

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051730.D
 Acq On : 8 Oct 2018 12:55
 Operator : MD\SY
 Sample : J5165-03 10X
 Misc : 5.71g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 28

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

Quant Time: Oct 09 14:05:01 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

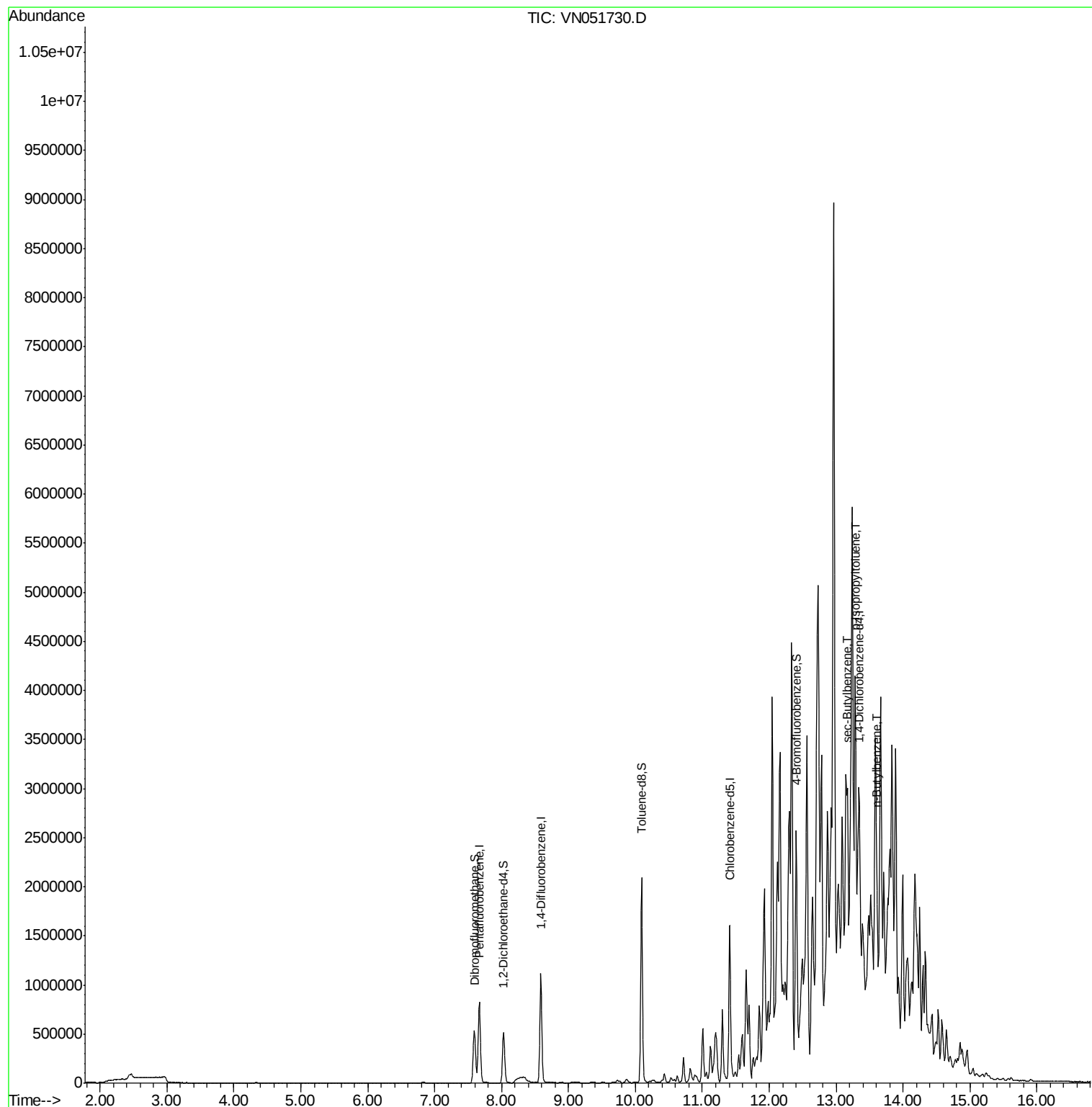
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	721280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1044971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	933122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	607557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	427853	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
35) Dibromofluoromethane	7.59	113	390474	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	10.09	98	1477324	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.40	95	587620	55.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.16%	
Target Compounds						
85) sec-Butylbenzene	13.17	105	648768	12.541	ug/l #	72
86) p-Isopropyltoluene	13.29	119	588229	12.826	ug/l	100
89) n-Butylbenzene	13.61	91	411383	11.345	ug/l #	74

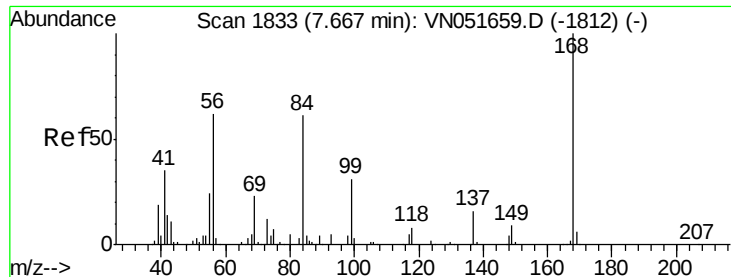
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100818\
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EP1-MW-F-092718(7-10)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
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: VN051730.D

Acq: 8 Oct 2018 12:55

Instrument :

MSVOA_N

ClientSampleId :

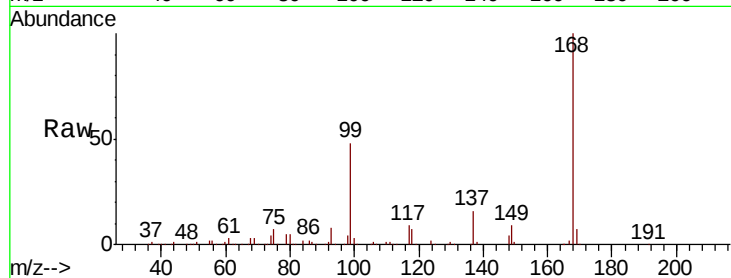
EP1-MW-F-092718(7-10)

Tot Ion:168 Resp: 721280

Ion Ratio Lower Upper

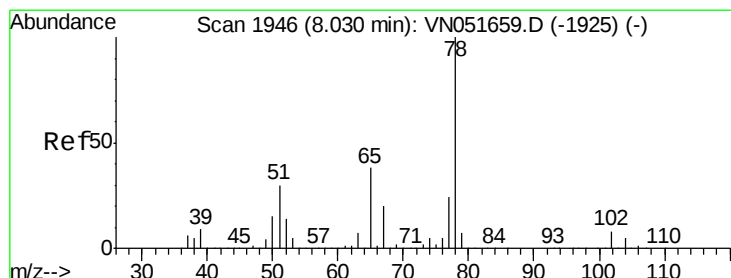
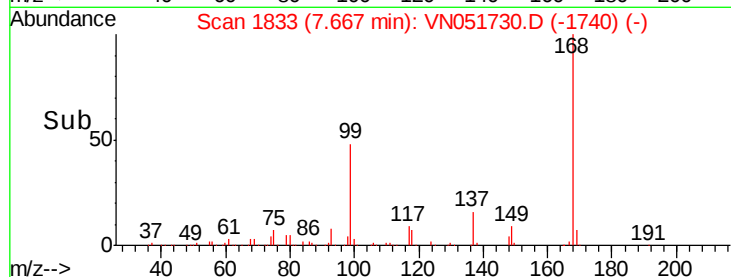
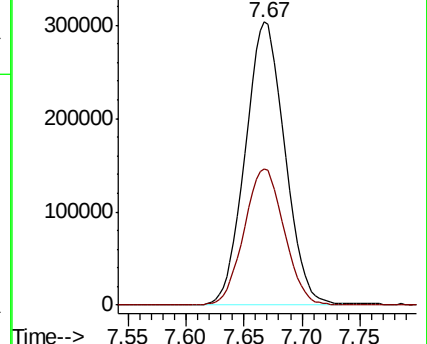
168 100

99 48.2 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VN051730.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051730.D (-1740) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. -0.00 min

Lab File: VN051730.D

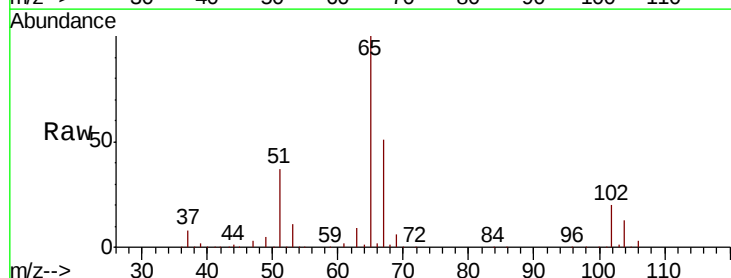
Acq: 8 Oct 2018 12:55

Tgt Ion: 65 Resp: 427853

Ion Ratio Lower Upper

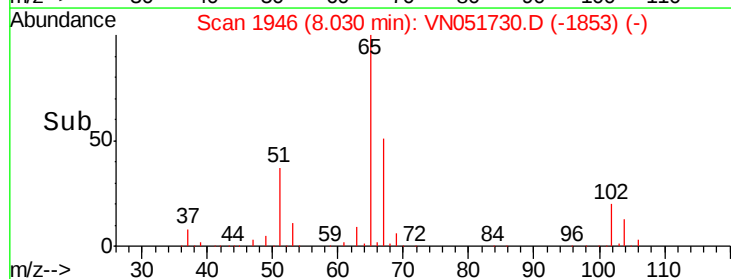
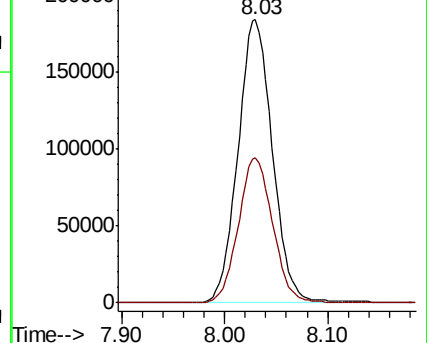
65 100

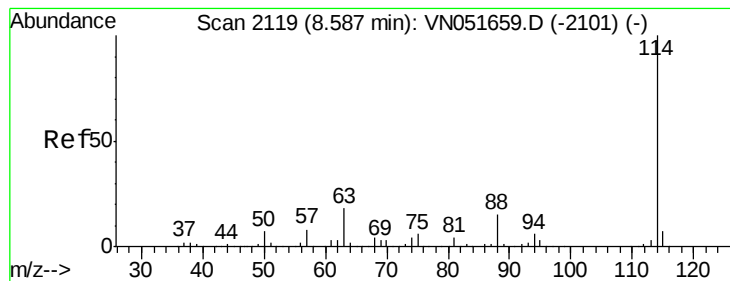
67 51.4 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051730.D (-1853) (-)

Ion 66.90 (66.60 to 67.60): VN051730.D (-1853) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051730.D

Acq: 8 Oct 2018 12:55

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-F-092718(7-10)

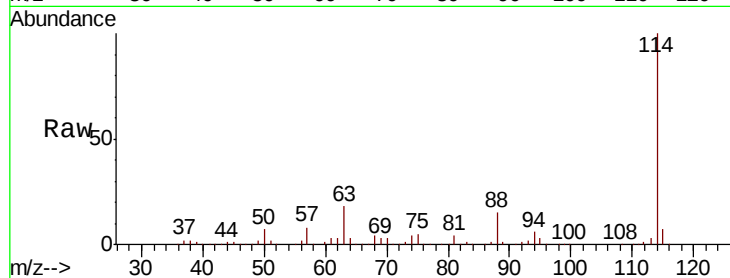
Tot Ion:114 Resp: 1044971

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.2

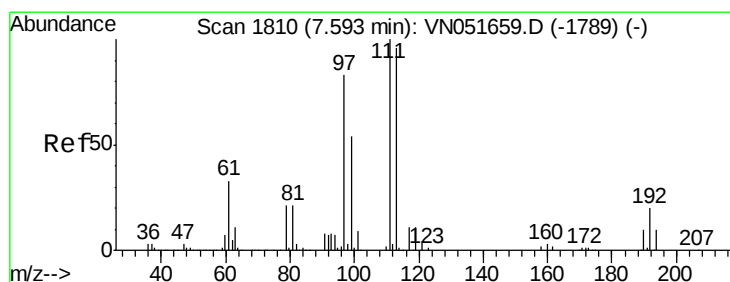
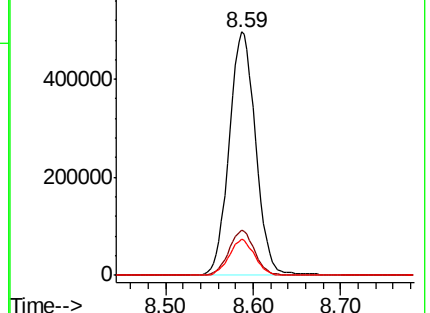
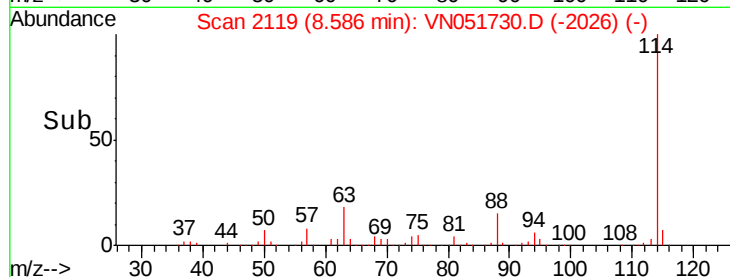
88 14.6 0.0 30.2



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: VN051730.D

Acq: 8 Oct 2018 12:55

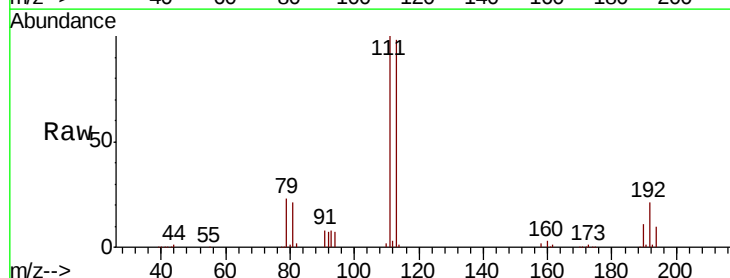
Tgt Ion:113 Resp: 390474

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

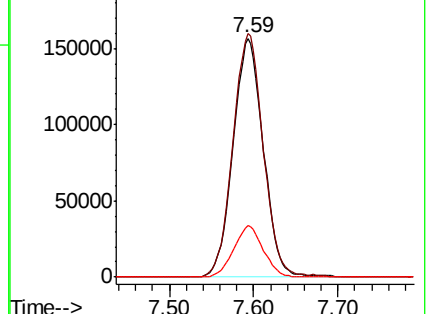
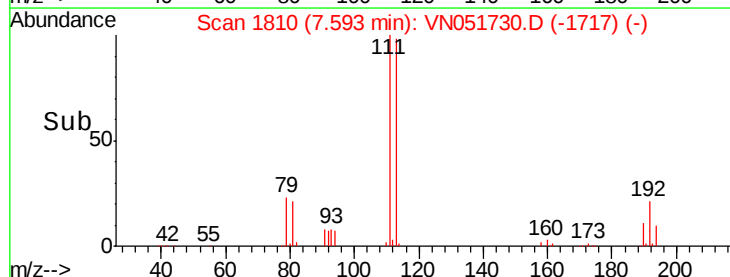
192 21.0 16.5 24.7

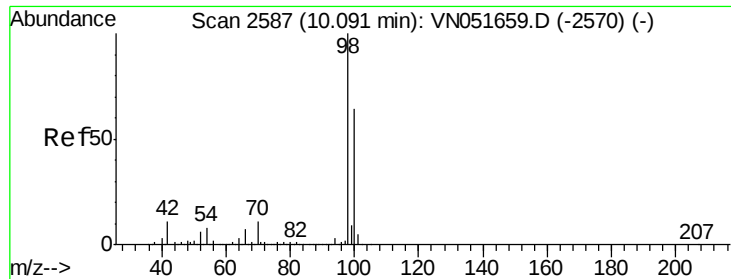


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN051730.D

Acq: 8 Oct 2018 12:55

Instrument :

MSVOA_N

ClientSampleId :

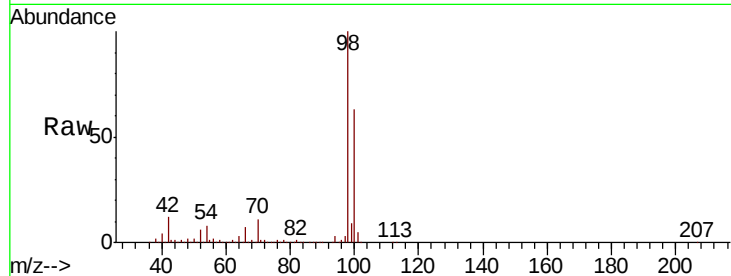
EP1-MW-F-092718(7-10)

Tot Ion: 98 Resp: 1477324

Ion Ratio Lower Upper

98 100

100 63.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051730.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN051730.D (-2494) (-)

10.09

800000

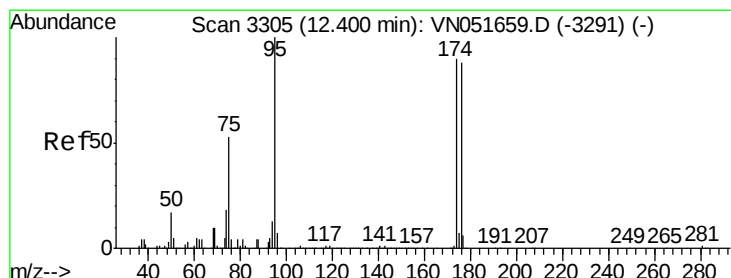
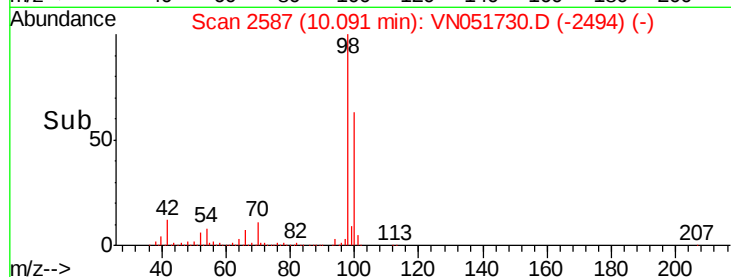
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051730.D

Acq: 8 Oct 2018 12:55

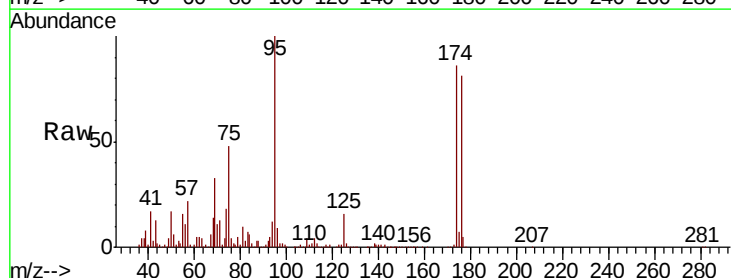
Tgt Ion: 95 Resp: 587620

Ion Ratio Lower Upper

95 100

174 88.2 0.0 182.8

176 85.5 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051730.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051730.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051730.D (-3212) (-)

12.40

400000

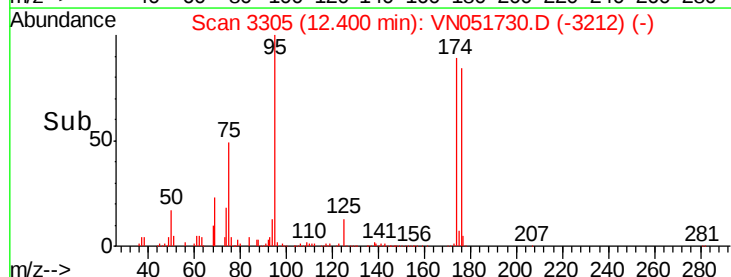
300000

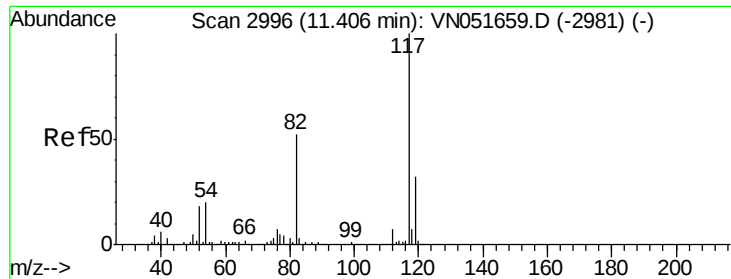
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051730.D

Acq: 8 Oct 2018 12:55

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-F-092718(7-10)

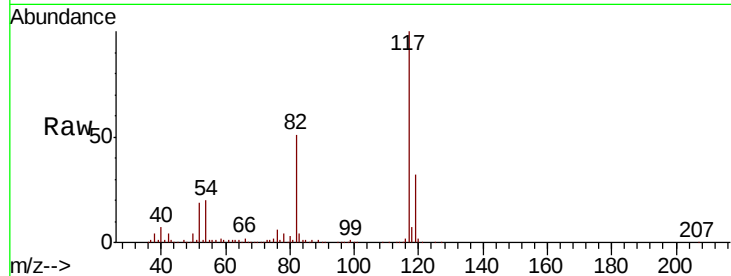
Tot Ion:117 Resp: 933122

Ion Ratio Lower Upper

117 100

82 50.5 41.3 61.9

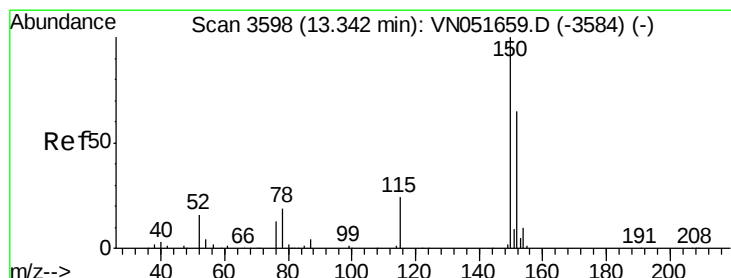
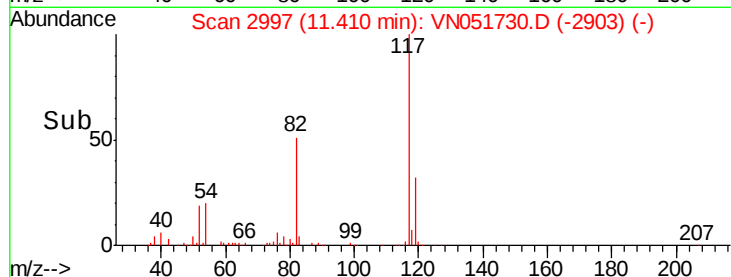
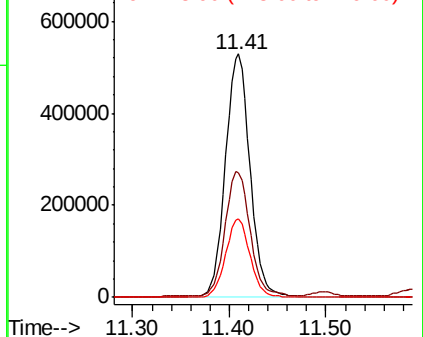
119 32.1 25.9 38.9



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: VN051730.D

Acq: 8 Oct 2018 12:55

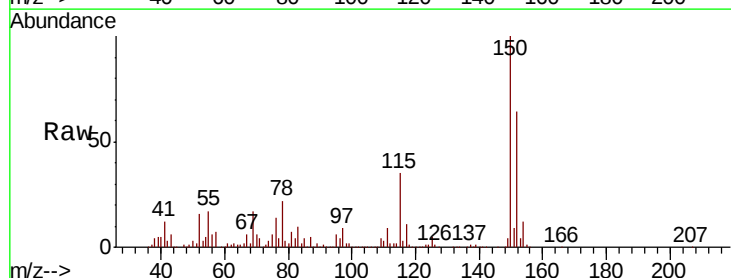
Tgt Ion:152 Resp: 607557

Ion Ratio Lower Upper

152 100

115 52.4 28.6 85.8

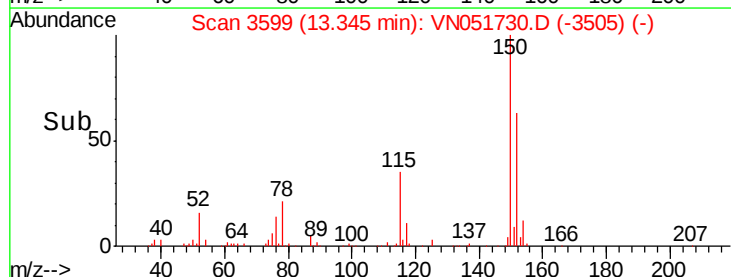
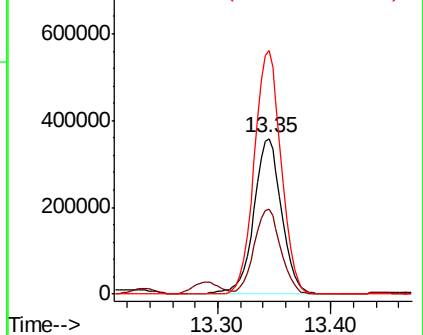
150 152.0 0.0 352.4

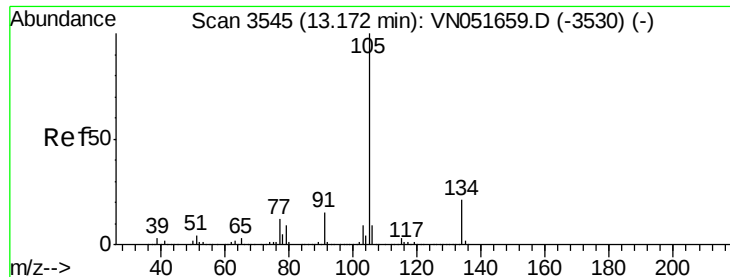


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#85

sec-Butylbenzene

Concen: 12.541 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051730.D

Acq: 8 Oct 2018 12:55

Instrument :

MSVOA_N

ClientSampleId :

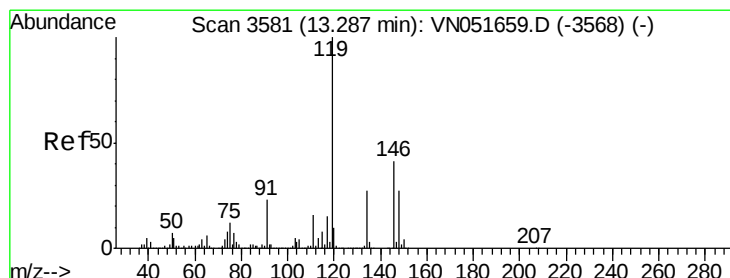
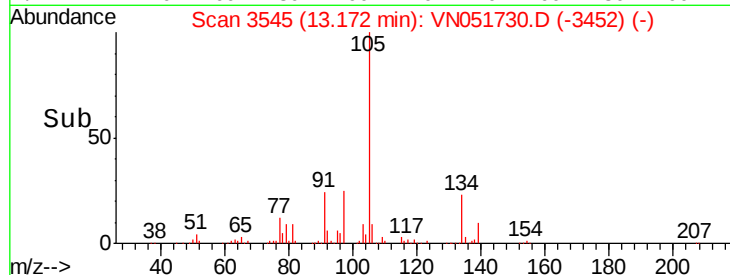
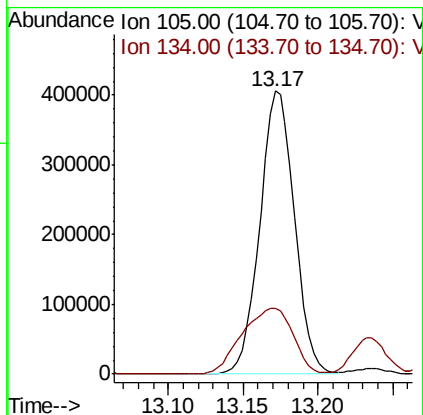
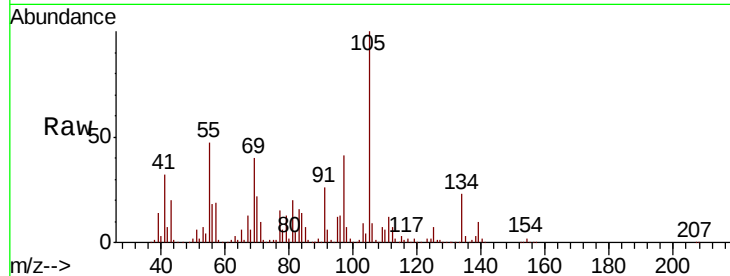
EP1-MW-F-092718(7-10)

Tot Ion:105 Resp: 648768

Ion Ratio Lower Upper

105 100

134 34.5 10.5 31.6#



#86

p-Isopropyltoluene

Concen: 12.826 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051730.D

Acq: 8 Oct 2018 12:55

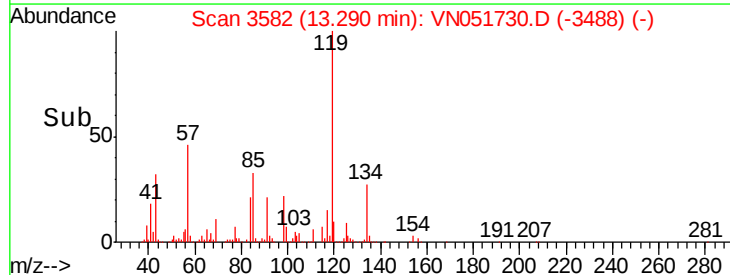
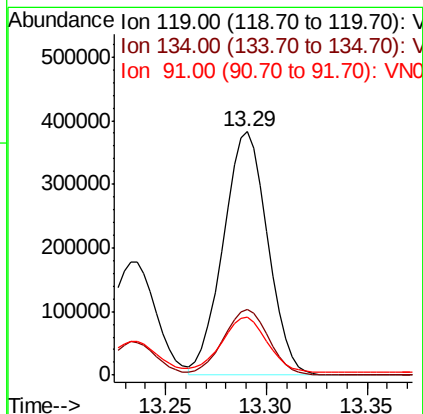
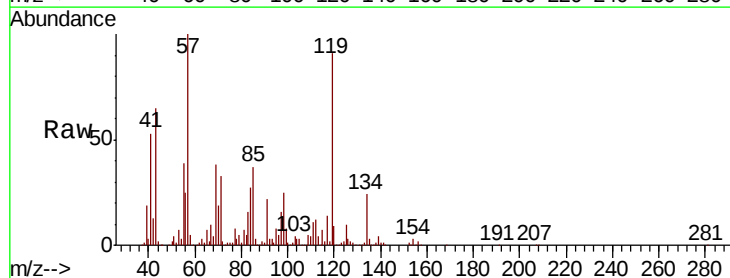
Tgt Ion:119 Resp: 588229

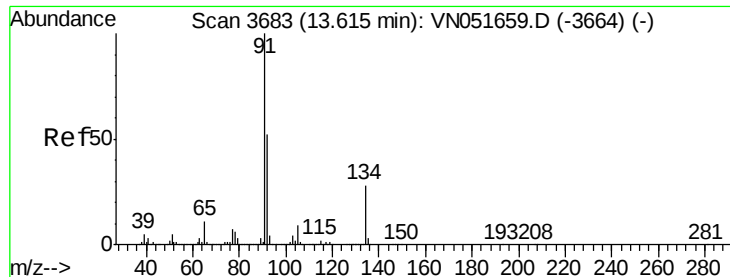
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 23.4 11.7 35.1





#89

n-Butylbenzene

Concen: 11.345 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051730.D

Acq: 8 Oct 2018 12:55

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-F-092718(7-10)

Tot Ion: 91 Resp: 411383

Ion Ratio Lower Upper

91 100

92 59.1 26.0 78.0

134 0.0 14.2 42.6#

