

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051118.D
 Acq On : 11 Sep 2018 11:30
 Operator : MD\SY
 Sample : J4849-01DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-ADL

Quant Time: Sep 12 09:20:21 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

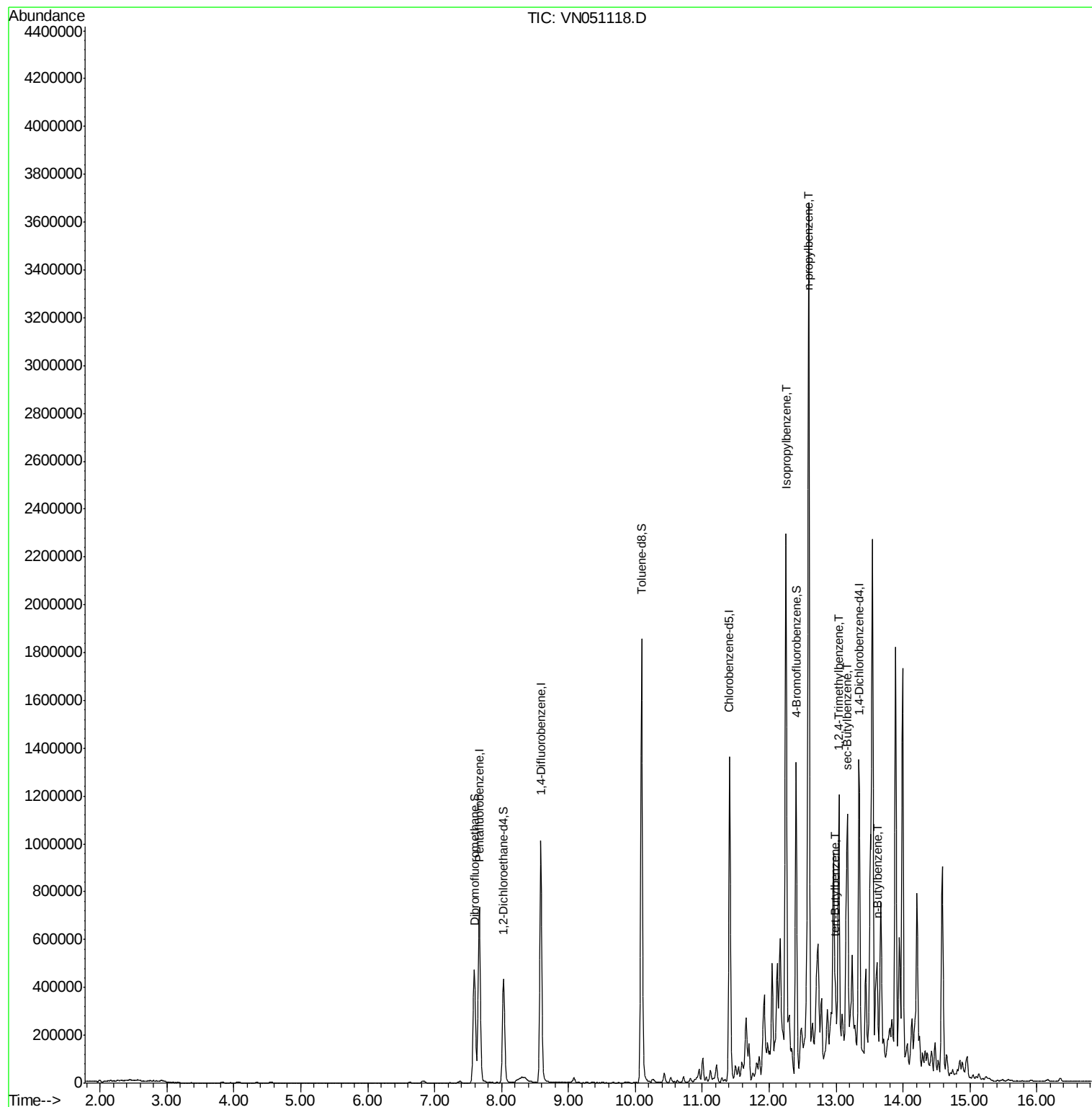
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	649248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	981639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	881499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	374111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	375868	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
35) Dibromofluoromethane	7.59	113	370117	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.09	98	1373190	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.40	95	449237	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
Target Compounds						
73) Isopropylbenzene	12.25	105	1498872	47.77	ug/l	Qvalue 100
78) n-propylbenzene	12.59	91	2954230	85.67	ug/l	99
83) tert-Butylbenzene	12.99	119	121128	5.41	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	590786	23.69	ug/l	100
85) sec-Butylbenzene	13.17	105	617080	21.49	ug/l #	76
89) n-Butylbenzene	13.61	91	249498	13.16	ug/l #	84

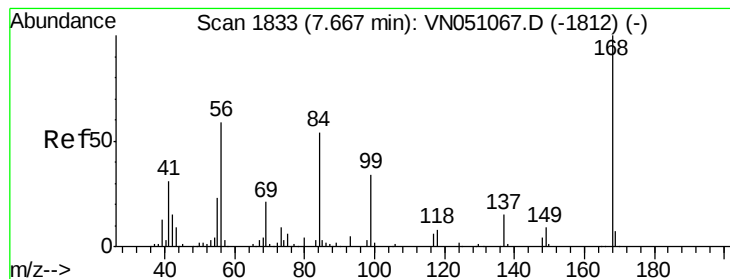
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1833

Delta R.T. 0.00 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

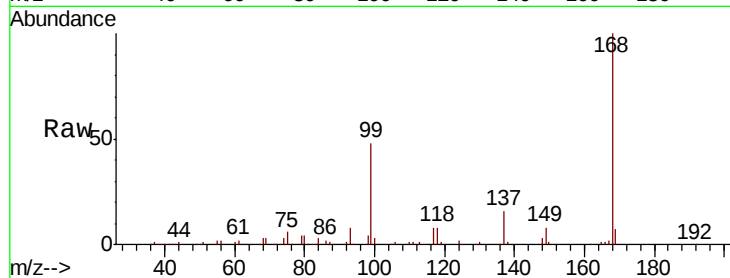
EP1-MW-ADL

Tot Ion:168 Resp: 649248

Ion Ratio Lower Upper

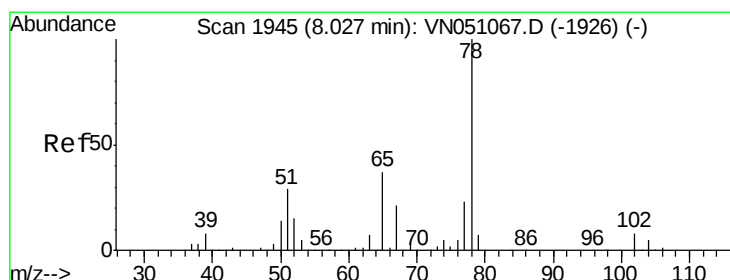
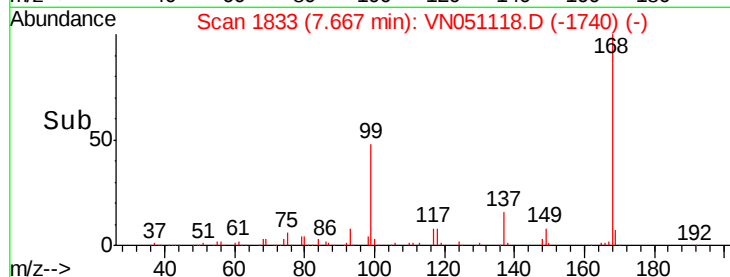
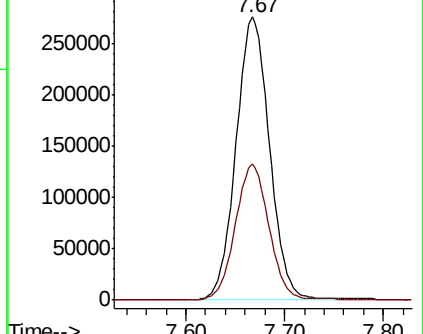
168 100

99 48.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 52.02 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051118.D

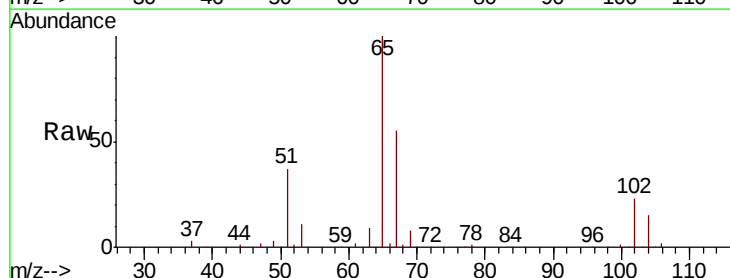
Acq: 11 Sep 2018 11:30

Tgt Ion: 65 Resp: 375868

Ion Ratio Lower Upper

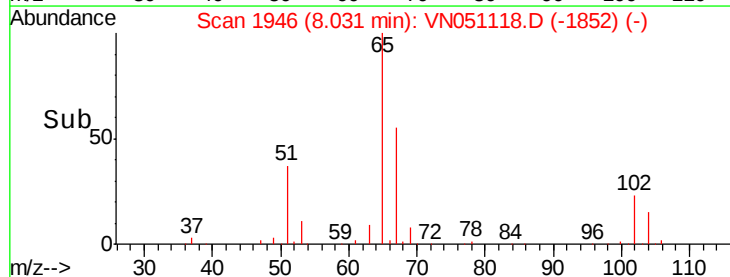
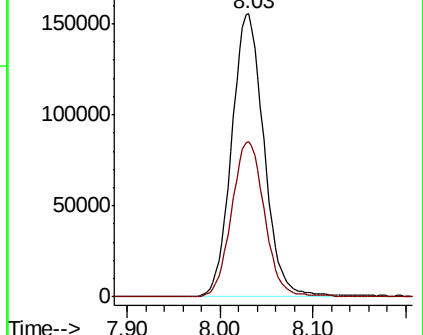
65 100

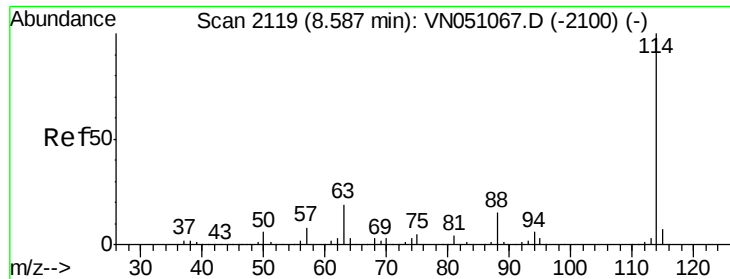
67 55.5 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-ADL

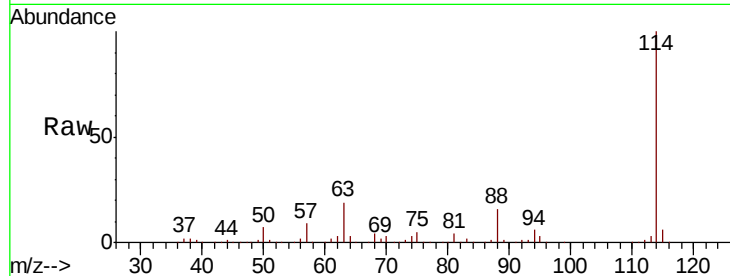
Tot Ion:114 Resp: 981639

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.8

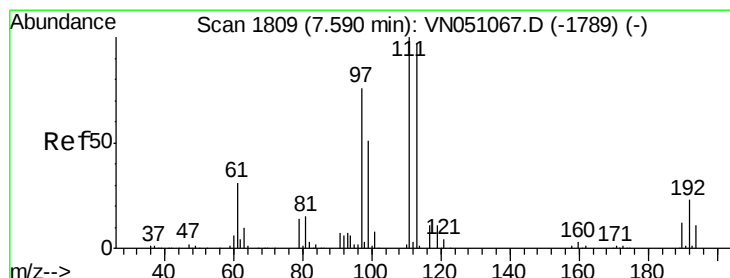
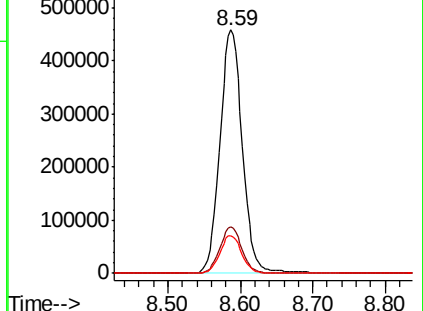
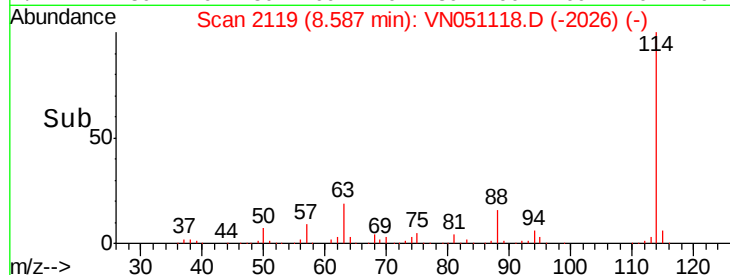
88 15.6 0.0 30.8



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: 50.18 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

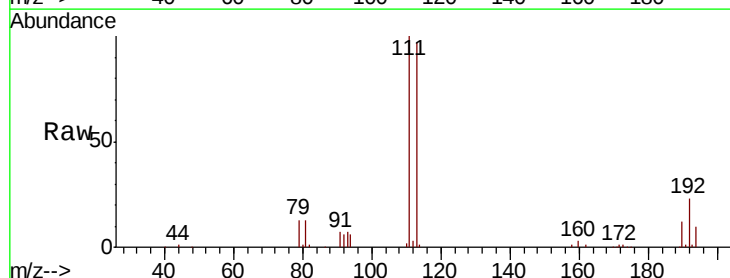
Tgt Ion:113 Resp: 370117

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.6

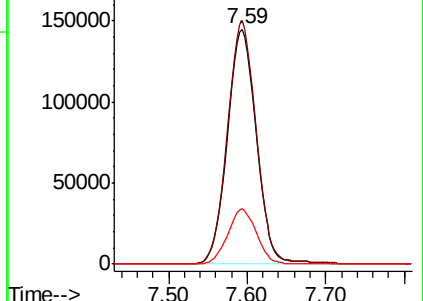
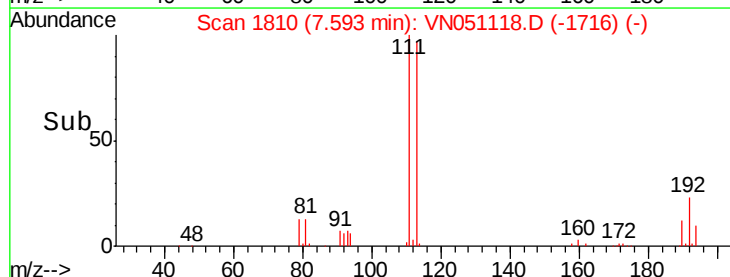
192 23.2 18.7 28.1

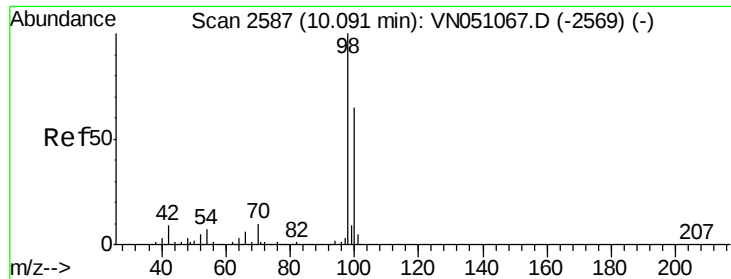


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.06 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

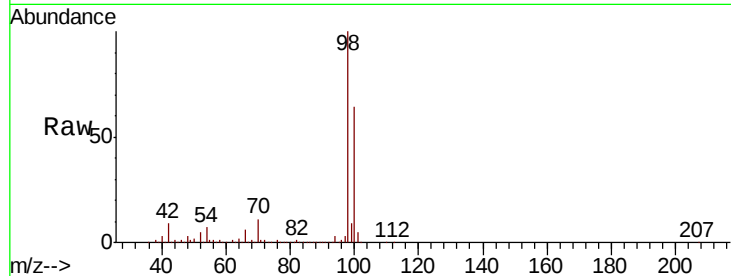
EP1-MW-ADL

Tot Ion: 98 Resp: 1373190

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051118.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN051118.D (-2494) (-)

10.09

800000

600000

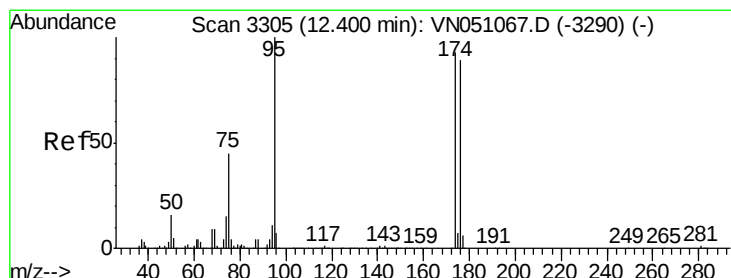
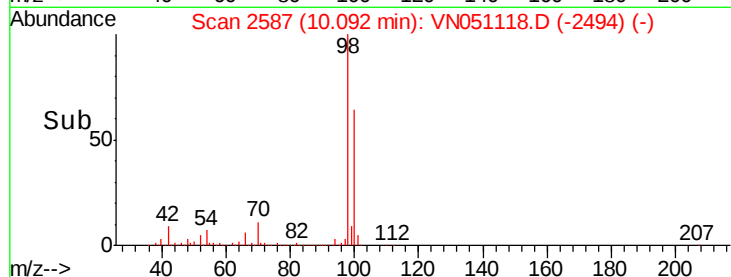
400000

200000

0

10.00 10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 48.52 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

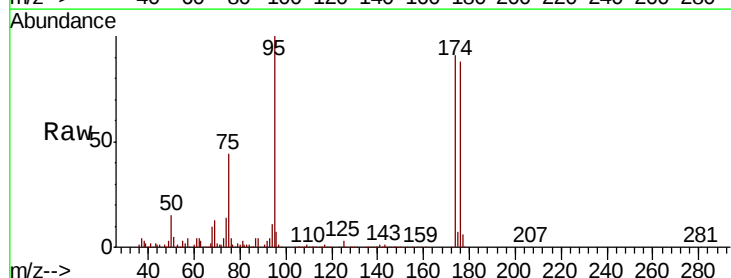
Tgt Ion: 95 Resp: 449237

Ion Ratio Lower Upper

95 100

174 91.2 0.0 184.8

176 89.0 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051118.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051118.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051118.D (-3212) (-)

12.40

300000

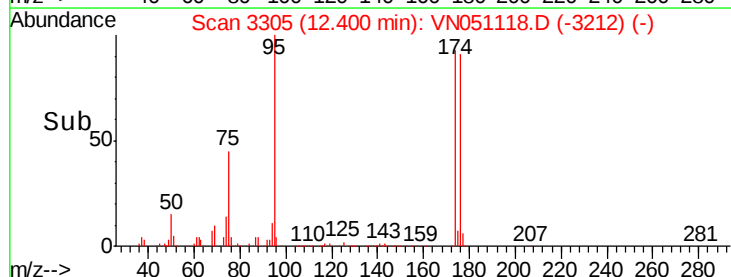
200000

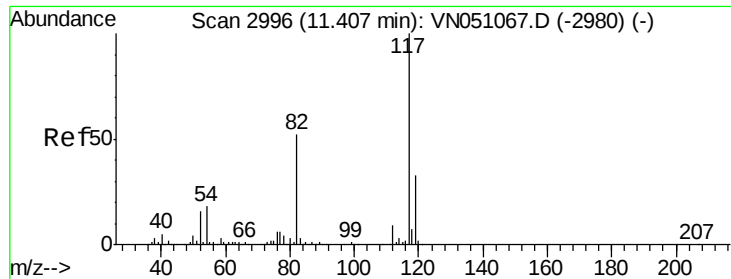
100000

0

12.35 12.40 12.45

Time-->

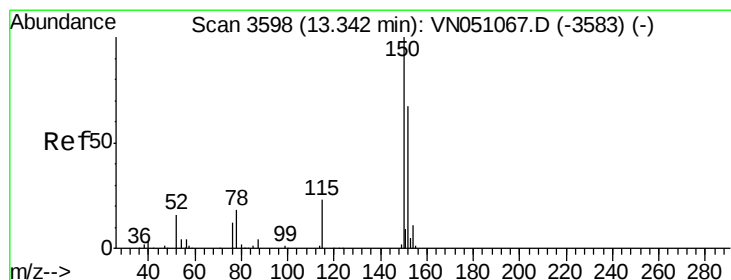
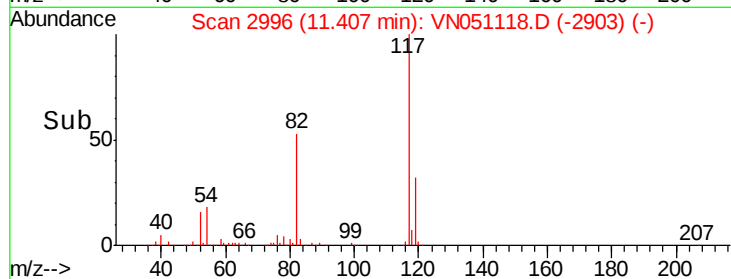
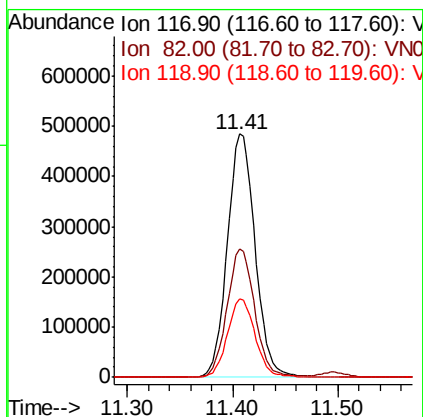
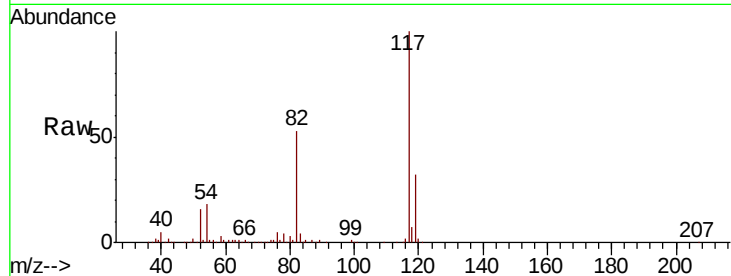




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051118.D
Acq: 11 Sep 2018 11:30

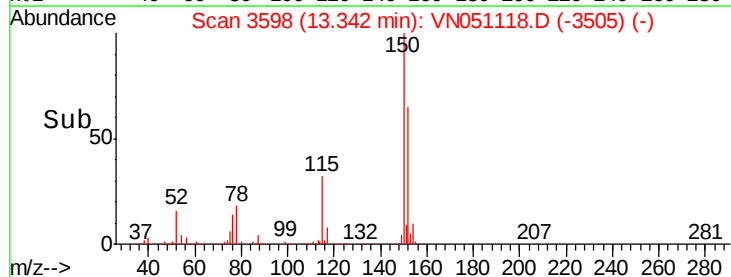
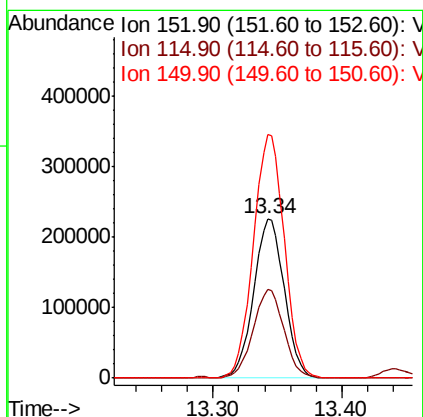
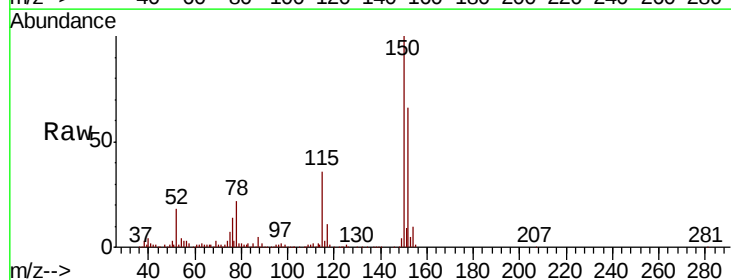
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-ADL

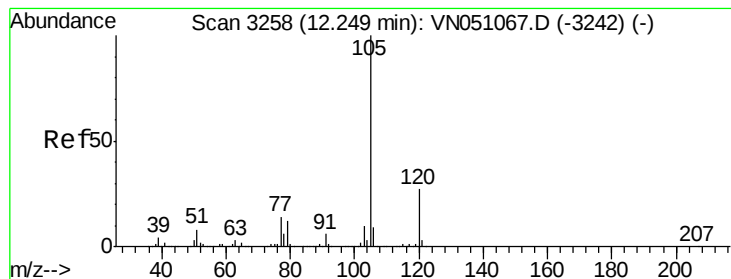
Tot Ion:117 Resp: 881499
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.6
119 32.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051118.D
Acq: 11 Sep 2018 11:30

Tgt Ion:152 Resp: 374111
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 154.6 0.0 349.0





#73

Isopropylbenzene

Concen: 47.77 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampled :

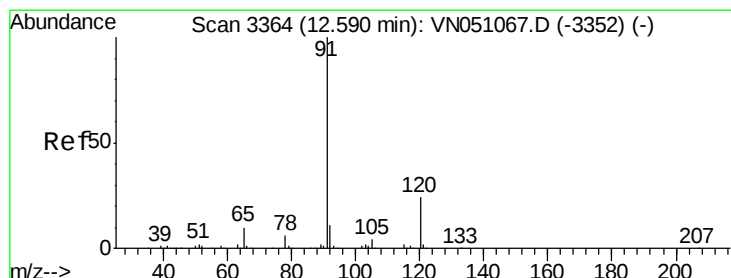
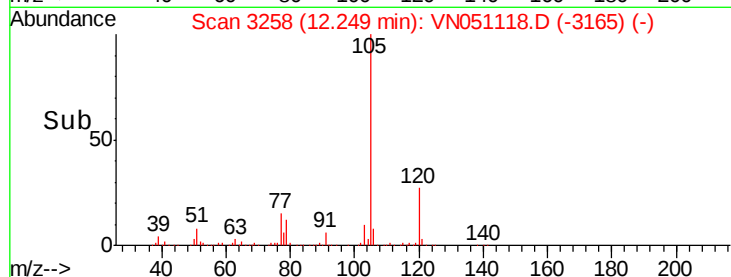
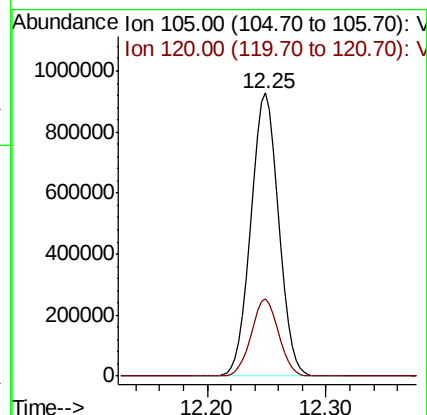
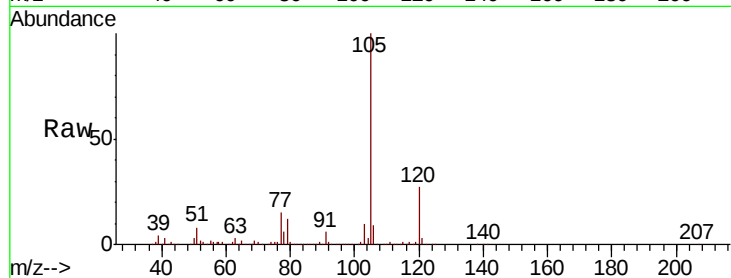
EP1-MW-ADL

Tot Ion:105 Resp: 1498872

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#78

n-propylbenzene

Concen: 85.67 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051118.D

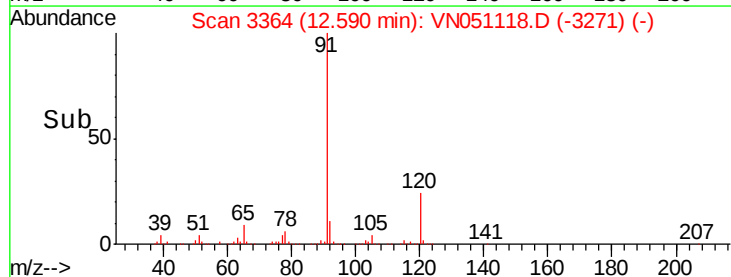
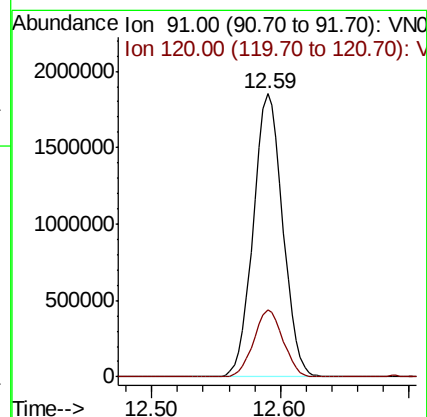
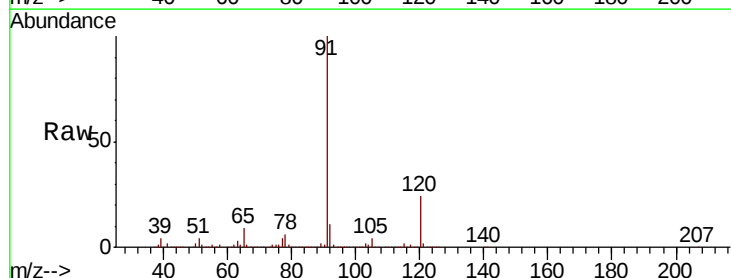
Acq: 11 Sep 2018 11:30

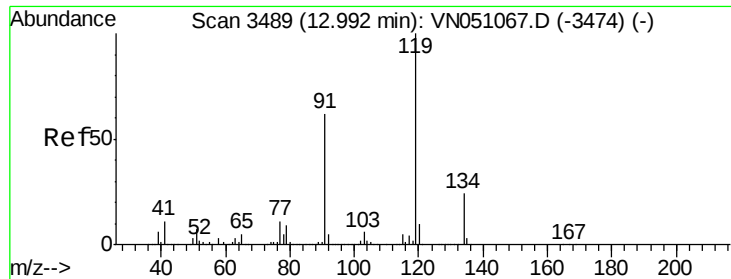
Tgt Ion: 91 Resp: 2954230

Ion Ratio Lower Upper

91 100

120 23.6 12.0 36.0

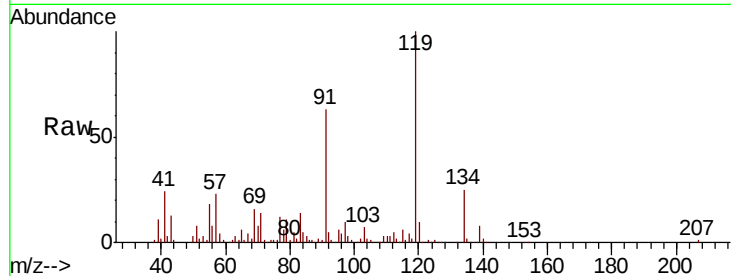




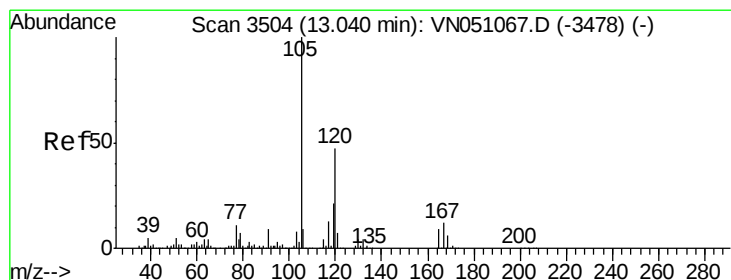
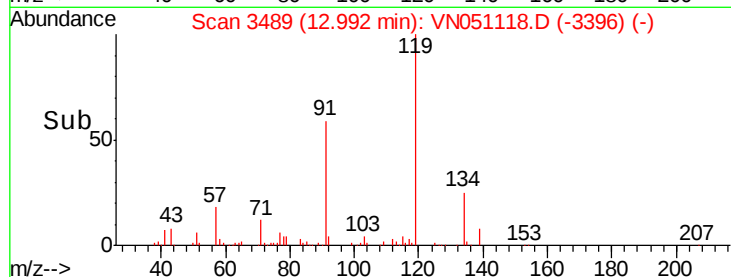
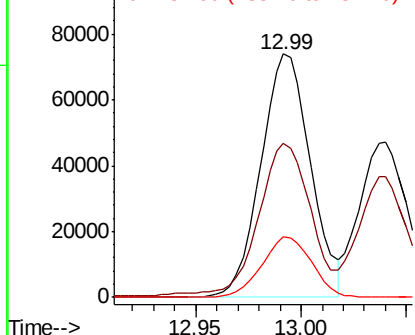
#83
tert-Butylbenzene
Concen: 5.41 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN051118.D
Acq: 11 Sep 2018 11:30

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-ADL

Tot Ion:119 Resp: 121128
Ion Ratio Lower Upper
119 100
91 65.6 30.8 92.3
134 24.8 13.2 39.6

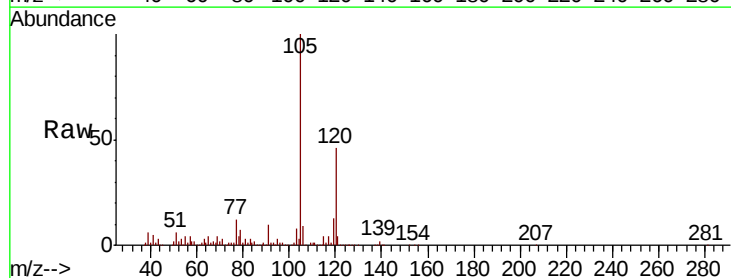


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

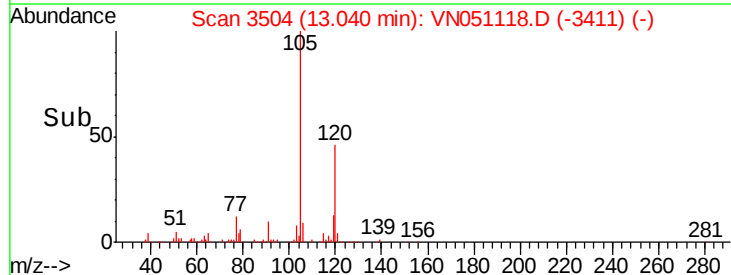
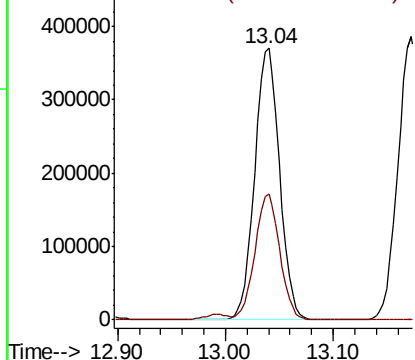


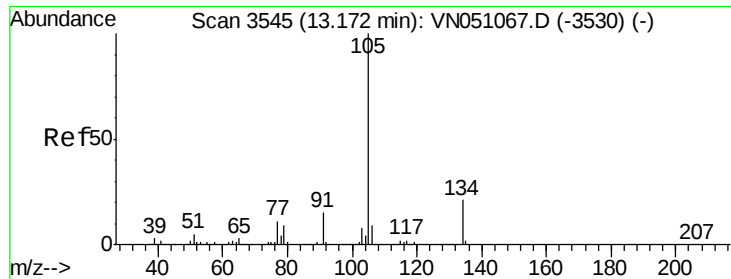
#84
1,2,4-Trimethylbenzene
Concen: 23.69 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051118.D
Acq: 11 Sep 2018 11:30

Tgt Ion:105 Resp: 590786
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8



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

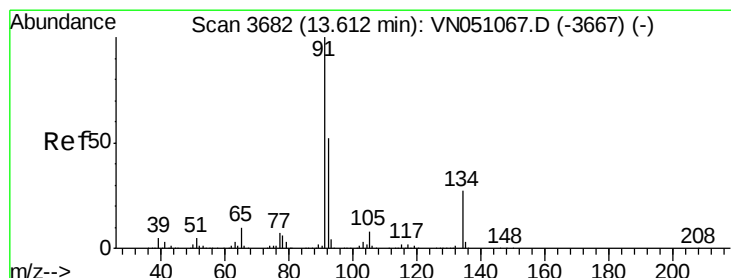
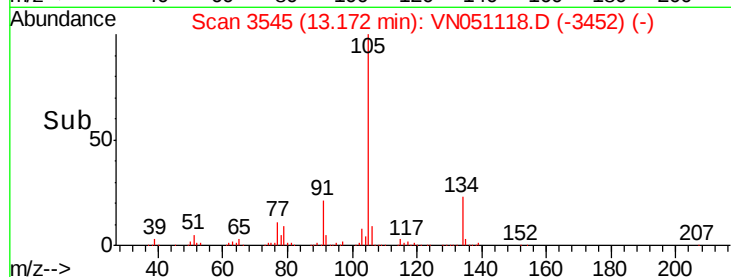
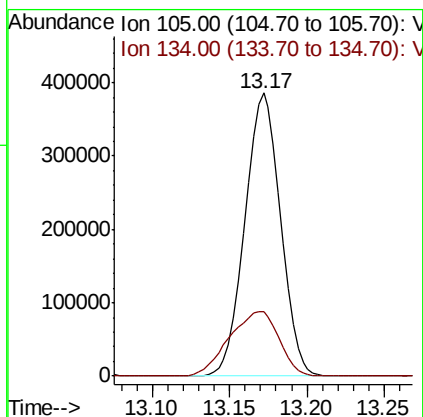
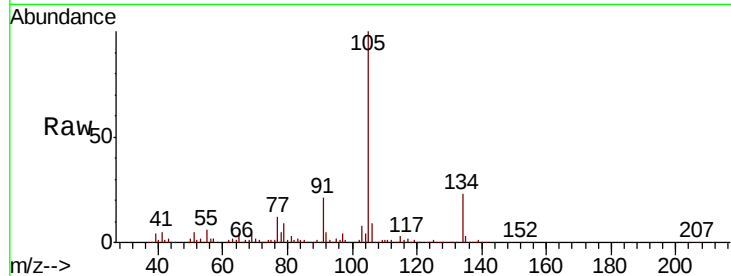




#85
 sec-Butylbenzene
 Concen: 21.49 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN051118.D
 Acq: 11 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-ADL

Tot Ion:105 Resp: 617080
 Ion Ratio Lower Upper
 105 100
 134 32.0 10.4 31.4#



#89
 n-Butylbenzene
 Concen: 13.16 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN051118.D
 Acq: 11 Sep 2018 11:30

Tgt Ion: 91 Resp: 249498
 Ion Ratio Lower Upper
 91 100
 92 47.3 26.2 78.6
 134 44.5 13.7 41.1#

