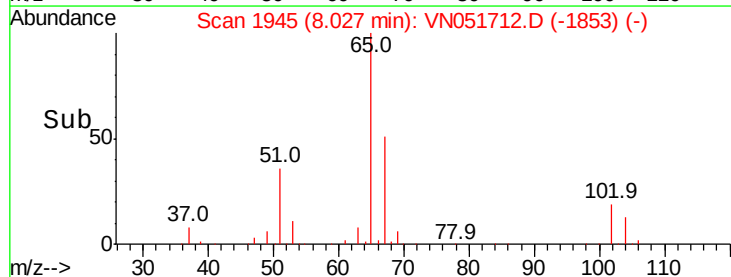
150000

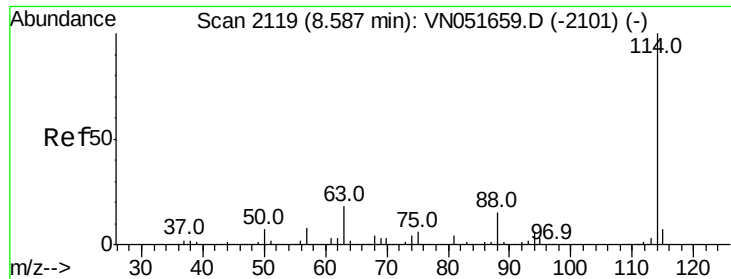
100000

50000

0

Time-->

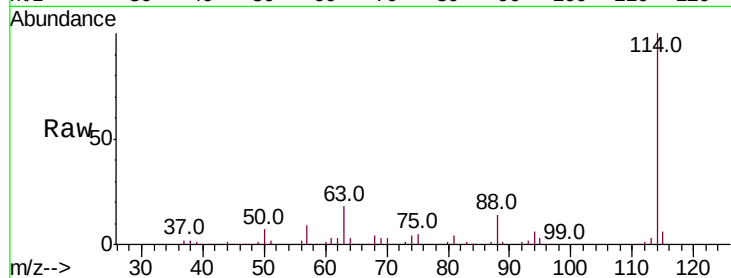




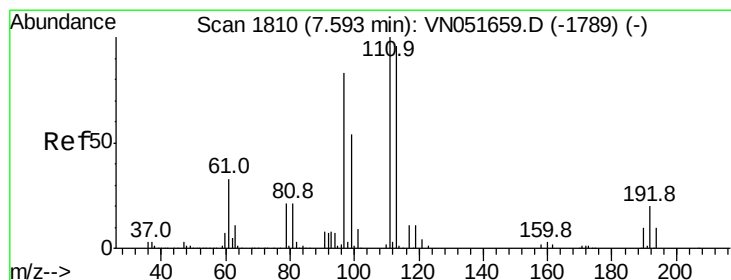
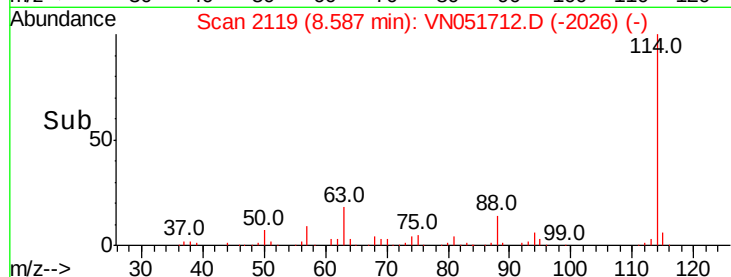
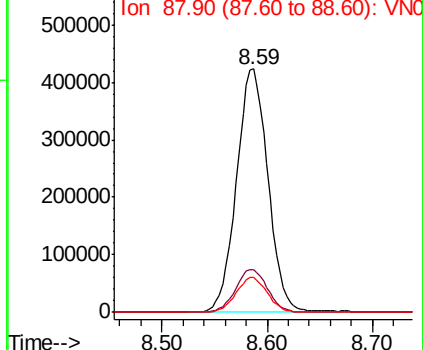
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051712.D
 Acq: 6 Oct 2018 2:07

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-G-092718(7-10)ME

Tot Ion:114 Resp: 877728
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.2
 88 14.5 0.0 30.2

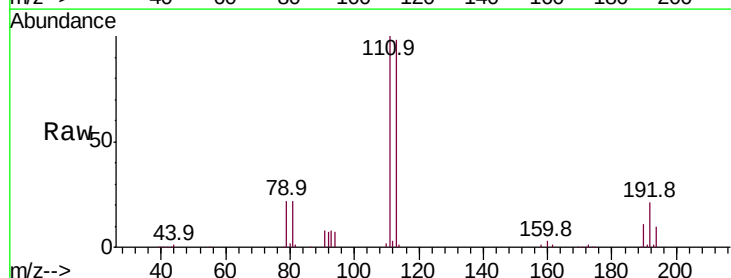


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

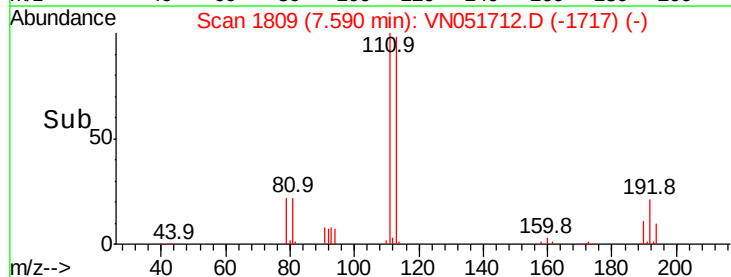
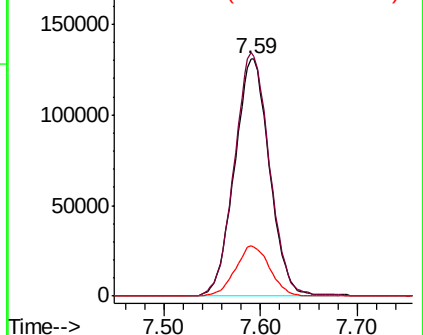


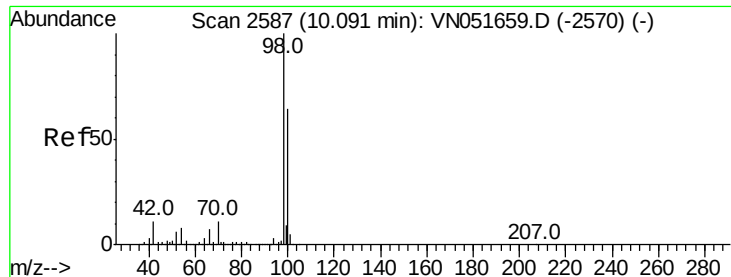
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051712.D
 Acq: 6 Oct 2018 2:07

Tgt Ion:113 Resp: 328604
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.8
 192 20.9 16.5 24.7



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

Instrument :

MSVOA_N

ClientSampleId :

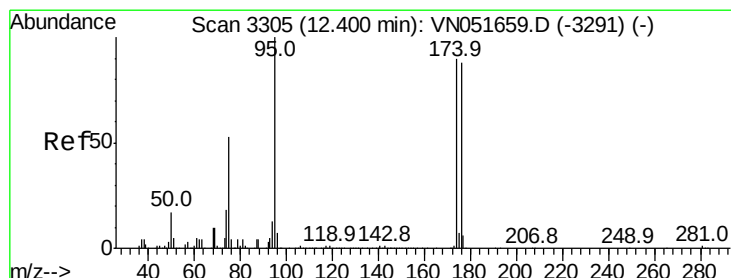
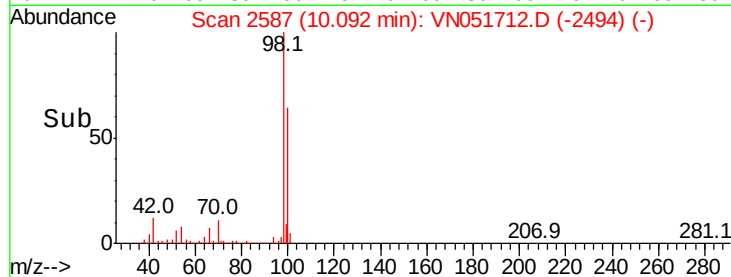
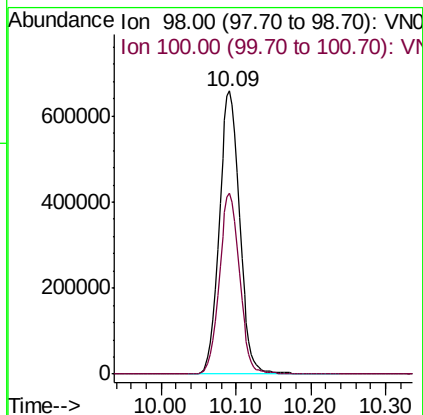
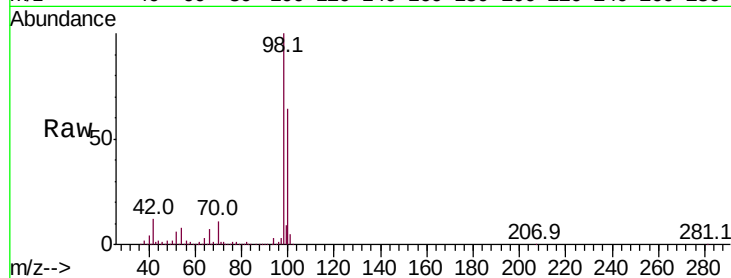
EP1-MW-G-092718(7-10)ME

Tot Ion: 98 Resp: 1241012

Ion Ratio Lower Upper

98 100

100 63.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

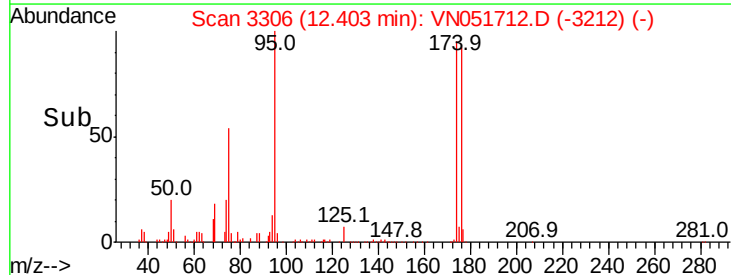
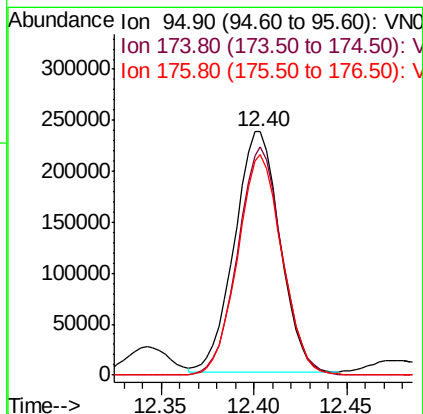
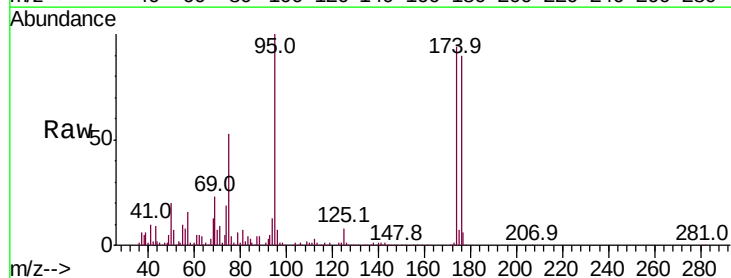
Tgt Ion: 95 Resp: 399877

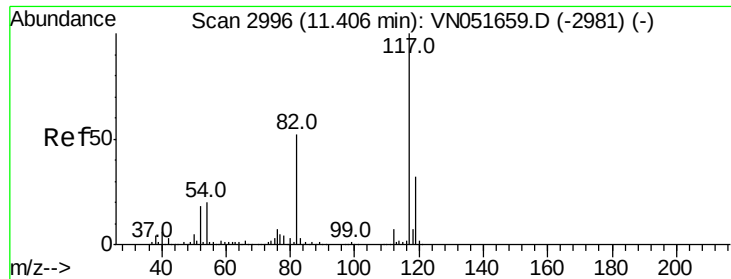
Ion Ratio Lower Upper

95 100

174 92.8 0.0 182.8

176 90.1 0.0 176.4

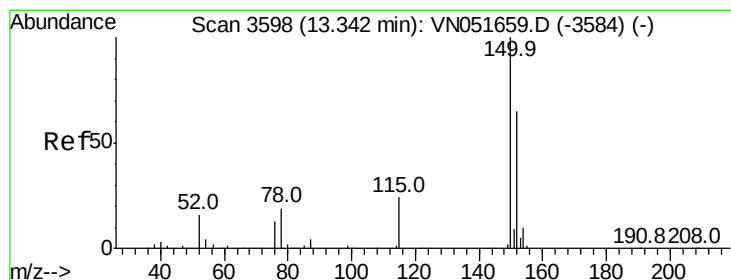
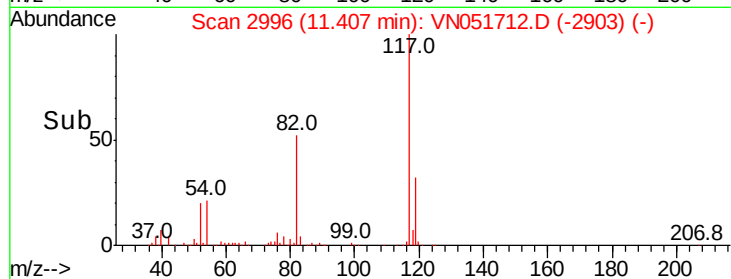
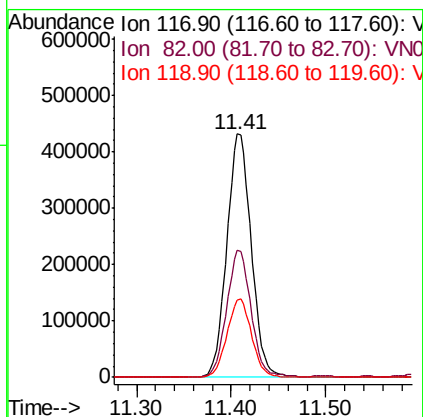
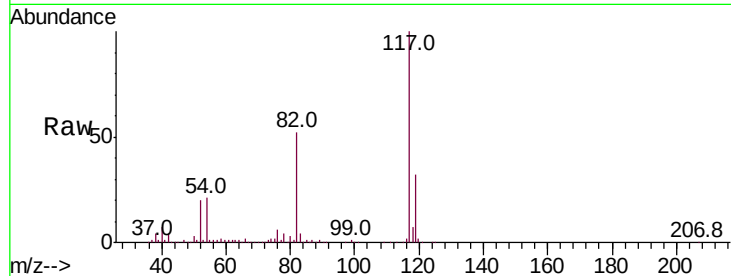




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051712.D
Acq: 6 Oct 2018 2:07

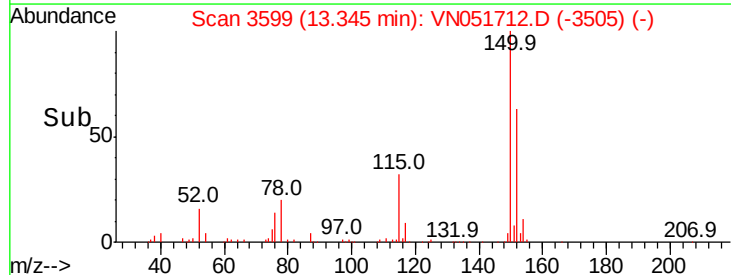
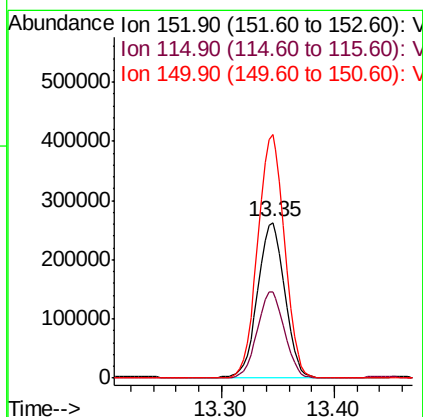
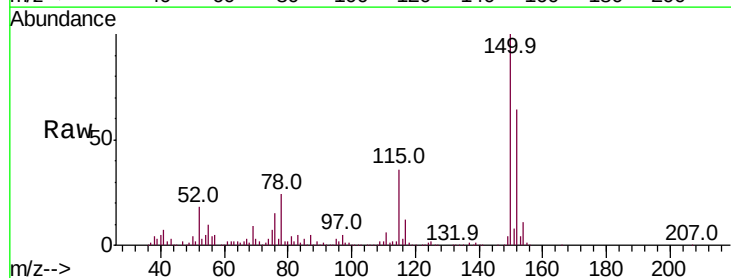
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-G-092718(7-10)ME

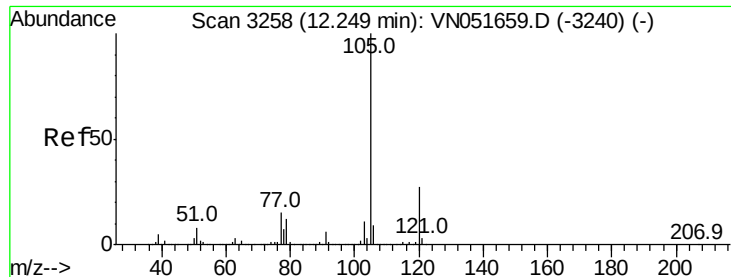
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.3	61.9
119	31.6	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051712.D
Acq: 6 Oct 2018 2:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.6	85.8
150	153.6	0.0	352.4





#73

Isopropylbenzene

Concen: 1.948 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

Instrument :

MSVOA_N

ClientSampleId :

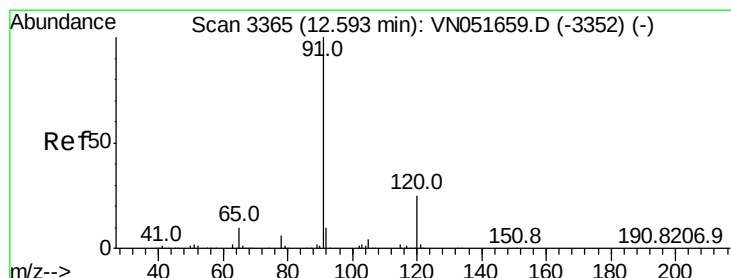
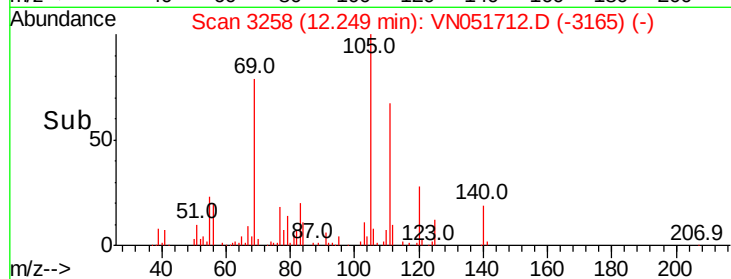
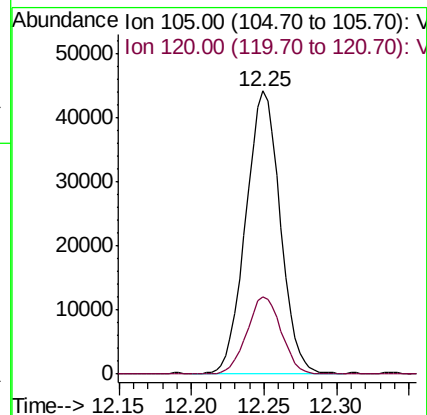
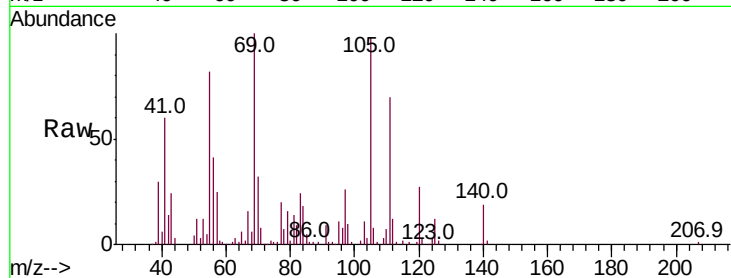
EP1-MW-G-092718(7-10)ME

Tot Ion:105 Resp: 73340

Ion Ratio Lower Upper

105 100

120 27.2 13.9 41.6



#78

n-propylbenzene

Concen: 6.725 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051712.D

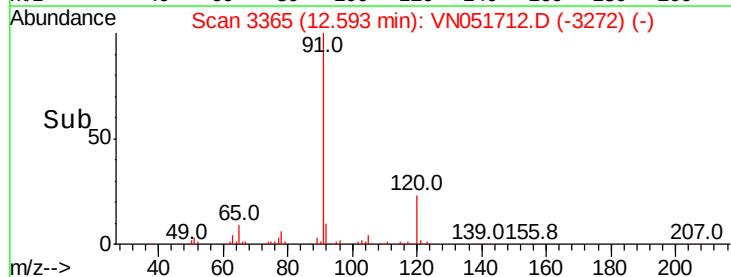
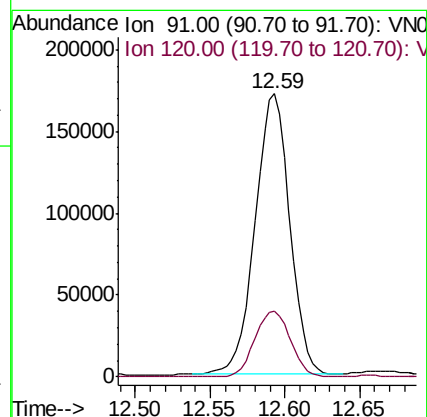
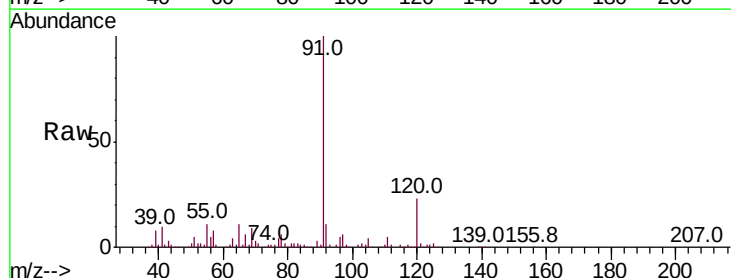
Acq: 6 Oct 2018 2:07

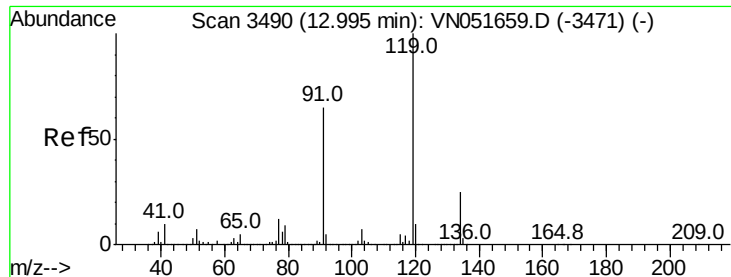
Tgt Ion: 91 Resp: 276139

Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.2





#83

tert-Butylbenzene

Concen: 1.310 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-G-092718(7-10)ME

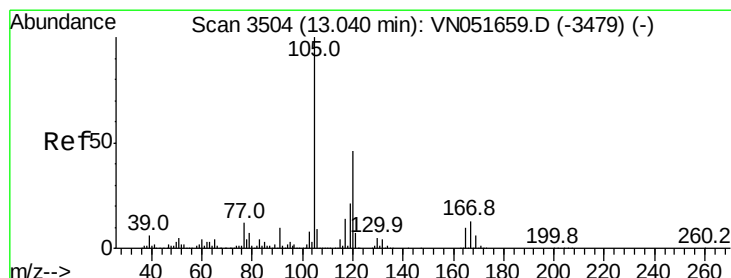
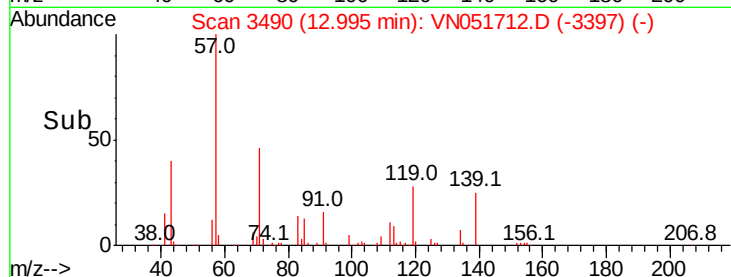
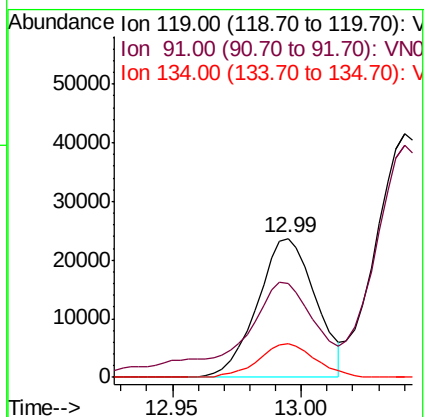
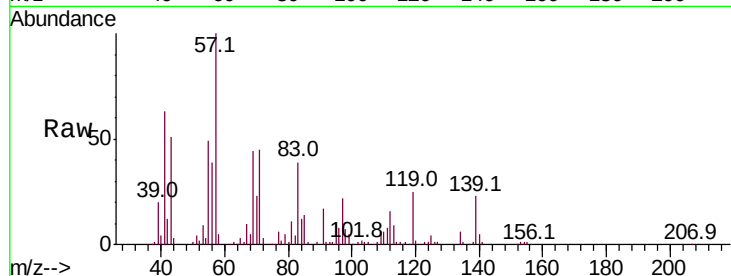
Tot Ion:119 Resp: 37240

Ion Ratio Lower Upper

119 100

91 77.7 32.1 96.5

134 23.9 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 17.039 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051712.D

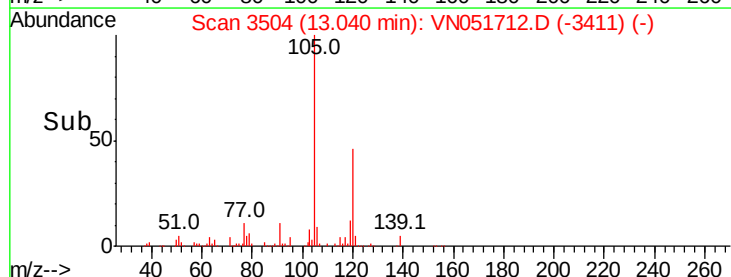
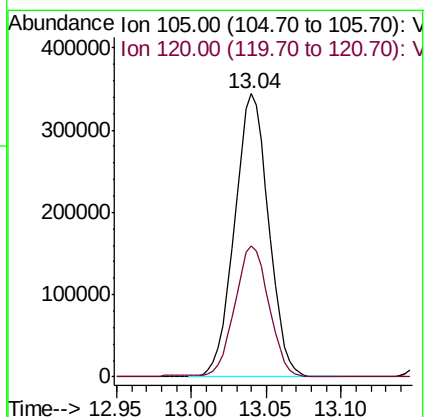
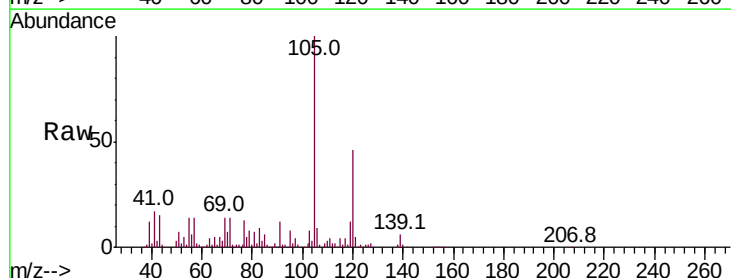
Acq: 6 Oct 2018 2:07

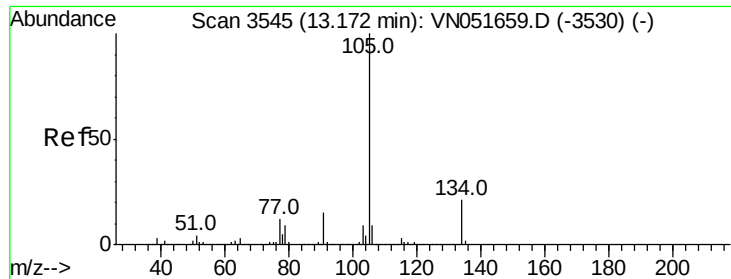
Tgt Ion:105 Resp: 541462

Ion Ratio Lower Upper

105 100

120 46.8 22.9 68.7





#85

sec-Butylbenzene

Concen: 7.967 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

Instrument :

MSVOA_N

ClientSampleId :

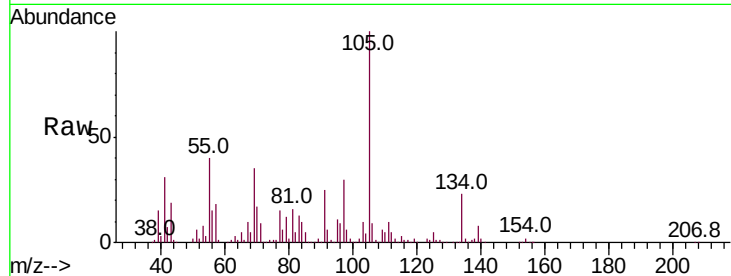
EP1-MW-G-092718(7-10)ME

Tot Ion:105 Resp: 299585

Ion Ratio Lower Upper

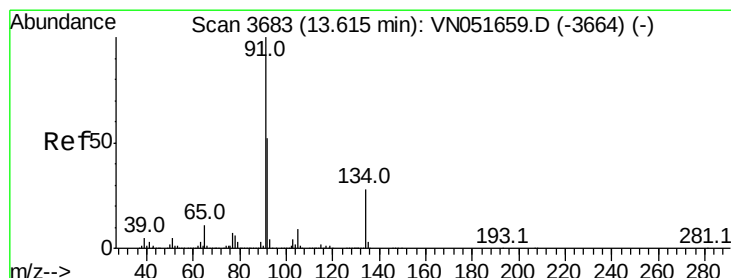
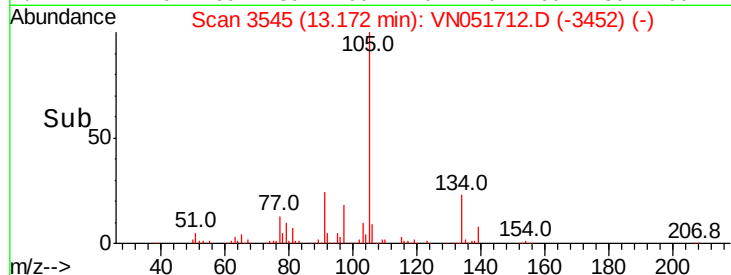
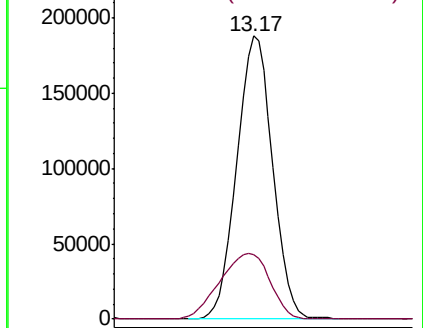
105 100

134 32.7 10.5 31.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 7.389 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

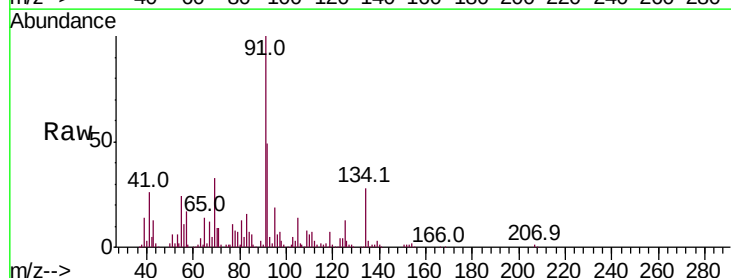
Tgt Ion: 91 Resp: 194760

Ion Ratio Lower Upper

91 100

92 45.2 26.0 78.0

134 44.8 14.2 42.6#



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

