

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051119.D
 Acq On : 11 Sep 2018 11:55
 Operator : MD\SY
 Sample : J4849-02DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-BDL

Quant Time: Sep 12 09:22:13 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	673572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1015435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	876304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	326162	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	392513	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	
35) Dibromofluoromethane	7.59	113	385583	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
50) Toluene-d8	10.09	98	1405104	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.40	95	416387	43.48	ug/l	0.00
Spiked Amount			Recovery	=	86.96%	

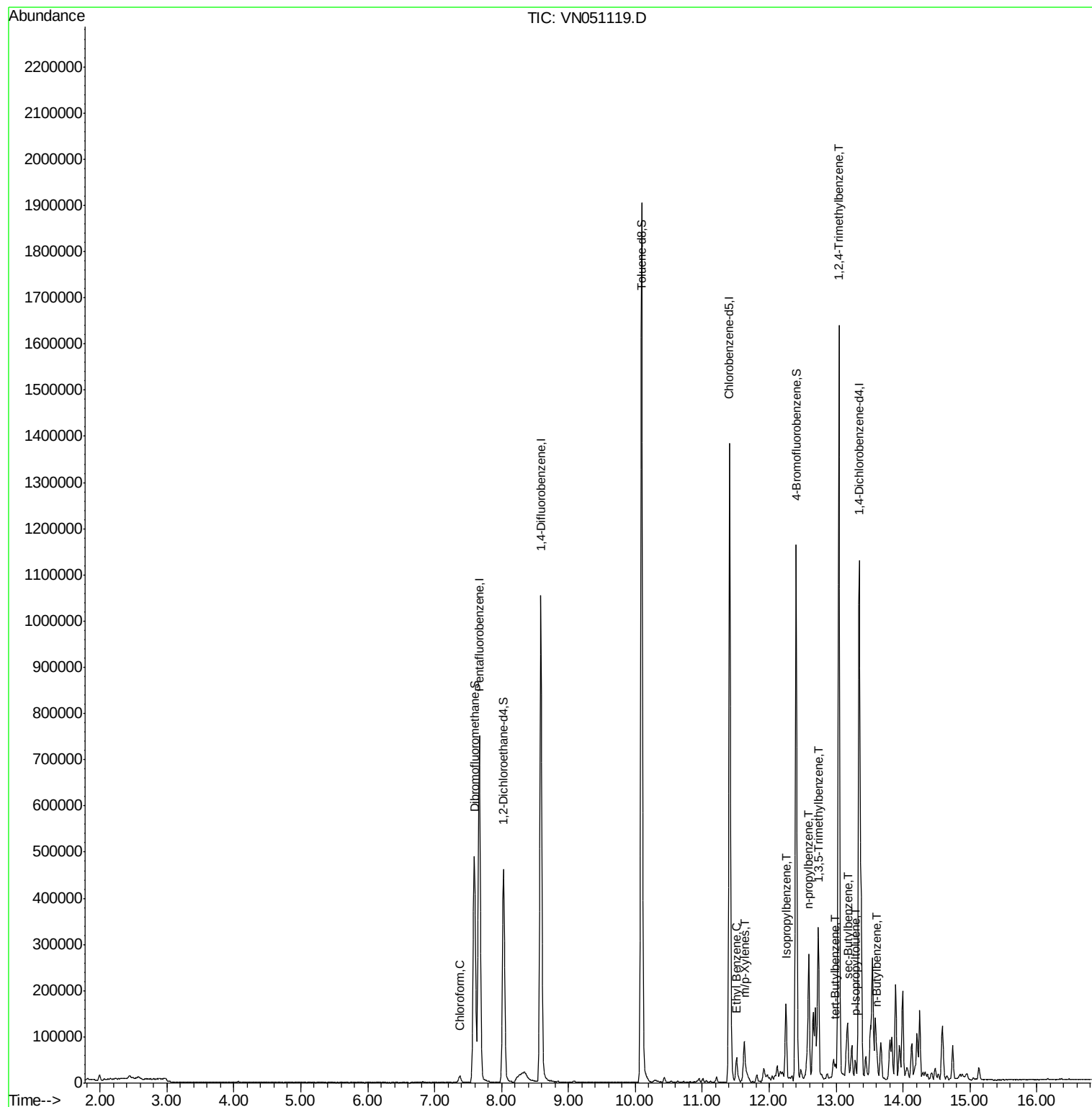
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Chloroform	7.37	83	17878	1.30	ug/l	89
67) Ethyl Benzene	11.51	91	38479	1.08	ug/l	100
68) m/p-Xylenes	11.63	106	26354	1.92	ug/l	97
73) Isopropylbenzene	12.25	105	106357	3.89	ug/l	100
78) n-propylbenzene	12.59	91	221802	7.38	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	170680	7.72	ug/l	99
83) tert-Butylbenzene	12.99	119	16211	0.83	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	947446	43.57	ug/l	100
85) sec-Butylbenzene	13.17	105	77459	3.09	ug/l	79
86) p-Isopropyltoluene	13.29	119	22364	1.05	ug/l	95
89) n-Butylbenzene	13.62	91	25435	1.54	ug/l #	79

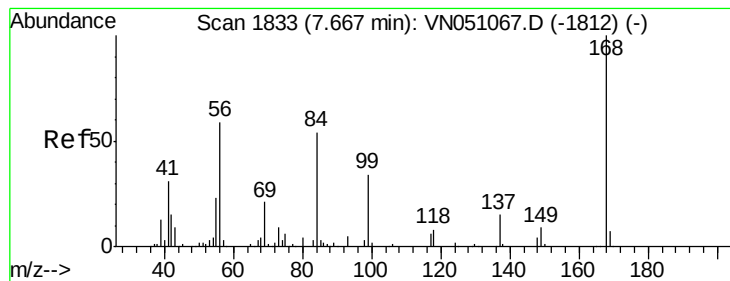
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051119.D
Acq On : 11 Sep 2018 11:55
Operator : MD\SY
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Sep 12 09:22:13 2018
Quant Method : Z:\V0ASRV\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: VN051119.D

Acq: 11 Sep 2018 11:55

Instrument :

MSVOA_N

ClientSampleId :

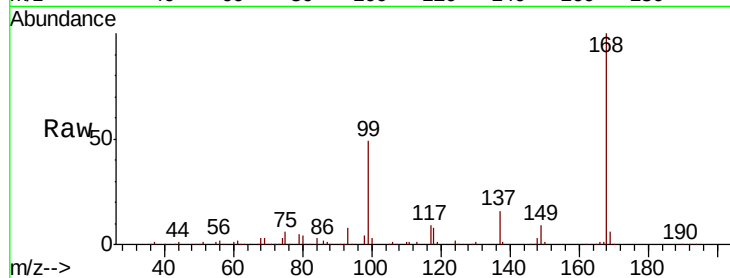
EP1-MW-BDL

Tot Ion:168 Resp: 673572

Ion Ratio Lower Upper

168 100

99 49.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051067.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051067.D (-1812) (-)

7.67

300000

250000

200000

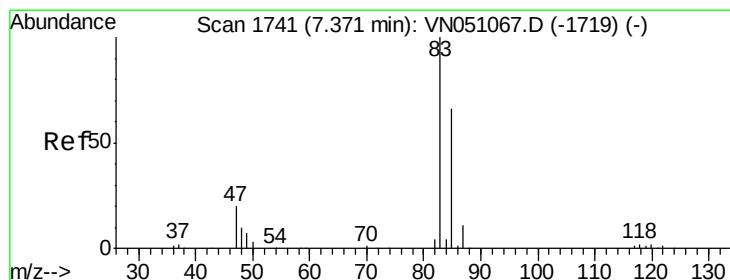
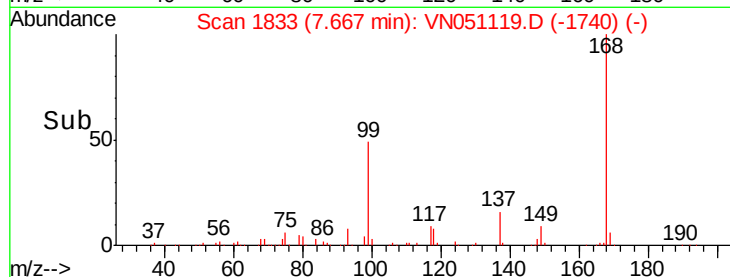
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.30 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051119.D

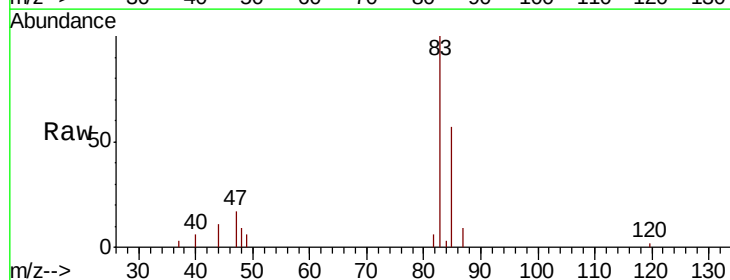
Acq: 11 Sep 2018 11:55

Tgt Ion: 83 Resp: 17878

Ion Ratio Lower Upper

83 100

85 57.0 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VN051067.D (-1719) (-)

Ion 84.90 (84.60 to 85.60): VN051067.D (-1719) (-)

7.37

8000

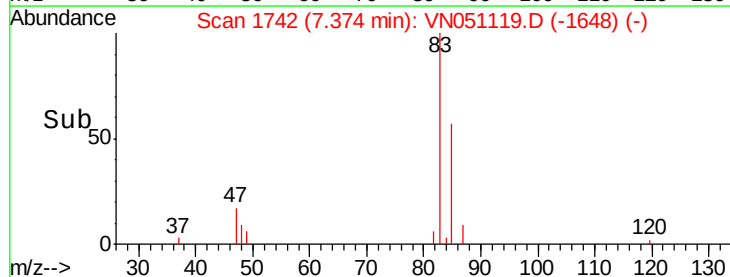
6000

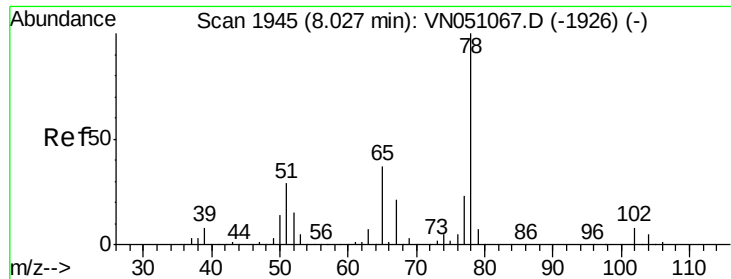
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2000

0

Time-->

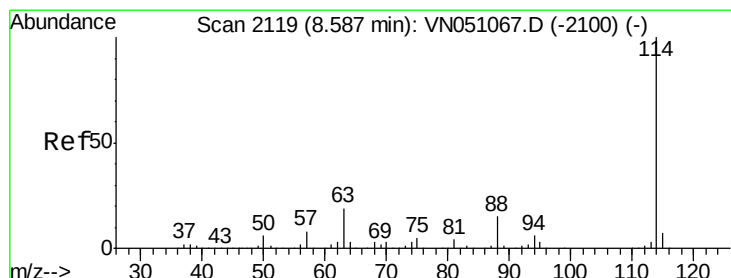
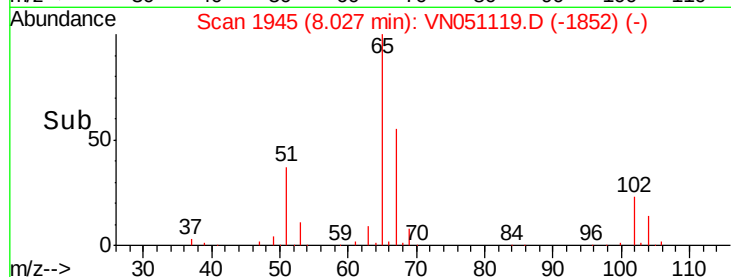
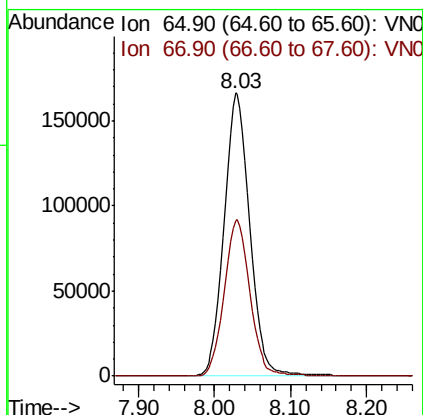
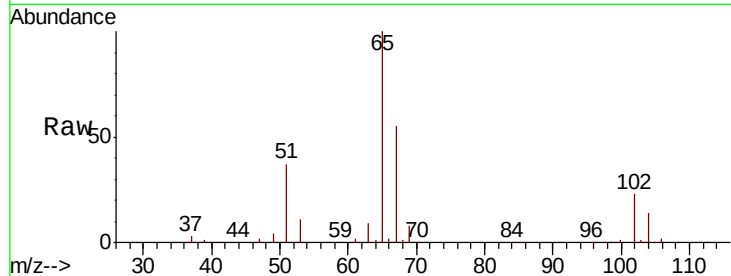




#33
 1,2-Dichloroethane-d4
 Concen: 52.36 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051119.D
 Acq: 11 Sep 2018 11:55

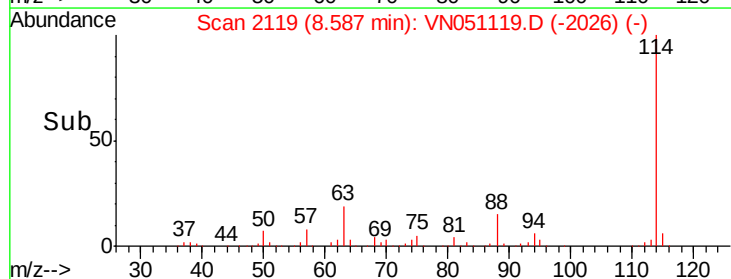
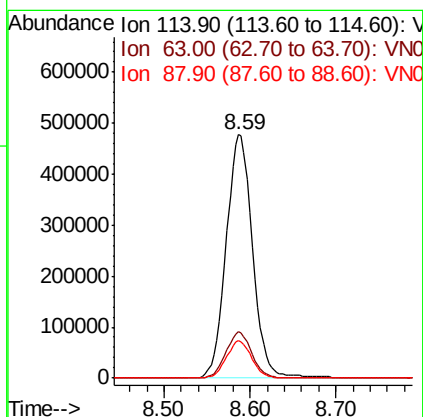
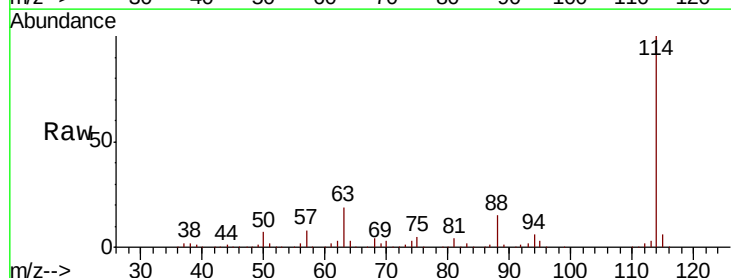
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-BDL

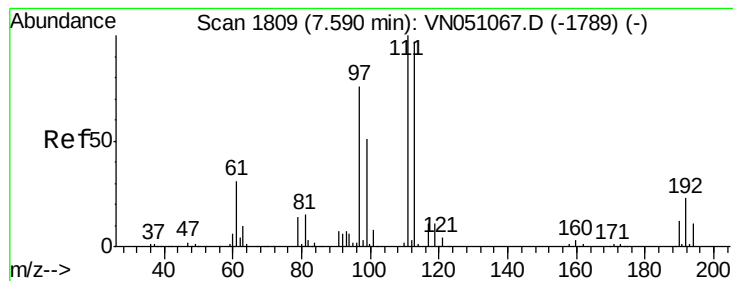
Tot Ion: 65 Resp: 392513
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051119.D
 Acq: 11 Sep 2018 11:55

Tgt Ion: 114 Resp: 1015435
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.8
 88 15.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.53 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051119.D

Acq: 11 Sep 2018 11:55

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-BDL

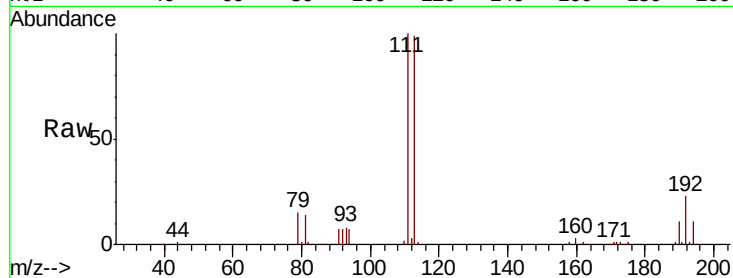
Tot Ion:113 Resp: 385583

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

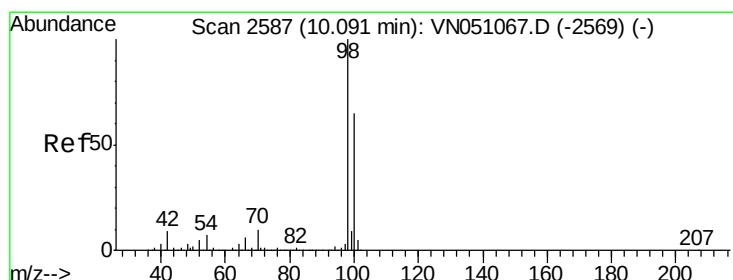
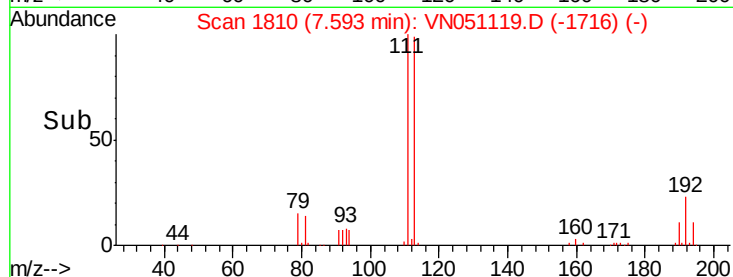
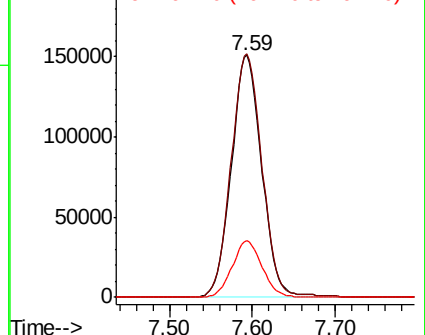
192 23.1 18.7 28.1



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: 48.53 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051119.D

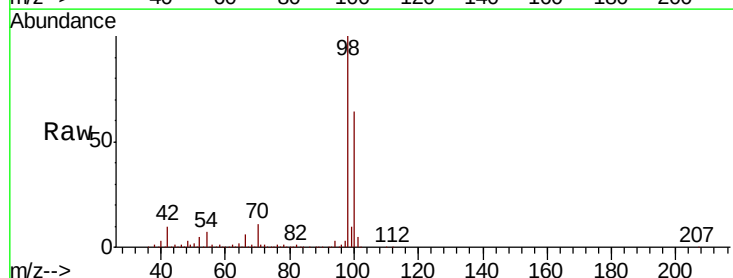
Acq: 11 Sep 2018 11:55

Tgt Ion: 98 Resp: 1405104

Ion Ratio Lower Upper

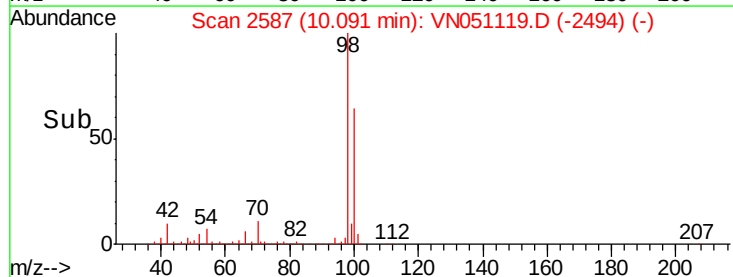
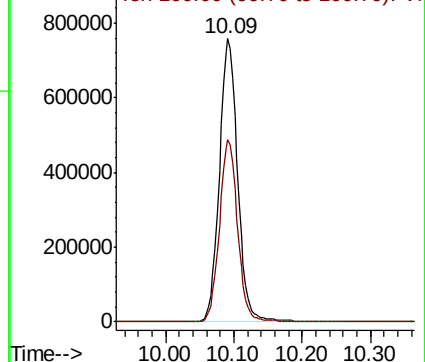
98 100

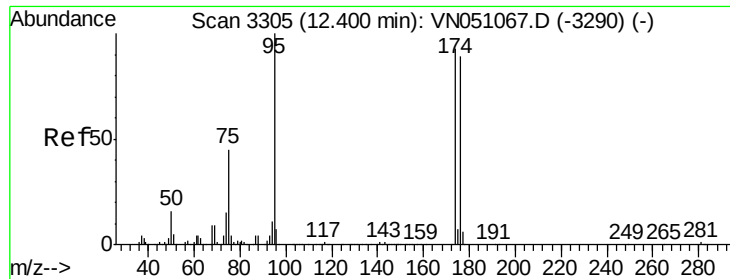
100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

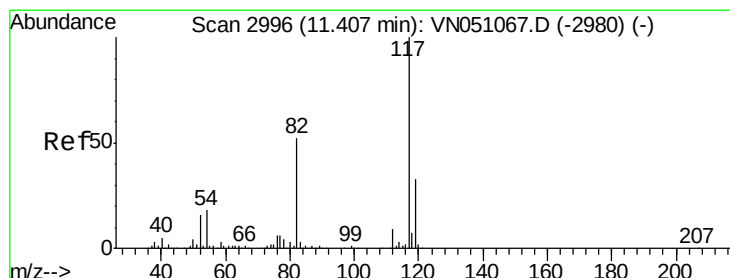
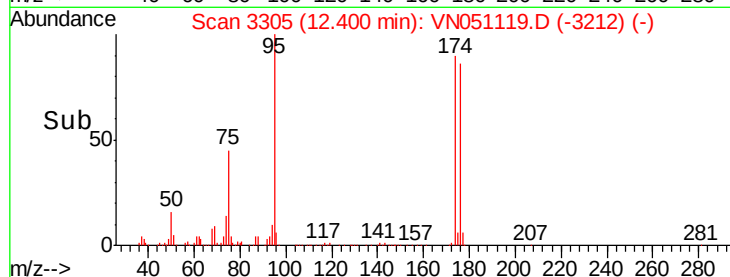
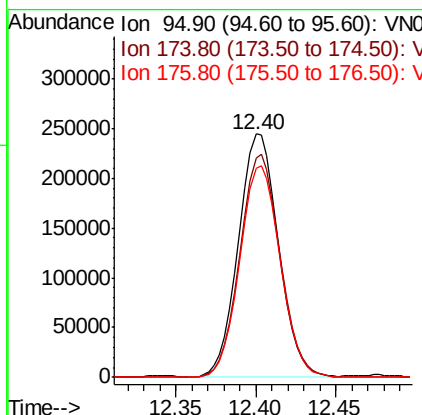
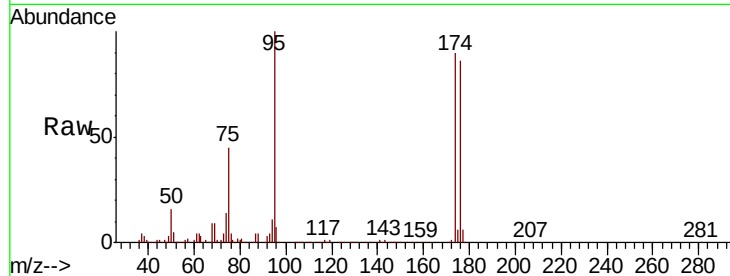




#62
4-Bromofluorobenzene
Concen: 43.48 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051119.D
Acq: 11 Sep 2018 11:55

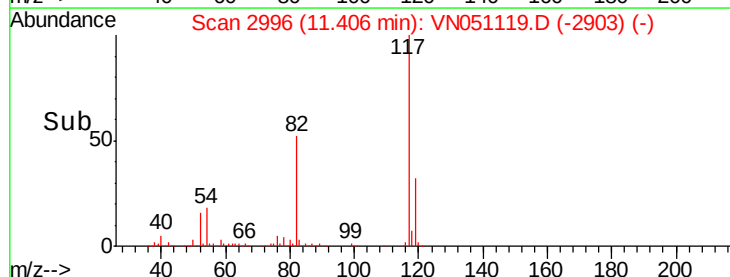
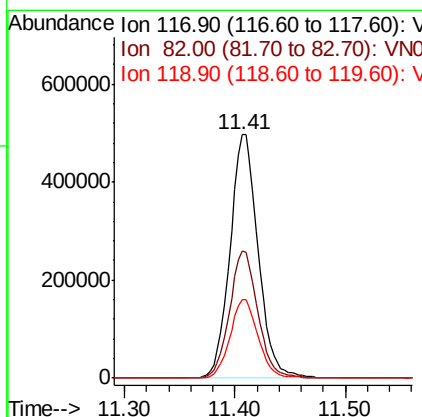
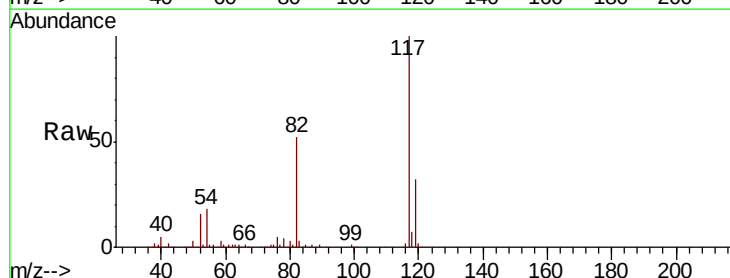
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-BDL

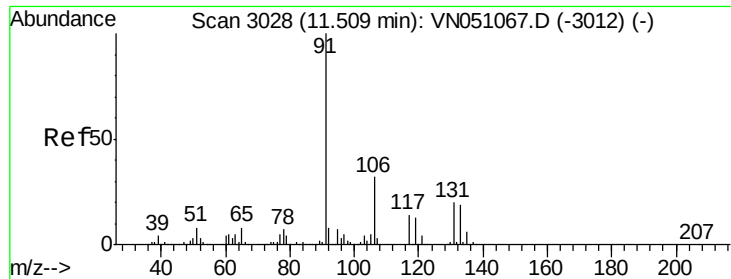
Tot Ion: 95 Resp: 416387
Ion Ratio Lower Upper
95 100
174 92.1 0.0 184.8
176 88.2 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051119.D
Acq: 11 Sep 2018 11:55

Tgt Ion: 117 Resp: 876304
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.6
119 32.4 26.2 39.2

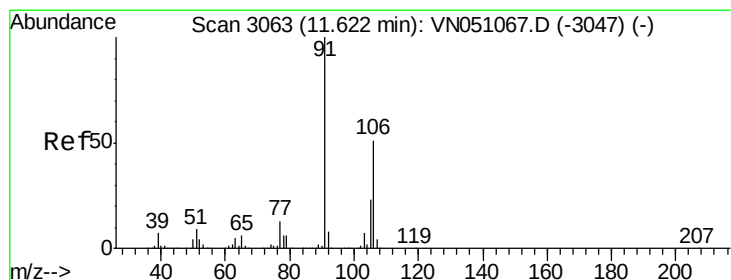
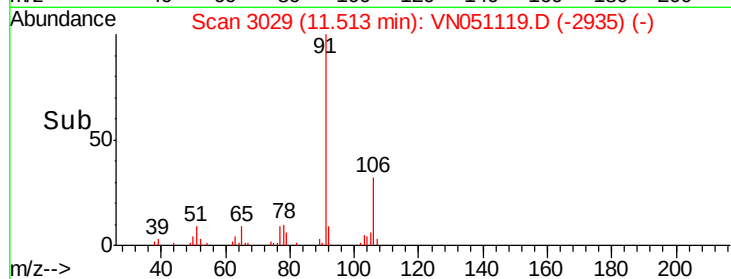
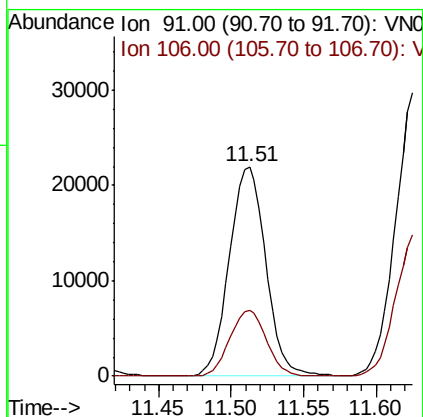
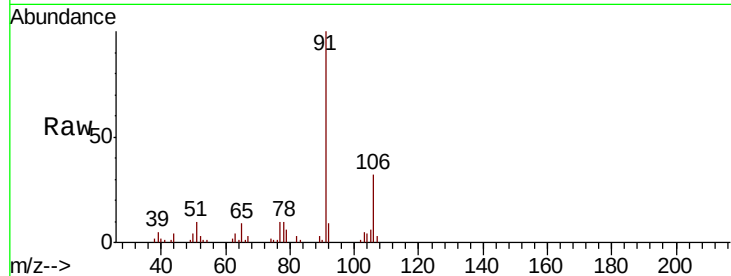




#67
Ethyl Benzene
Concen: 1.08 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051119.D
Acq: 11 Sep 2018 11:55

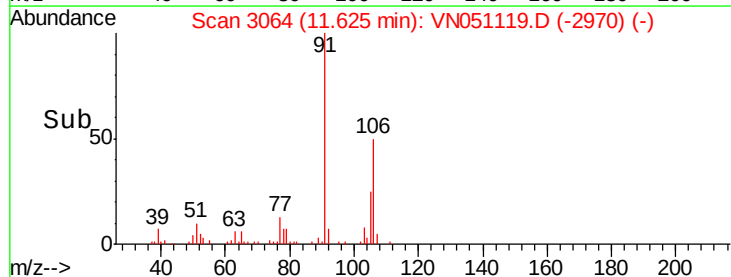
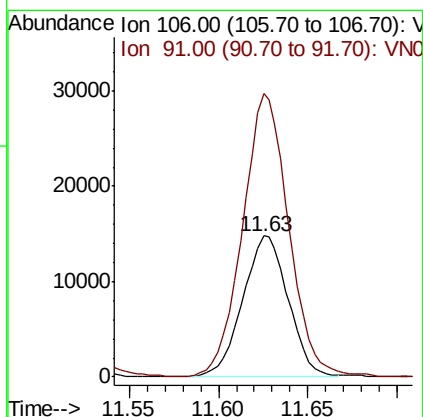
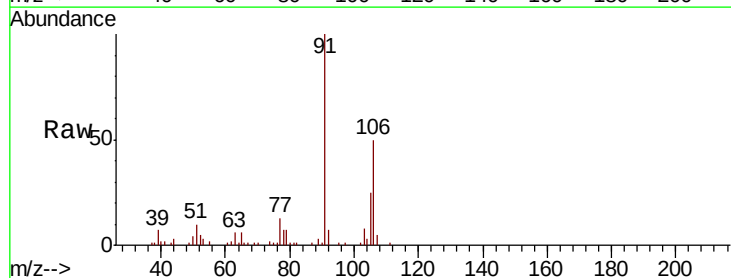
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-BDL

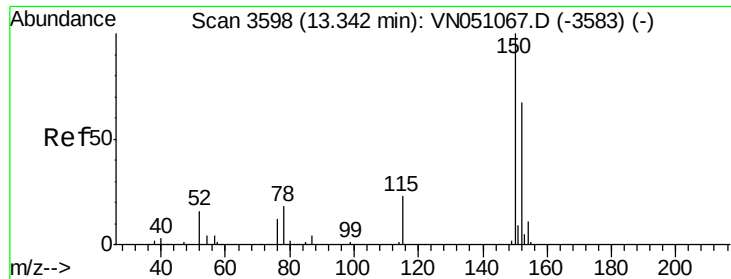
Tot Ion: 91 Resp: 38479
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2



#68
m/p-Xylenes
Concen: 1.92 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN051119.D
Acq: 11 Sep 2018 11:55

Tgt Ion: 106 Resp: 26354
Ion Ratio Lower Upper
106 100
91 203.9 159.8 239.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051119.D

Acq: 11 Sep 2018 11:55

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-BDL

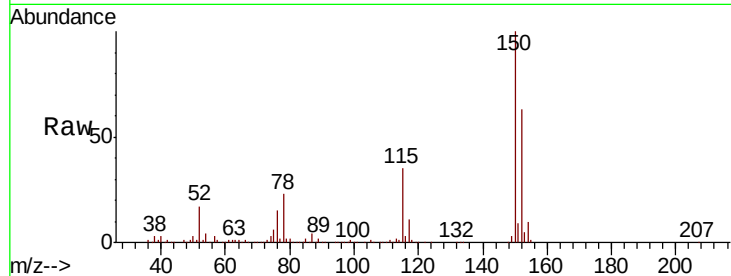
Tot Ion:152 Resp: 326162

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

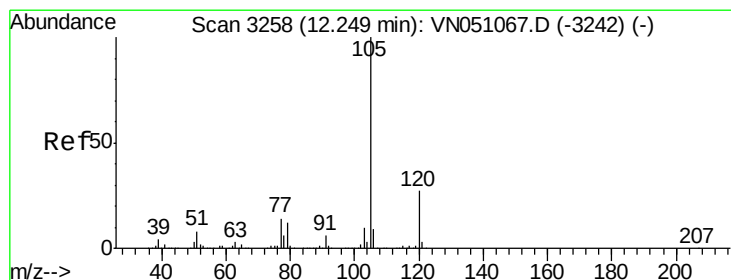
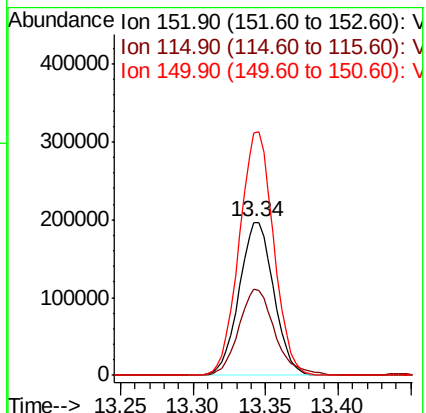
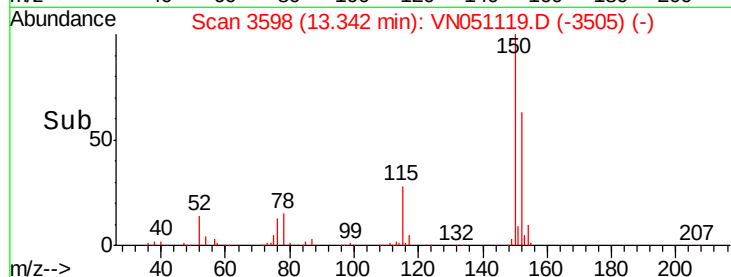
150 157.9 0.0 349.0



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: 3.89 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051119.D

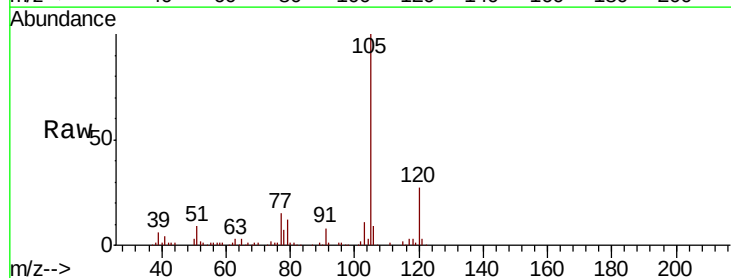
Acq: 11 Sep 2018 11:55

Tgt Ion:105 Resp: 106357

Ion Ratio Lower Upper

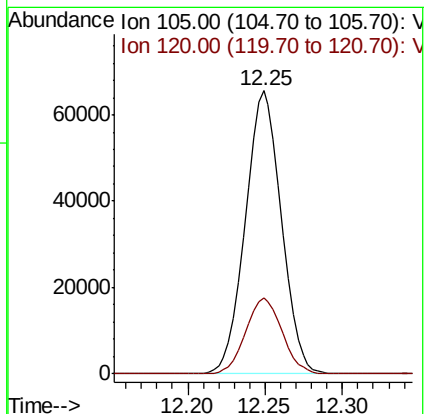
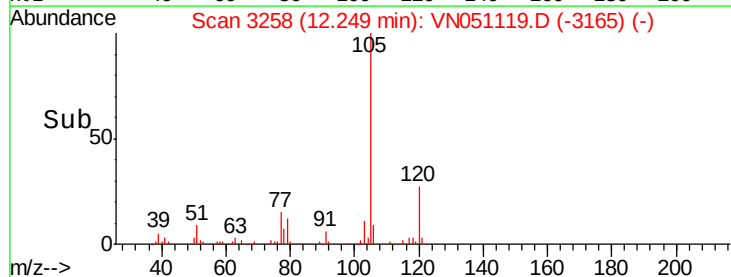
105 100

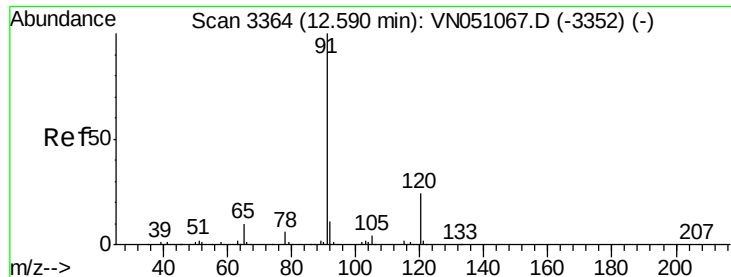
120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 7.38 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051119.D

Acq: 11 Sep 2018 11:55

Instrument :

MSVOA_N

ClientSampled :

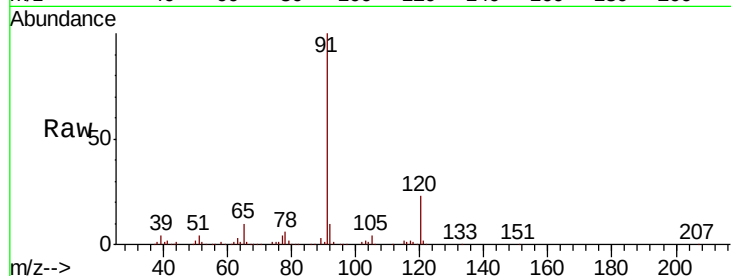
EP1-MW-BDL

Tot Ion: 91 Resp: 221802

Ion Ratio Lower Upper

91 100

120 23.1 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) (-)

12.59

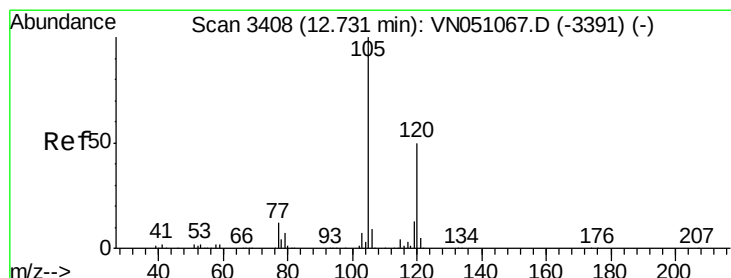
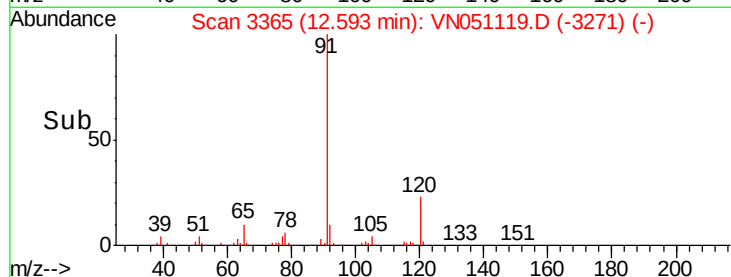
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 7.72 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051119.D

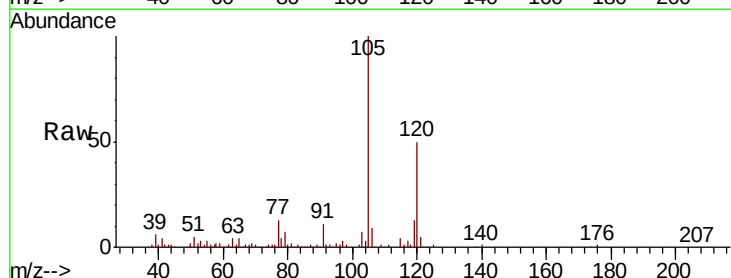
Acq: 11 Sep 2018 11:55

Tgt Ion:105 Resp: 170680

Ion Ratio Lower Upper

105 100

120 50.6 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) (-)

12.73

120000

100000

80000

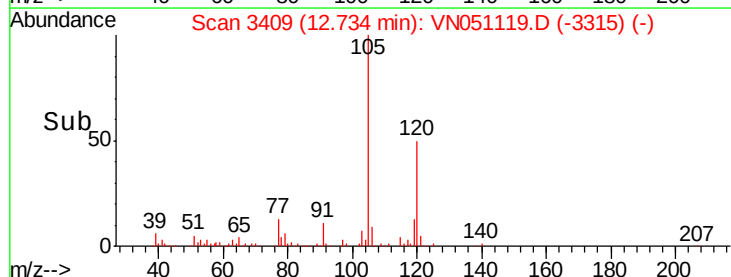
60000

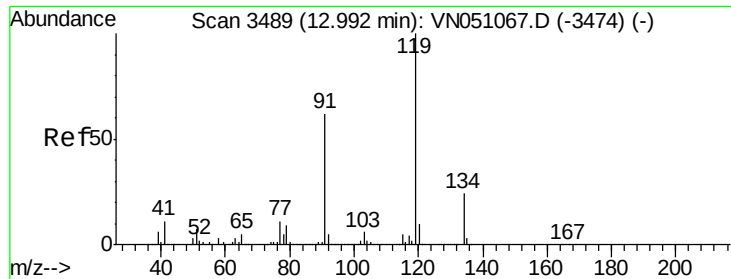
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20000

0

Time-->

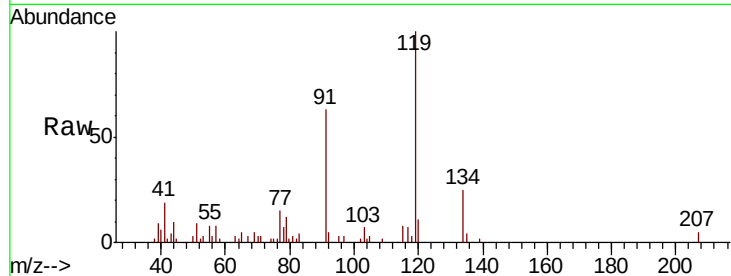




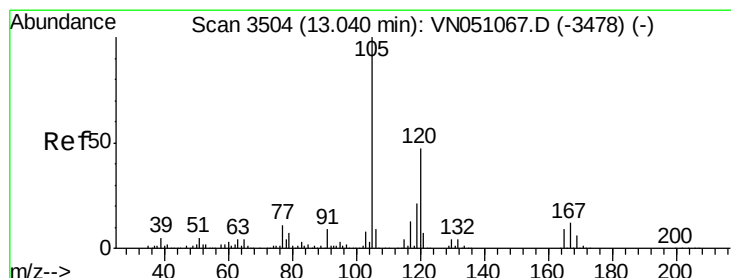
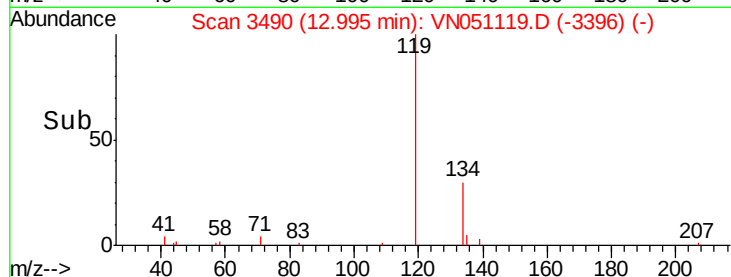
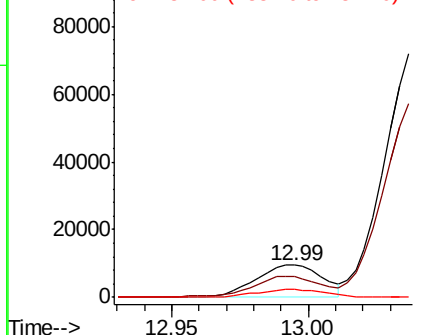
#83
 tert-Butylbenzene
 Concen: 0.83 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051119.D
 Acq: 11 Sep 2018 11:55

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-BDL

Tot Ion:119 Resp: 16211
 Ion Ratio Lower Upper
 119 100
 91 63.2 30.8 92.3
 134 25.0 13.2 39.6

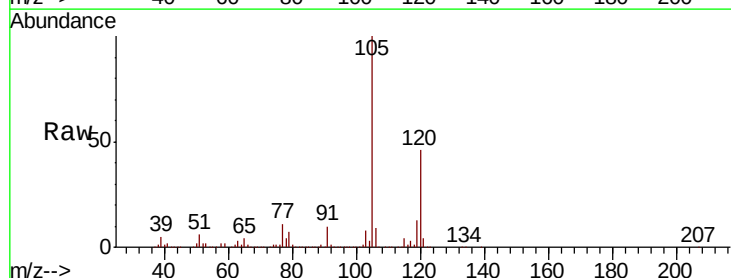


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

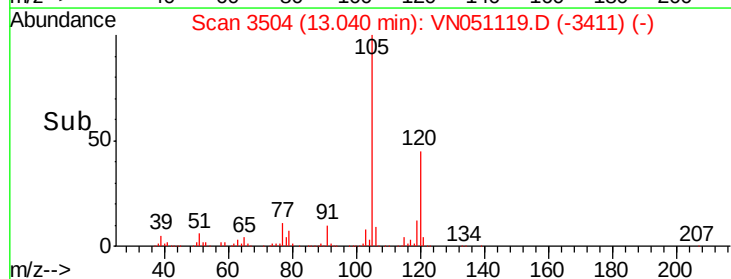
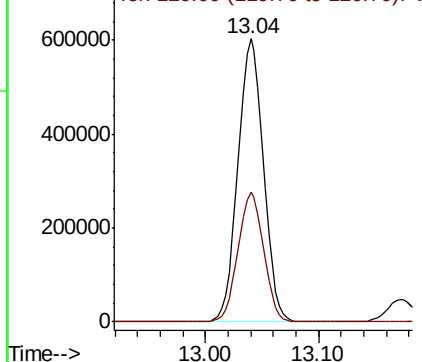


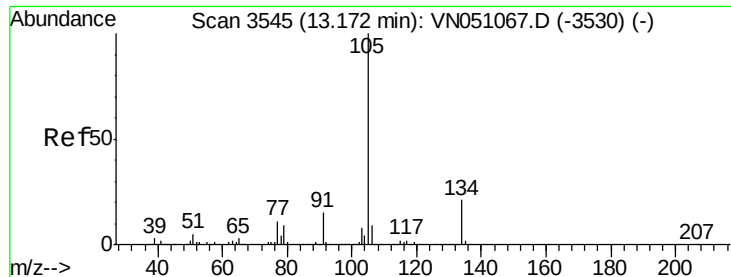
#84
 1,2,4-Trimethylbenzene
 Concen: 43.57 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051119.D
 Acq: 11 Sep 2018 11:55

Tgt Ion:105 Resp: 947446
 Ion Ratio Lower Upper
 105 100
 120 46.2 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: 3.09 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051119.D

Acq: 11 Sep 2018 11:55

Instrument :

MSVOA_N

ClientSampleId :

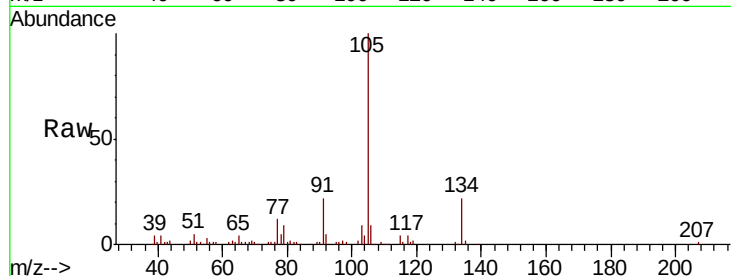
EP1-MW-BDL

Tot Ion:105 Resp: 77459

Ion Ratio Lower Upper

105 100

134 30.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

50000

40000

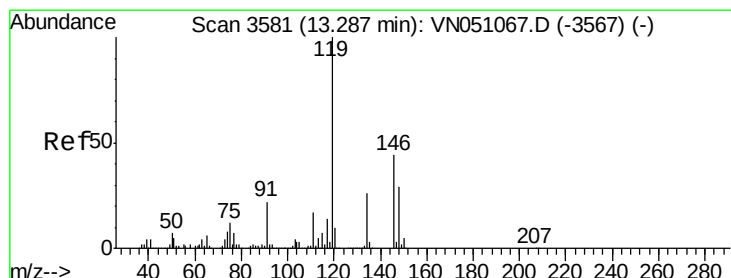
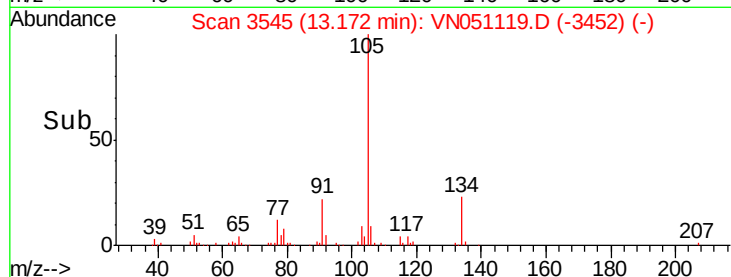
30000

20000

10000

0

Time-->



#86

p-Isopropyltoluene

Concen: 1.05 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051119.D

Acq: 11 Sep 2018 11:55

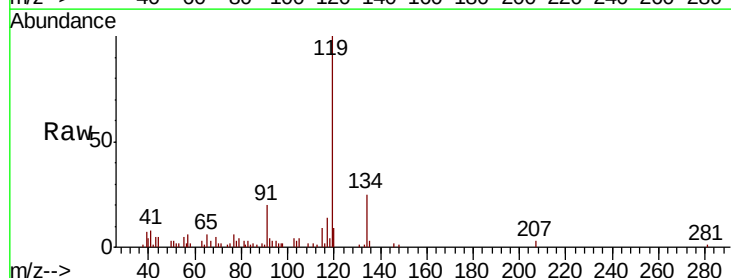
Tgt Ion:119 Resp: 22364

Ion Ratio Lower Upper

119 100

134 26.0 13.5 40.4

91 18.1 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

30000

25000

20000

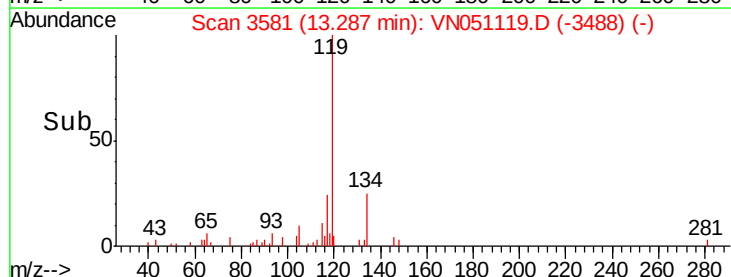
15000

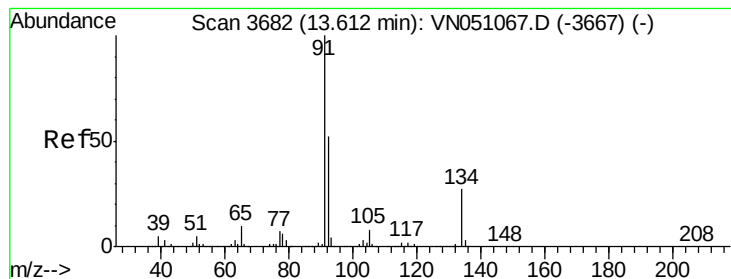
10000

5000

0

Time-->





#89

n-Butylbenzene

Concen: 1.54 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051119.D

Acq: 11 Sep 2018 11:55

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-BDL

Tot Ion: 91 Resp: 25435

Ion Ratio Lower Upper

91 100

92 55.1 26.2 78.6

134 0.0 13.7 41.1#

