

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051124.D
 Acq On : 11 Sep 2018 13:58
 Operator : MD\SY
 Sample : J4849-04 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D

Quant Time: Sep 12 03:20:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	669422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1026313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	916798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	408267	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	388266	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	
35) Dibromofluoromethane	7.59	113	383715	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
50) Toluene-d8	10.09	98	1426922	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.40	95	471964	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	

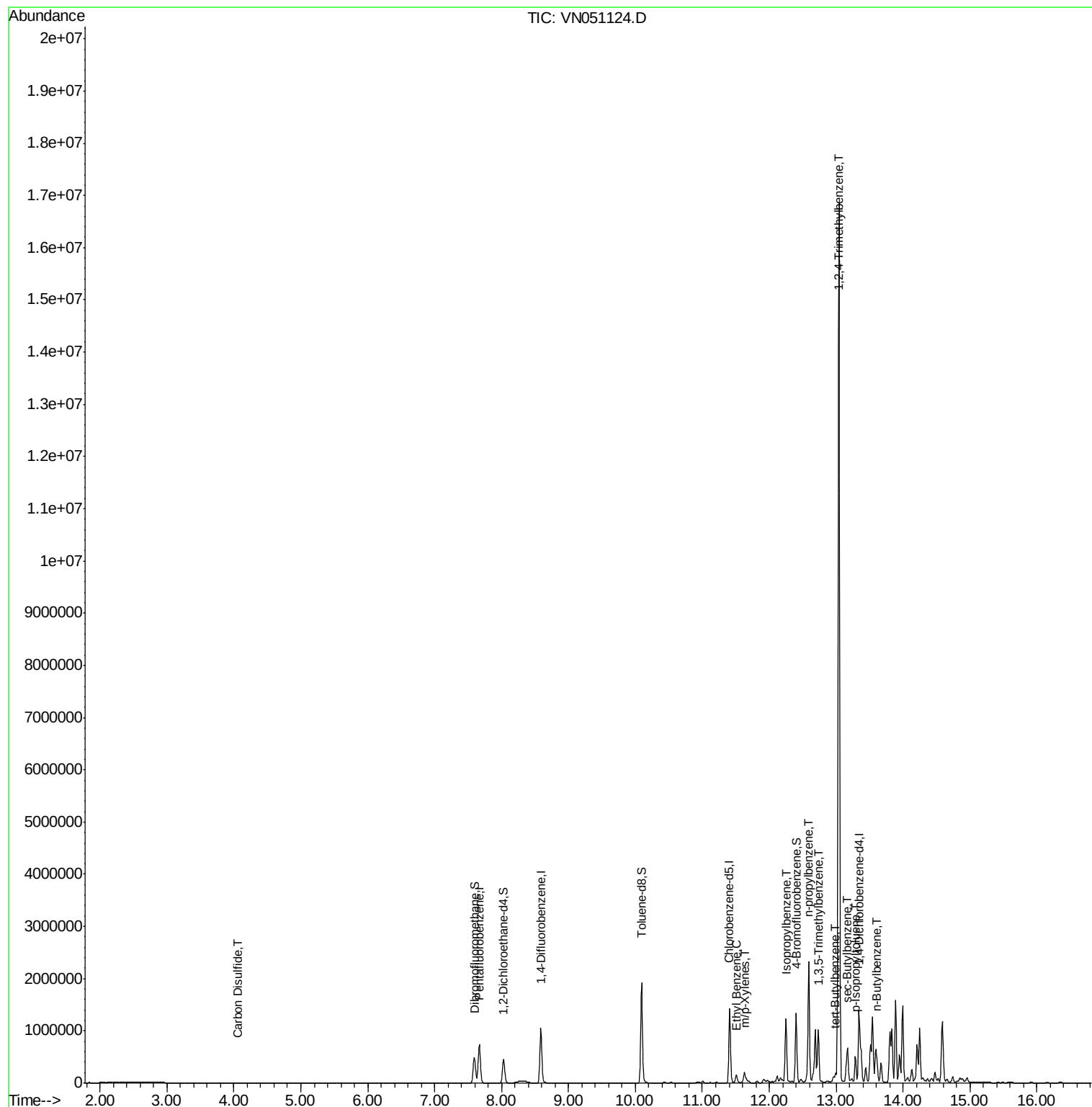
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Carbon Disulfide	4.05	76	11499	0.66	ug/l	99
67) Ethyl Benzene	11.51	91	97112	2.59	ug/l	99
68) m/p-Xylenes	11.63	106	56306	3.92	ug/l	99
73) Isopropylbenzene	12.25	105	835300	24.40	ug/l	99
78) n-propylbenzene	12.59	91	1842675	48.96	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	534658	19.31	ug/l	99
83) tert-Butylbenzene	12.99	119	83655	3.42	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	10036078	368.73	ug/l	100
85) sec-Butylbenzene	13.17	105	435083	13.88	ug/l	79
86) p-Isopropyltoluene	13.29	119	287515	10.82	ug/l	100
89) n-Butylbenzene	13.61	91	224780	10.87	ug/l #	75

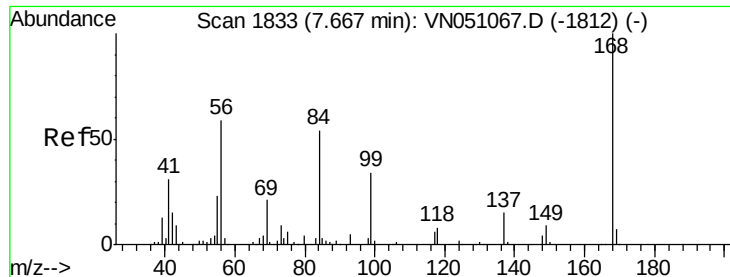
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051124.D
Acq On : 11 Sep 2018 13:58
Operator : MD\SY
Sample : J4849-04 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D

Quant Time: Sep 12 03:20:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051124.D

Acq: 11 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampled :

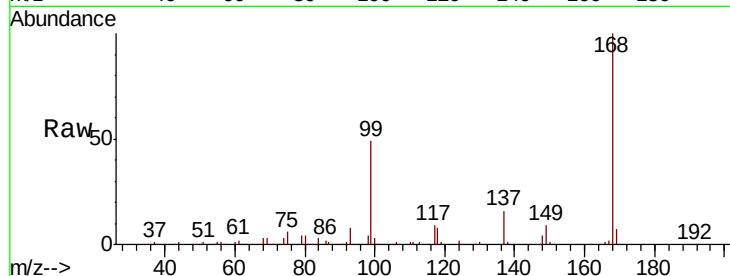
EP1-MW-D

Tot Ion:168 Resp: 669422

Ion Ratio Lower Upper

168 100

99 48.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

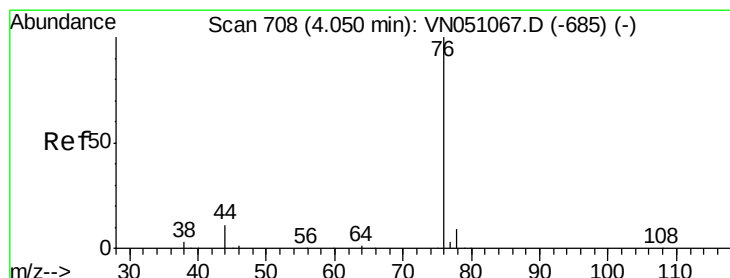
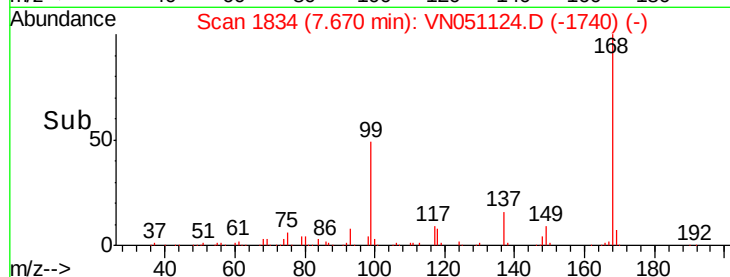
150000

100000

50000

0

Time-->



#17

Carbon Disulfide

Concen: 0.66 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN051124.D

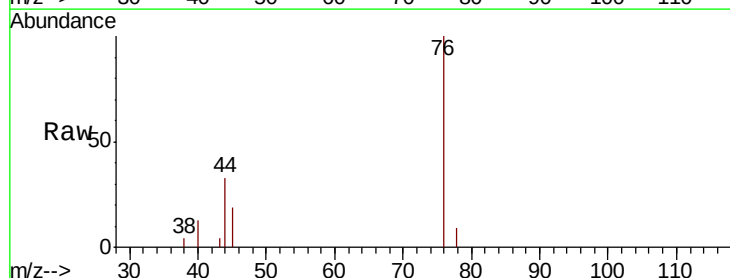
Acq: 11 Sep 2018 13:58

Tgt Ion: 76 Resp: 11499

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.05

5000

4000

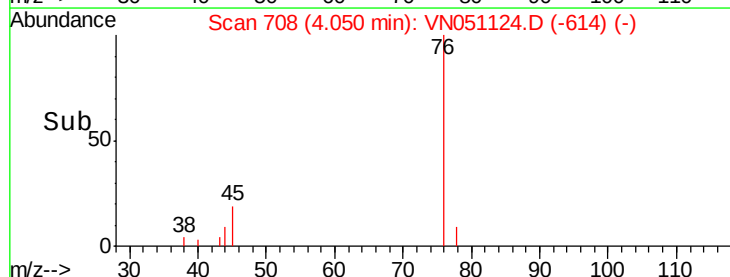
3000

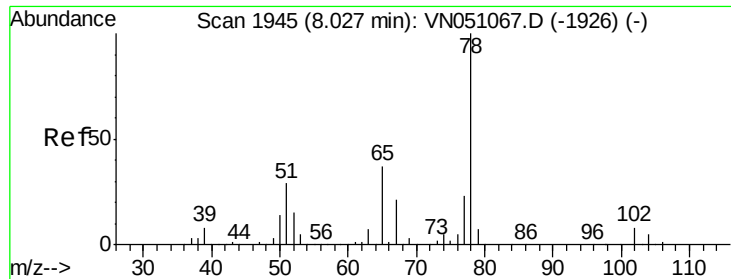
2000

1000

0

Time-->

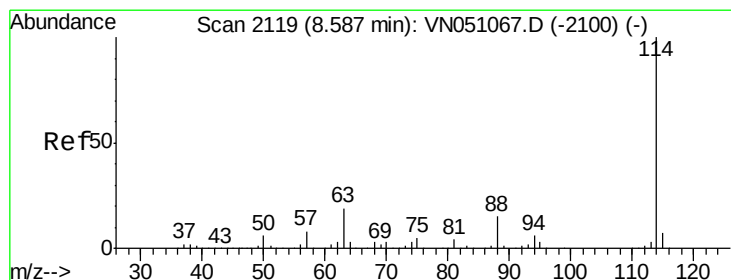
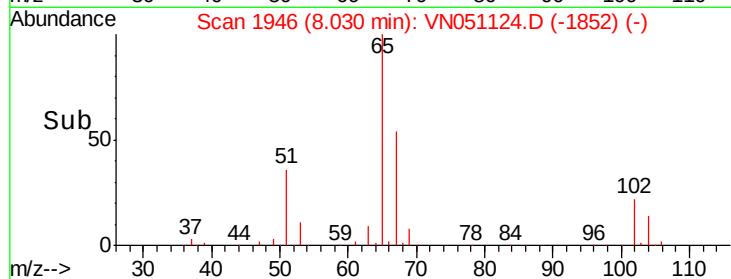
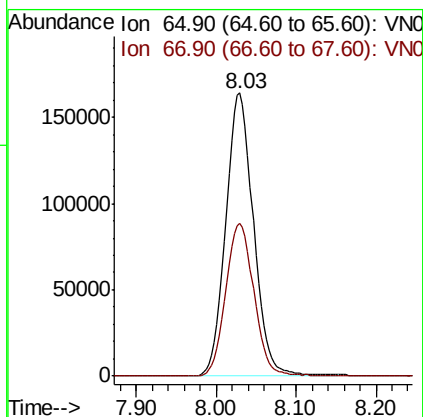
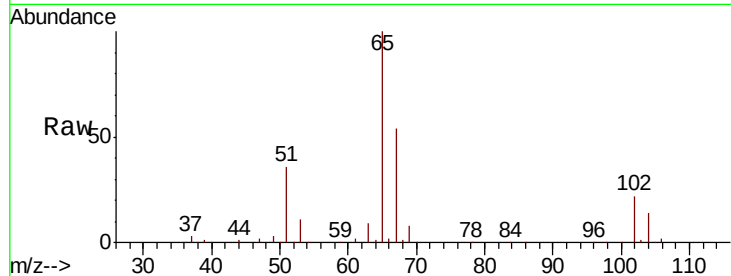




#33
 1,2-Dichloroethane-d4
 Concen: 52.12 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051124.D
 Acq: 11 Sep 2018 13:58

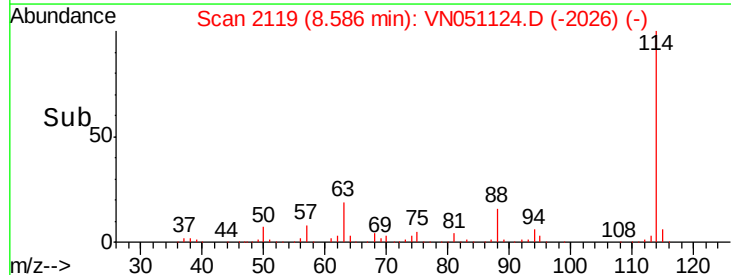
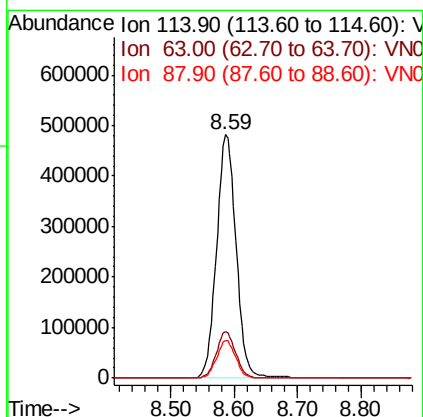
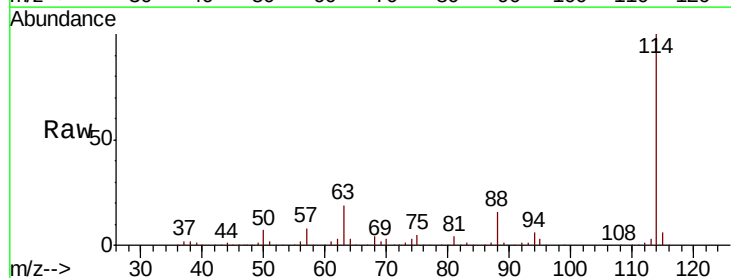
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D

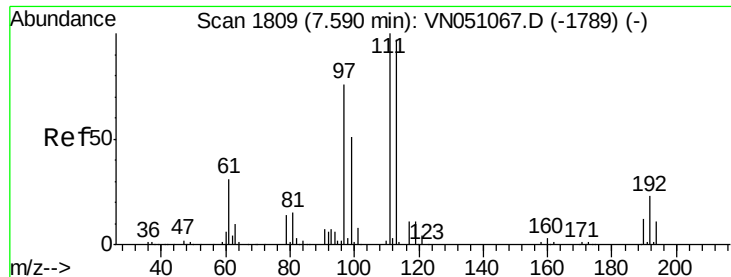
Tot Ion: 65 Resp: 388266
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051124.D
 Acq: 11 Sep 2018 13:58

Tgt Ion: 114 Resp: 1026313
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.8
 88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.76 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051124.D

Acq: 11 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D

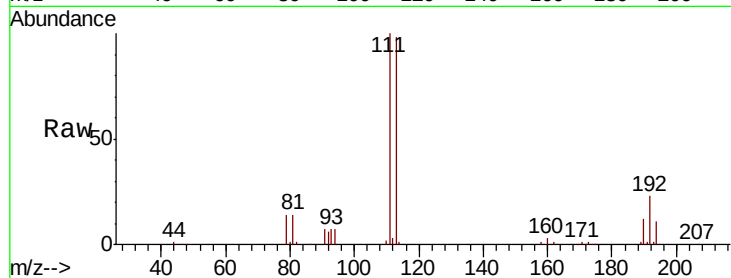
Tot Ion:113 Resp: 383715

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

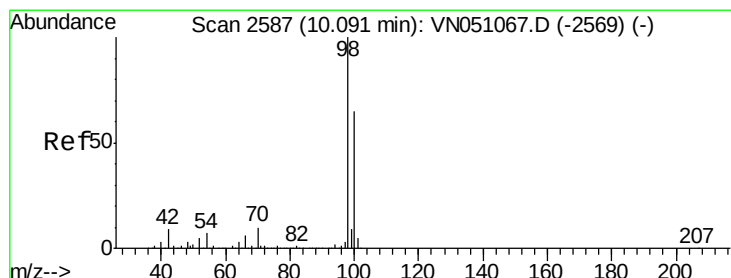
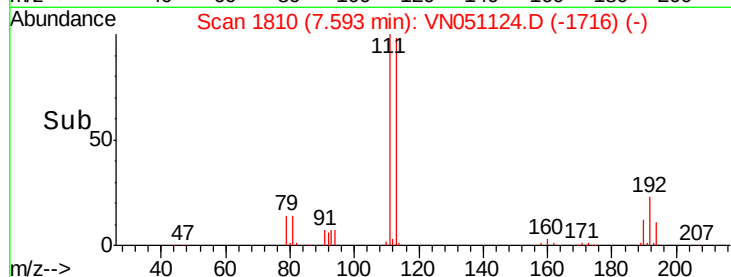
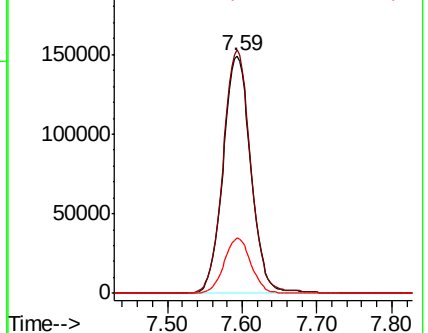
192 22.4 18.7 28.1



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: 48.76 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051124.D

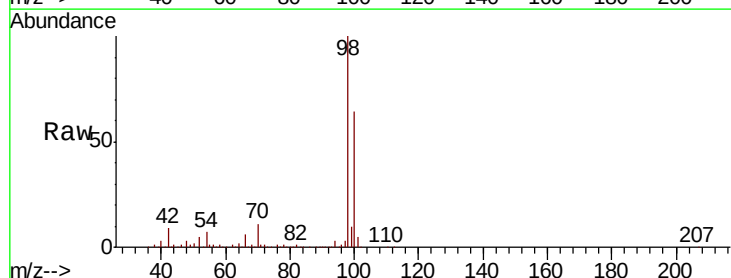
Acq: 11 Sep 2018 13:58

Tgt Ion: 98 Resp: 1426922

Ion Ratio Lower Upper

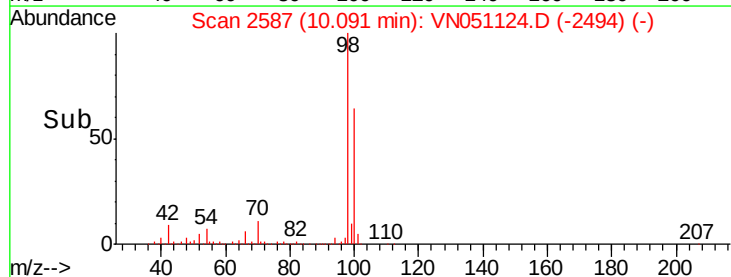
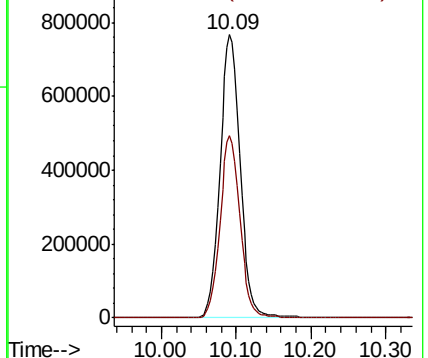
98 100

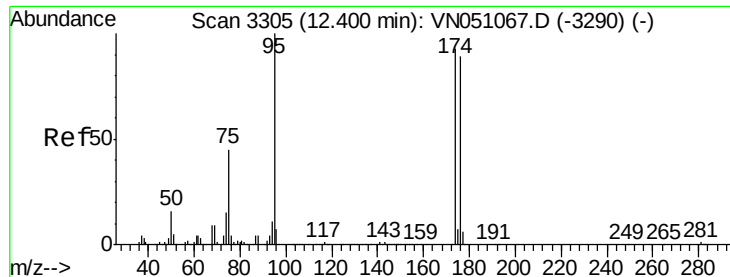
100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

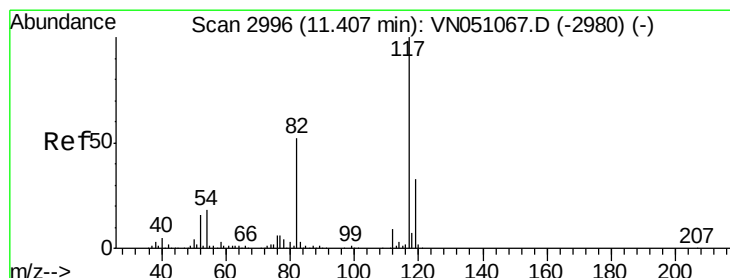
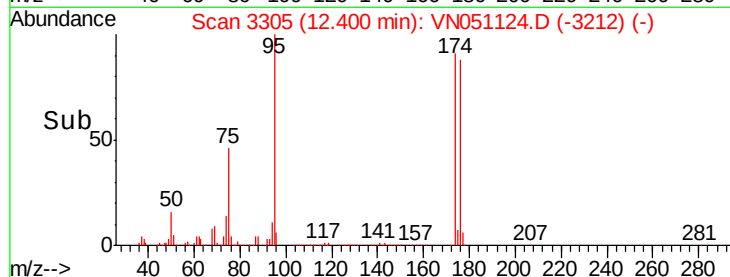
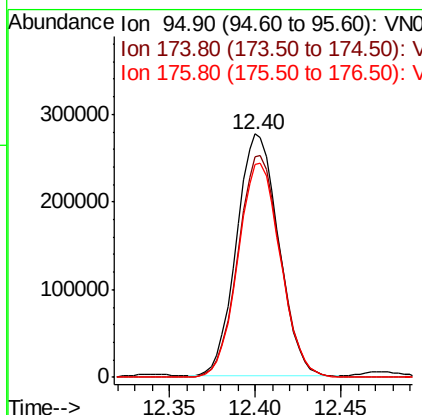
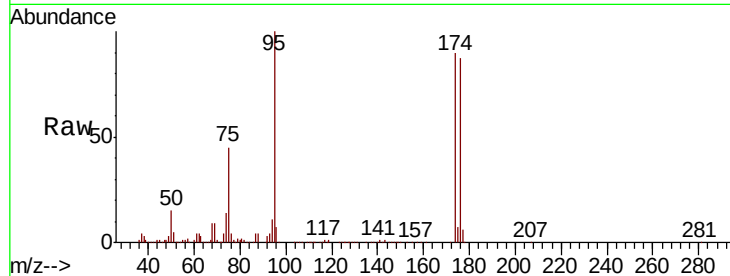




#62
4-Bromofluorobenzene
Concen: 48.76 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051124.D
Acq: 11 Sep 2018 13:58

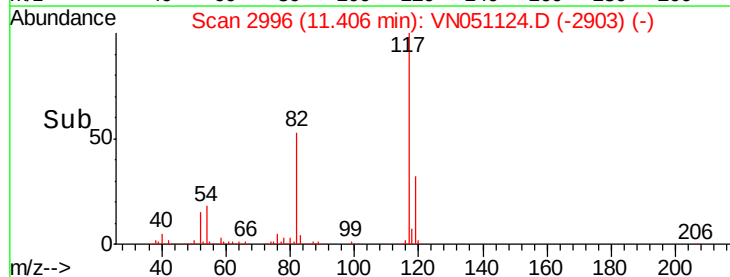
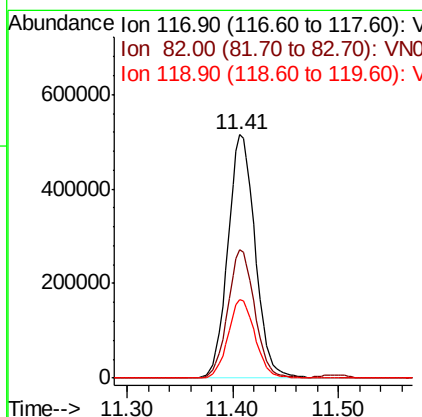
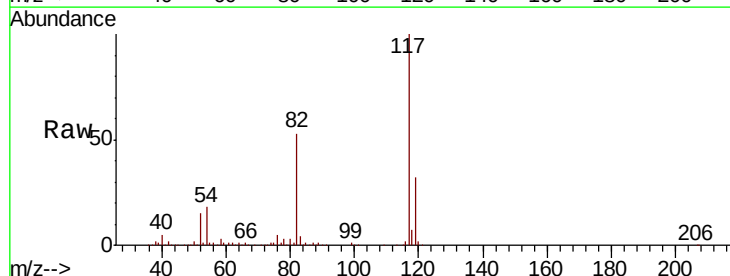
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D

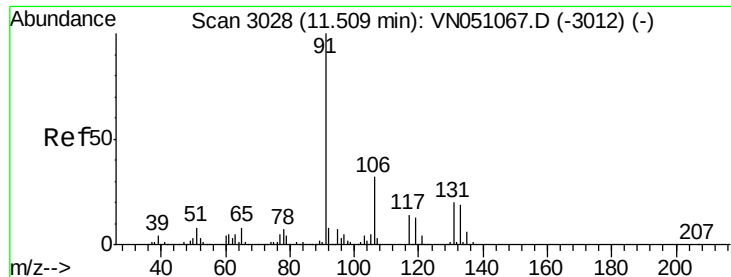
Tot Ion: 95 Resp: 471964
Ion Ratio Lower Upper
95 100
174 92.2 0.0 184.8
176 89.2 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051124.D
Acq: 11 Sep 2018 13:58

Tgt Ion: 117 Resp: 916798
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.6
119 32.3 26.2 39.2





#67

Ethyl Benzene

Concen: 2.59 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN051124.D

Acq: 11 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

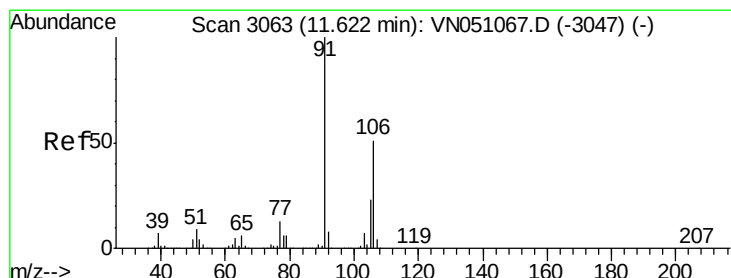
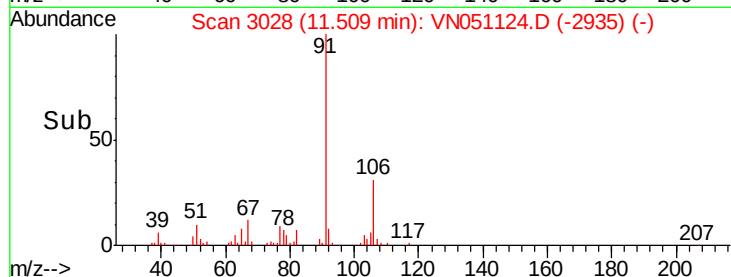
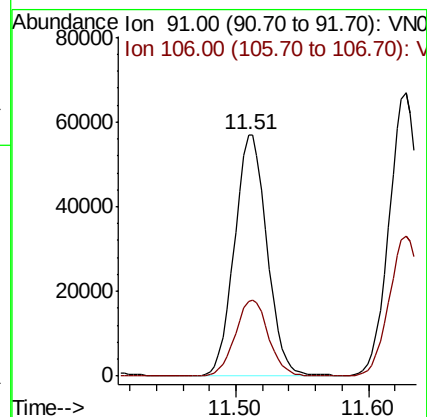
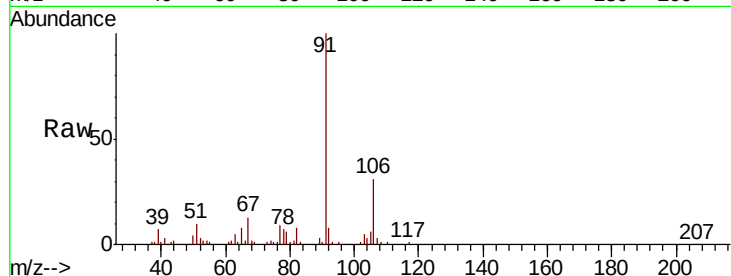
EP1-MW-D

Tot Ion: 91 Resp: 97112

Ion Ratio Lower Upper

91 100

106 31.0 25.4 38.2



#68

m/p-Xylenes

Concen: 3.92 ug/l

RT: 11.63 min Scan# 3065

Delta R.T. 0.01 min

Lab File: VN051124.D

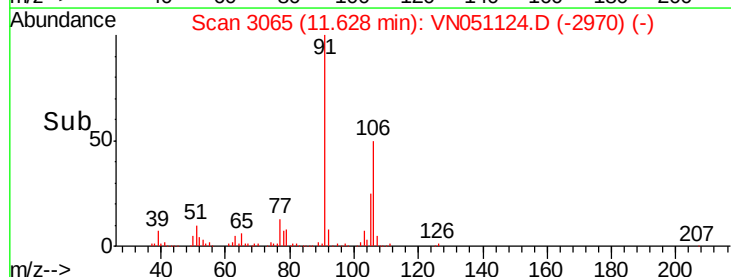
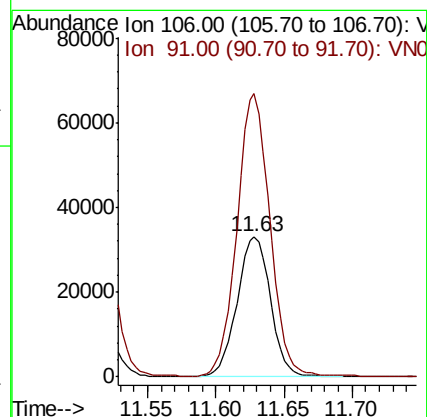
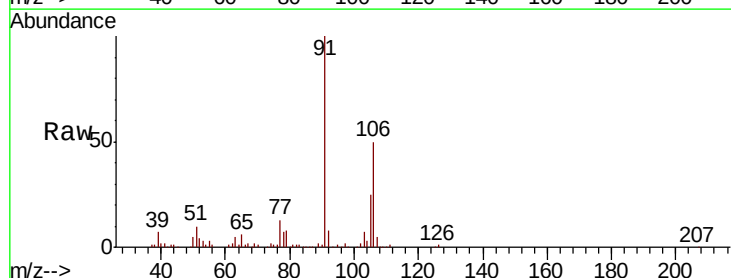
Acq: 11 Sep 2018 13:58

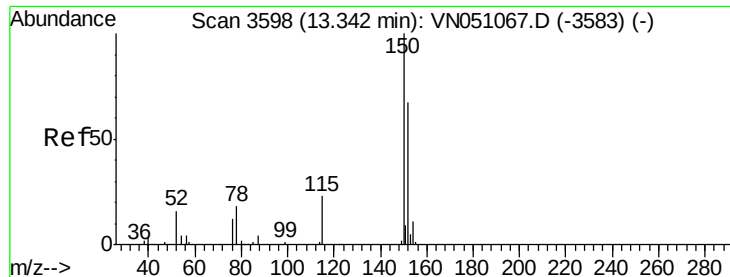
Tgt Ion: 106 Resp: 56306

Ion Ratio Lower Upper

106 100

91 197.7 159.8 239.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051124.D

Acq: 11 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D

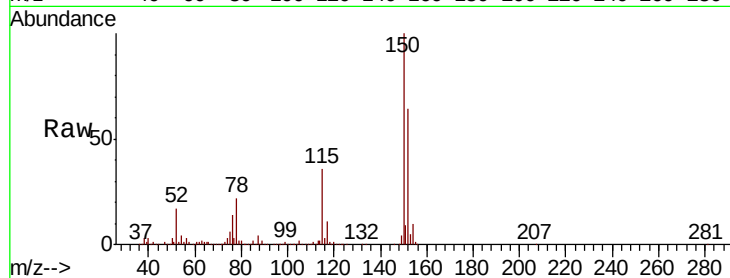
Tot Ion:152 Resp: 408267

Ion Ratio Lower Upper

152 100

115 59.4 28.2 84.7

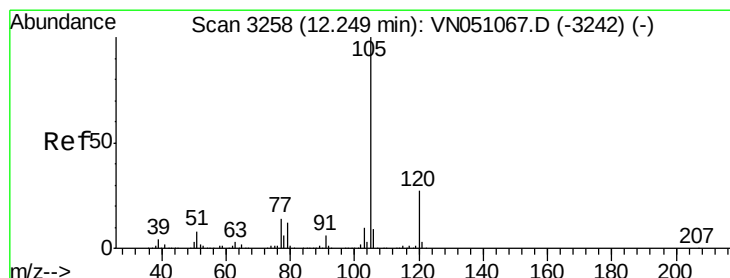
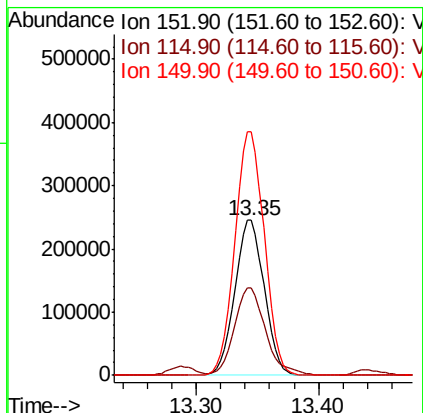
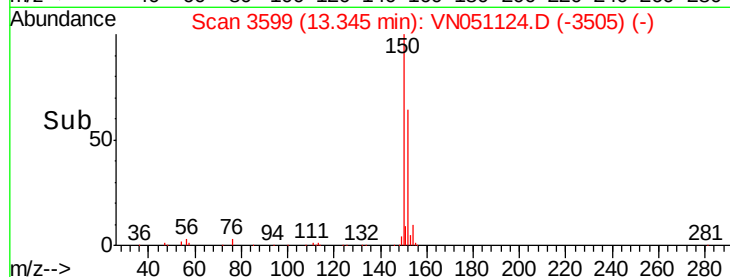
150 157.3 0.0 349.0



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: 24.40 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051124.D

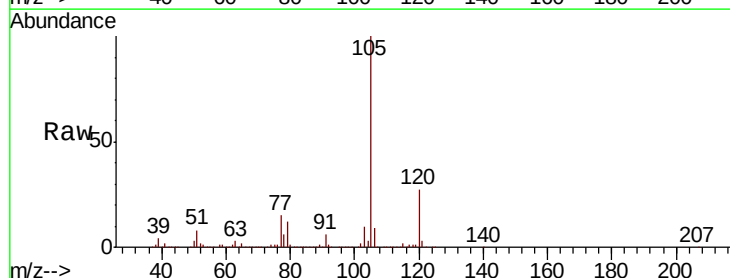
Acq: 11 Sep 2018 13:58

Tgt Ion:105 Resp: 835300

Ion Ratio Lower Upper

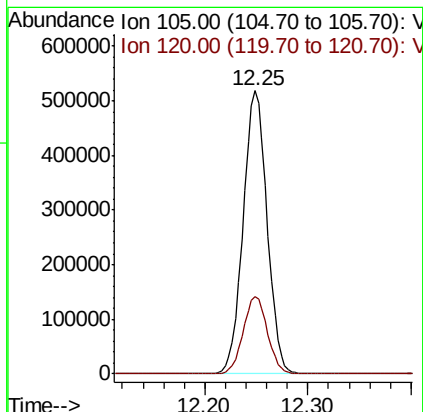
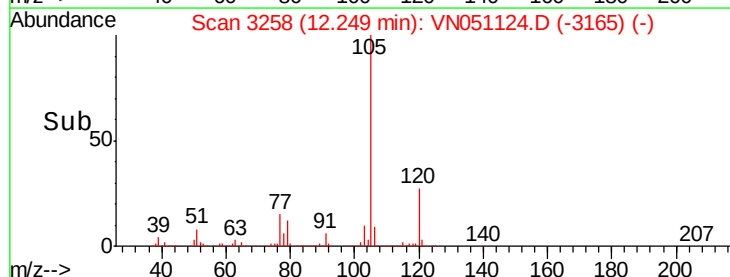
105 100

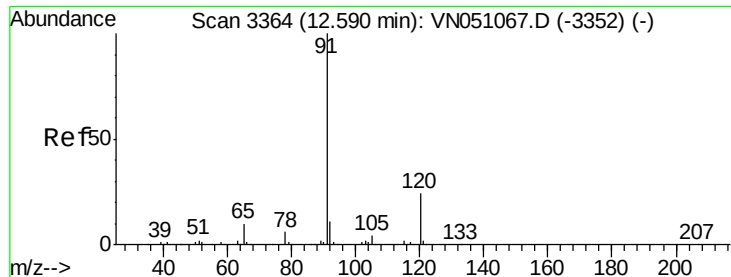
120 27.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 48.96 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051124.D

Acq: 11 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampled :

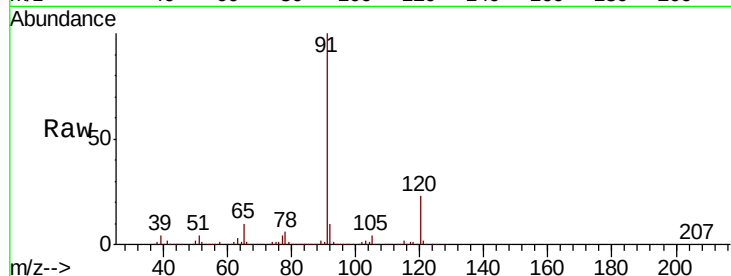
EP1-MW-D

Tot Ion: 91 Resp: 1842675

Ion Ratio Lower Upper

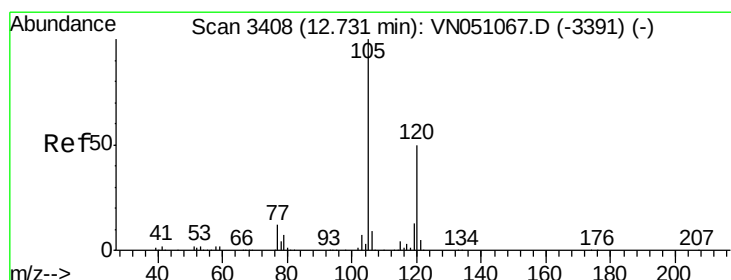
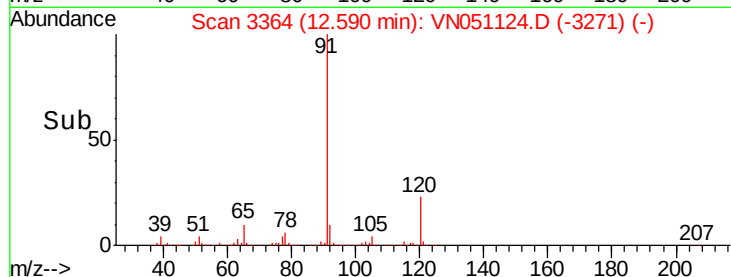
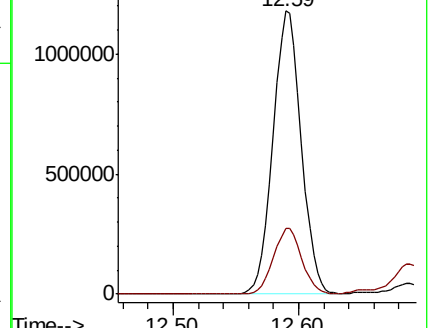
91 100

120 23.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN051067.D (-3352) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.31 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051124.D

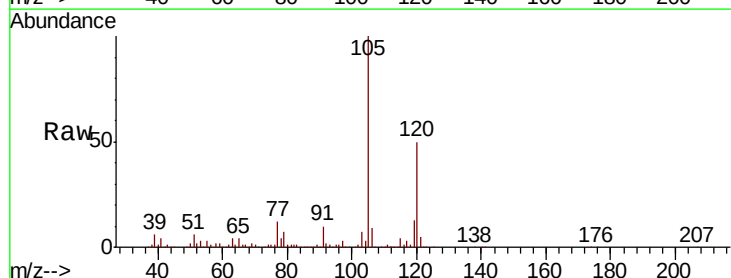
Acq: 11 Sep 2018 13:58

Tgt Ion:105 Resp: 534658

Ion Ratio Lower Upper

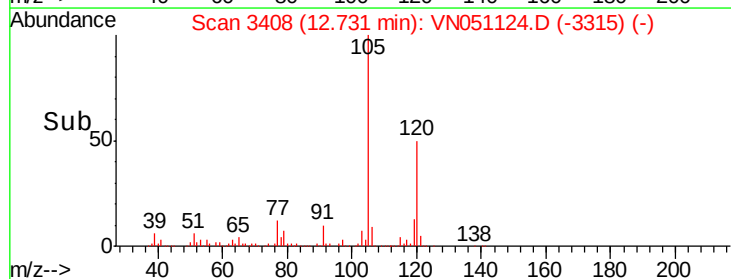
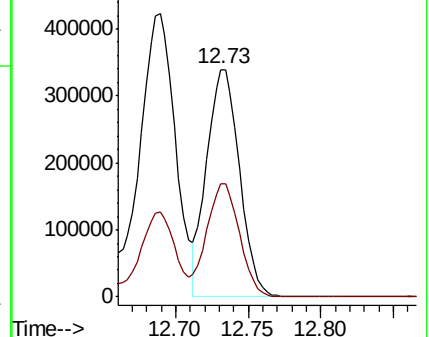
105 100

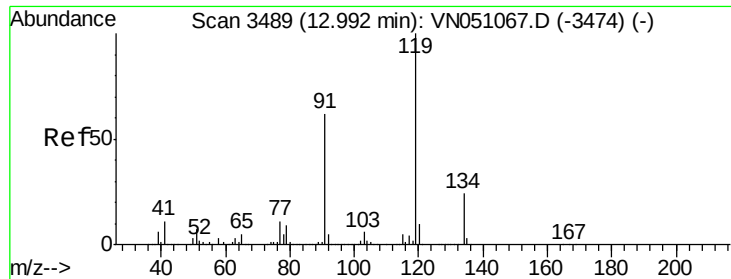
120 50.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051067.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN051067.D (-3391) (-)

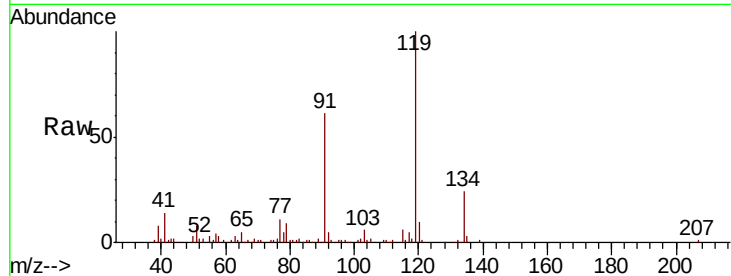




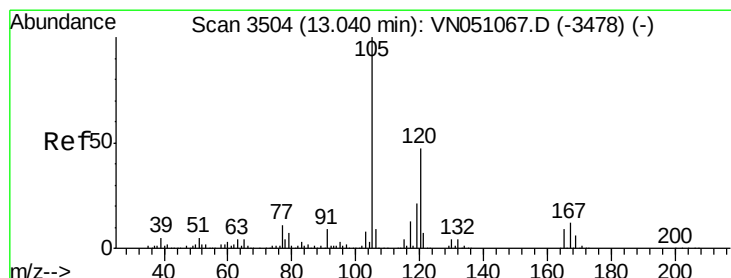
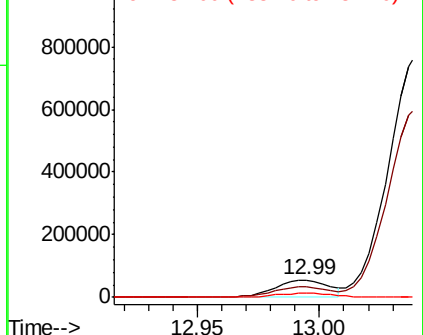
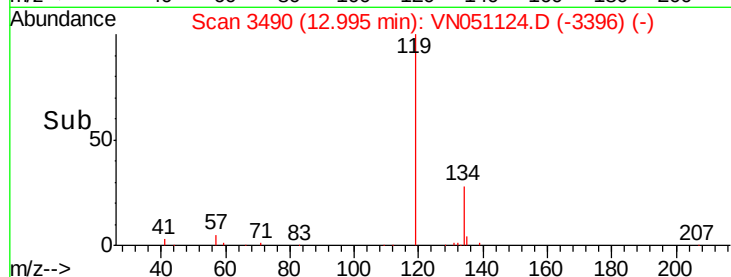
#83
 tert-Butylbenzene
 Concen: 3.42 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051124.D
 Acq: 11 Sep 2018 13:58

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-D

Tot Ion:119 Resp: 83655
 Ion Ratio Lower Upper
 119 100
 91 63.8 30.8 92.3
 134 26.0 13.2 39.6

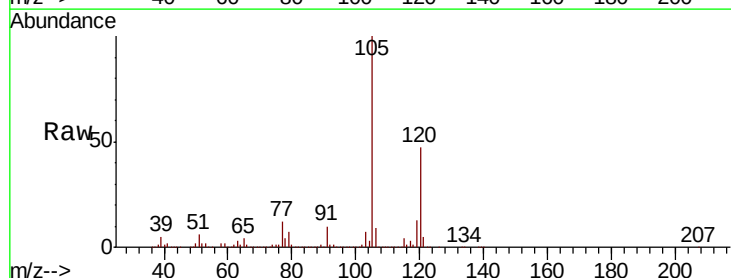


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

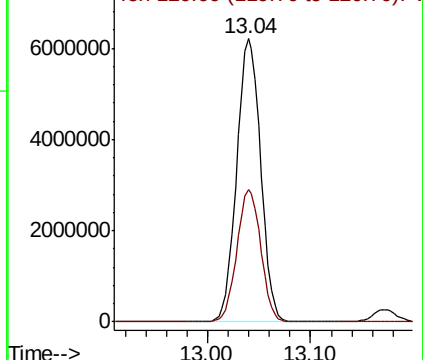
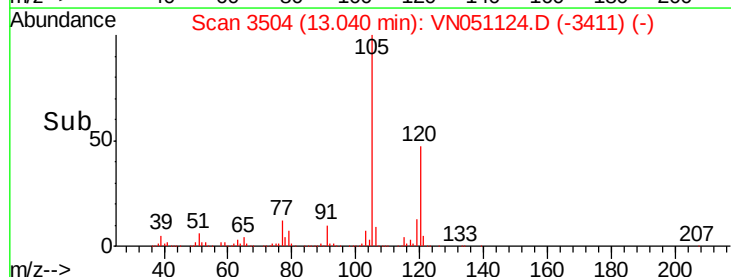


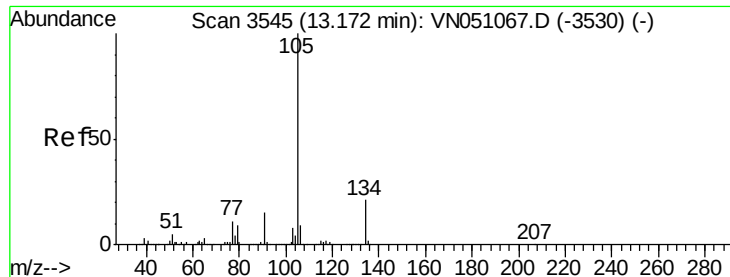
#84
 1,2,4-Trimethylbenzene
 Concen: 368.73 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051124.D
 Acq: 11 Sep 2018 13:58

Tgt Ion:105 Resp:10036078
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 13.88 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051124.D

Acq: 11 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampled :

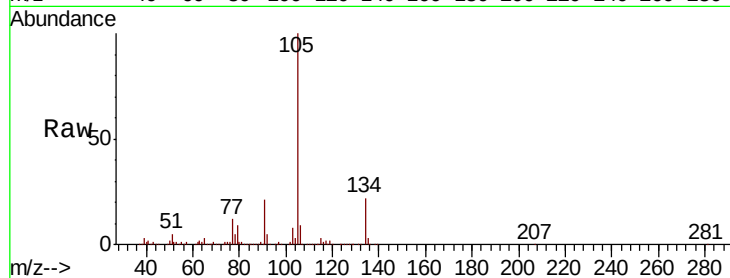
EP1-MW-D

Tot Ion:105 Resp: 435083

Ion Ratio Lower Upper

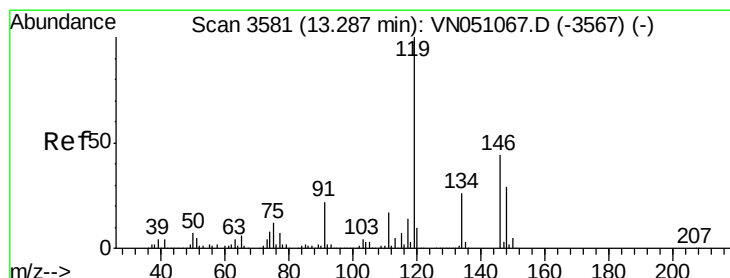
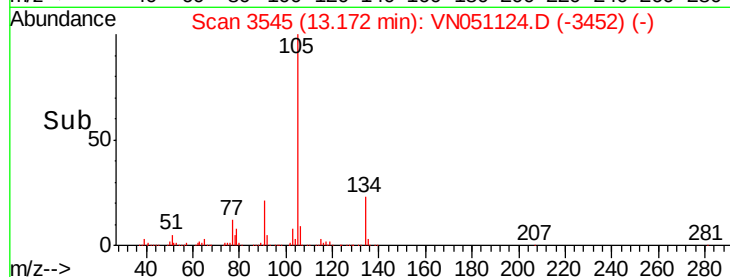
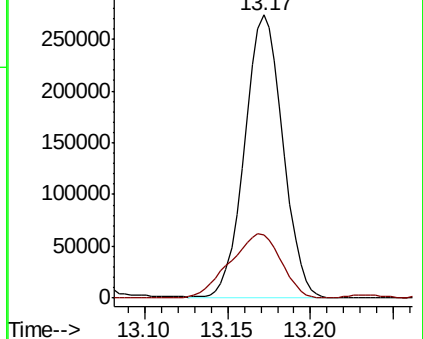
105 100

134 30.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.82 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051124.D

Acq: 11 Sep 2018 13:58

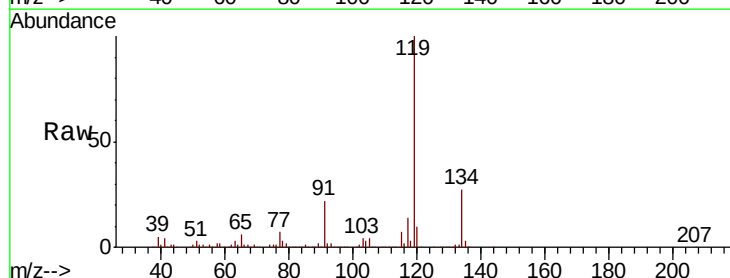
Tgt Ion:119 Resp: 287515

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

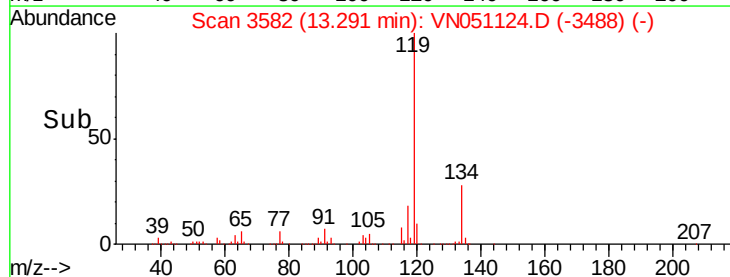
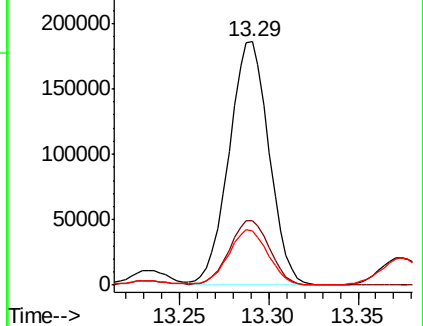
91 22.1 10.9 32.9

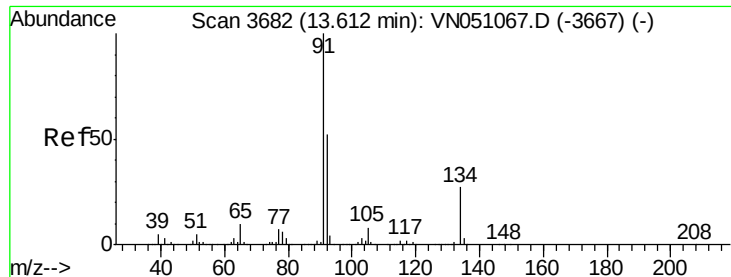


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 10.87 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051124.D

Acq: 11 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D

Tot Ion: 91 Resp: 224780

Ion Ratio Lower Upper

91 100

92 44.9 26.2 78.6

134 0.0 13.7 41.1#

