

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051126.D
 Acq On : 11 Sep 2018 14:47
 Operator : MD\SY
 Sample : J4849-04DL 25X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DDL

Quant Time: Sep 12 09:36:39 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

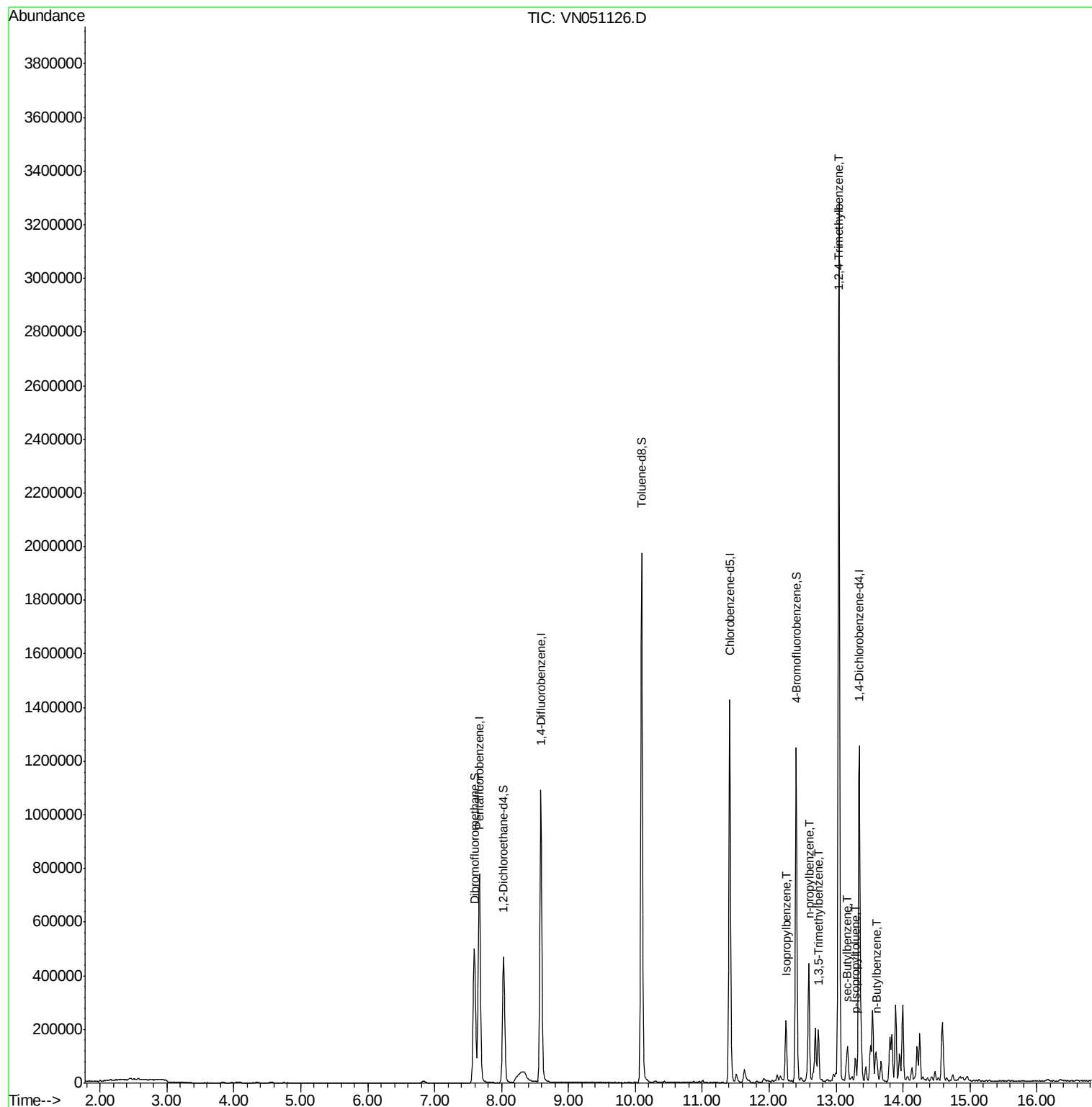
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	693004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1054948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	908474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	365804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	396915	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	7.59	113	391346	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
50) Toluene-d8	10.09	98	1456117	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	12.40	95	441992	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	
Target Compounds						
73) Isopropylbenzene	12.25	105	150021	4.89	ug/l	Qvalue 100
78) n-propylbenzene	12.59	91	356024	10.56	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	96896	3.91	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1919702	78.72	ug/l	100
85) sec-Butylbenzene	13.17	105	84623	3.01	ug/l	80
86) p-Isopropyltoluene	13.29	119	49004	2.06	ug/l	99
89) n-Butylbenzene	13.61	91	41161	2.22	ug/l #	75

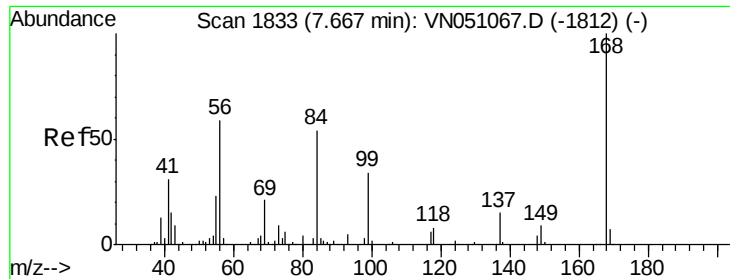
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 12 09:36:39 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# 1833

Delta R.T. -0.00 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

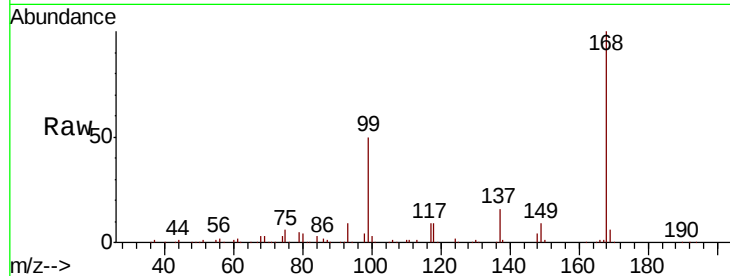
EP1-MW-DDL

Tot Ion:168 Resp: 693004

Ion Ratio Lower Upper

168 100

99 49.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

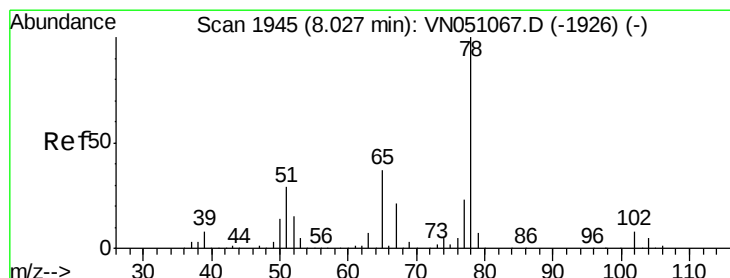
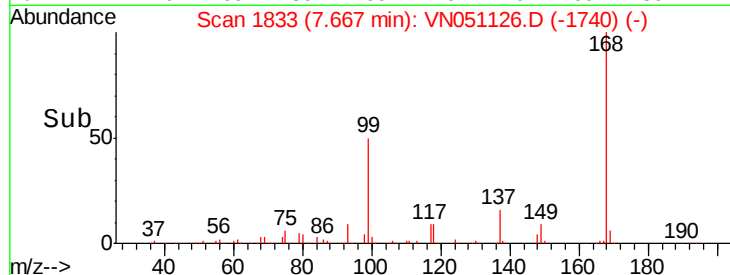
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.47 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051126.D

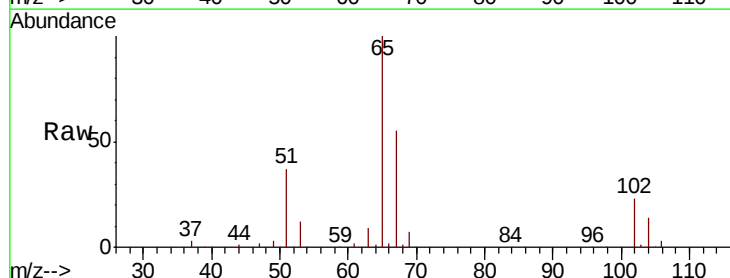
Acq: 11 Sep 2018 14:47

Tgt Ion: 65 Resp: 396915

Ion Ratio Lower Upper

65 100

67 55.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

200000

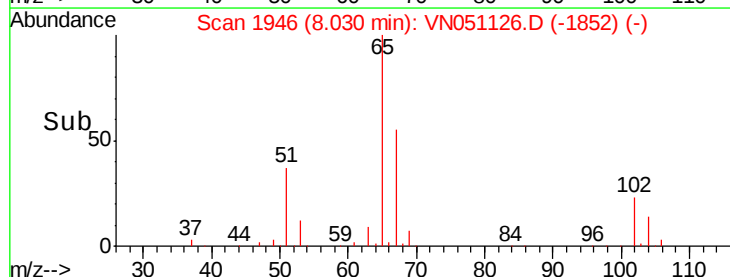
150000

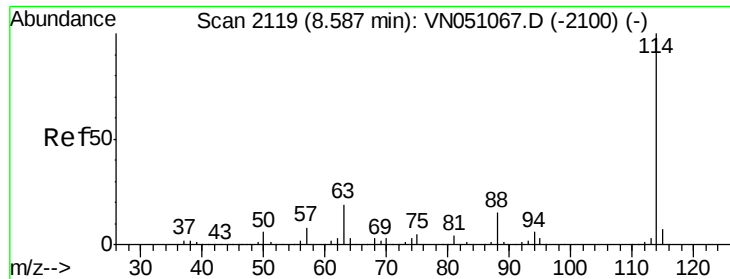
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50000

0

Time-->

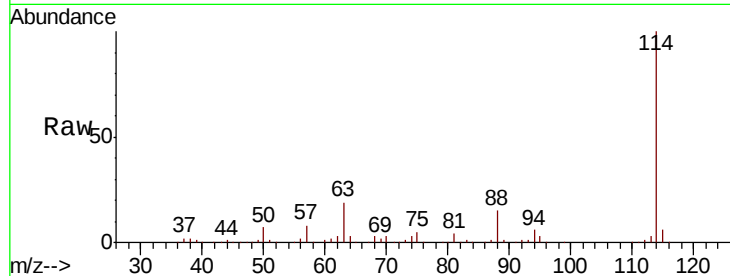




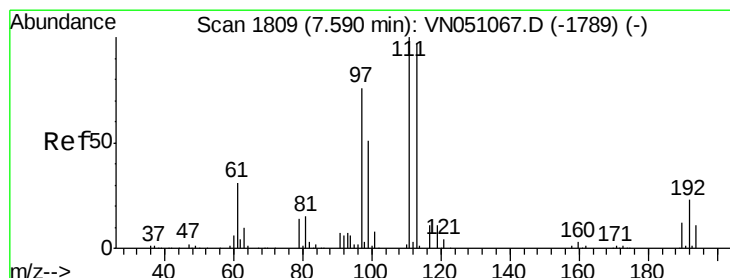
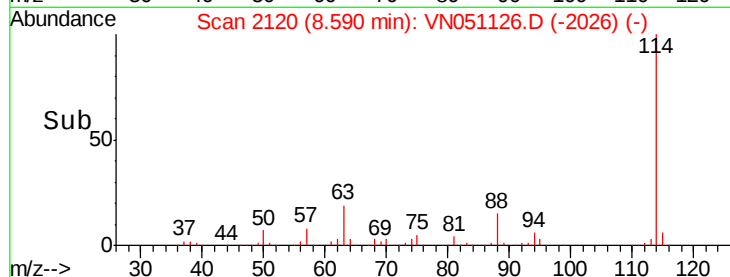
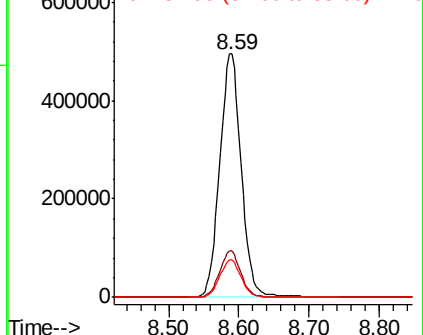
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. 0.00 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DDL

Tot Ion:114 Resp: 1054948
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.8
88 15.3 0.0 30.8

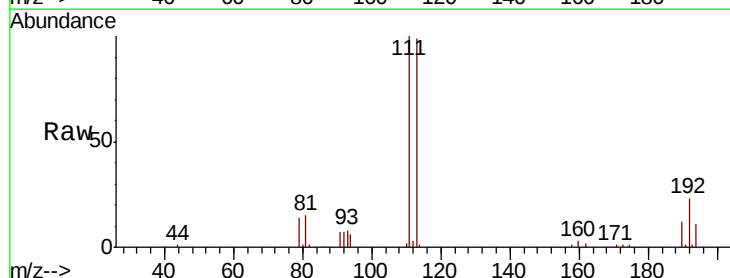


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

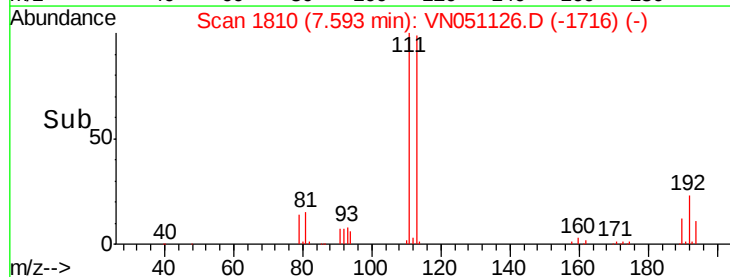
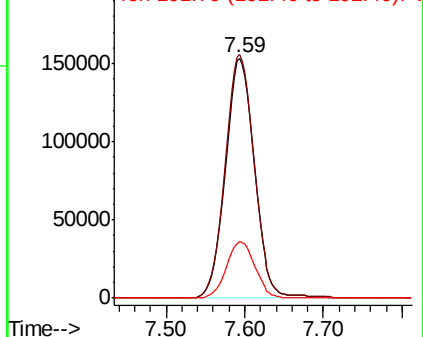


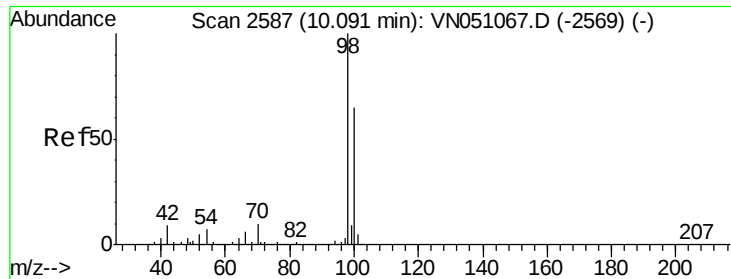
#35
Dibromofluoromethane
Concen: 49.37 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

Tgt Ion:113 Resp: 391346
Ion Ratio Lower Upper
113 100
111 101.8 83.0 124.6
192 23.3 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: 48.41 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

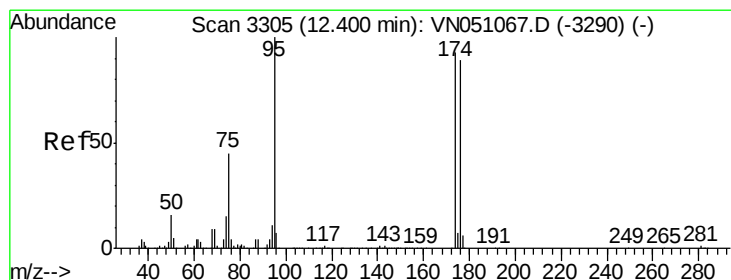
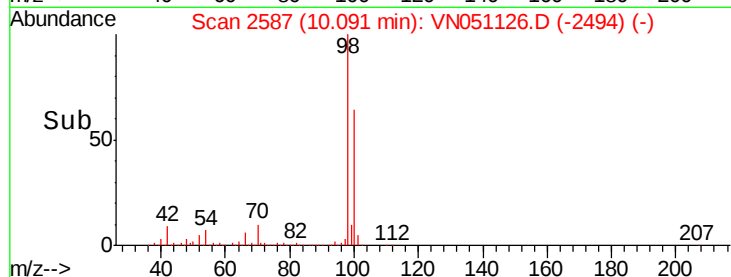
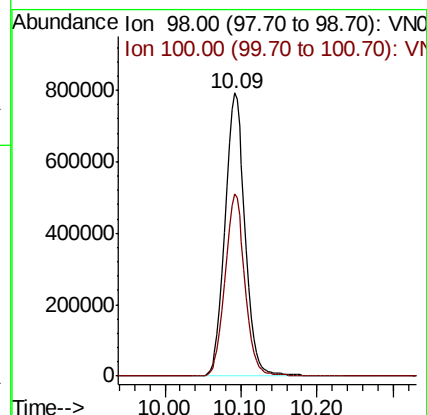
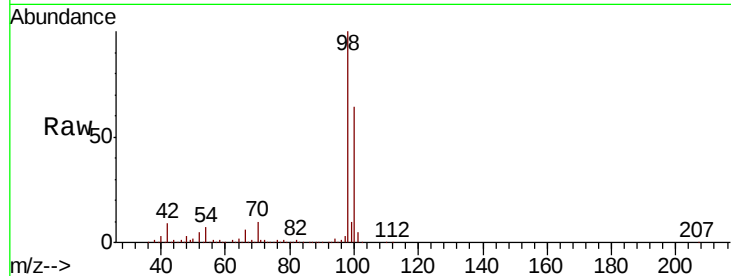
EP1-MW-DDL

Tot Ion: 98 Resp: 1456117

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.42 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

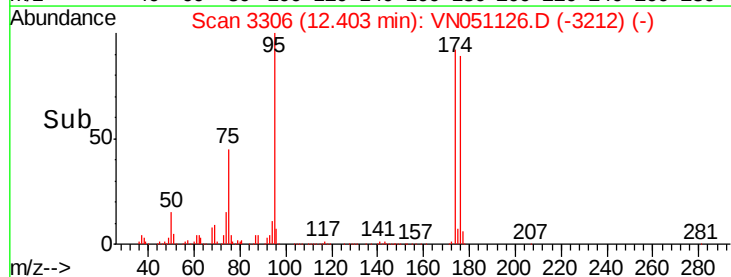
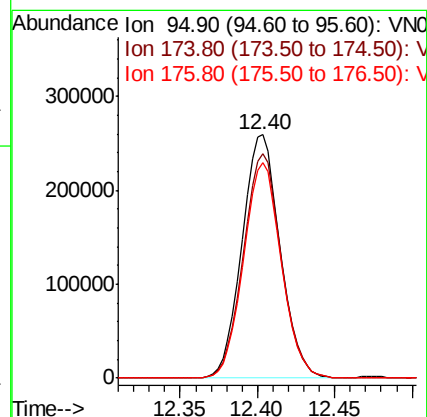
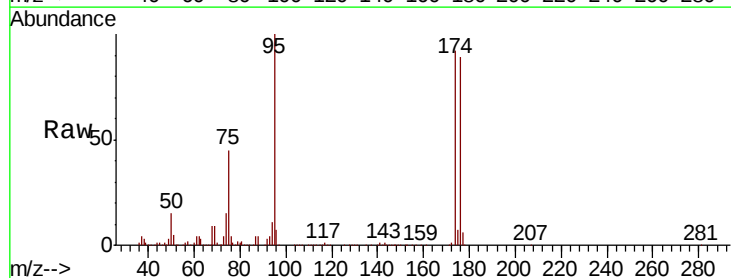
Tgt Ion: 95 Resp: 441992

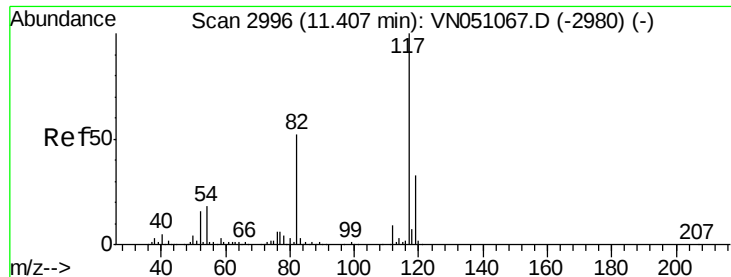
Ion Ratio Lower Upper

95 100

174 92.3 0.0 184.8

176 88.4 0.0 178.6

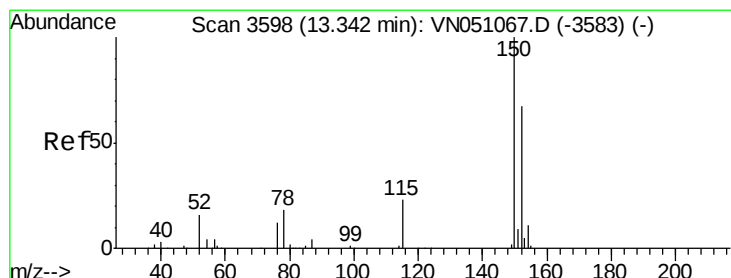
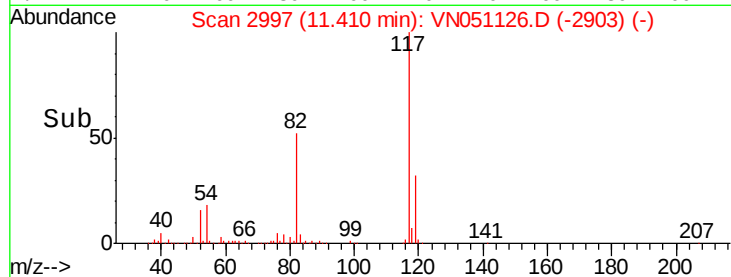
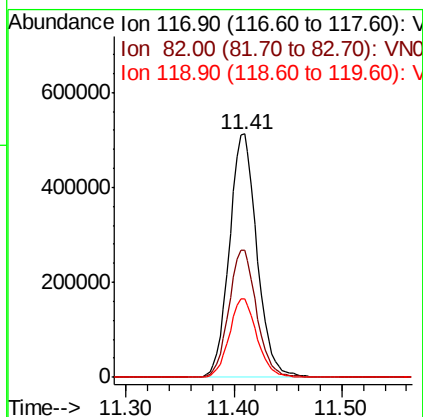
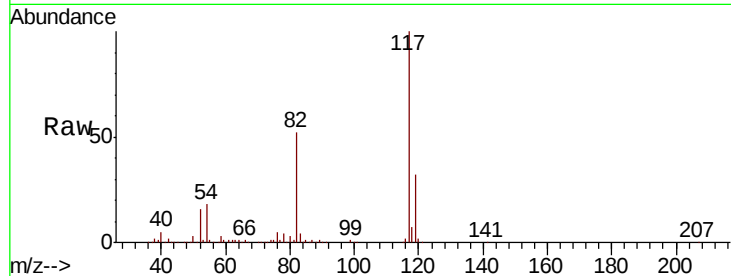




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

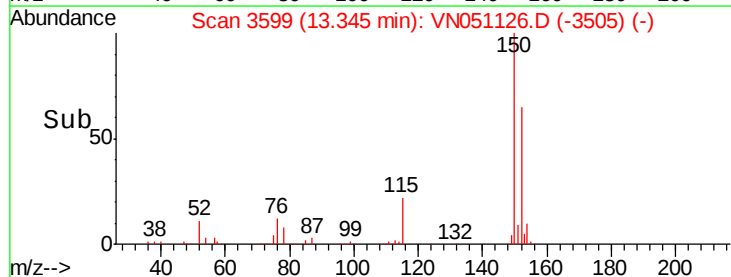
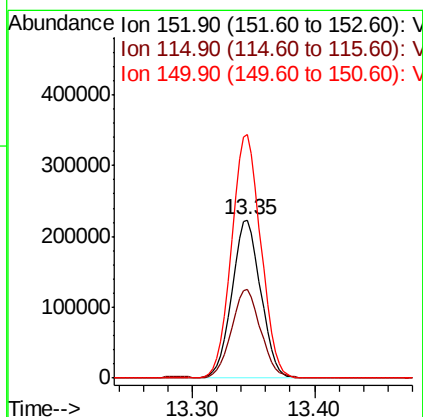
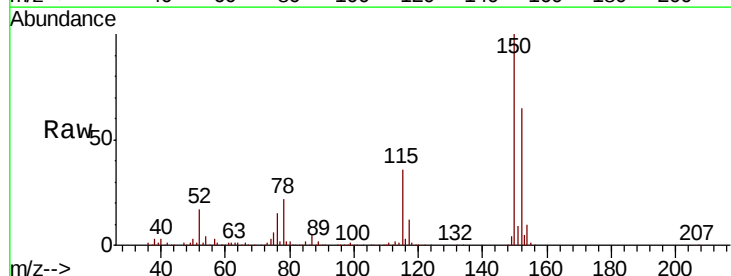
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DDL

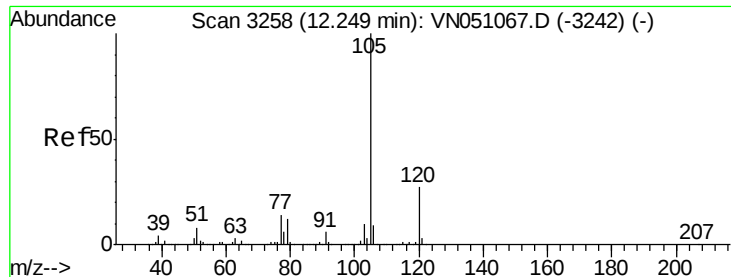
Tot Ion:117 Resp: 908474
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.6
119 32.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

Tgt Ion:152 Resp: 365804
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 156.8 0.0 349.0





#73

Isopropylbenzene

Concen: 4.89 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

Instrument :

MSVOA_N

ClientSampled :

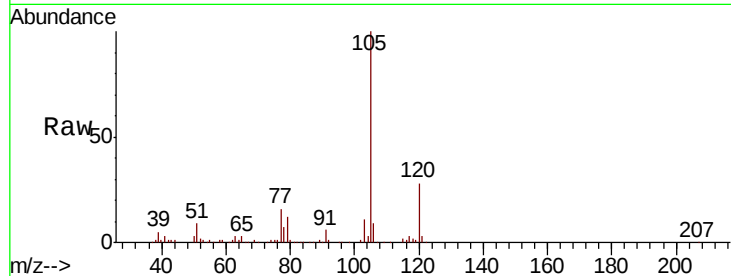
EP1-MW-DDL

Tot Ion:105 Resp: 150021

Ion Ratio Lower Upper

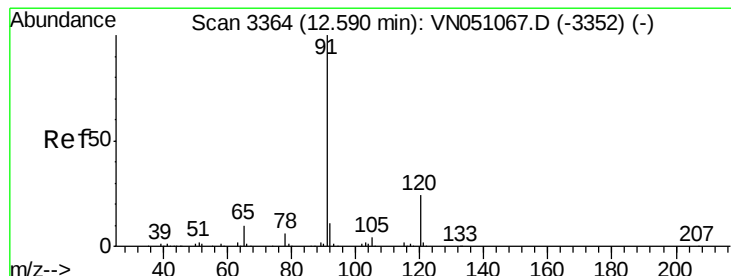
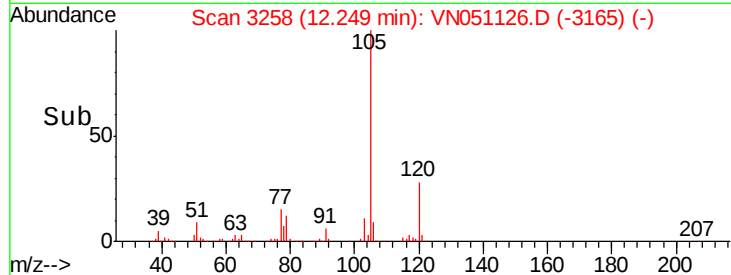
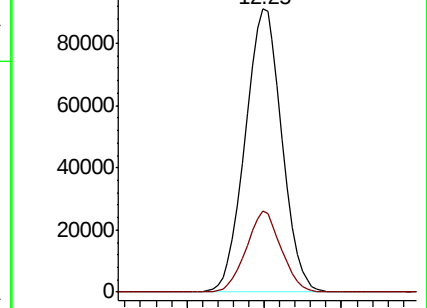
105 100

120 27.3 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: 10.56 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051126.D

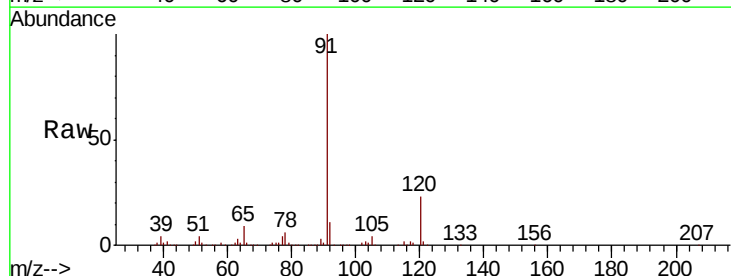
Acq: 11 Sep 2018 14:47

Tgt Ion: 91 Resp: 356024

Ion Ratio Lower Upper

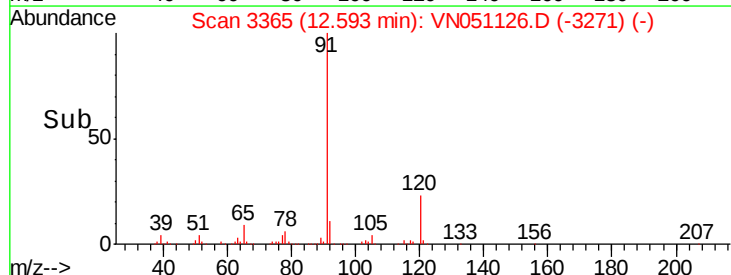
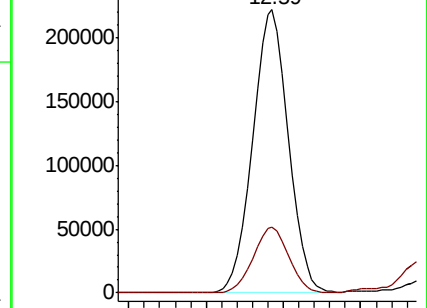
91 100

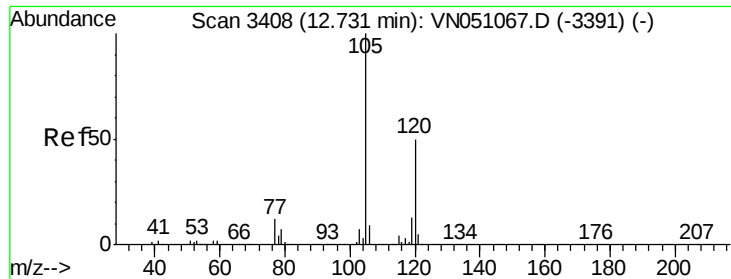
120 23.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

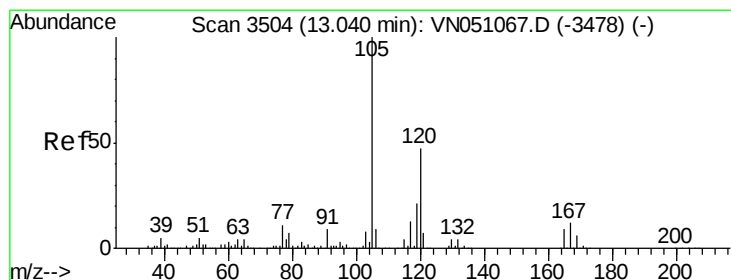
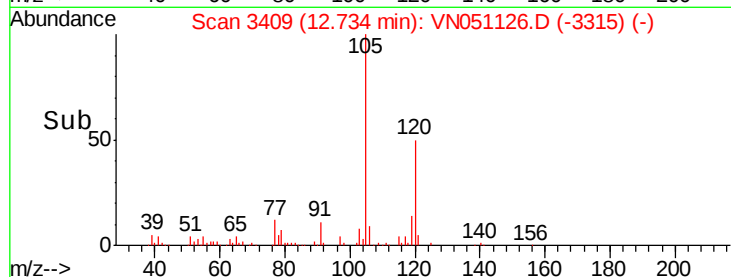
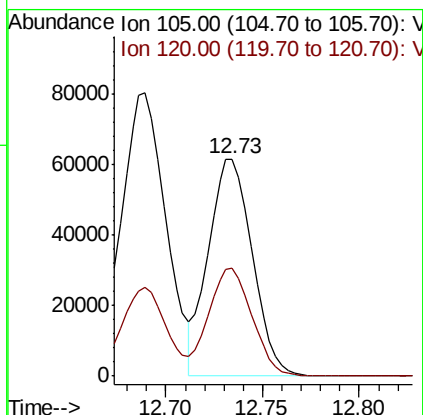
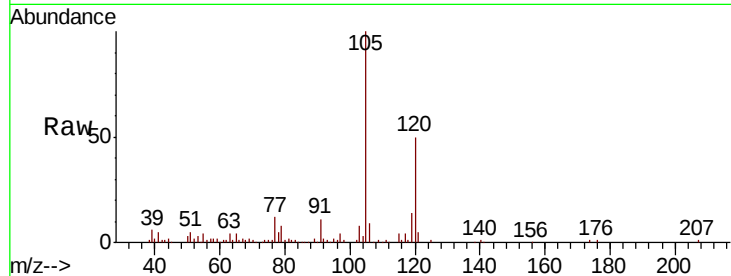




#80
 1,3,5-Trimethylbenzene
 Concen: 3.91 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN051126.D
 Acq: 11 Sep 2018 14:47

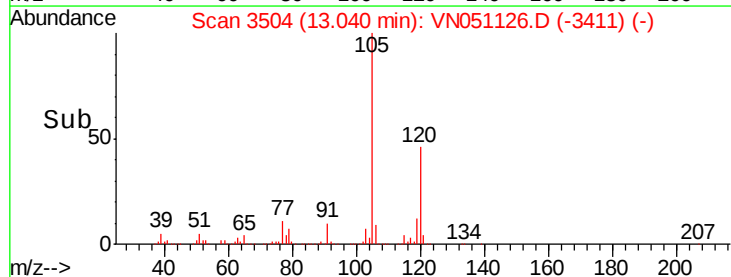
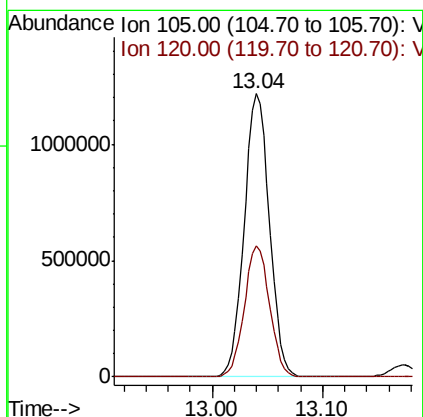
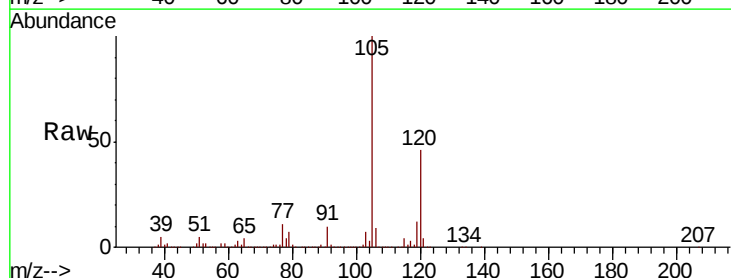
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-DDL

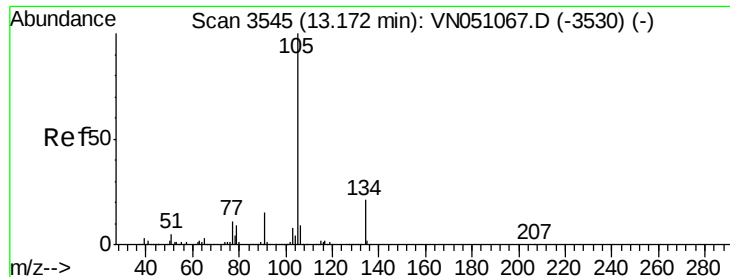
Tot Ion:105 Resp: 96896
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.9 74.6



#84
 1,2,4-Trimethylbenzene
 Concen: 78.72 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051126.D
 Acq: 11 Sep 2018 14:47

Tgt Ion:105 Resp: 1919702
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.3 69.8





#85

sec-Butylbenzene

Concen: 3.01 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

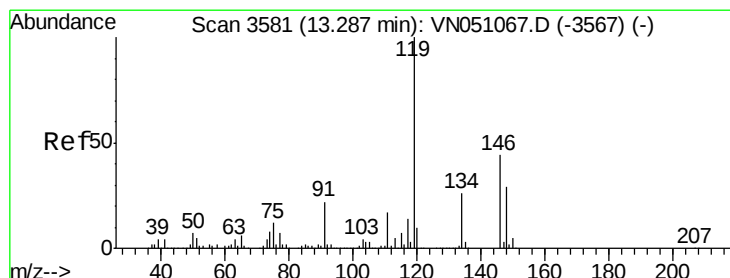
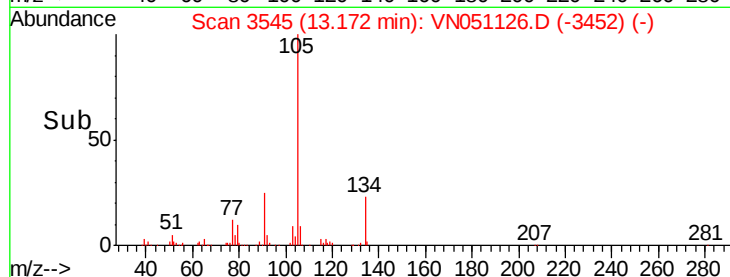
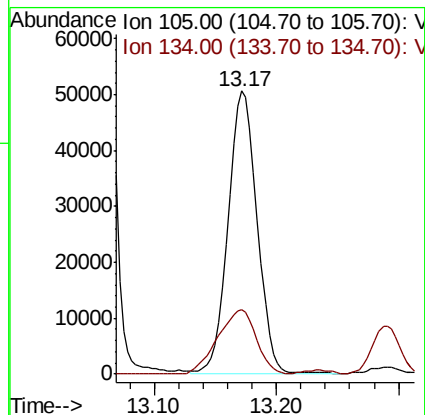
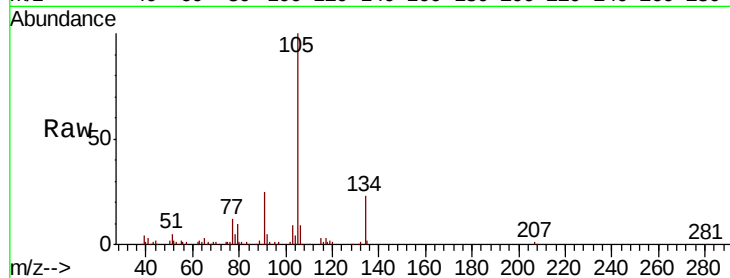
EP1-MW-DDL

Tot Ion:105 Resp: 84623

Ion Ratio Lower Upper

105 100

134 30.1 10.4 31.4



#86

p-Isopropyltoluene

Concen: 2.06 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

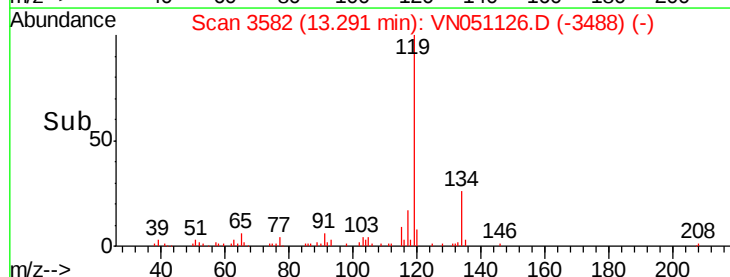
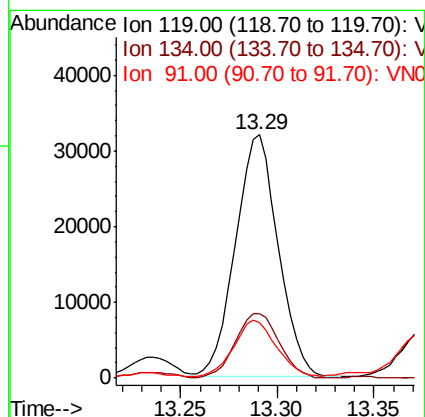
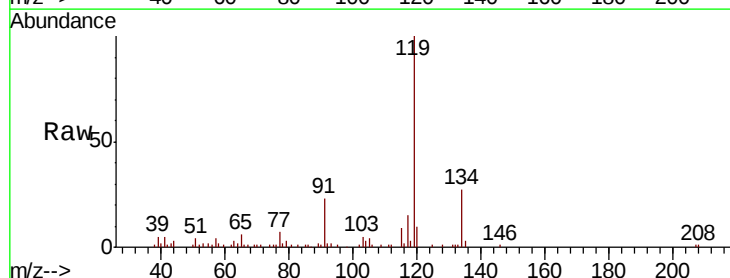
Tgt Ion:119 Resp: 49004

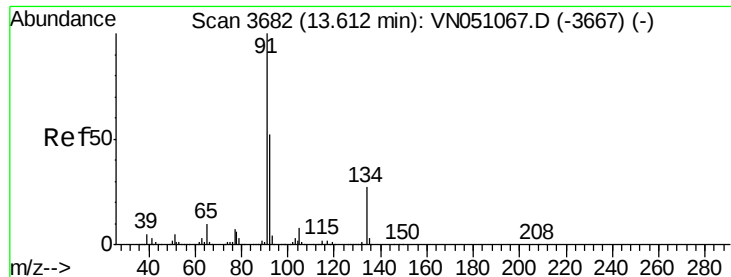
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

91 23.0 10.9 32.9





#89
 n-Butylbenzene
 Concen: 2.22 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN051126.D
 Acq: 11 Sep 2018 14:47

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DDL

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	44.6	26.2	78.6	
134	0.0	13.7	41.1#	

