

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051790.D
 Acq On : 10 Oct 2018 14:55
 Operator : MD\SY
 Sample : J5165-21 10X
 Misc : 5.72g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(8-12)

Quant Time: Oct 11 15:37:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

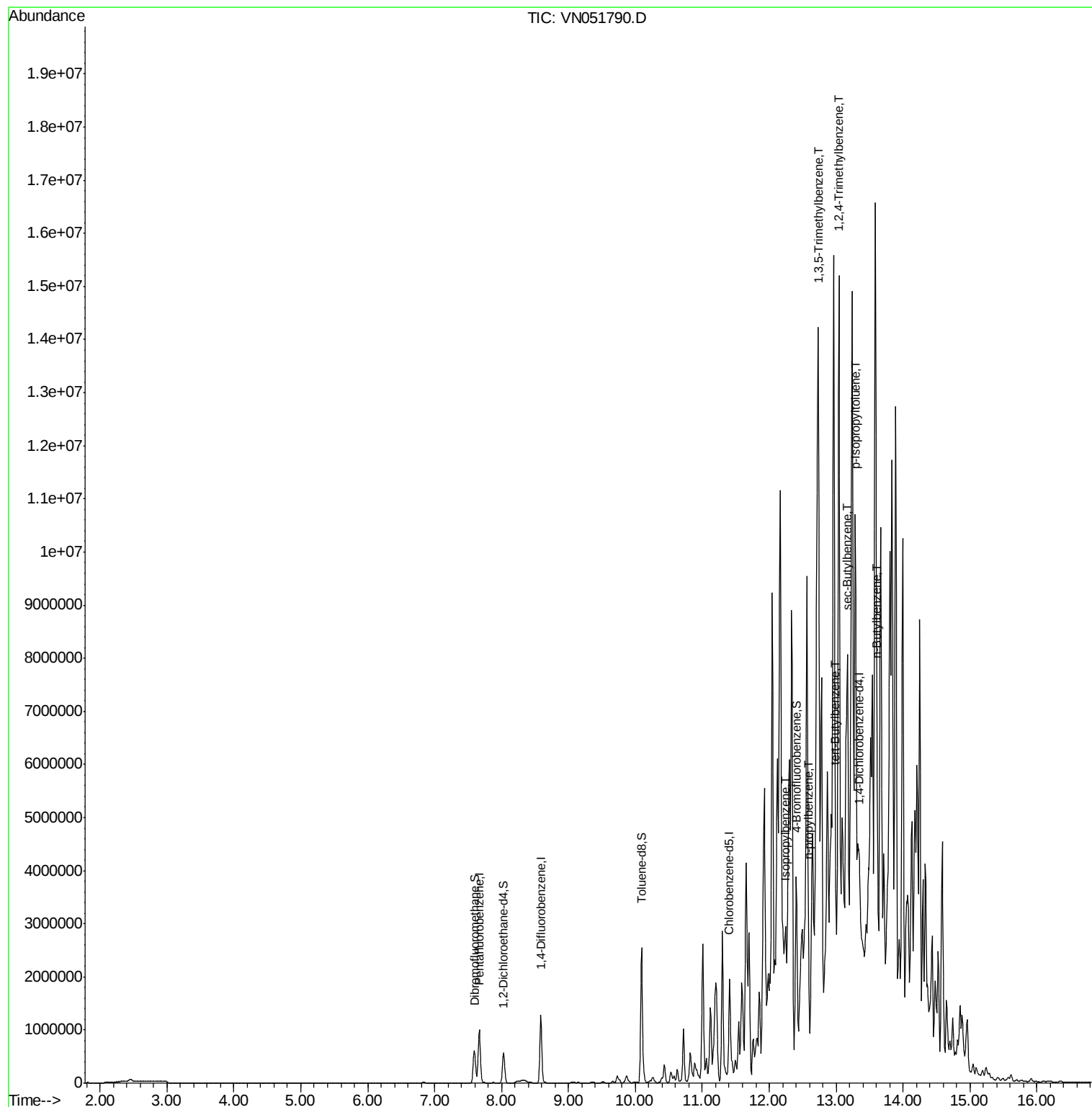
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	867320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1236368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1151764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	746003	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	482139	42.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.16%	
35) Dibromofluoromethane	7.59	113	459297	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
50) Toluene-d8	10.09	98	1759262	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.40	95	775717	61.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.90%	
Target Compounds						
73) Isopropylbenzene	12.25	105	178524	2.807	ug/l	Qvalue 100
78) n-propylbenzene	12.59	91	529881	7.639	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1421977	26.534	ug/l	98
83) tert-Butylbenzene	12.99	119	369401	7.693	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	6685053	124.536	ug/l	97
85) sec-Butylbenzene	13.17	105	2581873	40.646	ug/l #	74
86) p-Isopropyltoluene	13.29	119	3177318	56.424	ug/l	98
89) n-Butylbenzene	13.62	91	1612465	36.216	ug/l #	72

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

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EP1-MW-D(8-12)

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Quant Title : SW846 8260
QLast Update : Tue Oct 09 06:03:49 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: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

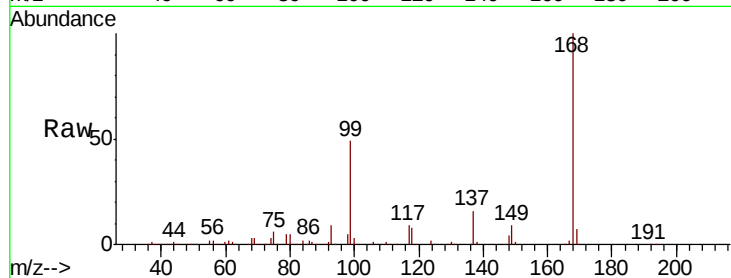
EP1-MW-D(8-12)

Tot Ion:168 Resp: 867320

Ion Ratio Lower Upper

168 100

99 48.6 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

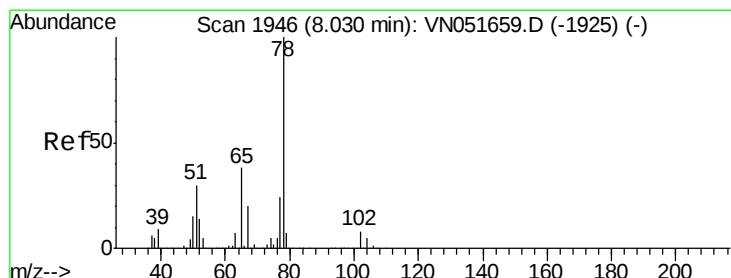
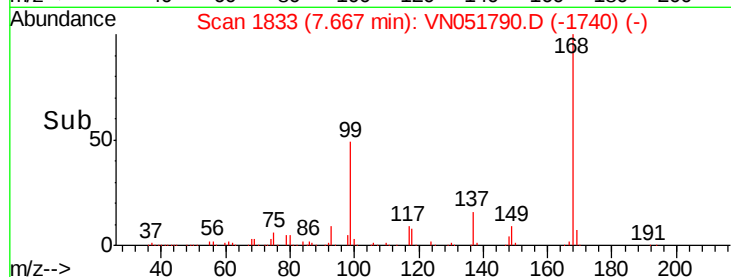
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1946

Delta R.T. -0.00 min

Lab File: VN051790.D

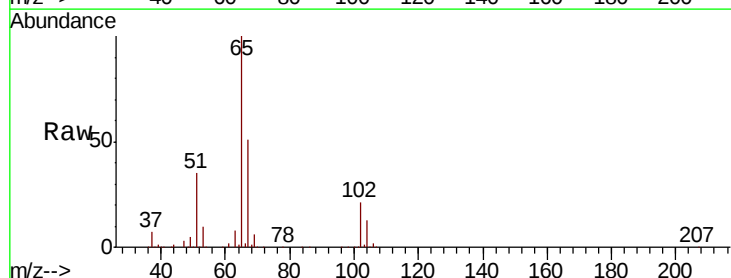
Acq: 10 Oct 2018 14:55

Tgt Ion: 65 Resp: 482139

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

250000

200000

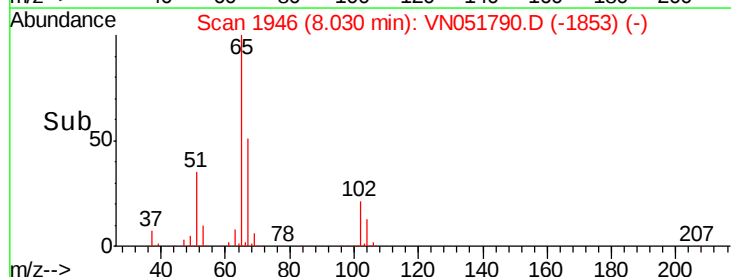
150000

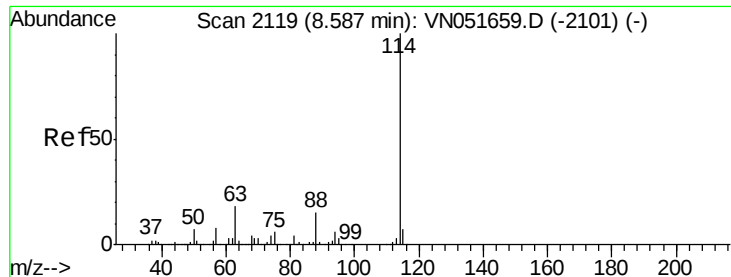
100000

50000

0

Time-->



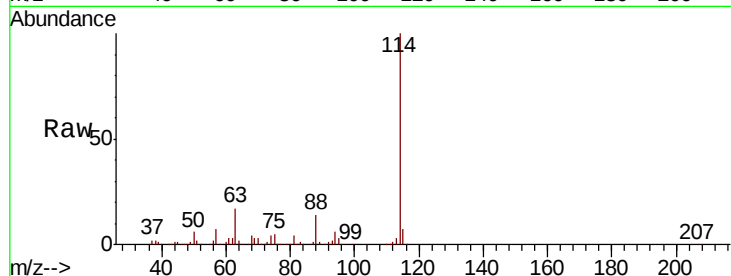


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051790.D
 Acq: 10 Oct 2018 14:55

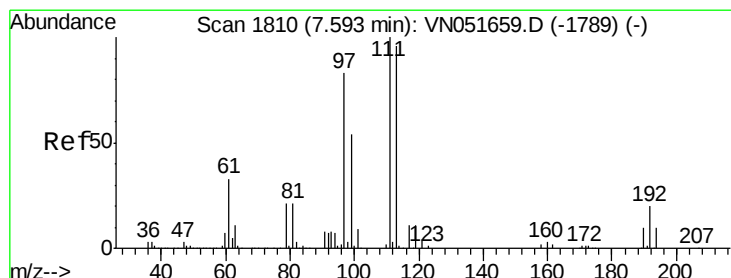
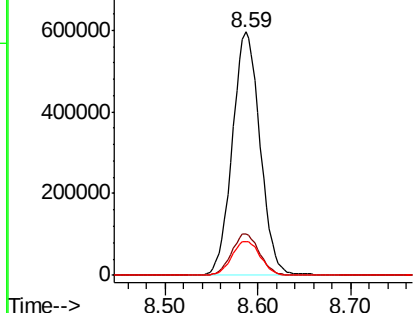
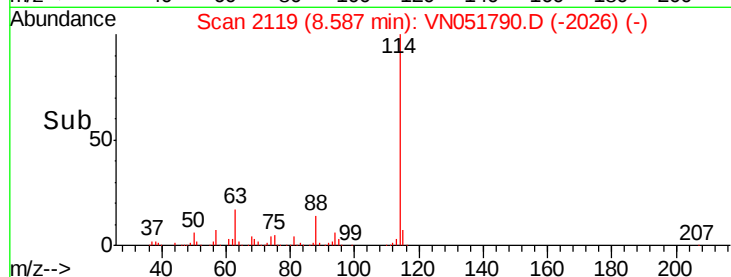
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(8-12)

Tot Ion:114 Resp: 1236368

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	36.2
88	14.0	0.0	30.2



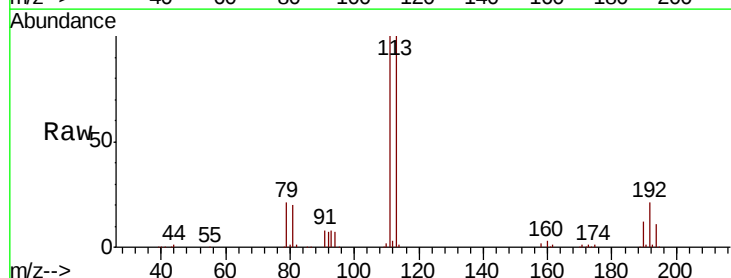
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



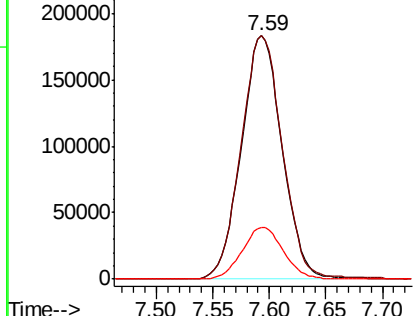
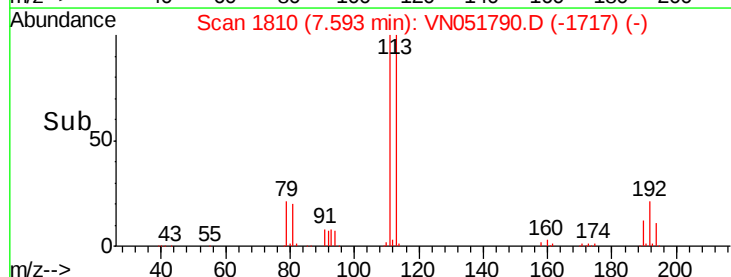
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051790.D
 Acq: 10 Oct 2018 14:55

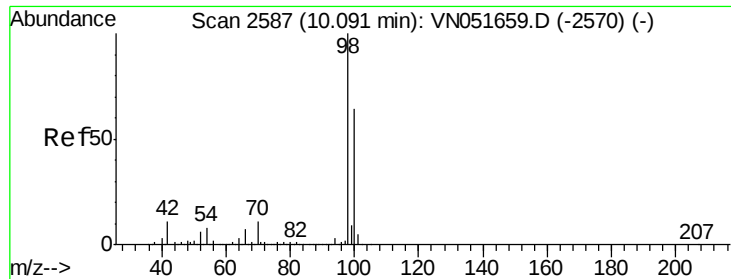
Tgt Ion:113 Resp: 459297

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.8
192	21.6	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: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

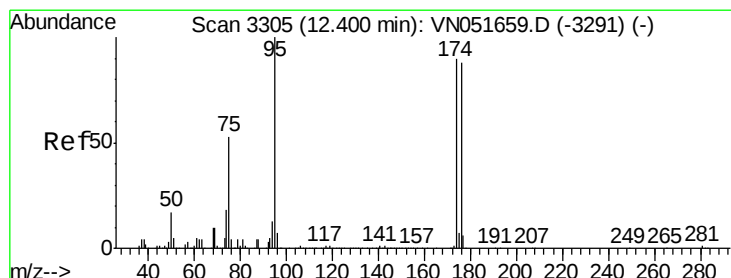
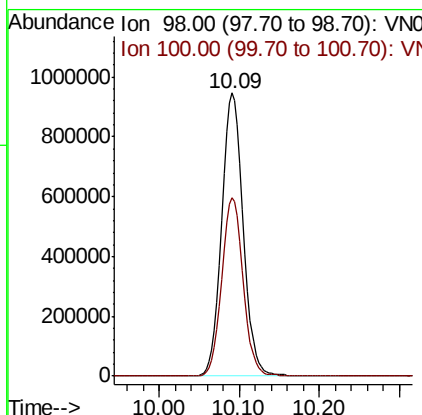
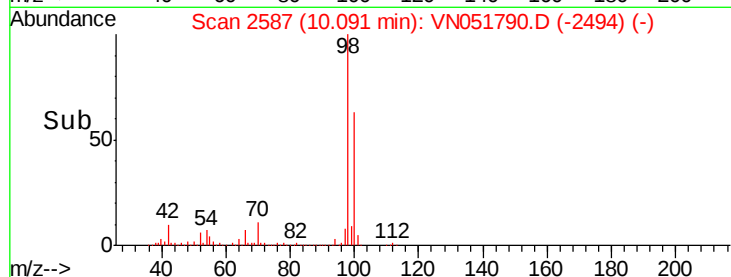
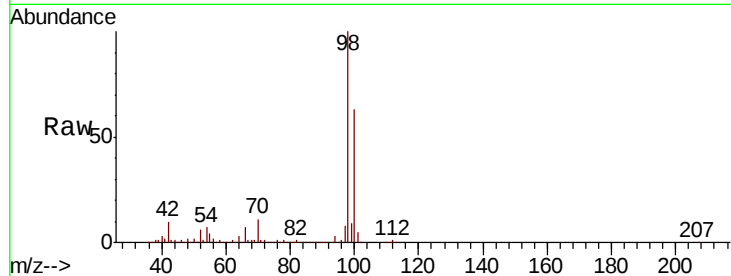
EP1-MW-D(8-12)

Tot Ion: 98 Resp: 1759262

Ion Ratio Lower Upper

98 100

100 62.9 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: VN051790.D

Acq: 10 Oct 2018 14:55

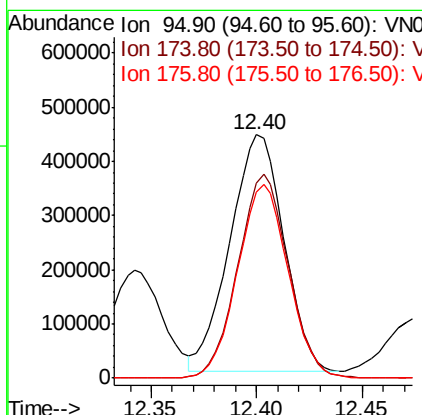
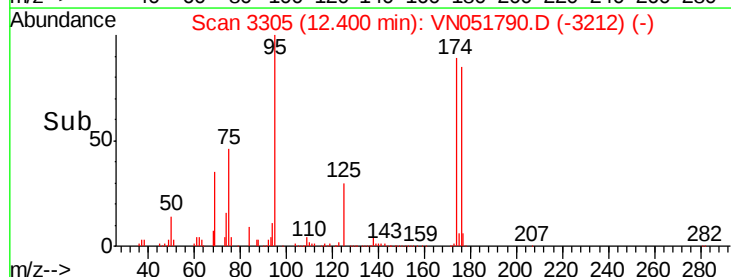
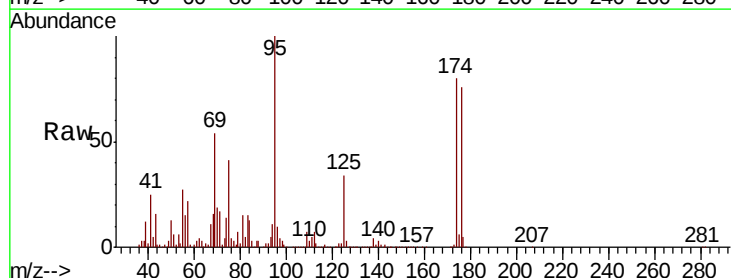
Tgt Ion: 95 Resp: 775717

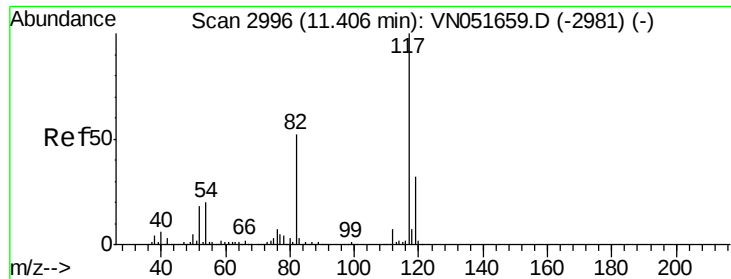
Ion Ratio Lower Upper

95 100

174 80.8 0.0 182.8

176 77.4 0.0 176.4

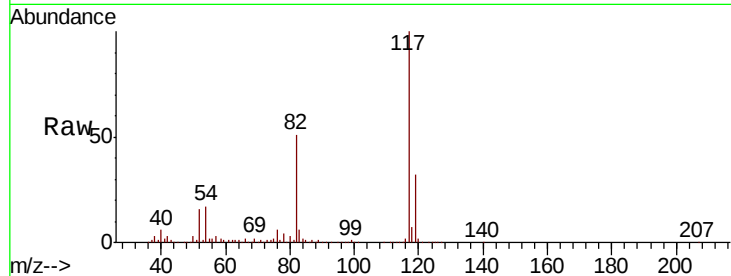




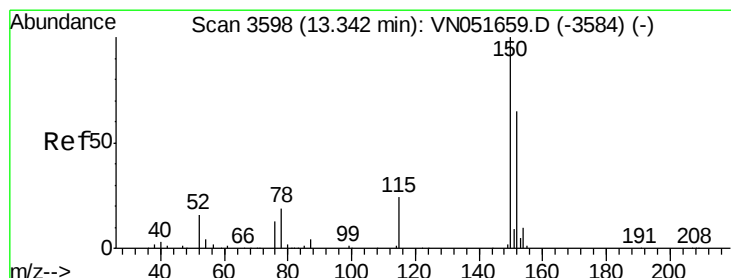
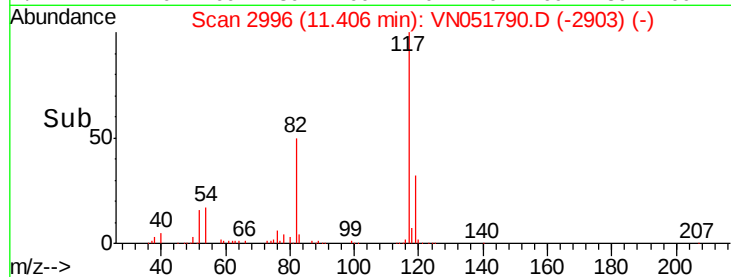
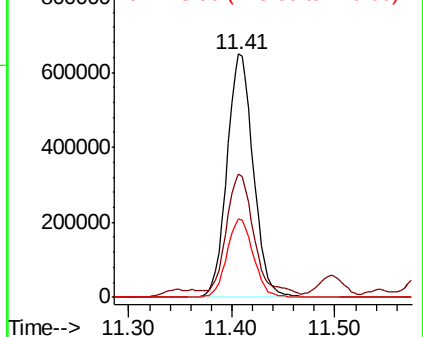
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(8-12)

Tot Ion:117 Resp: 1151764
Ion Ratio Lower Upper
117 100
82 47.5 41.3 61.9
119 32.1 25.9 38.9

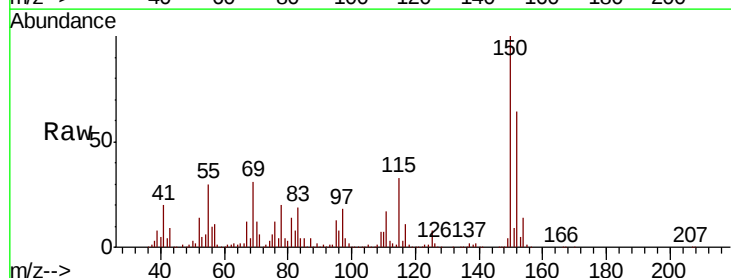


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

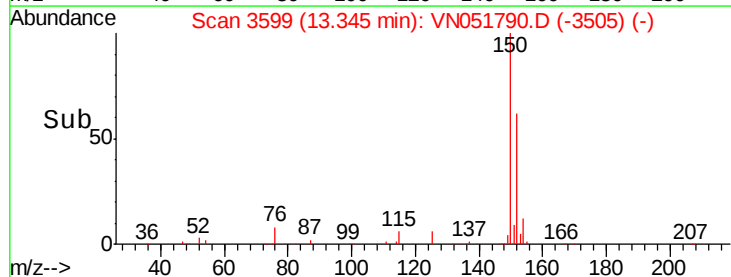
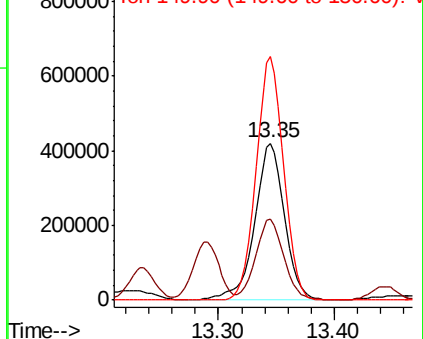


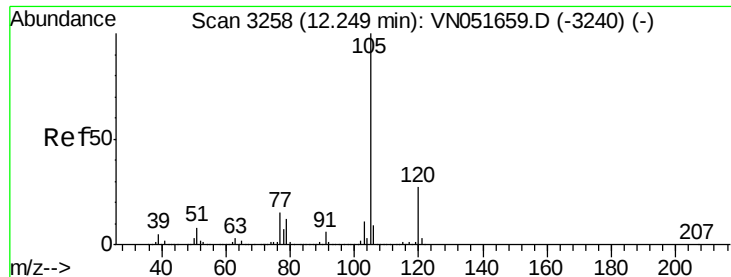
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

Tgt Ion:152 Resp: 746003
Ion Ratio Lower Upper
152 100
115 48.9 28.6 85.8
150 144.0 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: 2.807 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

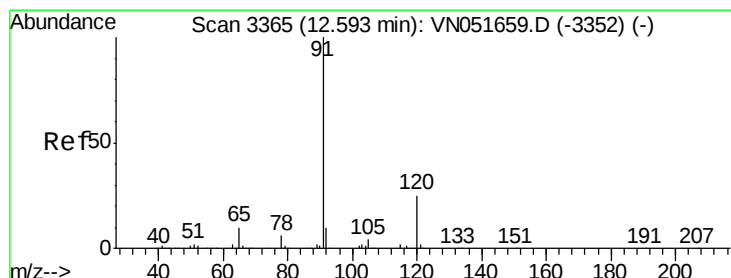
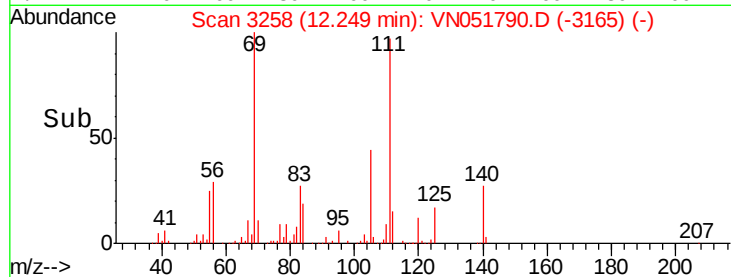
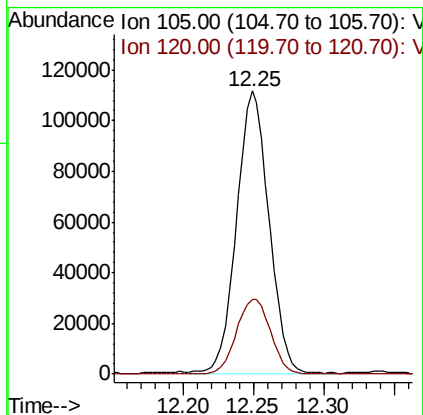
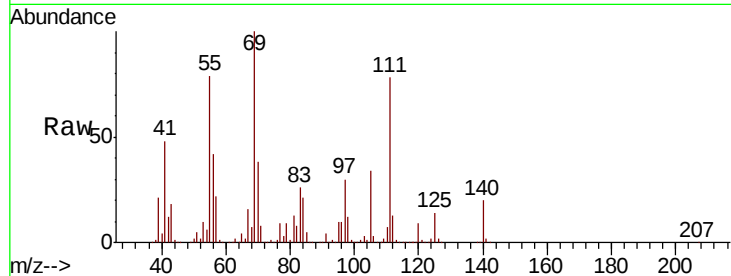
EP1-MW-D(8-12)

Tot Ion:105 Resp: 178524

Ion Ratio Lower Upper

105 100

120 27.9 13.9 41.6



#78

n-propylbenzene

Concen: 7.639 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN051790.D

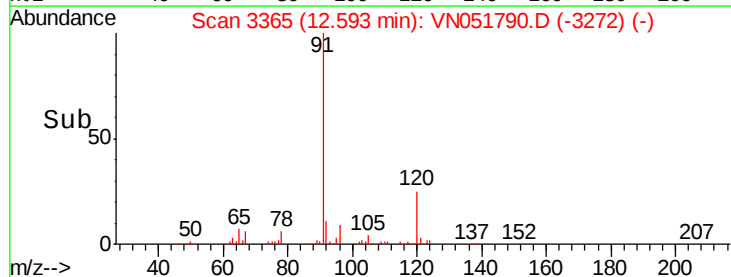
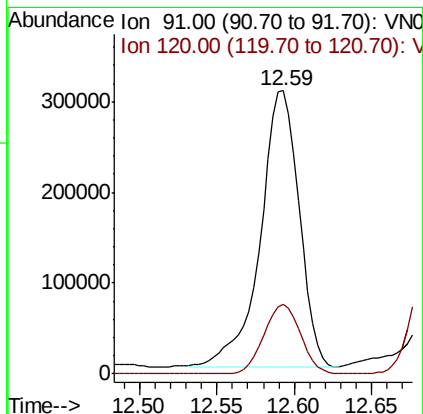
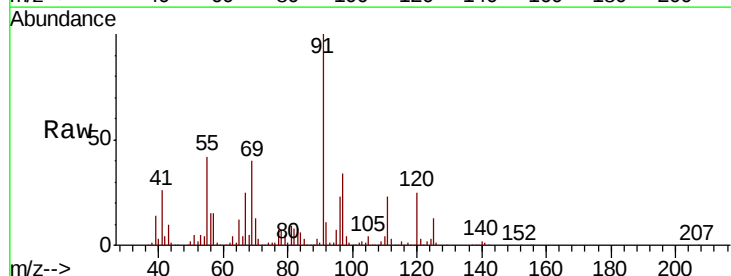
Acq: 10 Oct 2018 14:55

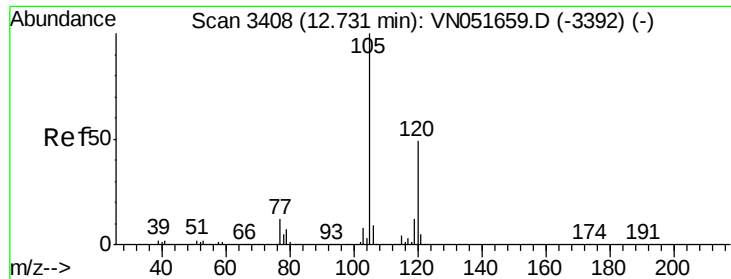
Tgt Ion: 91 Resp: 529881

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.2





#80

1,3,5-Trimethylbenzene

Concen: 26.534 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampled :

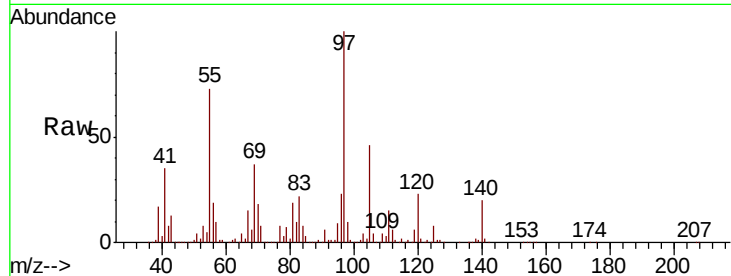
EP1-MW-D(8-12)

Tot Ion:105 Resp: 1421977

Ion Ratio Lower Upper

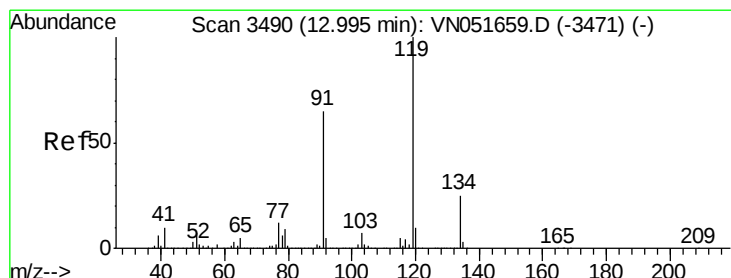
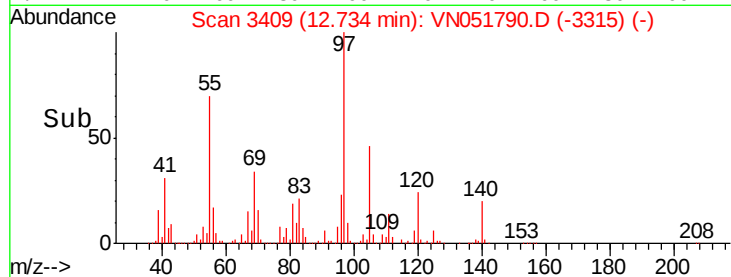
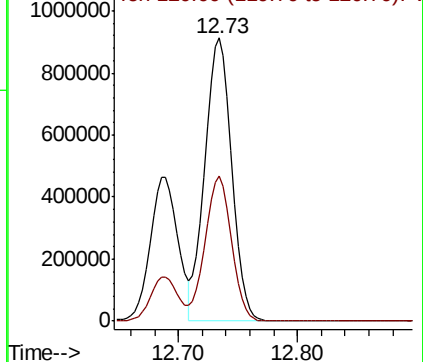
105 100

120 50.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 7.693 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

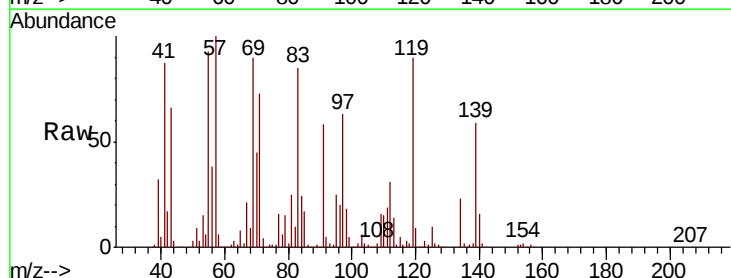
Tgt Ion:119 Resp: 369401

Ion Ratio Lower Upper

119 100

91 66.9 32.1 96.5

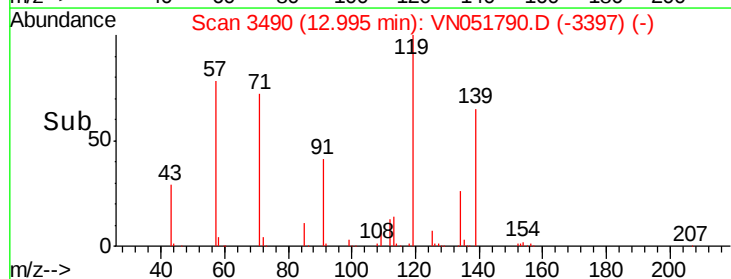
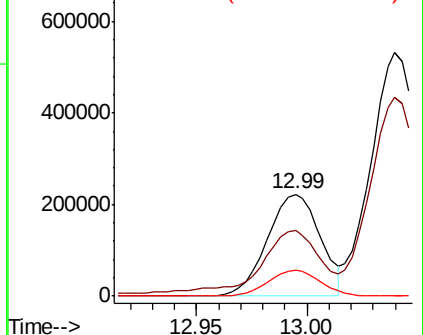
134 24.8 13.3 39.9

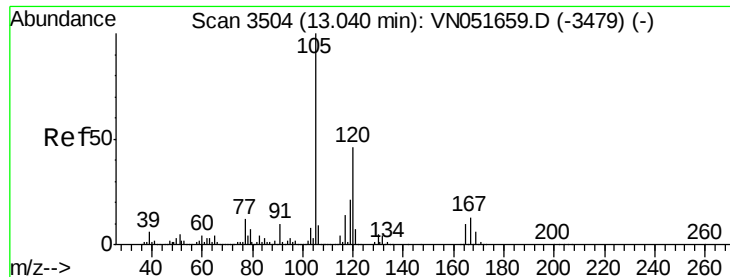


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 124.536 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

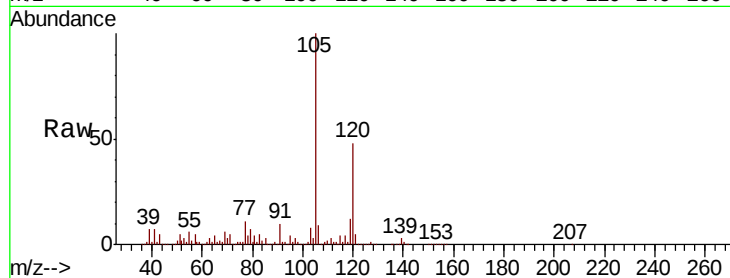
EP1-MW-D(8-12)

Tot Ion:105 Resp: 6685053

Ion Ratio Lower Upper

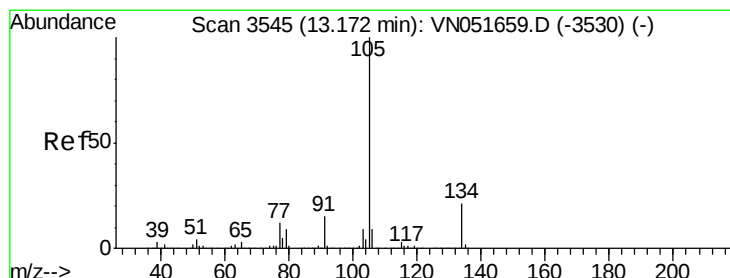
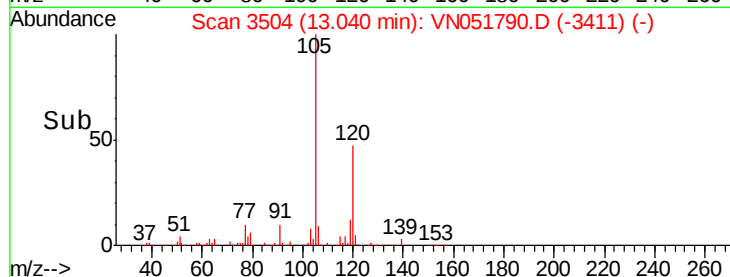
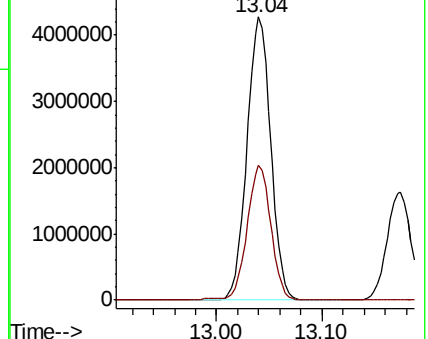
105 100

120 47.5 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 40.646 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN051790.D

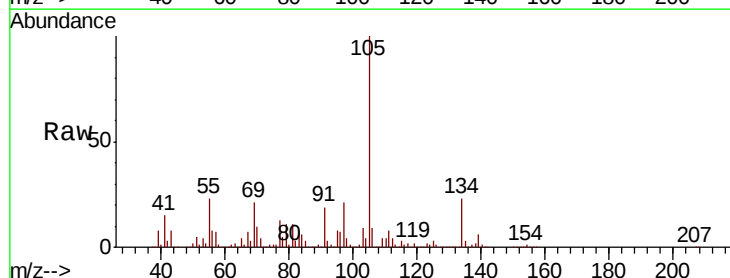
Acq: 10 Oct 2018 14:55

Tgt Ion:105 Resp: 2581873

Ion Ratio Lower Upper

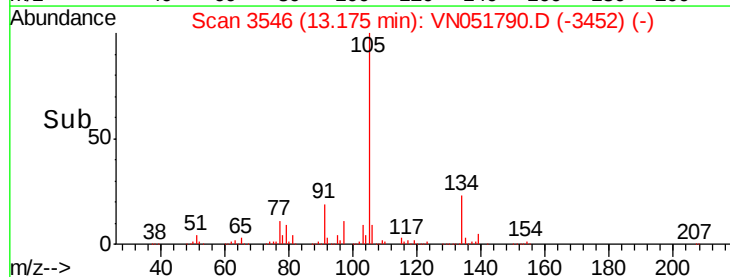
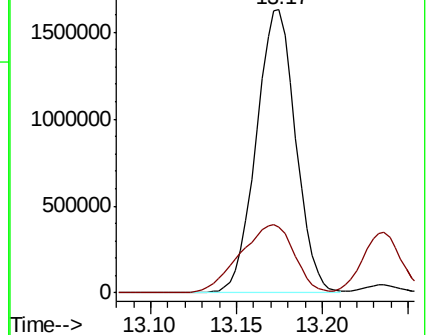
105 100

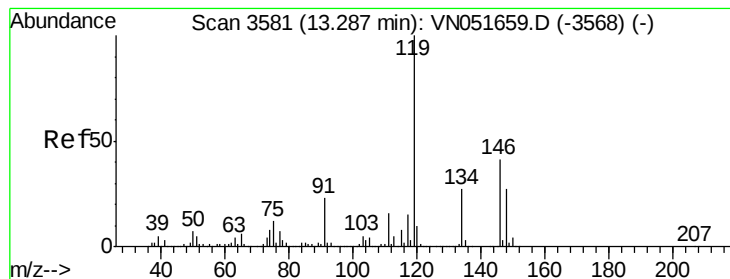
134 33.2 10.5 31.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 56.424 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D(8-12)

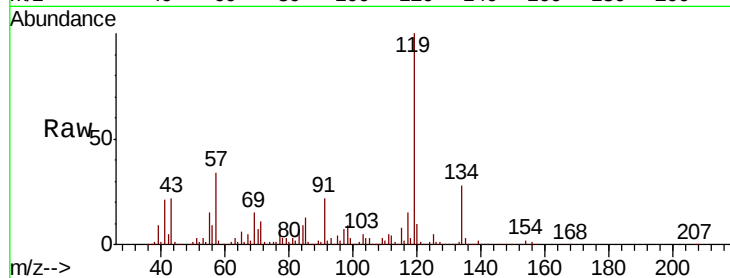
Tot Ion:119 Resp: 3177318

Ion Ratio Lower Upper

119 100

134 27.8 13.4 40.2

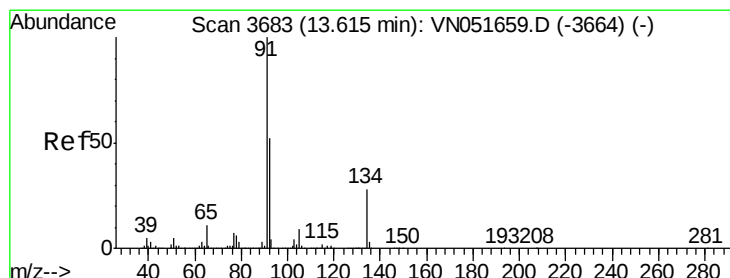
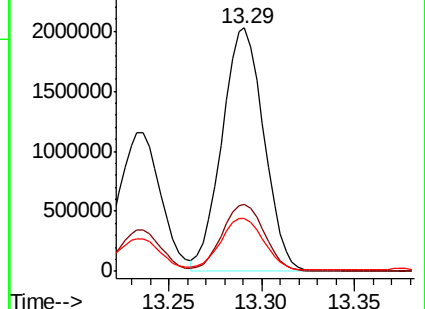
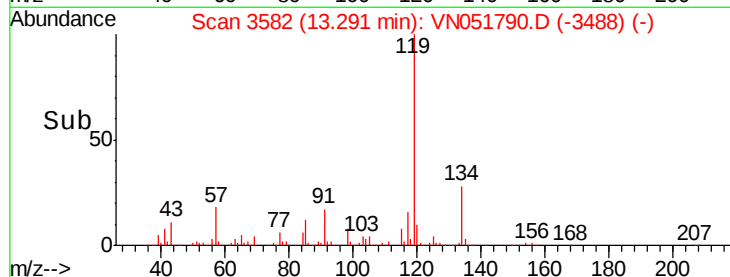
91 21.9 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 36.216 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

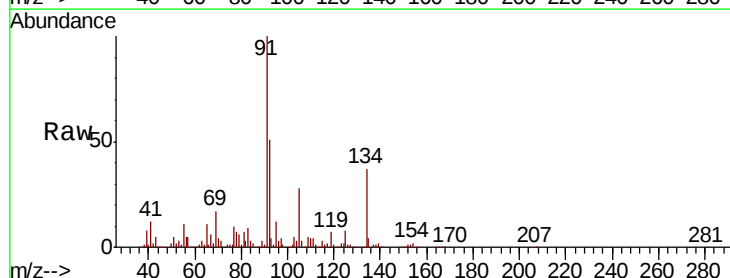
Tgt Ion: 91 Resp: 1612465

Ion Ratio Lower Upper

91 100

92 61.9 26.0 78.0

134 0.0 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

