

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051729.D
 Acq On : 8 Oct 2018 12:31
 Operator : MD\SY
 Sample : J5165-02
 Misc : 6.24g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-092718-FD-S

Quant Time: Oct 09 04:44:54 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

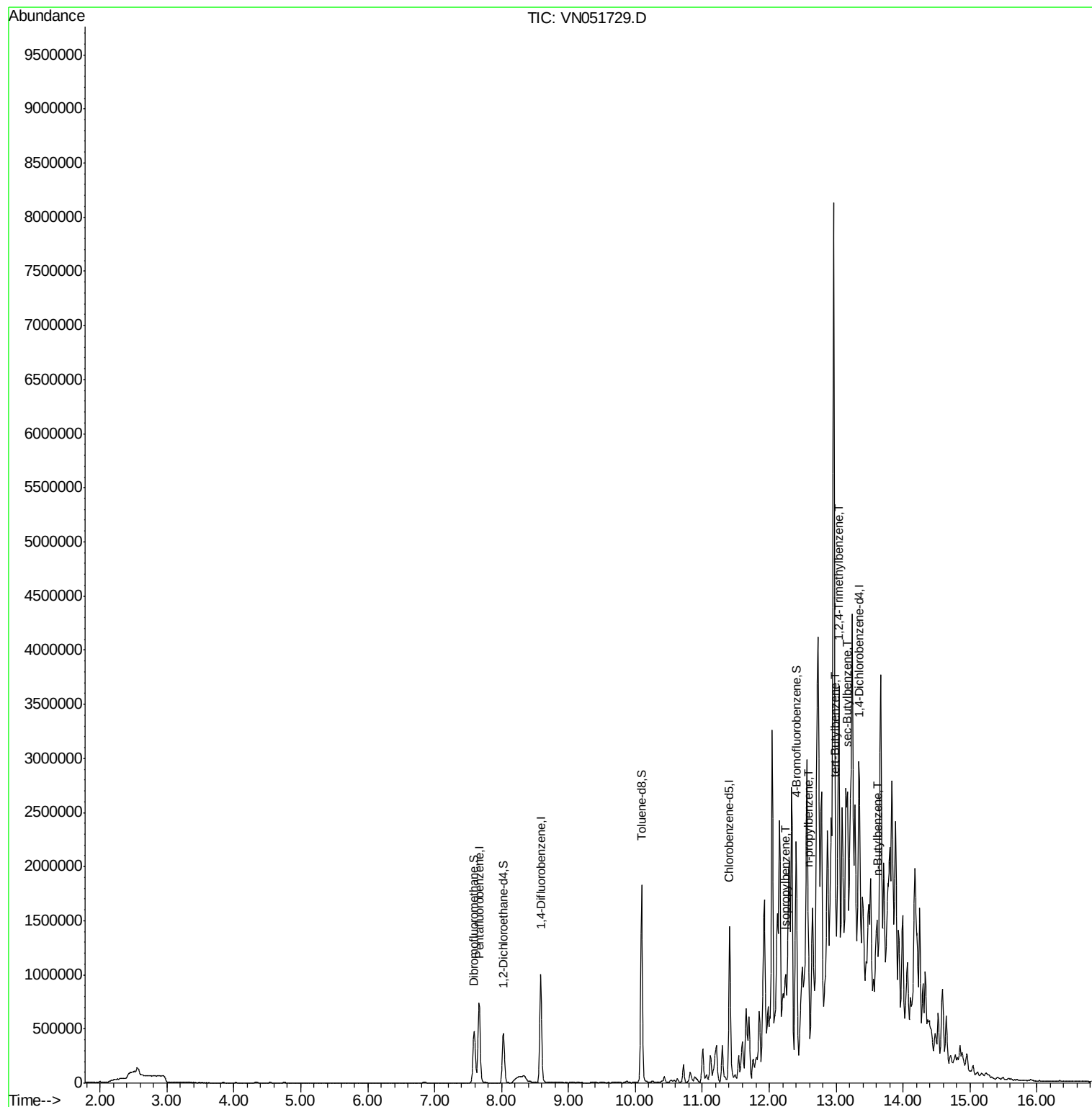
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	644095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	927152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	841319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	618751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	387813	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
35) Dibromofluoromethane	7.59	113	354162	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	10.09	98	1332400	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.40	95	510303	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
Target Compounds						
73) Isopropylbenzene	12.25	105	122996	2.332	ug/l	98
78) n-propylbenzene	12.59	91	508679	8.842	ug/l	98
83) tert-Butylbenzene	12.99	119	75617	1.899	ug/l	88
84) 1,2,4-Trimethylbenzene	13.04	105	1194232	26.823	ug/l	99
85) sec-Butylbenzene	13.17	105	597410	11.339	ug/l #	73
89) n-Butylbenzene	13.62	91	391440	10.600	ug/l #	83

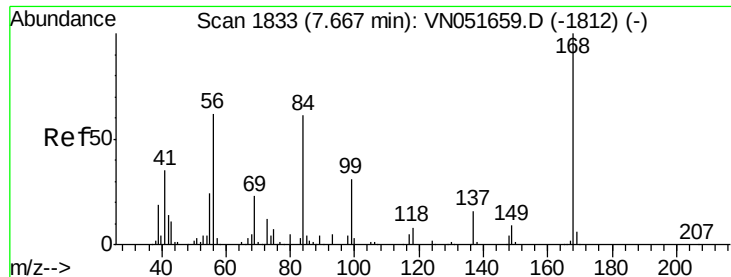
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 05 02:22:33 2018
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: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

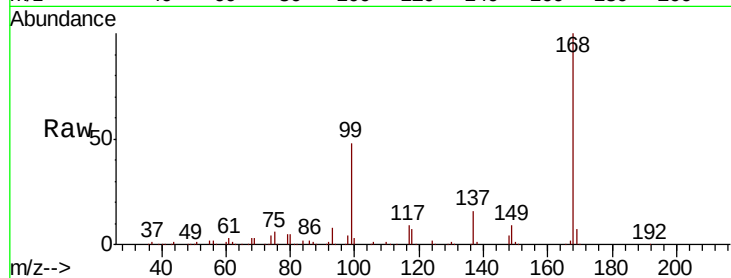
EP1-MW-092718-FD-S

Tot Ion:168 Resp: 644095

Ion Ratio Lower Upper

168 100

99 47.9 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

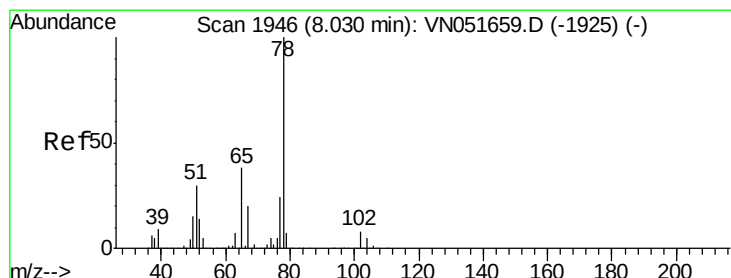
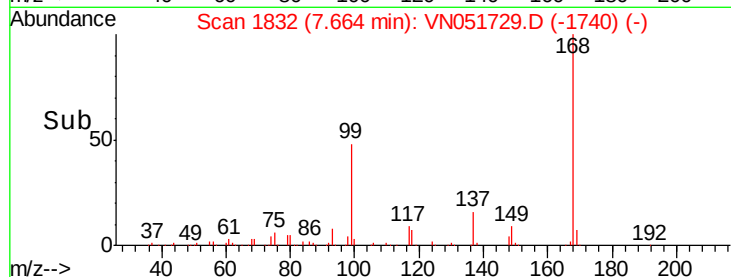
150000

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: VN051729.D

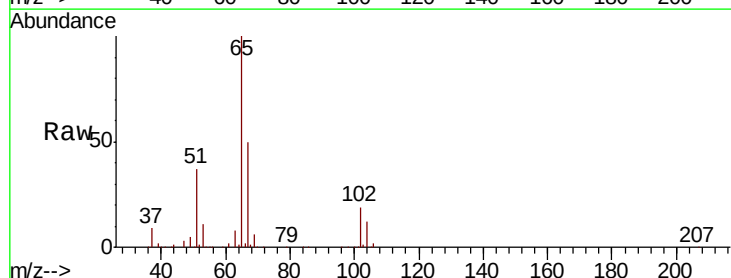
Acq: 8 Oct 2018 12:31

Tgt Ion: 65 Resp: 387813

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

200000

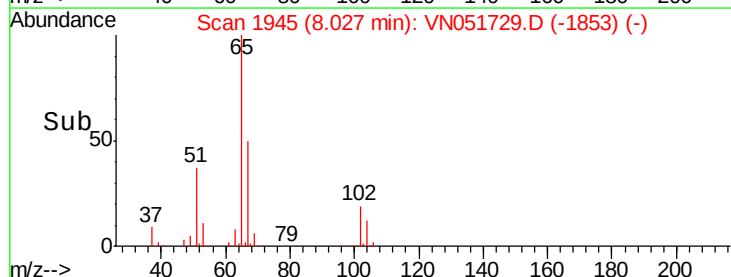
150000

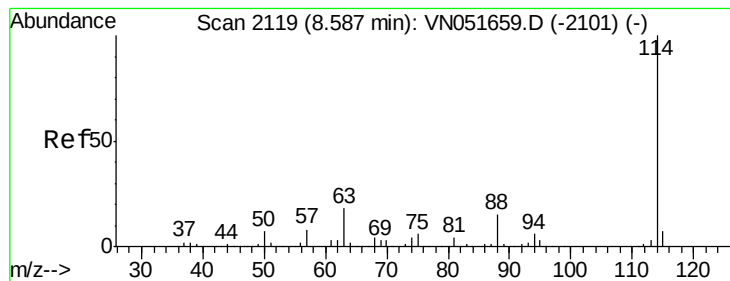
100000

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: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-092718-FD-S

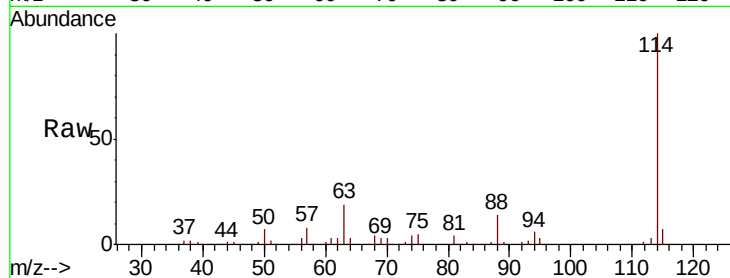
Tot Ion:114 Resp: 927152

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.2

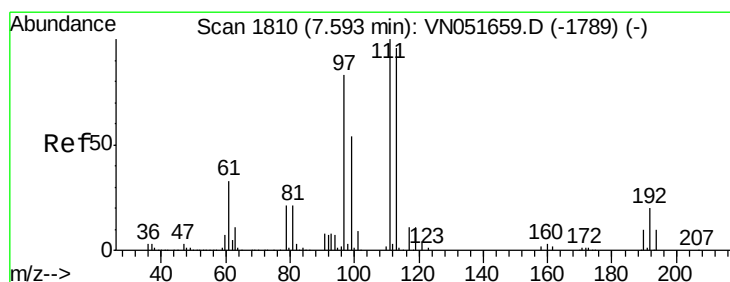
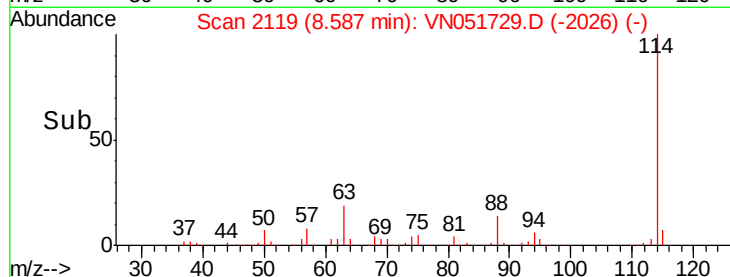
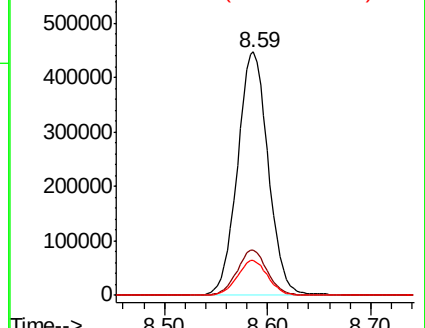
88 14.4 0.0 30.2



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# 1810

Delta R.T. 0.00 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

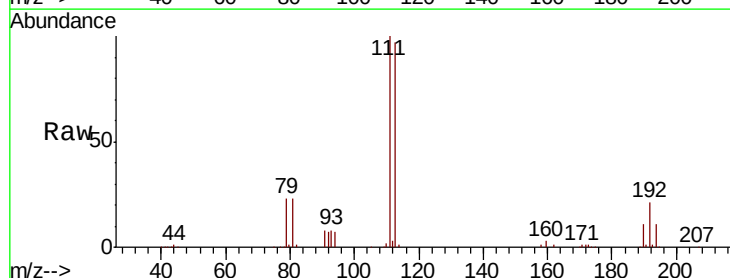
Tgt Ion:113 Resp: 354162

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.8

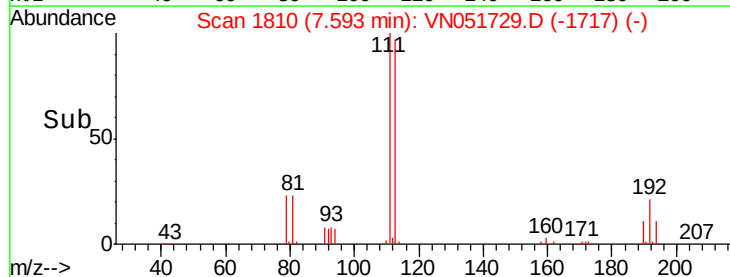
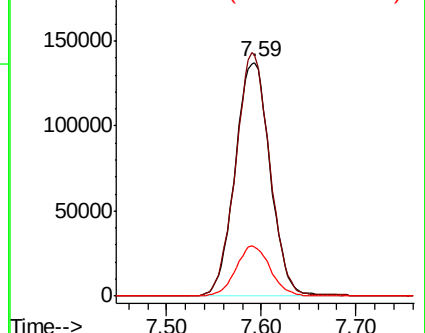
192 20.9 16.5 24.7

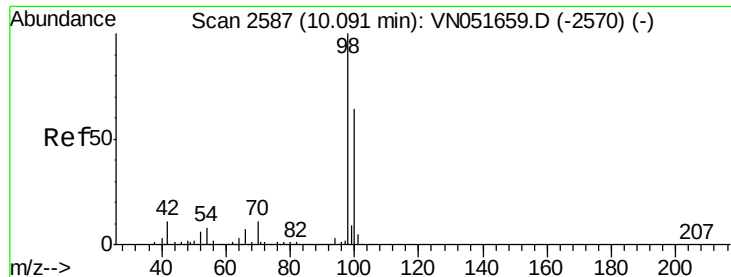


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

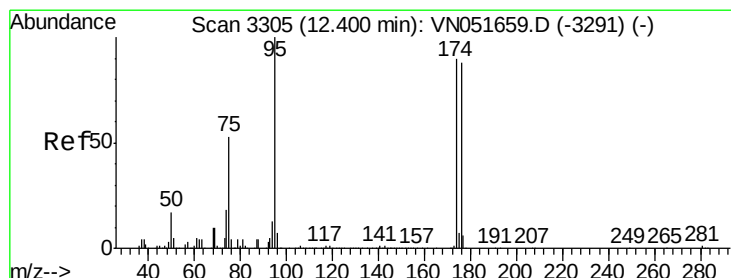
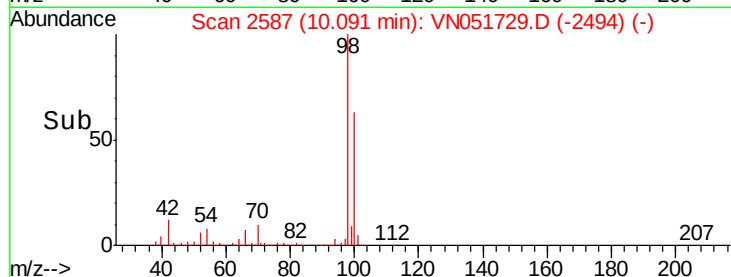
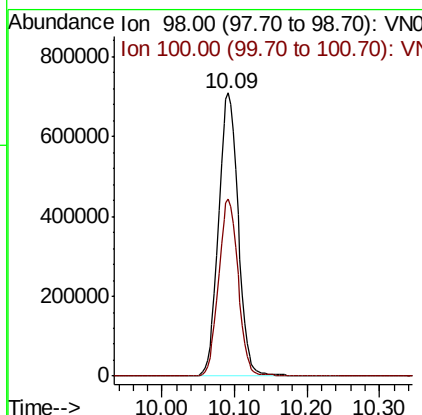
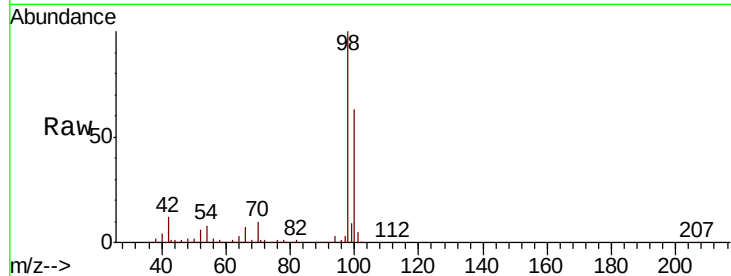




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051729.D
Acq: 8 Oct 2018 12:31

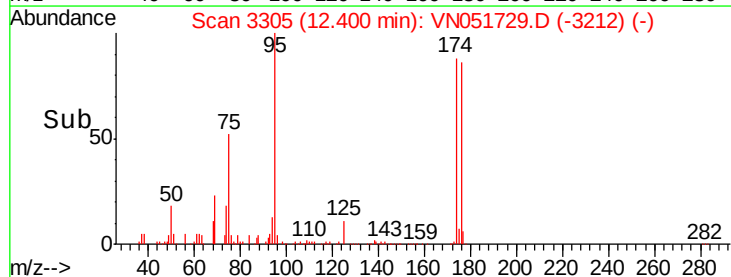
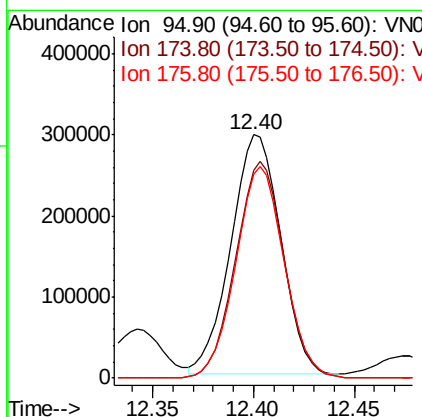
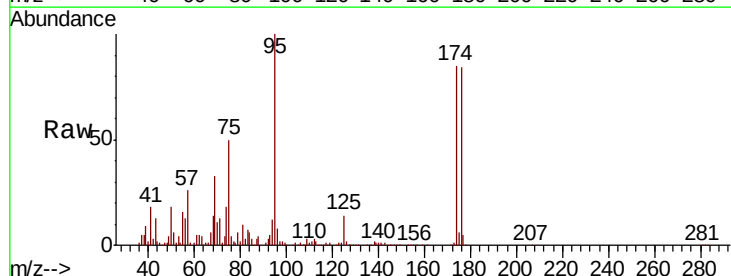
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-092718-FD-S

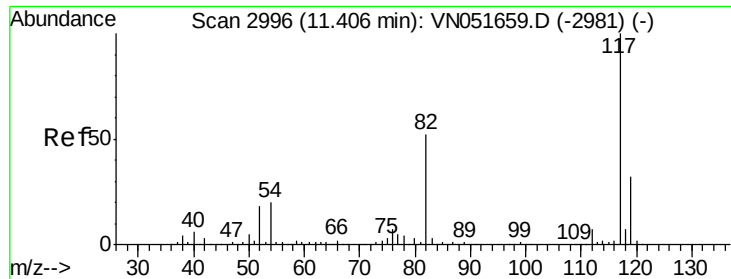
Tot Ion: 98 Resp: 1332400
Ion Ratio Lower Upper
98 100
100 62.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051729.D
Acq: 8 Oct 2018 12:31

Tgt Ion: 95 Resp: 510303
Ion Ratio Lower Upper
95 100
174 88.3 0.0 182.8
176 86.0 0.0 176.4

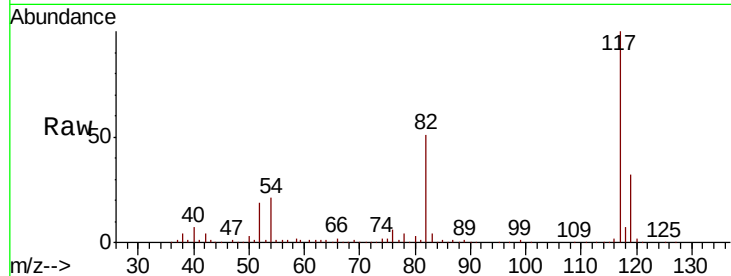




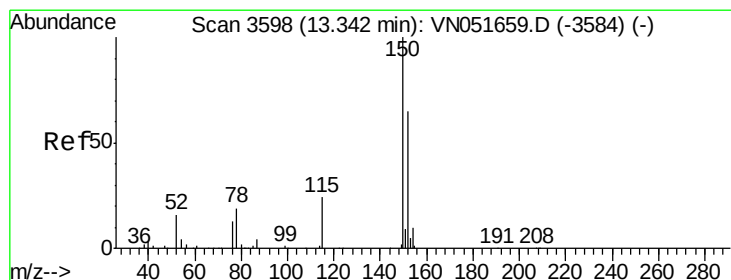
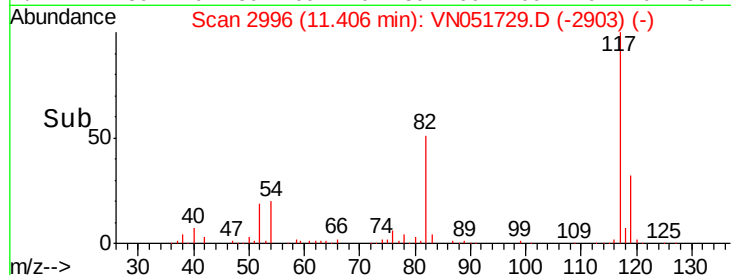
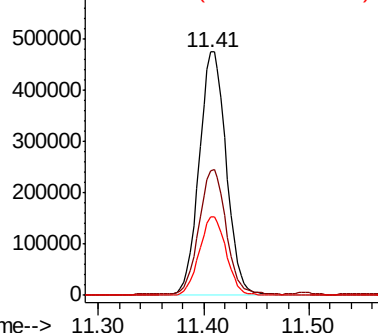
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051729.D
Acq: 8 Oct 2018 12:31

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-092718-FD-S

Tot Ion:117 Resp: 841319
Ion Ratio Lower Upper
117 100
82 50.6 41.3 61.9
119 32.0 25.9 38.9

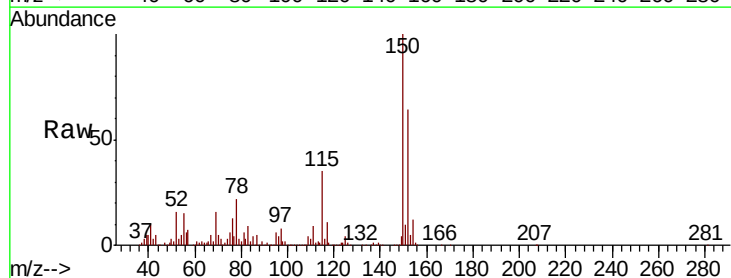


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

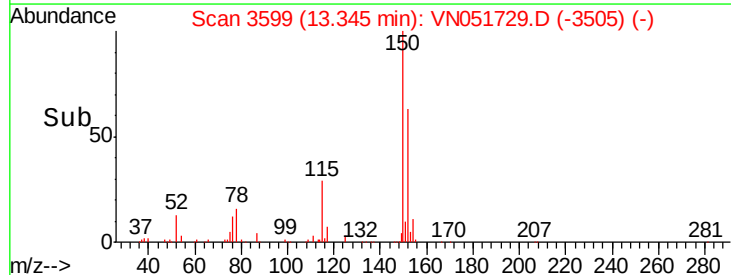
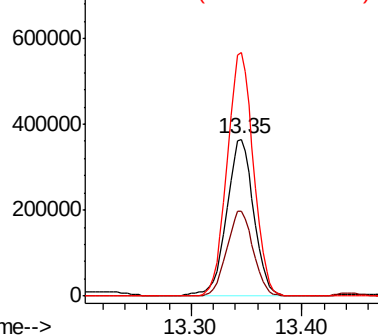


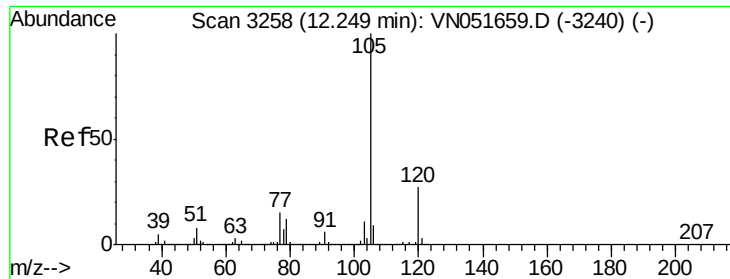
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051729.D
Acq: 8 Oct 2018 12:31

Tgt Ion:152 Resp: 618751
Ion Ratio Lower Upper
152 100
115 52.9 28.6 85.8
150 151.0 0.0 352.4



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





#73

Isopropylbenzene

Concen: 2.332 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

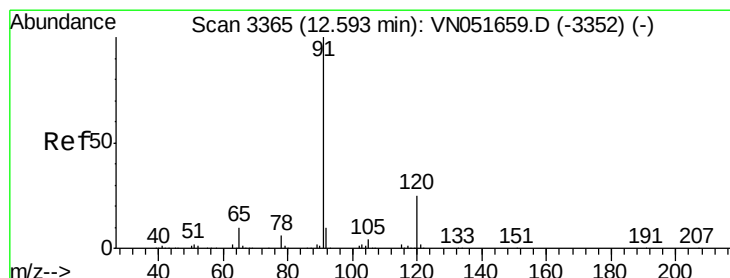
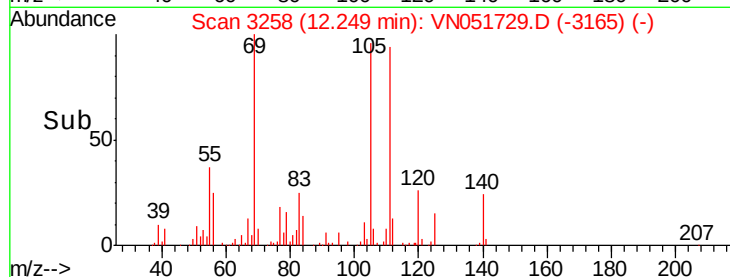
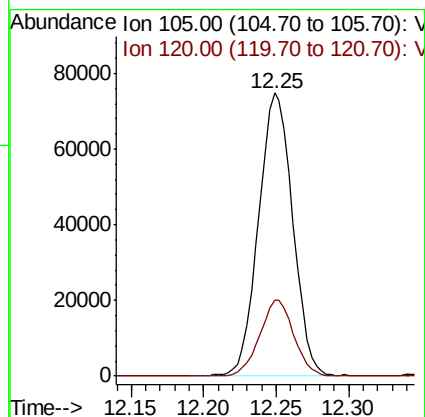
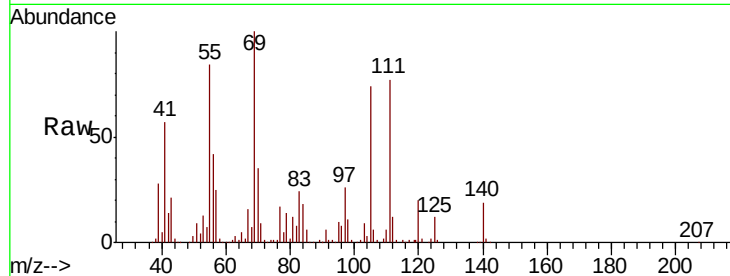
EP1-MW-092718-FD-S

Tot Ion:105 Resp: 122996

Ion Ratio Lower Upper

105 100

120 26.7 13.9 41.6



#78

n-propylbenzene

Concen: 8.842 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051729.D

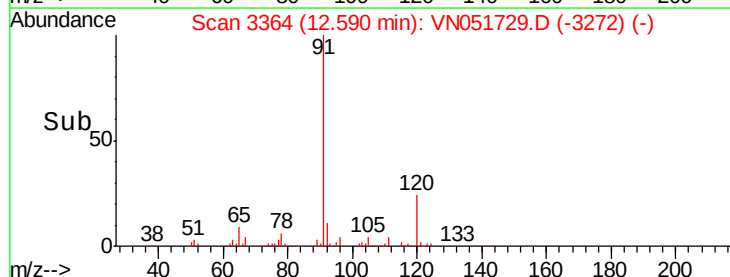
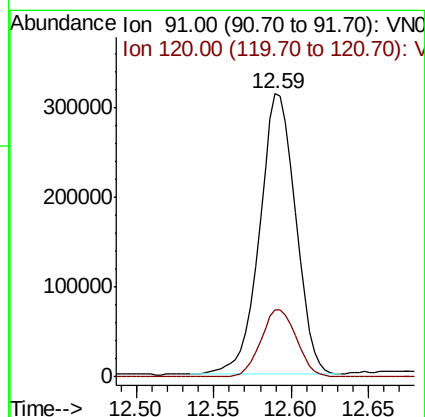
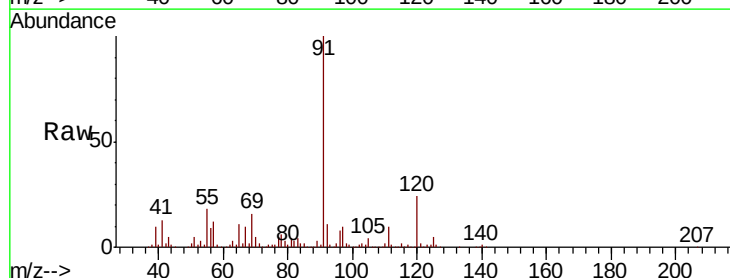
Acq: 8 Oct 2018 12:31

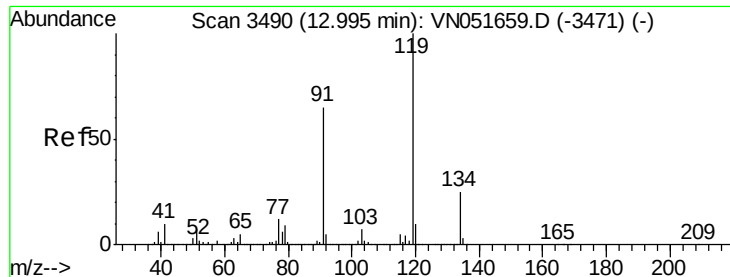
Tgt Ion: 91 Resp: 508679

Ion Ratio Lower Upper

91 100

120 23.7 12.4 37.2

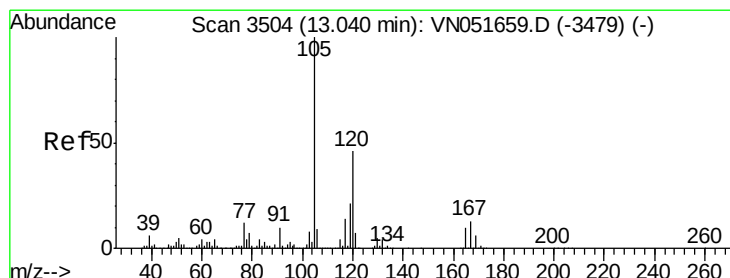
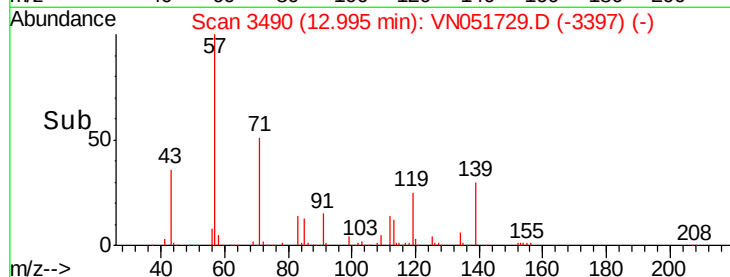
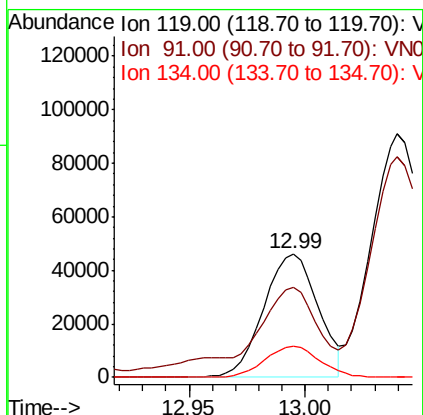
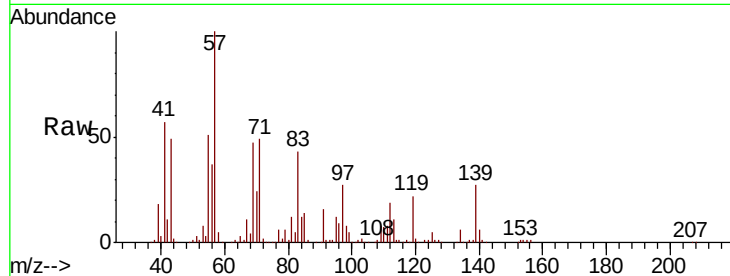




#83
 tert-Butylbenzene
 Concen: 1.899 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051729.D
 Acq: 8 Oct 2018 12:31

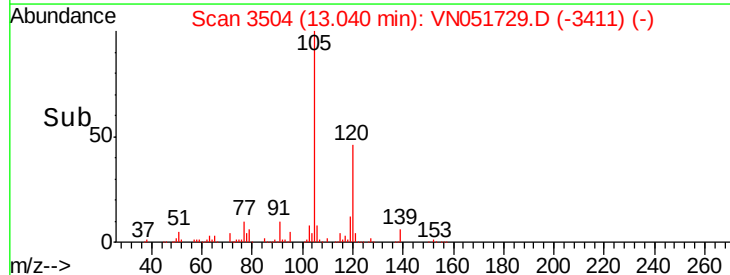
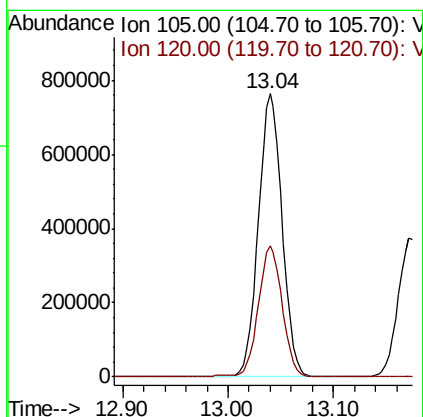
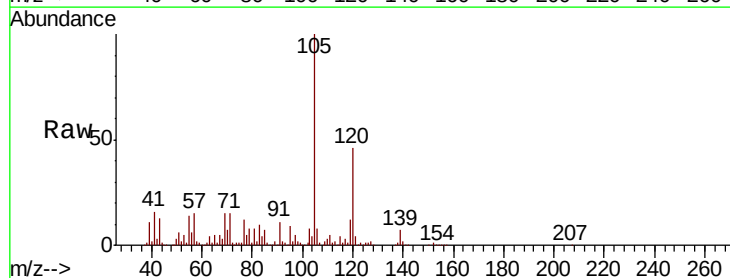
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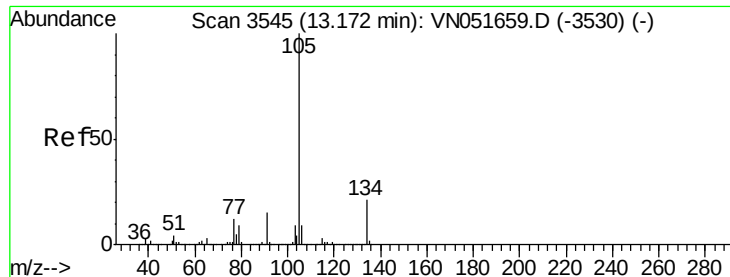
Tot Ion:119 Resp: 75617
 Ion Ratio Lower Upper
 119 100
 91 76.8 32.1 96.5
 134 25.1 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 26.823 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051729.D
 Acq: 8 Oct 2018 12:31

Tgt Ion:105 Resp: 1194232
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.9 68.7





#85

sec-Butylbenzene

Concen: 11.339 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

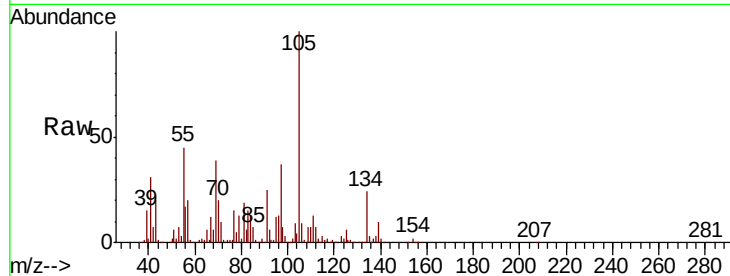
EP1-MW-092718-FD-S

Tot Ion:105 Resp: 597410

Ion Ratio Lower Upper

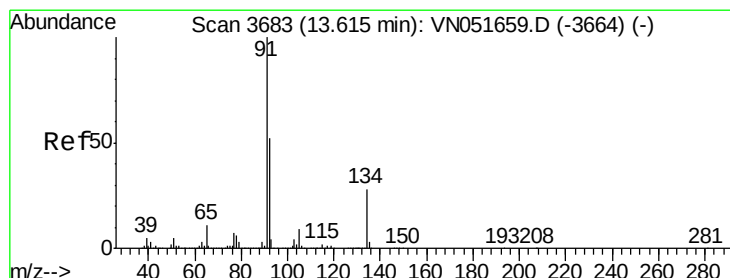
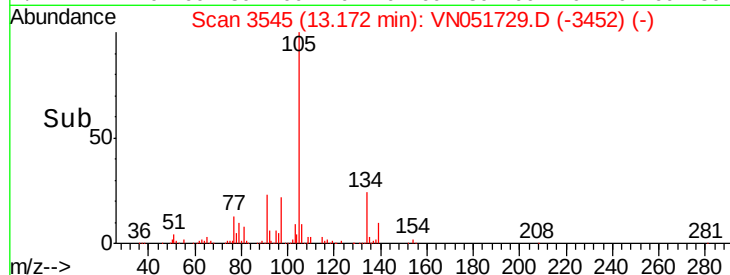
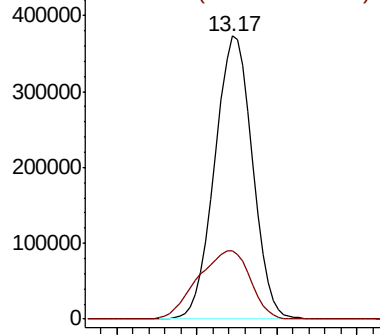
105 100

134 33.8 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: 10.600 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

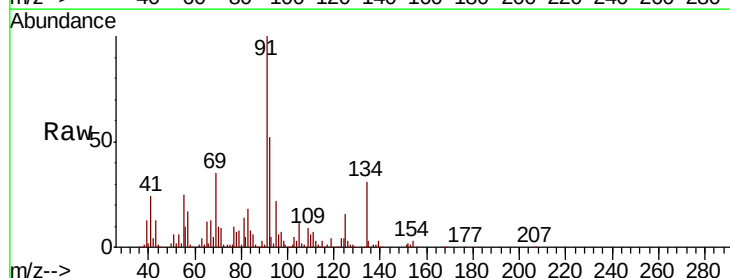
Tgt Ion: 91 Resp: 391440

Ion Ratio Lower Upper

91 100

92 47.6 26.0 78.0

134 47.6 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

