

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051789.D
 Acq On : 10 Oct 2018 14:30
 Operator : MD\SY
 Sample : J5165-20 10X
 Misc : 5.25µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 28

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

Quant Time: Oct 11 15:36:56 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

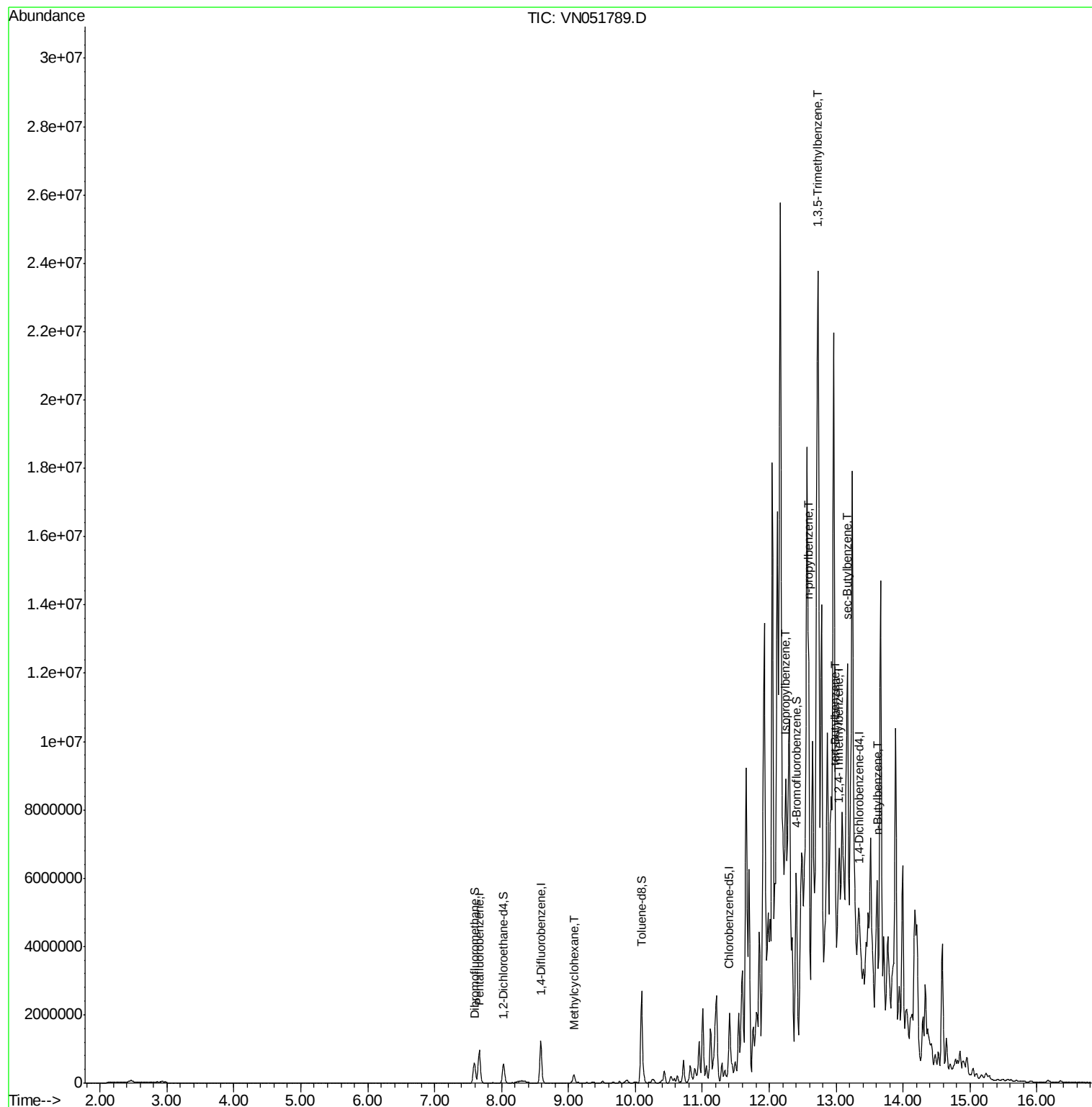
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	831817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1185664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1131771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	788151	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	469956	42.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.54%	
35) Dibromofluoromethane	7.59	113	440426	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
50) Toluene-d8	10.09	98	1729454	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.40	95	1091333	90.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	180.30%	
Target Compounds						
39) Methylcyclohexane	9.08	83	114941	7.388	ug/l	98
73) Isopropylbenzene	12.25	105	2377535	35.388	ug/l	100
78) n-propylbenzene	12.59	91	7535030	102.826	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	69774	1.232	ug/l #	28
83) tert-Butylbenzene	12.99	119	424016	8.358	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	404097	7.125	ug/l	97
85) sec-Butylbenzene	13.17	105	3513928	52.361	ug/l #	64
89) n-Butylbenzene	13.61	91	2109577	44.847	ug/l #	87

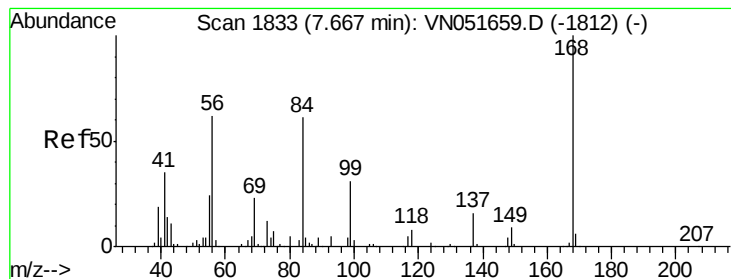
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampleId :

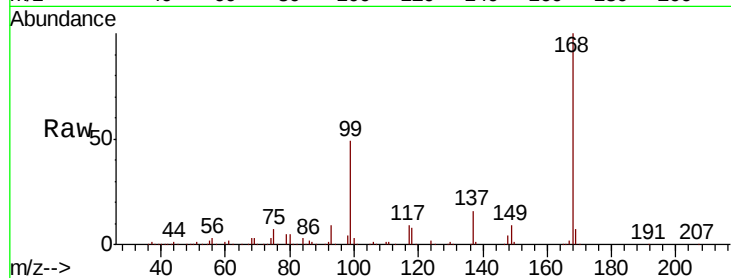
EP1-MW-C(8-12)

Tot Ion:168 Resp: 831817

Ion Ratio Lower Upper

168 100

99 49.2 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

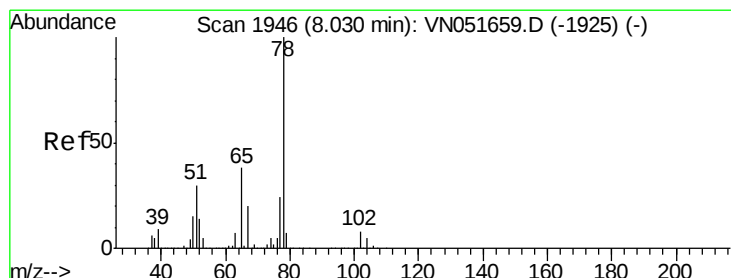
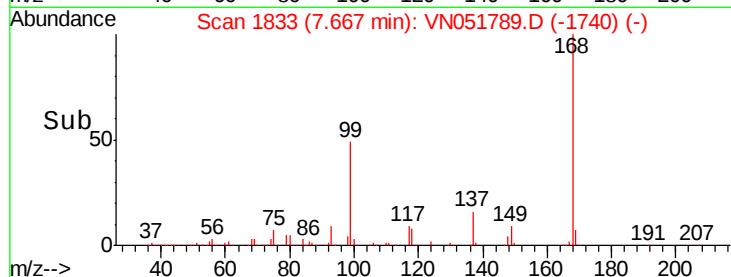
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051789.D

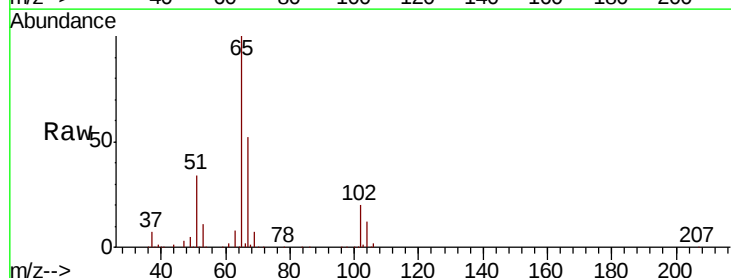
Acq: 10 Oct 2018 14:30

Tgt Ion: 65 Resp: 469956

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

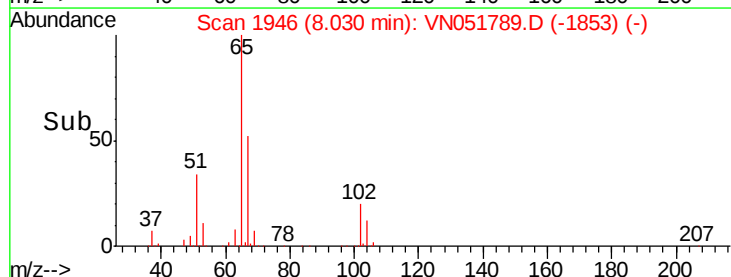
150000

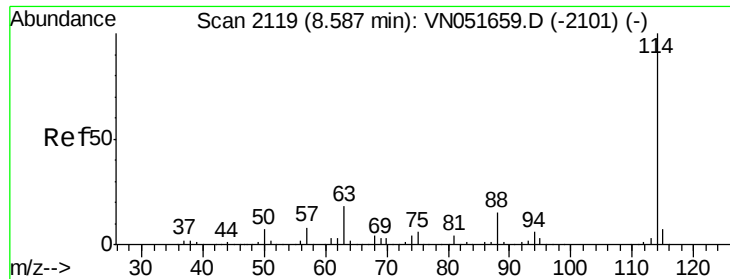
100000

50000

0

Time-->



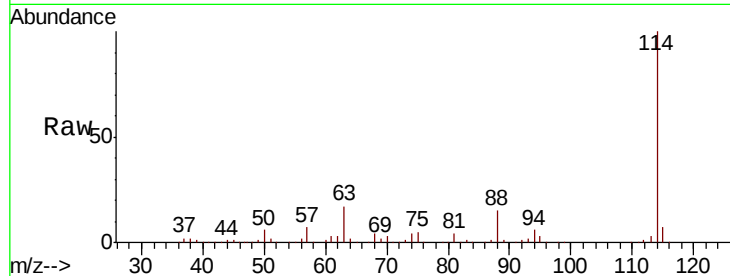


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051789.D
 Acq: 10 Oct 2018 14:30

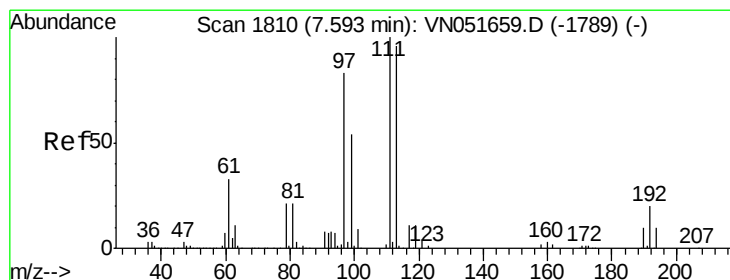
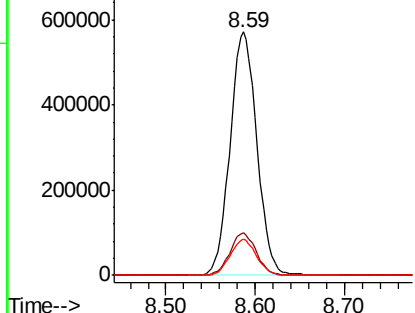
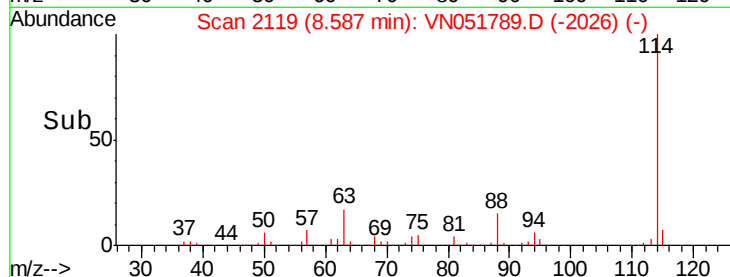
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(8-12)

Tot Ion:114 Resp: 1185664

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	36.2
88	14.7	0.0	30.2



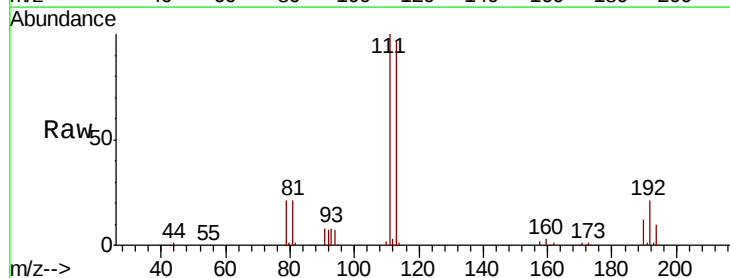
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



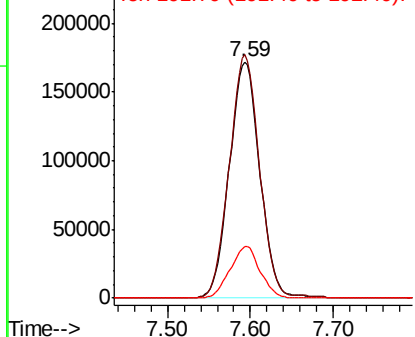
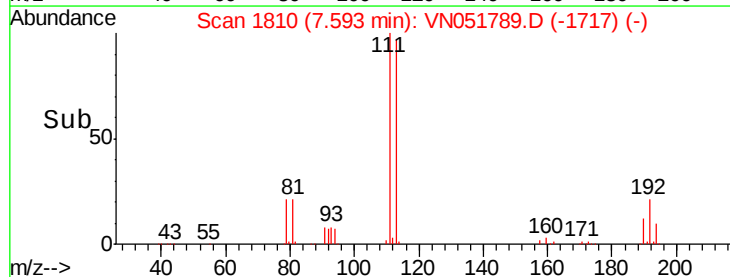
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051789.D
 Acq: 10 Oct 2018 14:30

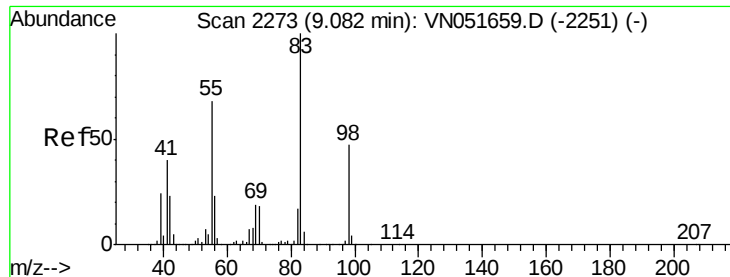
Tgt Ion:113 Resp: 440426

Ion	Ratio	Lower	Upper
113	100		
111	102.0	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

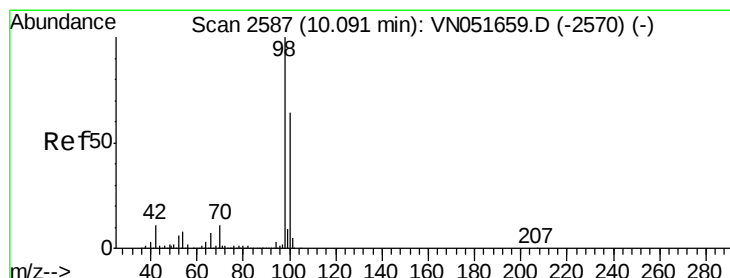
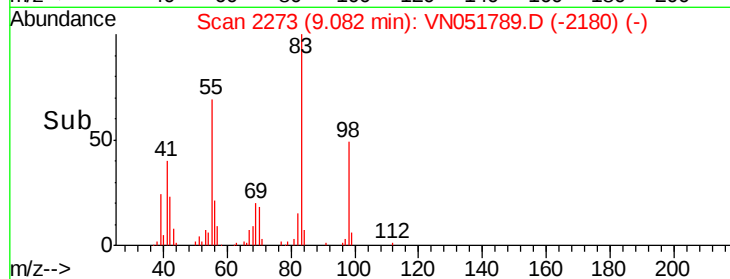
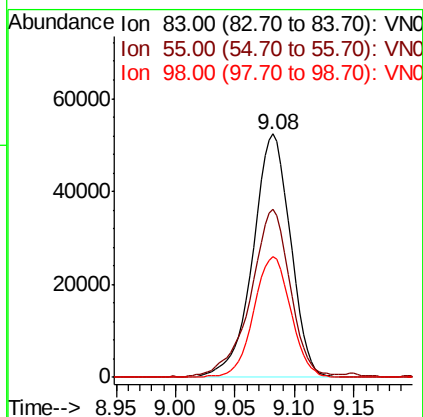
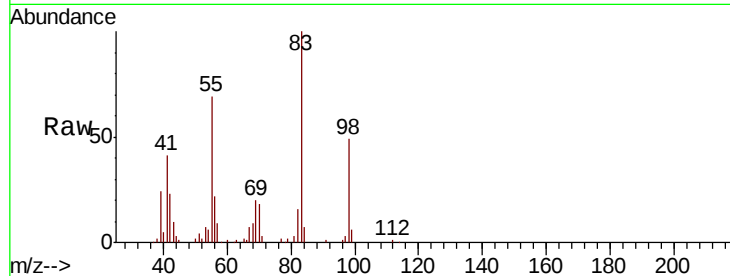




#39
Methvlcvclohexane
Concen: 7.388 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051789.D
Acq: 10 Oct 2018 14:30

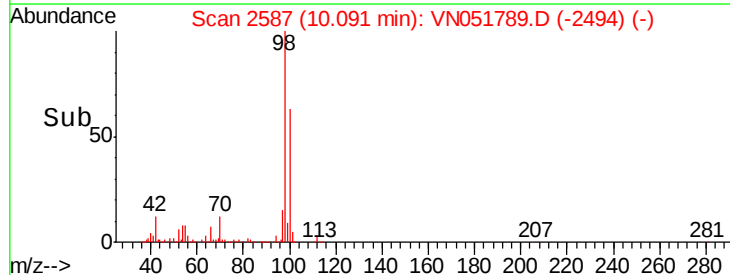
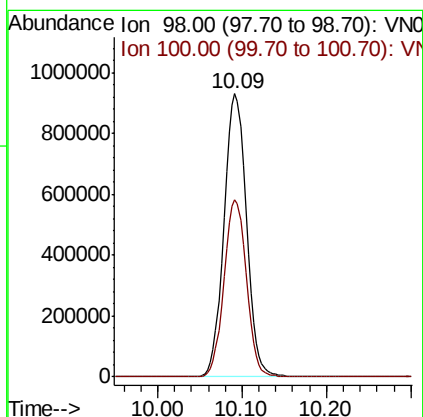
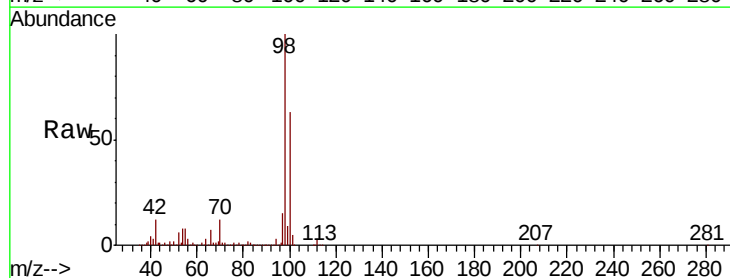
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(8-12)

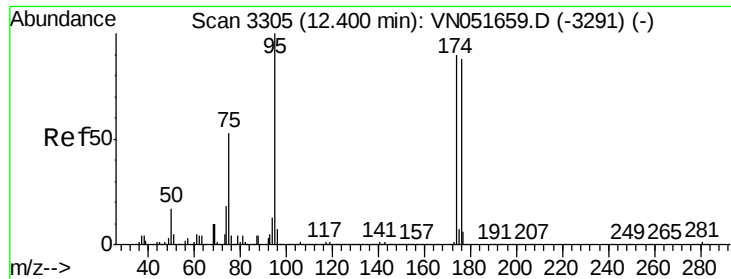
Tot Ion: 83 Resp: 114941
Ion Ratio Lower Upper
83 100
55 68.4 54.3 81.5
98 49.4 37.4 56.2



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051789.D
Acq: 10 Oct 2018 14:30

Tgt Ion: 98 Resp: 1729454
Ion Ratio Lower Upper
98 100
100 62.1 51.5 77.3





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(8-12)

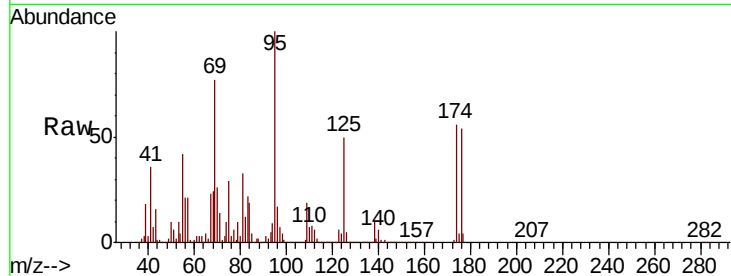
Tot Ion: 95 Resp: 1091333

Ion Ratio Lower Upper

95 100

174 58.2 0.0 182.8

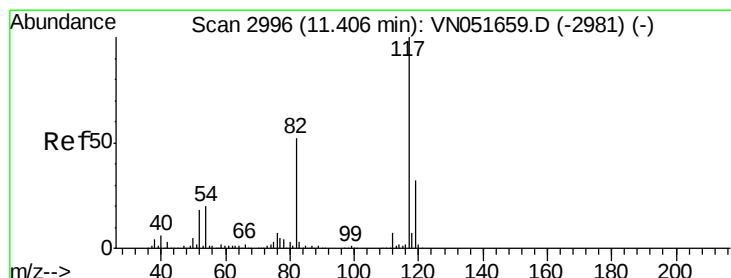
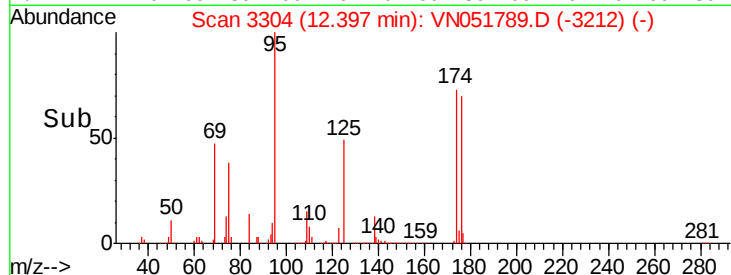
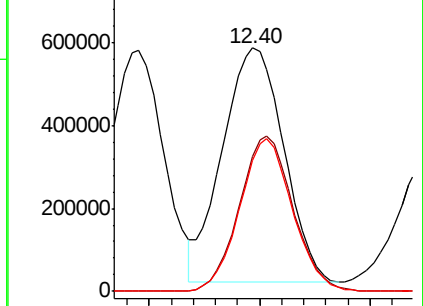
176 56.3 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051659.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051659.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051659.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

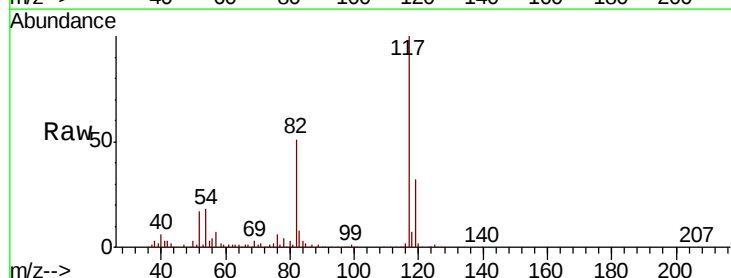
Tgt Ion: 117 Resp: 1131771

Ion Ratio Lower Upper

117 100

82 47.6 41.3 61.9

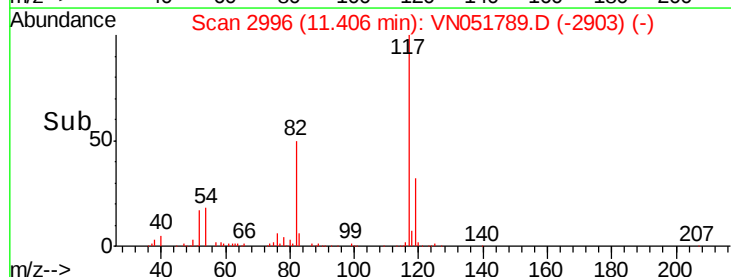
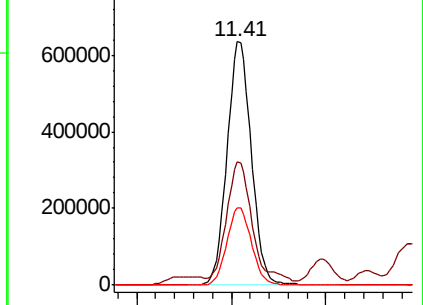
119 32.0 25.9 38.9

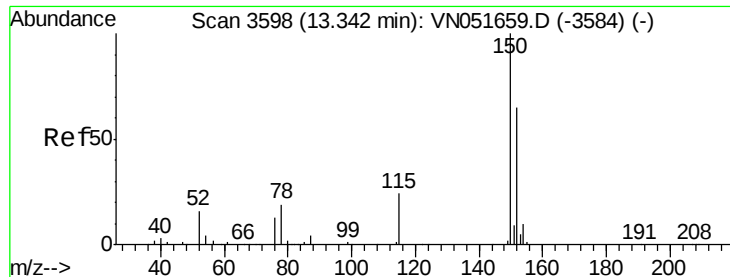


Abundance Ion 116.90 (116.60 to 117.60): VN051659.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051659.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051659.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(8-12)

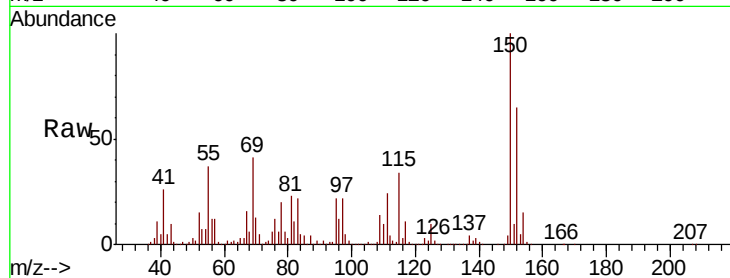
Tot Ion:152 Resp: 788151

Ion Ratio Lower Upper

152 100

115 45.7 28.6 85.8

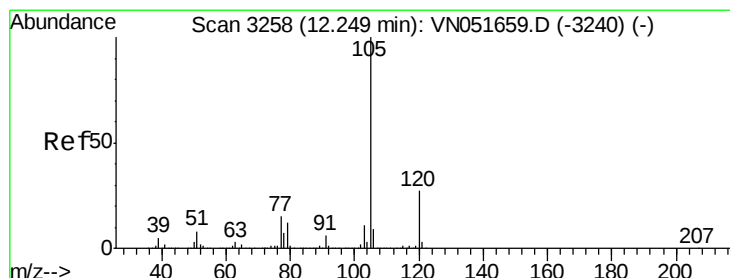
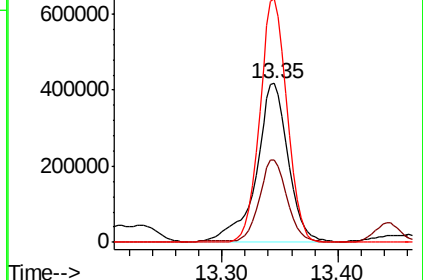
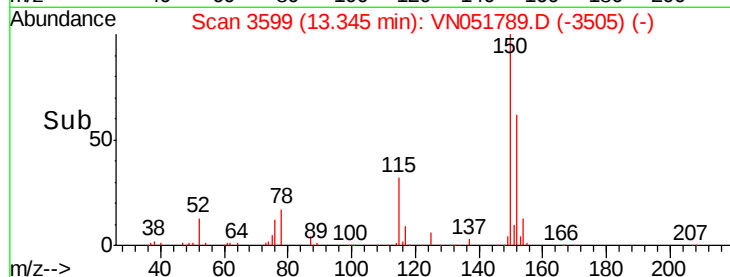
150 131.9 0.0 352.4



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: 35.388 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051789.D

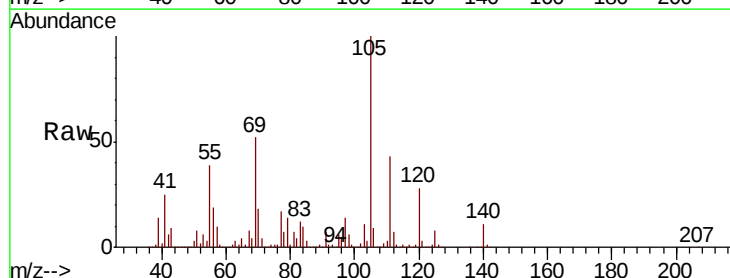
Acq: 10 Oct 2018 14:30

Tgt Ion:105 Resp: 2377535

Ion Ratio Lower Upper

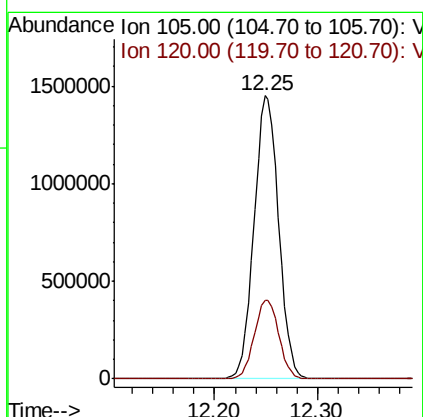
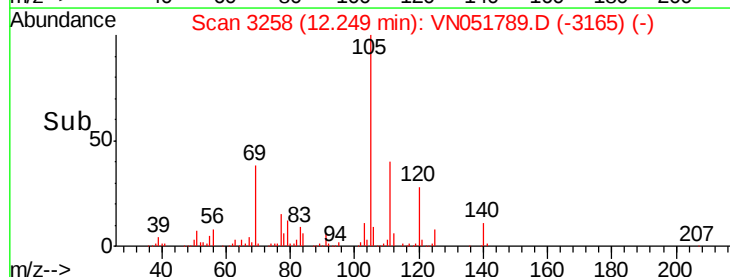
105 100

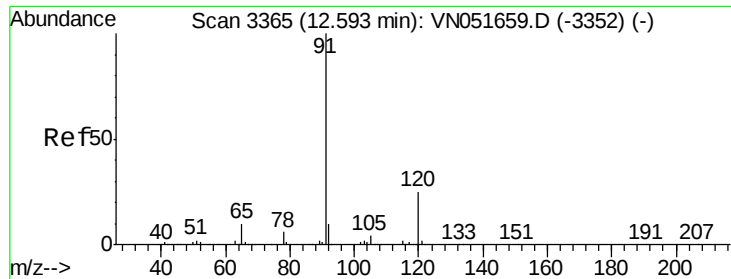
120 27.9 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 102.826 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampled :

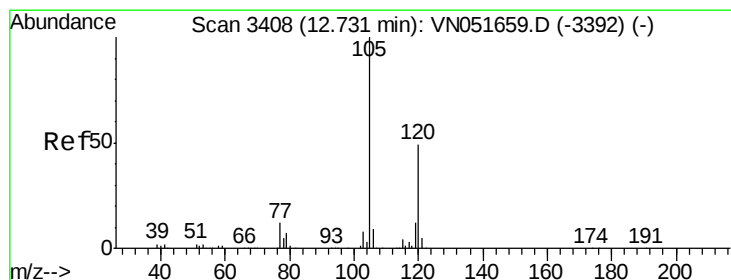
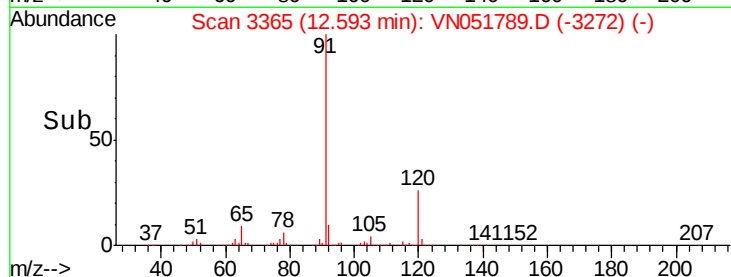
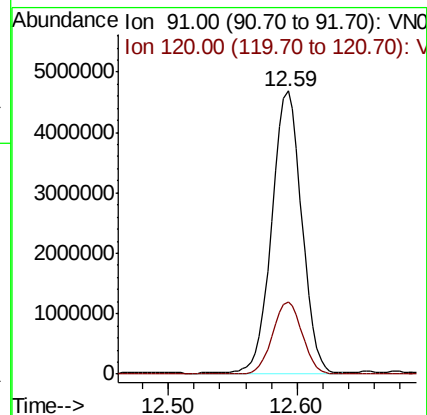
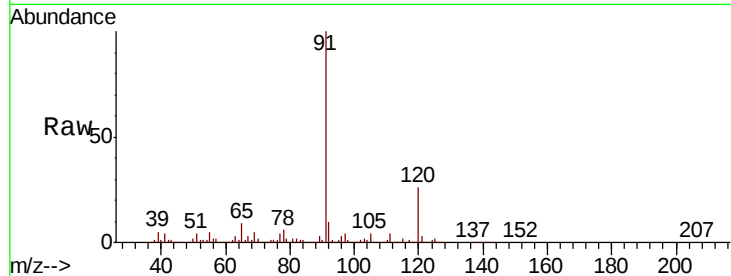
EP1-MW-C(8-12)

Tot Ion: 91 Resp: 7535030

Ion Ratio Lower Upper

91 100

120 25.6 12.4 37.2



#80

1,3,5-Trimethylbenzene

Concen: 1.232 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051789.D

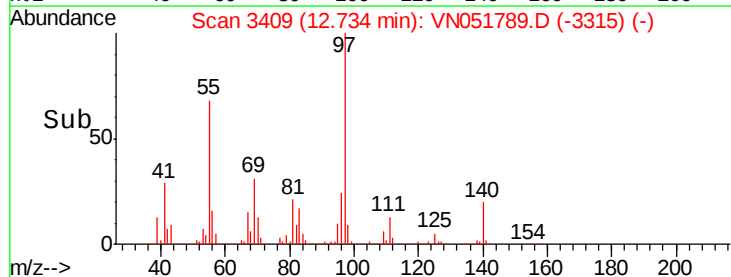
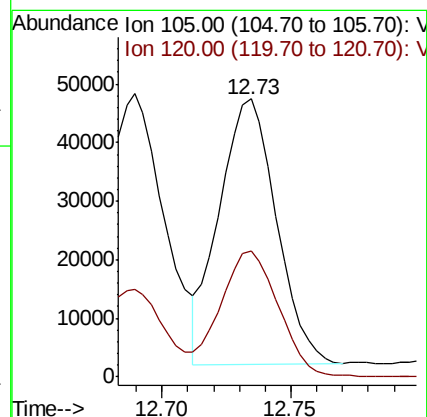
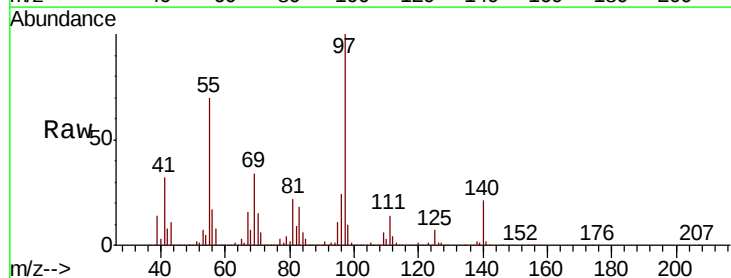
Acq: 10 Oct 2018 14:30

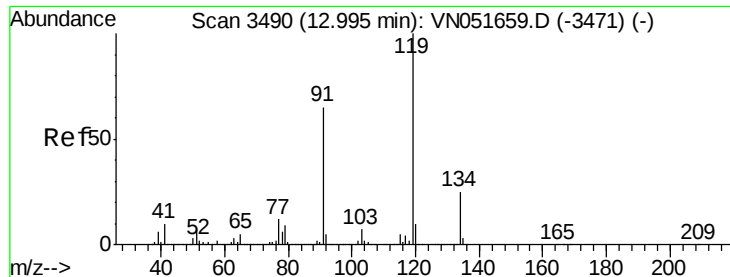
Tgt Ion: 105 Resp: 69774

Ion Ratio Lower Upper

105 100

120 0.0 24.6 74.0#

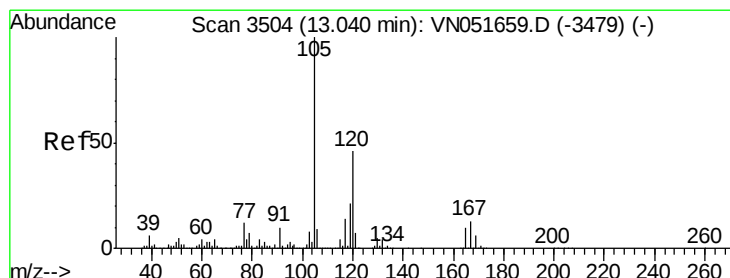
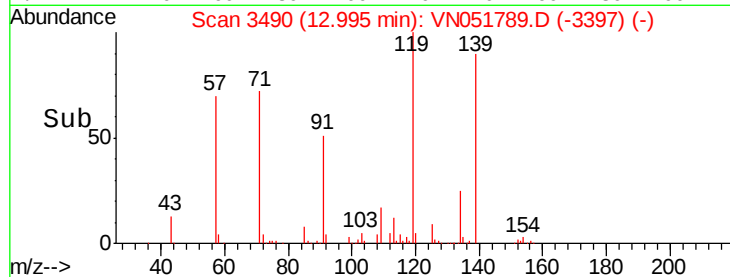
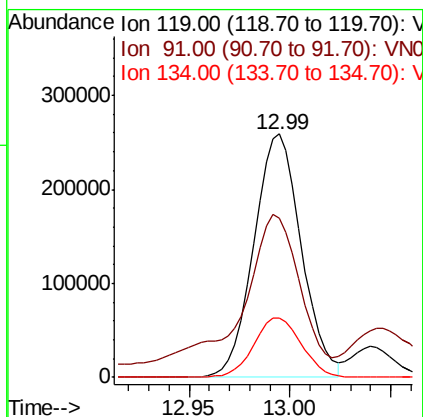
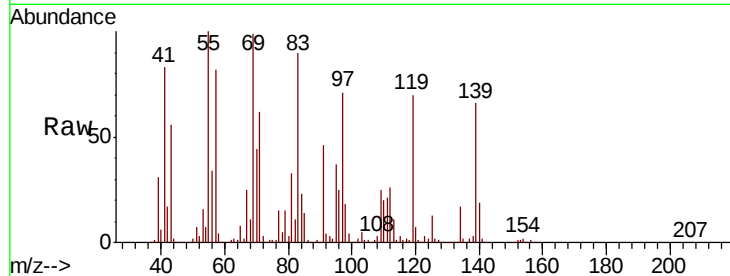




#83
 tert-Butylbenzene
 Concen: 8.358 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051789.D
 Acq: 10 Oct 2018 14:30

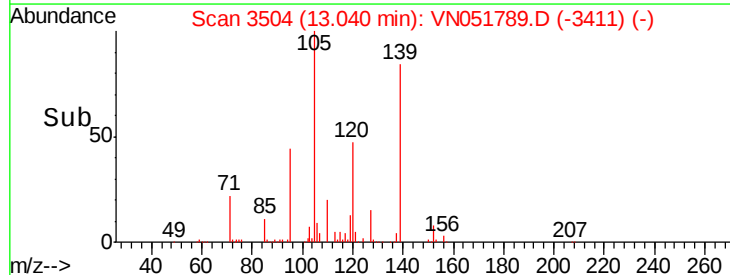
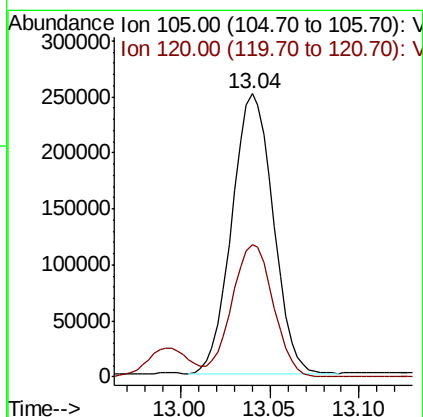
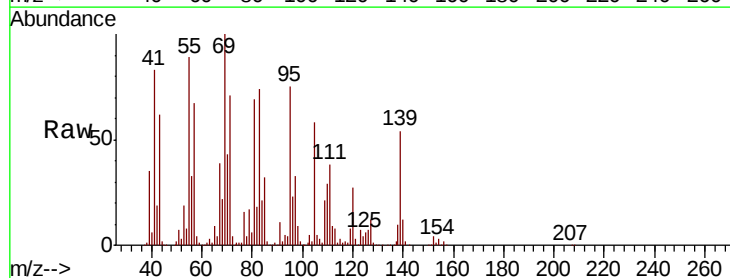
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-C(8-12)

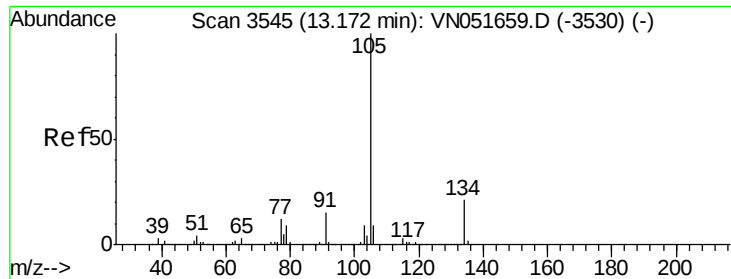
Tot Ion:119 Resp: 424016
 Ion Ratio Lower Upper
 119 100
 91 69.6 32.1 96.5
 134 24.7 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 7.125 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051789.D
 Acq: 10 Oct 2018 14:30

Tgt Ion:105 Resp: 404097
 Ion Ratio Lower Upper
 105 100
 120 47.6 22.9 68.7

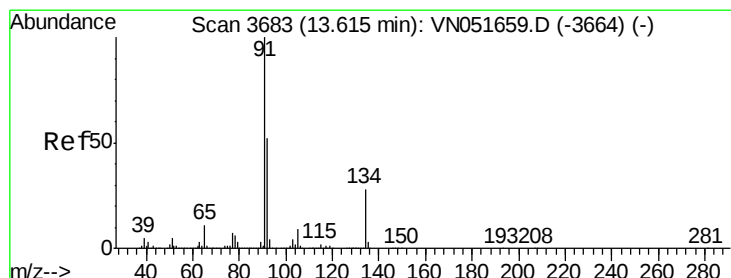
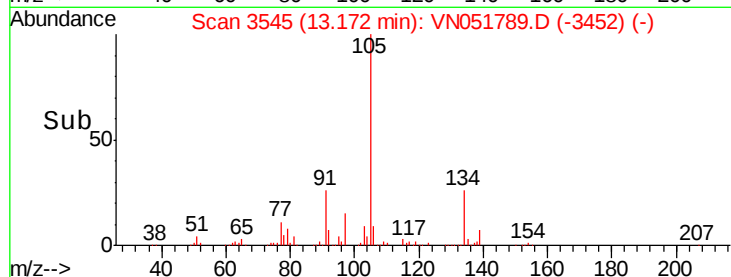
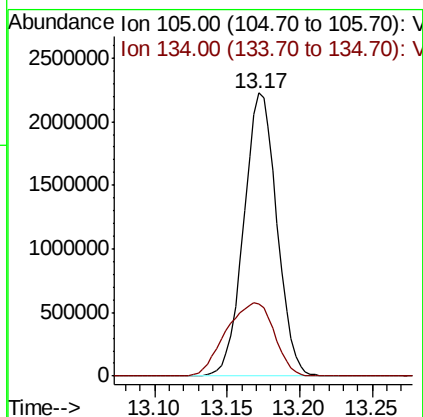
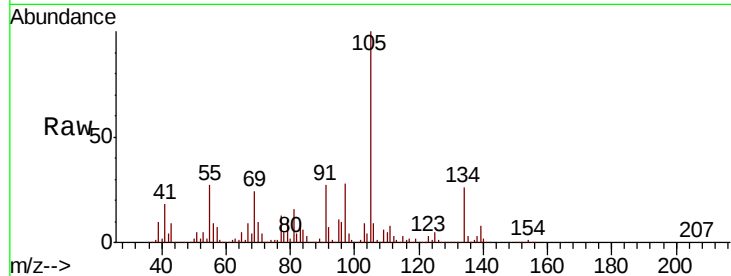




#85
 sec-Butylbenzene
 Concen: 52.361 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN051789.D
 Acq: 10 Oct 2018 14:30

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

Tot Ion:105 Resp: 3513928
 Ion Ratio Lower Upper
 105 100
 134 37.9 10.5 31.6#



#89
 n-Butylbenzene
 Concen: 44.847 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN051789.D
 Acq: 10 Oct 2018 14:30

Tgt Ion: 91 Resp: 2109577
 Ion Ratio Lower Upper
 91 100
 92 49.6 26.0 78.0
 134 44.3 14.2 42.6#

