

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122018\
 Data File : VN053051.D
 Acq On : 20 Dec 2018 12:47
 Operator : MD\SY
 Sample : J6411-10DL 100X
 Misc : 5.85g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-3B(17-18FT)1218DL

Quant Time: Dec 21 00:55:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

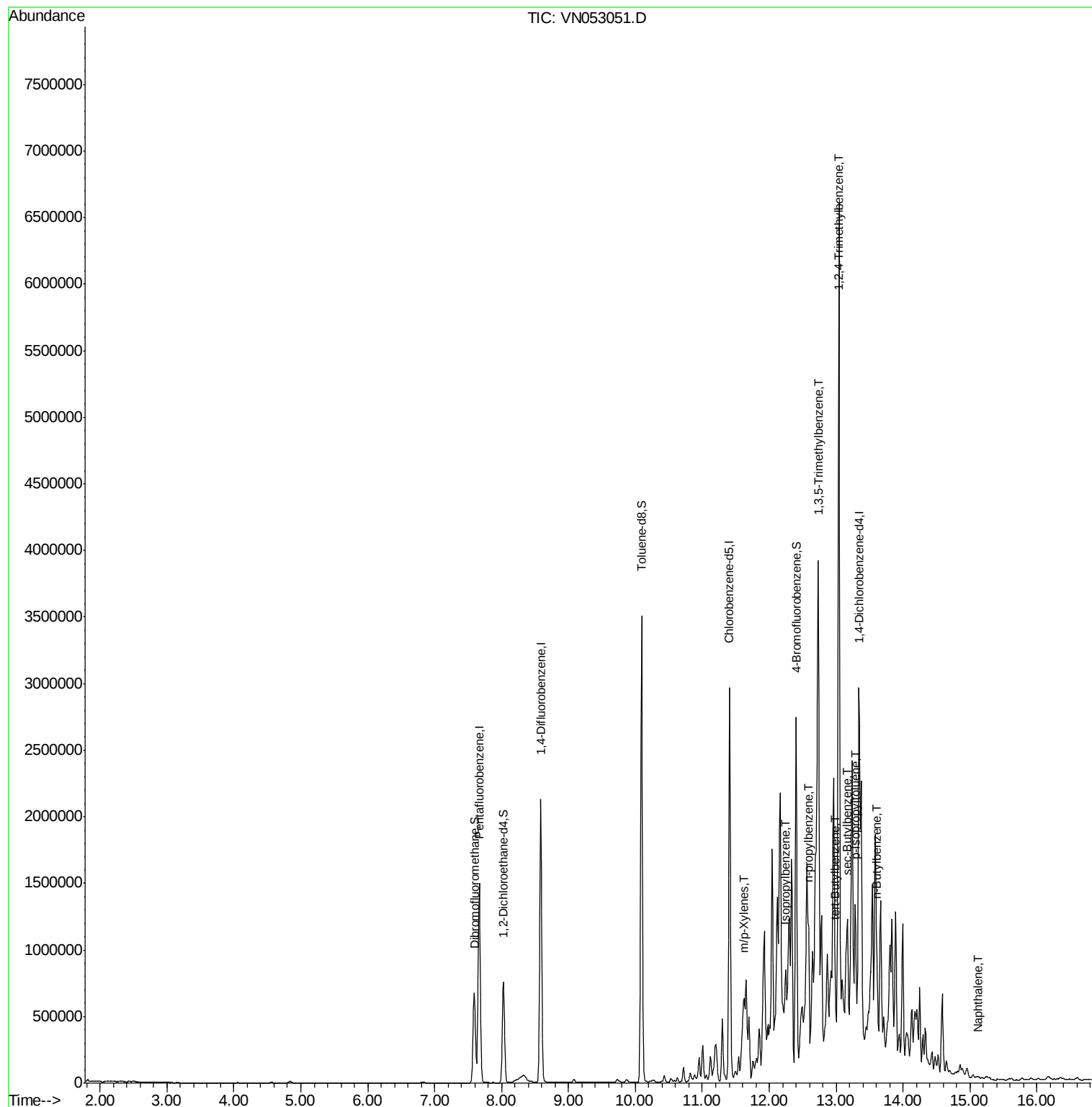
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1330887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2023757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1797652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	775294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	630140	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
35) Dibromofluoromethane	7.59	113	528849	57.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.42%	
50) Toluene-d8	10.09	98	2486668	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.40	95	854224	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.62	106	179494	6.890	ug/l	99
73) Isopropylbenzene	12.25	105	255029	4.204	ug/l	100
78) n-propylbenzene	12.59	91	707956	10.247	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1131415	22.883	ug/l	100
83) tert-Butylbenzene	12.99	119	50427	1.153	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	3491726	70.250	ug/l	100
85) sec-Butylbenzene	13.17	105	379577	6.418	ug/l #	73
86) p-Isopropyltoluene	13.29	119	355004	6.946	ug/l	100
89) n-Butylbenzene	13.61	91	321352	7.309	ug/l #	81
95) Naphthalene	15.13	128	6185	1.345	ug/l #	69

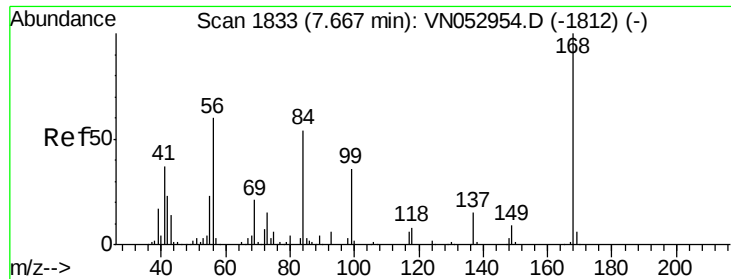
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122018\
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EP1-SBR-3B(17-18FT)1218DL

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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

Instrument :

MSVOA_N

ClientSampleId :

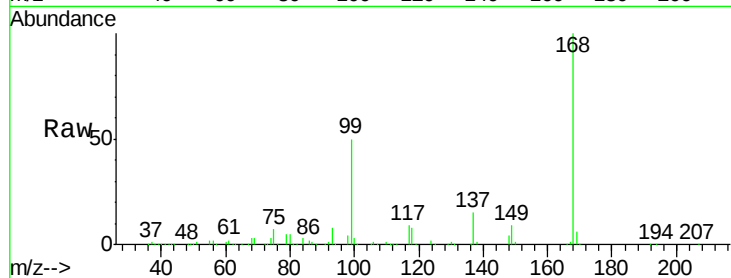
EP1-SBR-3B(17-18FT)1218DL

Tgt Ion:168 Resp: 1330887

Ion Ratio Lower Upper

168 100

99 50.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

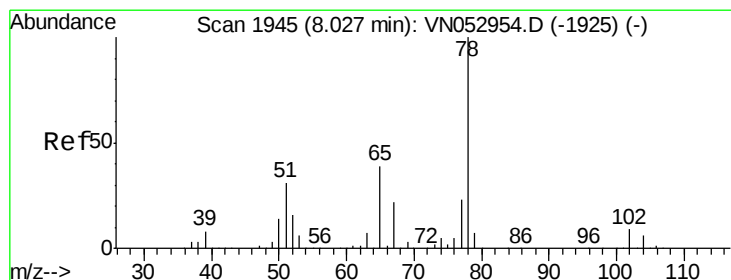
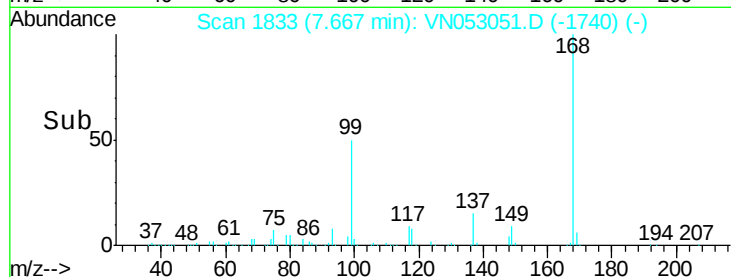
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053051.D

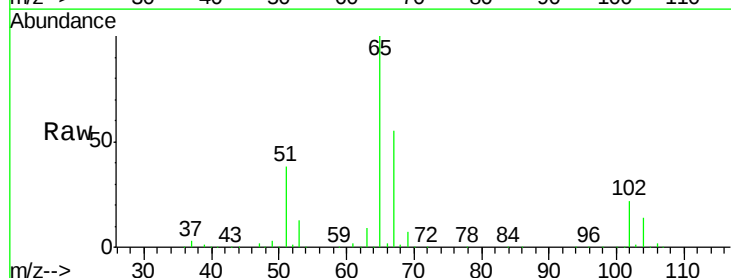
Acq: 20 Dec 2018 12:47

Tgt Ion: 65 Resp: 630140

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

300000

250000

200000

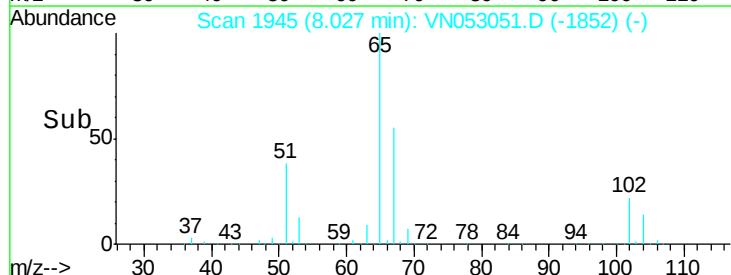
150000

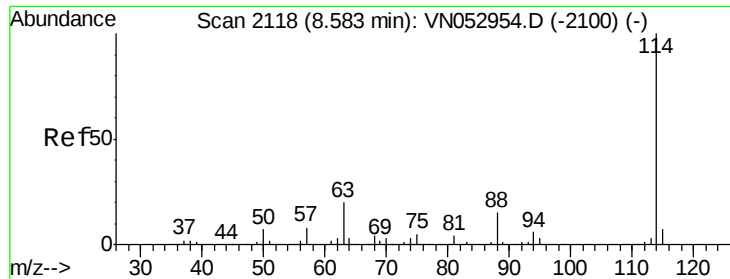
100000

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: VN053051.D

Acq: 20 Dec 2018 12:47

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-3B(17-18FT)1218DL

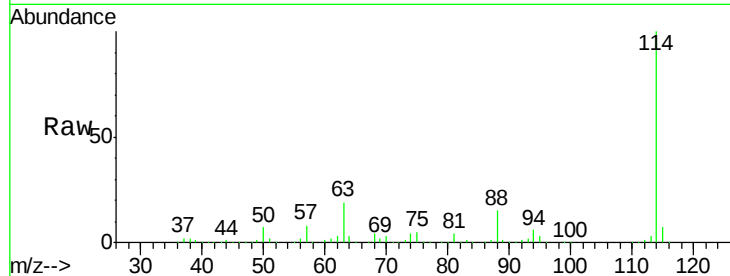
Tgt Ion:114 Resp: 2023757

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

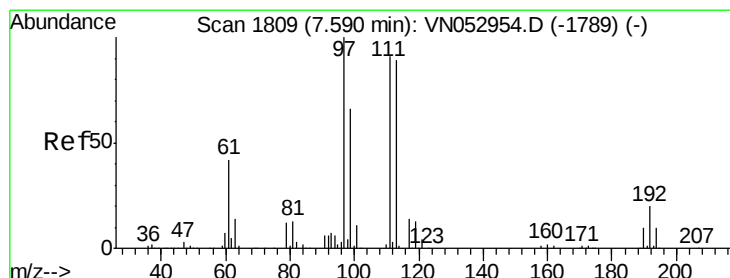
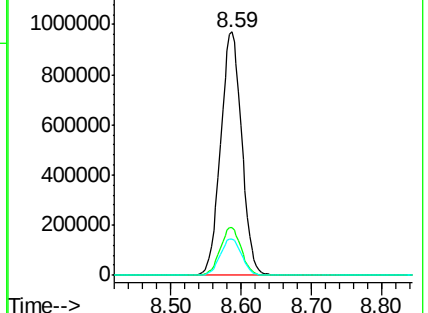
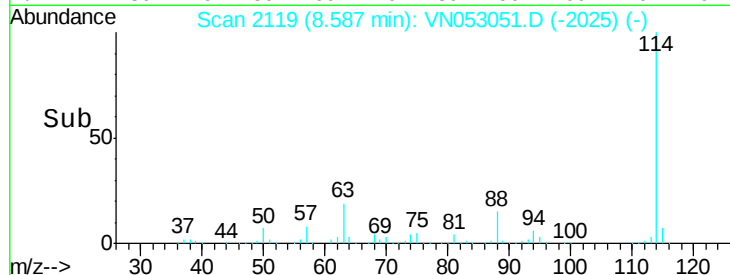
88 15.1 0.0 31.0



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: VN053051.D

Acq: 20 Dec 2018 12:47

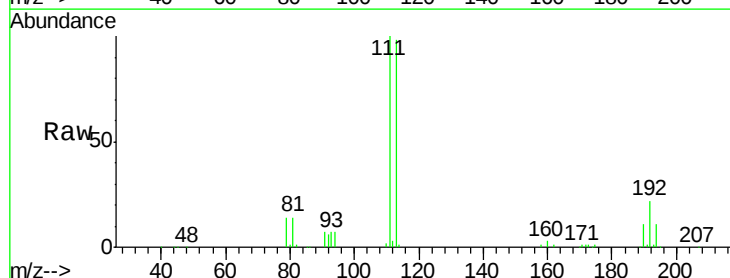
Tgt Ion:113 Resp: 528849

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

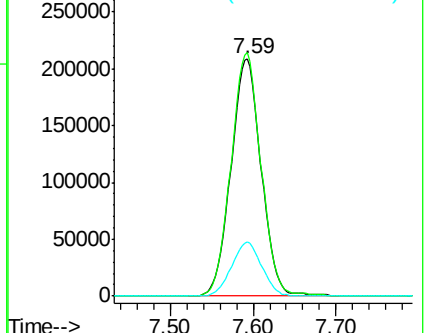
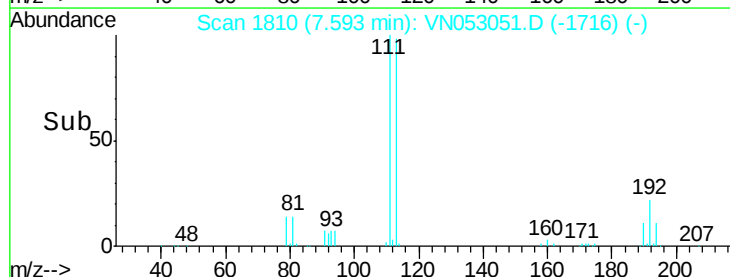
192 22.6 17.5 26.3

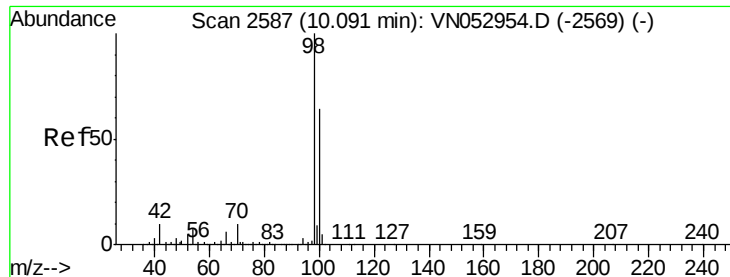


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

Instrument :

MSVOA_N

ClientSampleId :

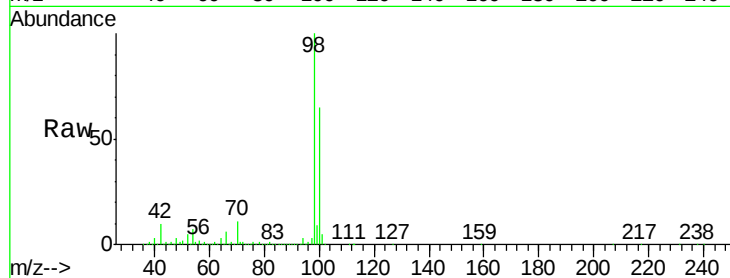
EP1-SBR-3B(17-18FT)1218DL

Tgt Ion: 98 Resp: 2486668

Ion Ratio Lower Upper

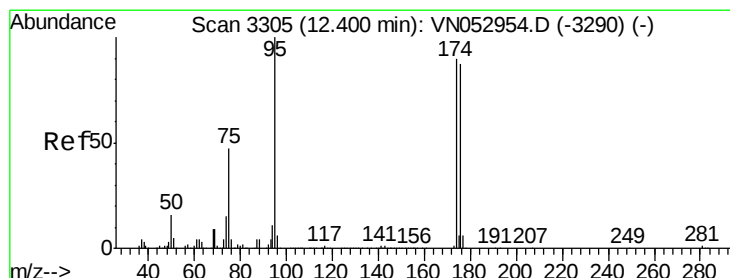
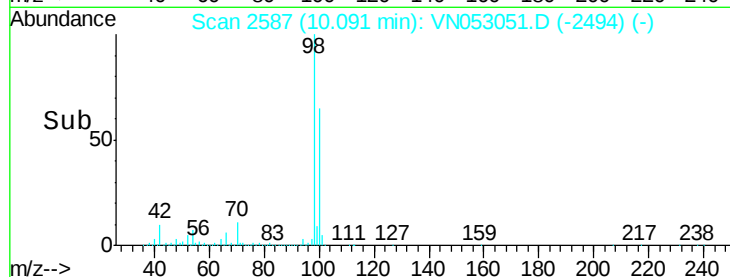
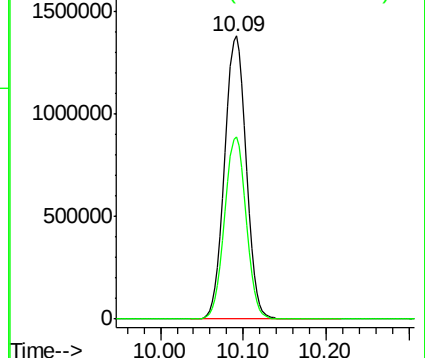
98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

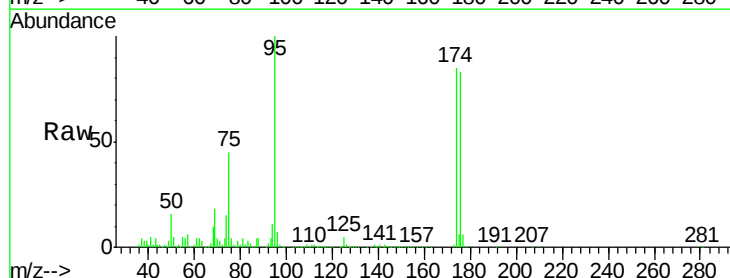
Tgt Ion: 95 Resp: 854224

Ion Ratio Lower Upper

95 100

174 86.6 0.0 178.8

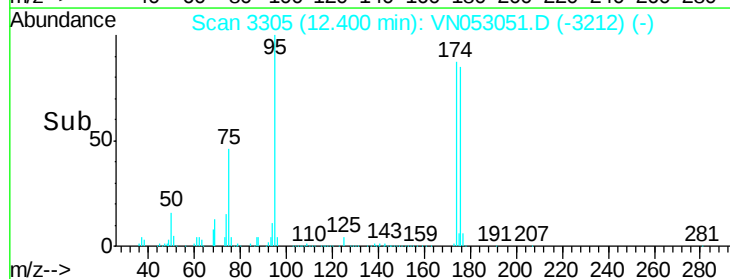
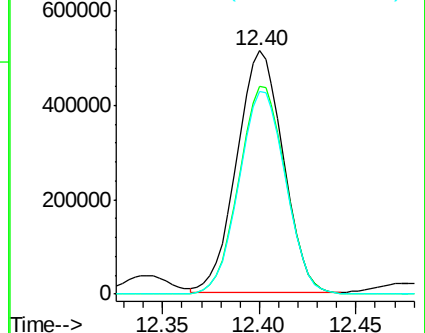
176 84.7 0.0 173.8

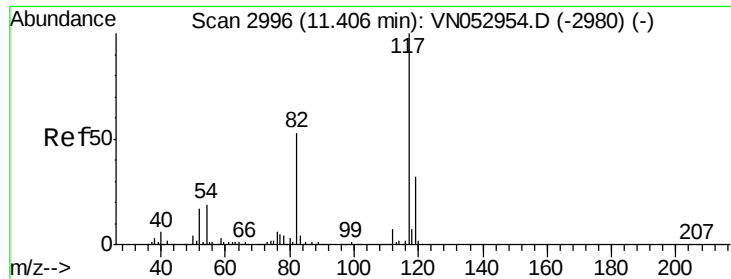


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

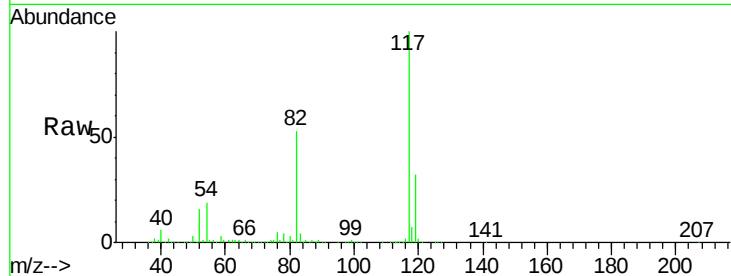




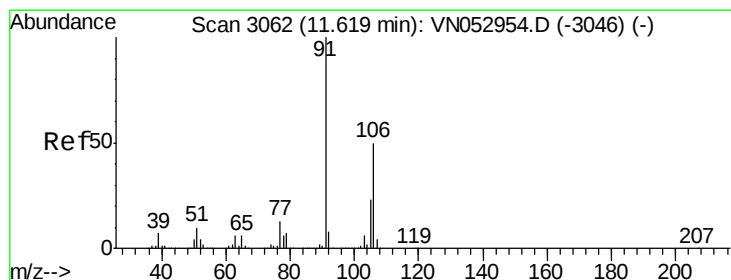
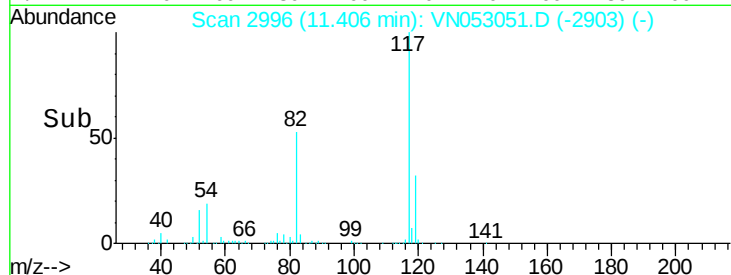
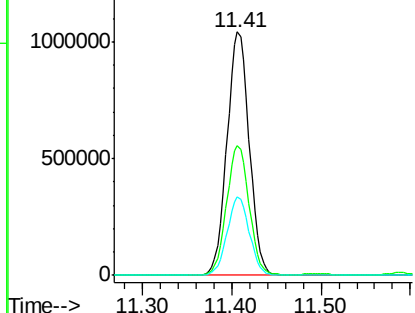
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-3B(17-18FT)1218DL

Tgt Ion:117 Resp: 1797652
Ion Ratio Lower Upper
117 100
82 53.1 42.8 64.2
119 32.0 25.5 38.3

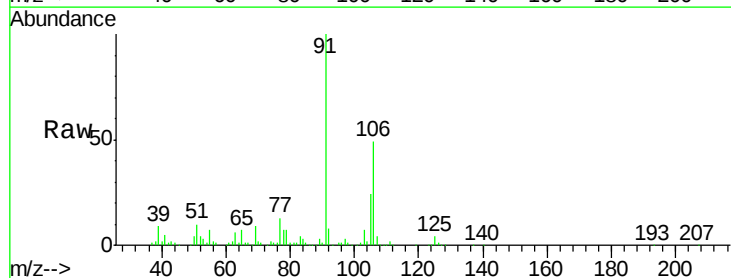


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

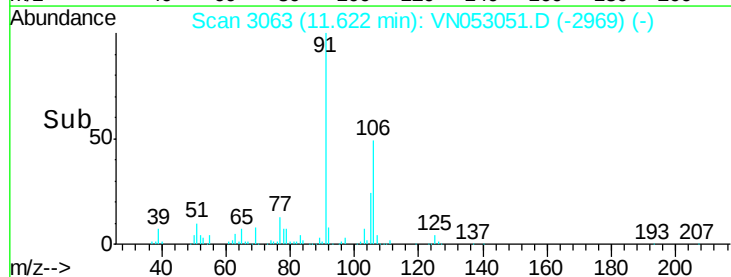
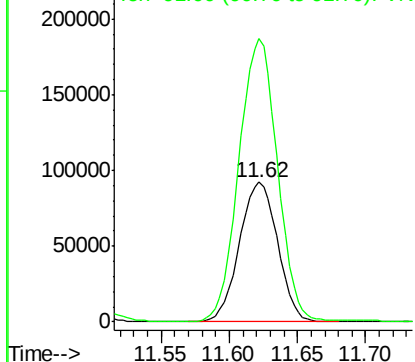


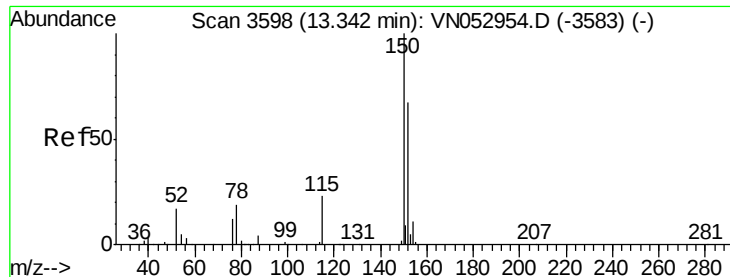
#68
m/p-Xylenes
Concen: 6.890 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion:106 Resp: 179494
Ion Ratio Lower Upper
106 100
91 204.0 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-3B(17-18FT)1218DL

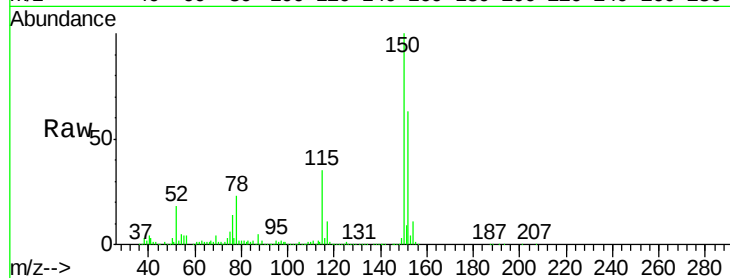
Tgt Ion:152 Resp: 775294

Ion Ratio Lower Upper

152 100

115 60.3 28.3 85.0

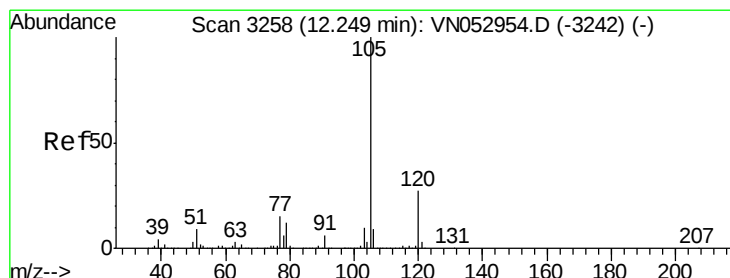
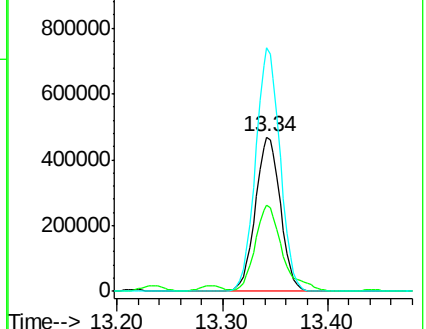
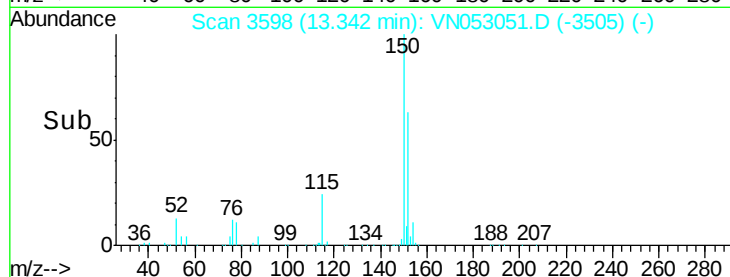
150 154.2 0.0 347.8



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: 4.204 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053051.D

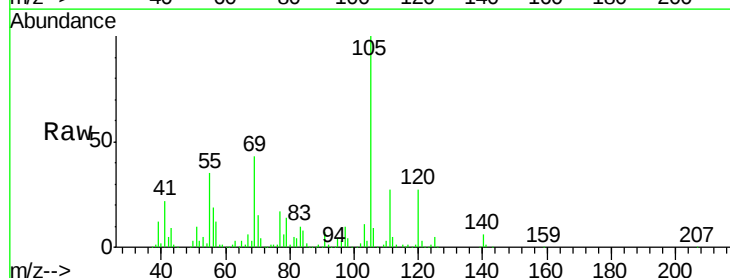
Acq: 20 Dec 2018 12:47

Tgt Ion:105 Resp: 255029

Ion Ratio Lower Upper

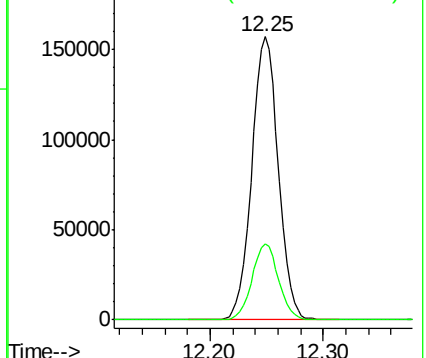
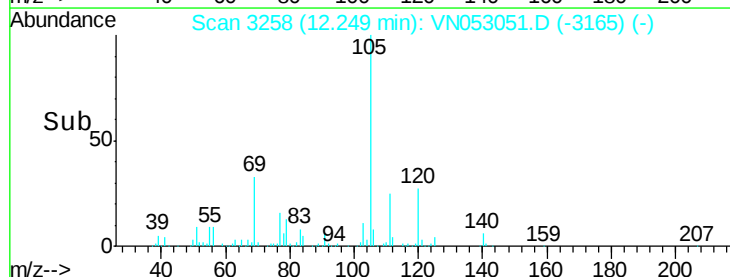
105 100

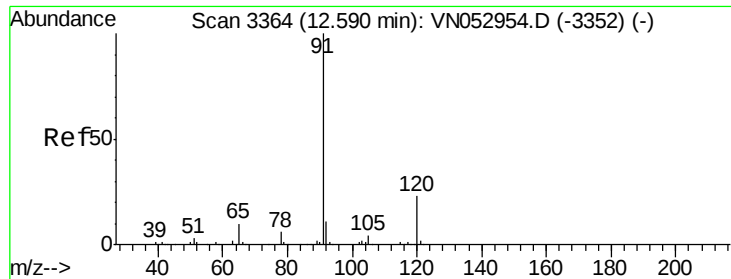
120 26.8 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 10.247 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

Instrument :

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ClientSampleId :

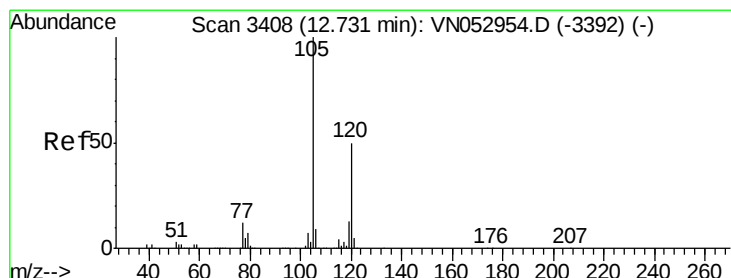
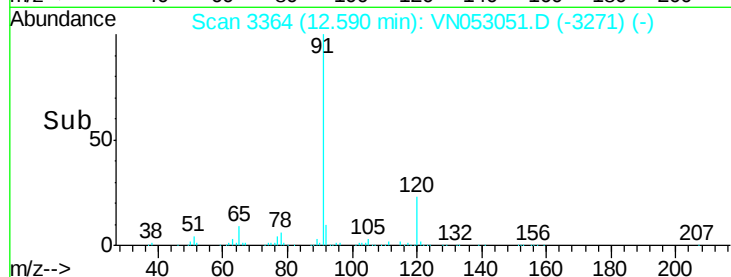
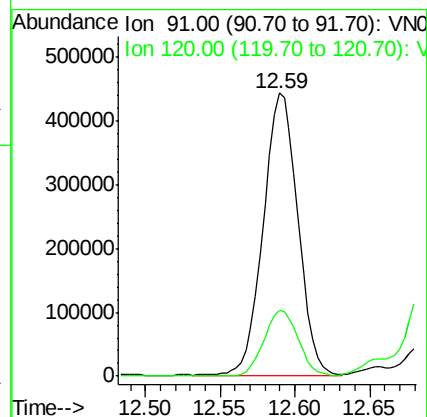
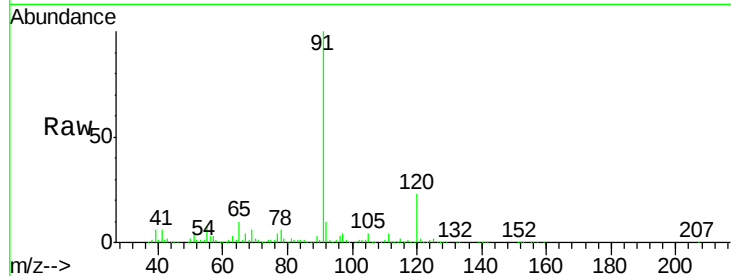
EP1-SBR-3B(17-18FT)1218DL

Tgt Ion: 91 Resp: 707956

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.5



#80

1,3,5-Trimethylbenzene

Concen: 22.883 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN053051.D

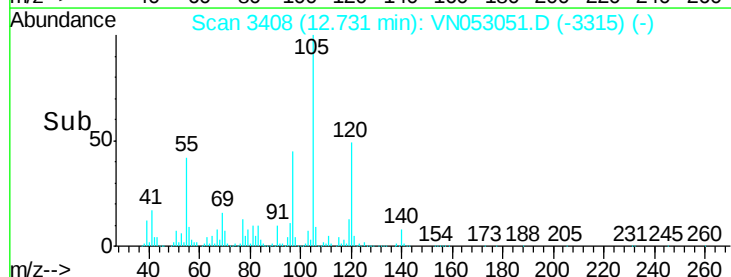
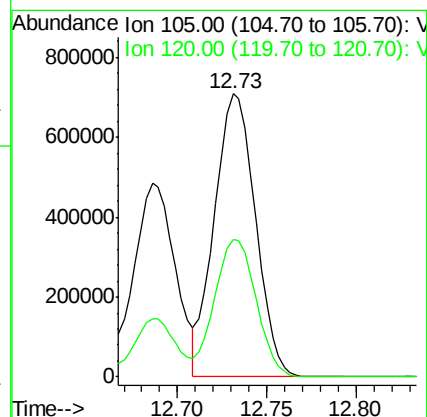
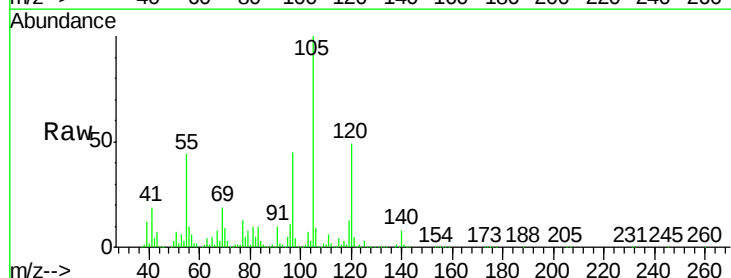
Acq: 20 Dec 2018 12:47

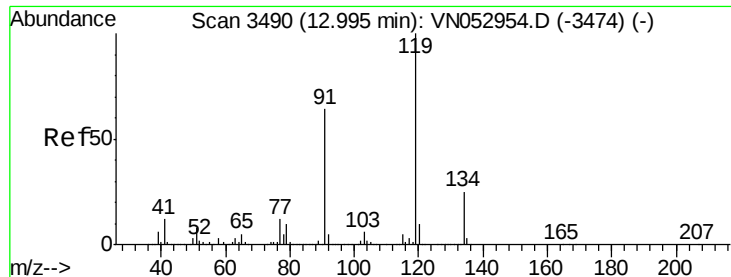
Tgt Ion: 105 Resp: 1131415

Ion Ratio Lower Upper

105 100

120 49.1 24.4 73.2

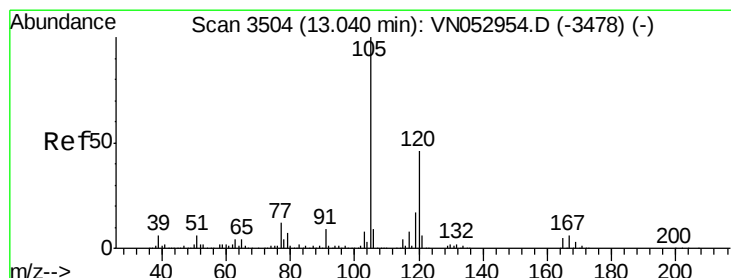
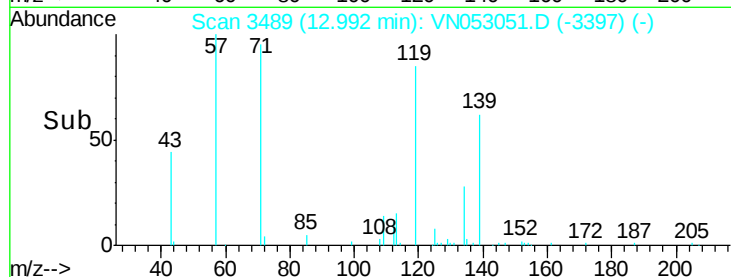
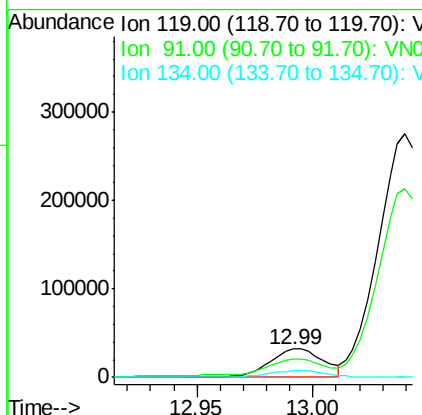
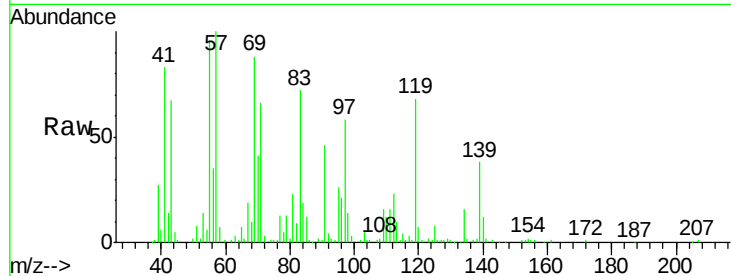




#83
 tert-Butylbenzene
 Concen: 1.153 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN053051.D
 Acq: 20 Dec 2018 12:47

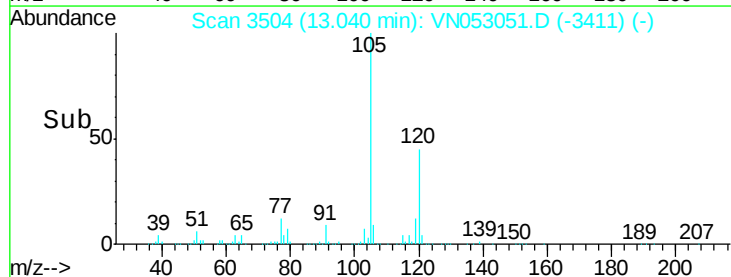
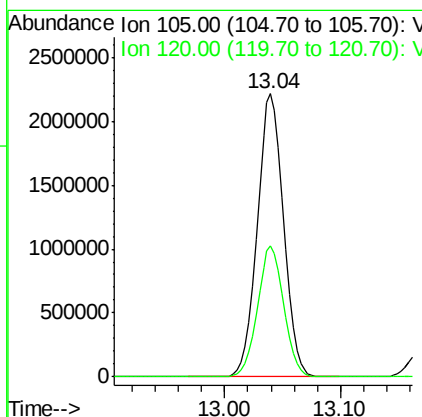
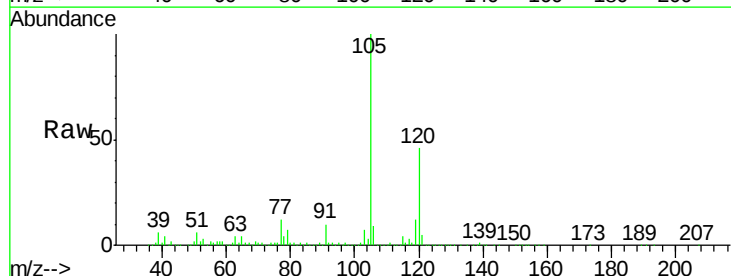
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-3B(17-18FT)1218DL

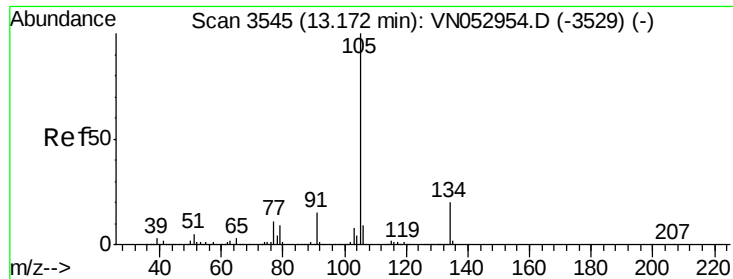
Tgt Ion:119 Resp: 50427
 Ion Ratio Lower Upper
 119 100
 91 69.6 31.9 95.5
 134 25.7 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 70.250 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053051.D
 Acq: 20 Dec 2018 12:47

Tgt Ion:105 Resp: 3491726
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.8

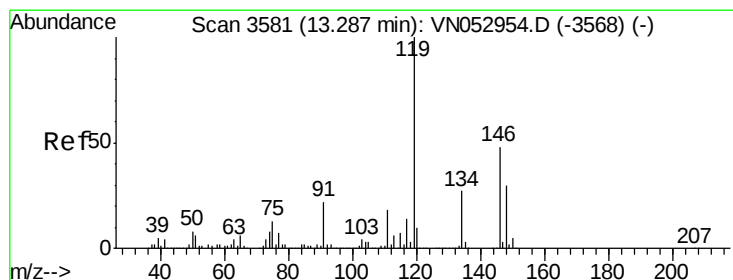
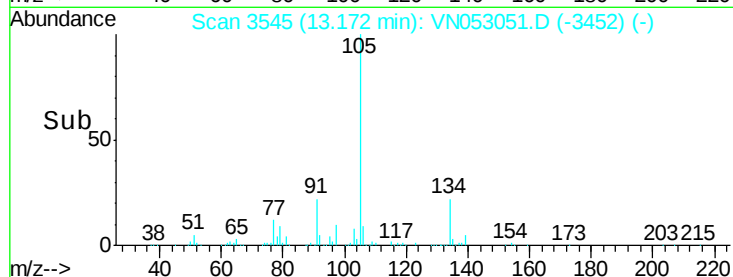
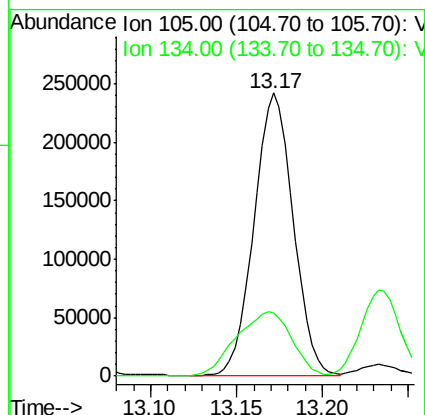
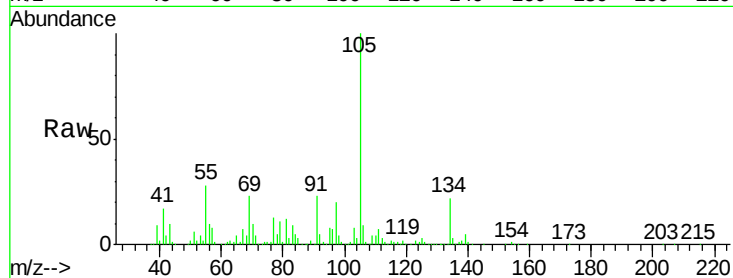




#85
 sec-Butylbenzene
 Concen: 6.418 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053051.D
 Acq: 20 Dec 2018 12:47

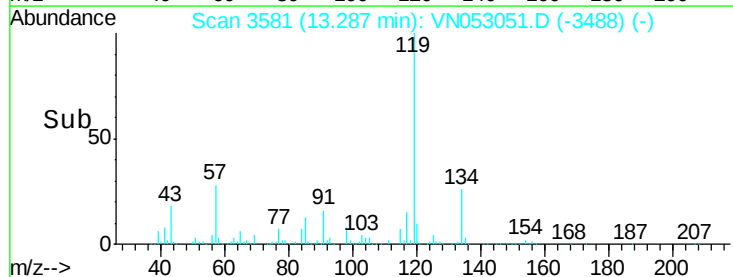
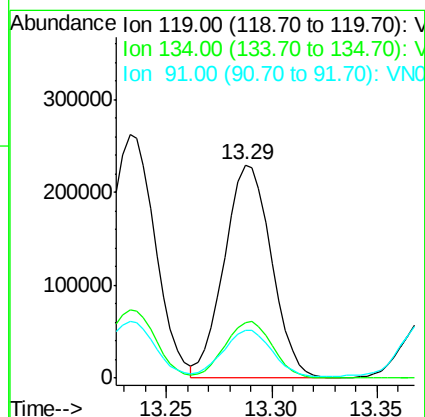
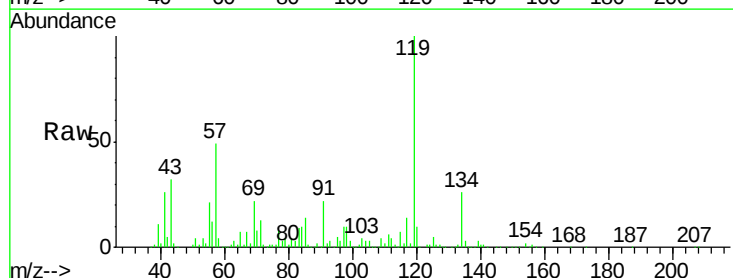
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-3B(17-18FT)1218DL

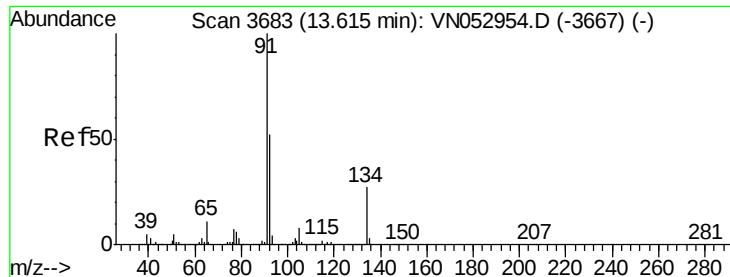
Tgt Ion:105 Resp: 379577
 Ion Ratio Lower Upper
 105 100
 134 32.6 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 6.946 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN053051.D
 Acq: 20 Dec 2018 12:47

Tgt Ion:119 Resp: 355004
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 22.0 11.1 33.3

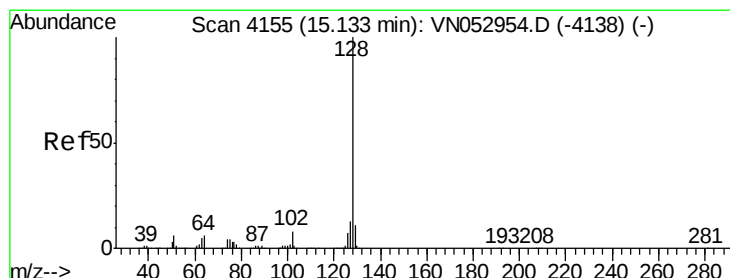
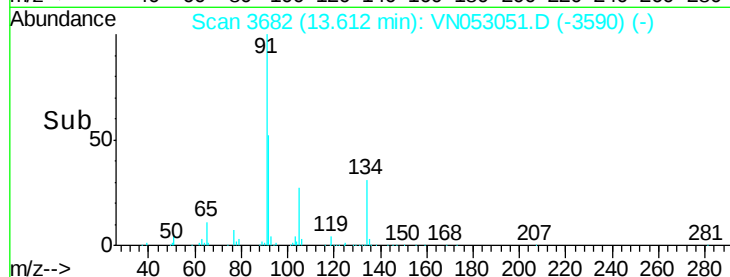
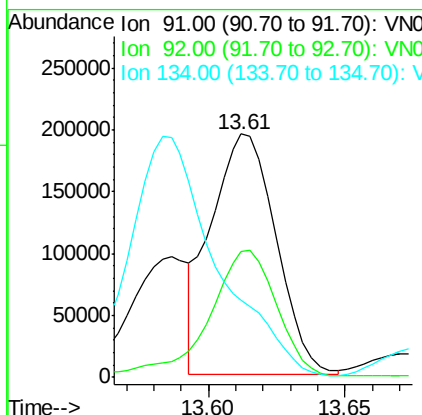
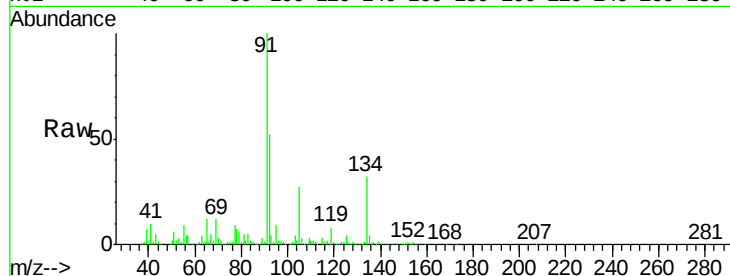




#89
n-Butylbenzene
Concen: 7.309 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-3B(17-18FT)1218DL

Tgt Ion: 91 Resp: 321352
Ion Ratio Lower Upper
91 100
92 54.2 26.3 78.9
134 0.0 13.3 39.8#



#95
Naphthalene
Concen: 1.345 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion: 128 Resp: 6185
Ion Ratio Lower Upper
128 100
127 26.0 10.2 15.4#
129 0.0 8.6 13.0#

