

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053052.D
 Acq On : 20 Dec 2018 13:14
 Operator : MD\SY
 Sample : J6411-11DL 100X
 Misc : 6.89g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-4A(12-13FT)1218DL

Quant Time: Dec 21 00:57:13 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

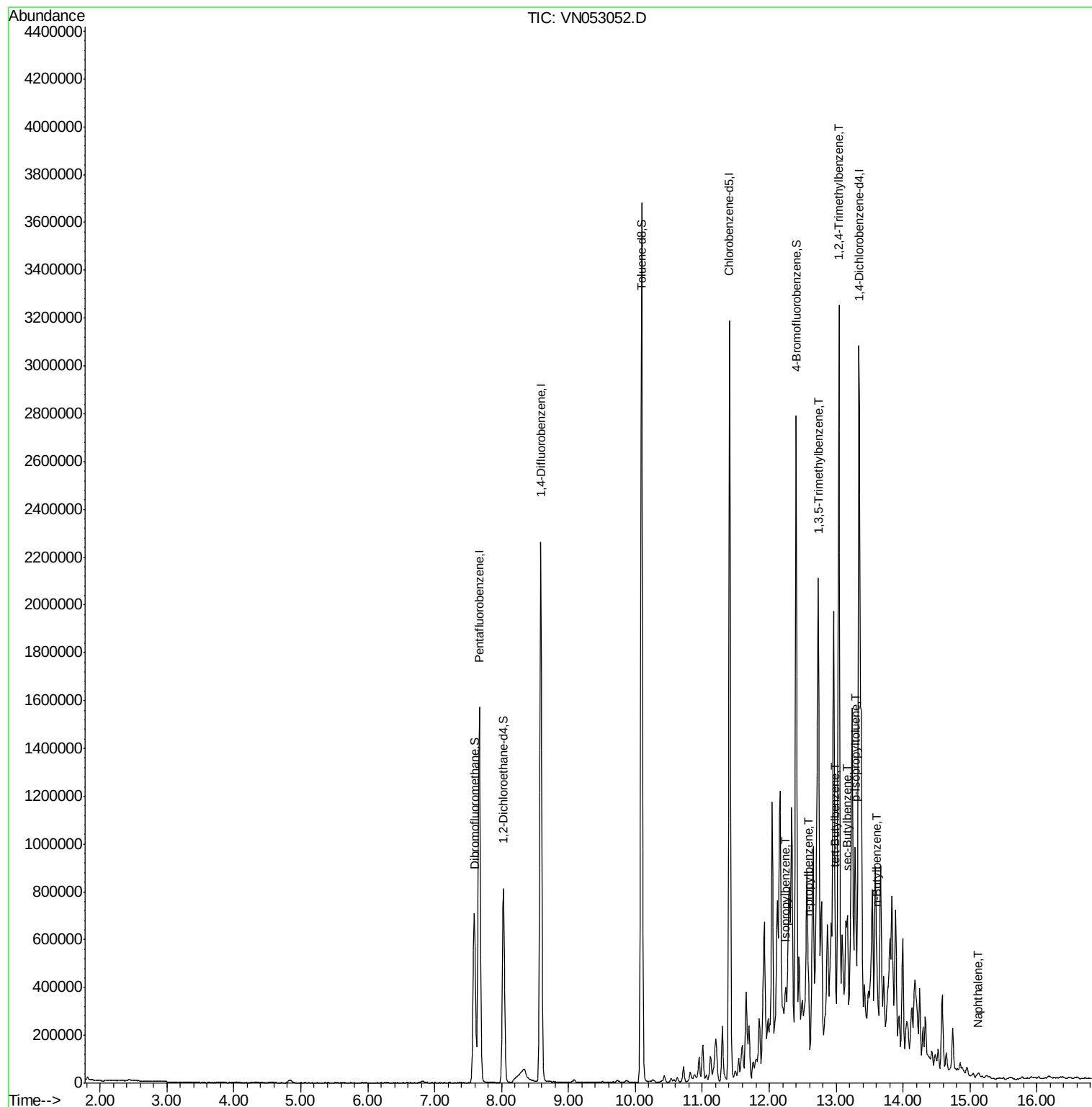
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1397912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2149352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1953294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	810668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	673697	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
35) Dibromofluoromethane	7.59	113	553847	56.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.82%	
50) Toluene-d8	10.09	98	2618738	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.40	95	904763	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
Target Compounds						
					Qvalue	
73) Isopropylbenzene	12.25	105	84121	1.326	ug/l	99
78) n-propylbenzene	12.59	91	195772	2.710	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	535529	10.359	ug/l	99
83) tert-Butylbenzene	12.99	119	22773	0.498	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	1637824	31.514	ug/l	99
85) sec-Butylbenzene	13.17	105	146646	2.371	ug/l #	77
86) p-Isopropyltoluene	13.29	119	145208	2.717	ug/l	99
89) n-Butylbenzene	13.61	91	128619	2.798	ug/l #	79
95) Naphthalene	15.13	128	12130	1.518	ug/l #	94

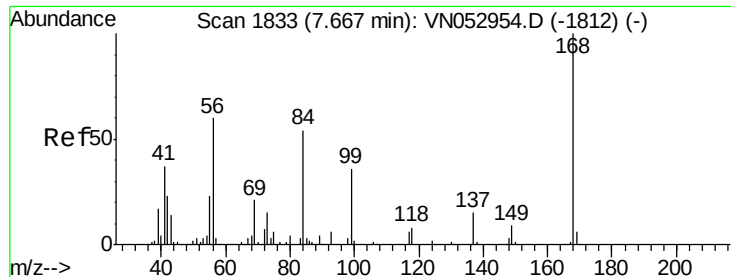
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122018\
Data File : VN053052.D
Acq On : 20 Dec 2018 13:14
Operator : MD\SY
Sample : J6411-11DL 100X
Misc : 6.89g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-4A(12-13FT)1218DL

Quant Time: Dec 21 00:57:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
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: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

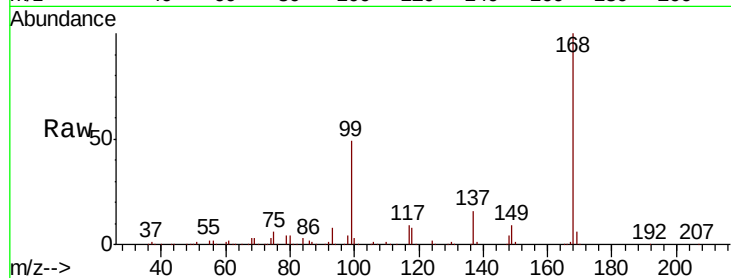
EP1-SBR-4A(12-13FT)1218DL

Tot Ion:168 Resp: 1397912

Ion Ratio Lower Upper

168 100

99 49.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

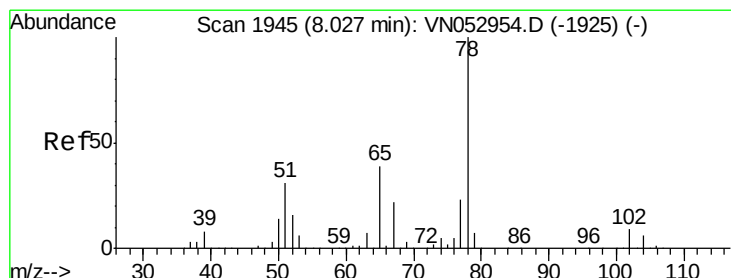
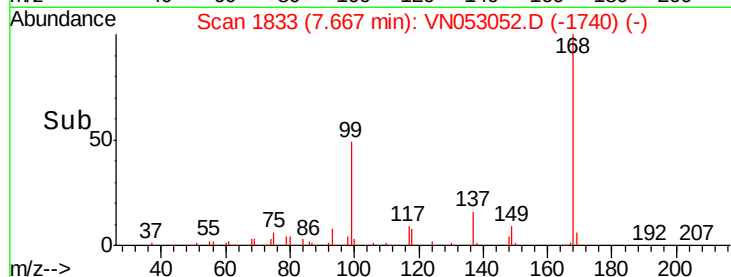
600000

400000

200000

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: VN053052.D

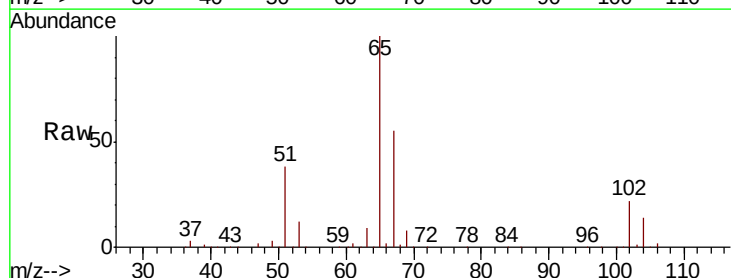
Acq: 20 Dec 2018 13:14

Tgt Ion: 65 Resp: 673697

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

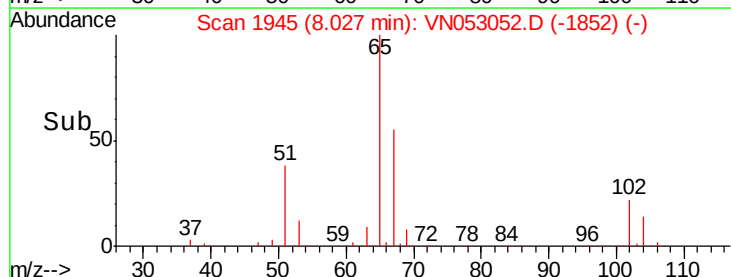
300000

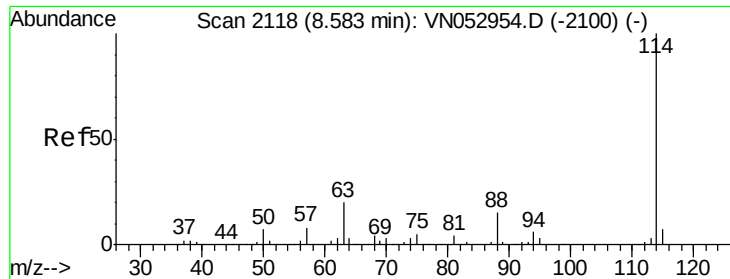
200000

100000

0

Time-->

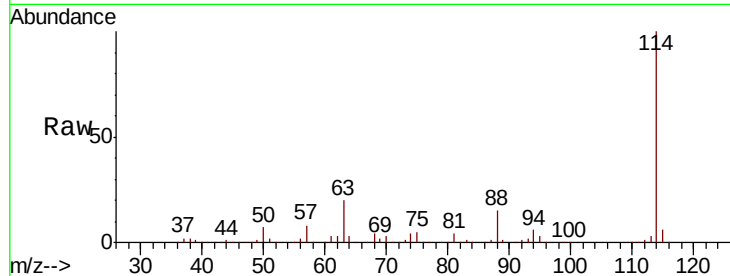




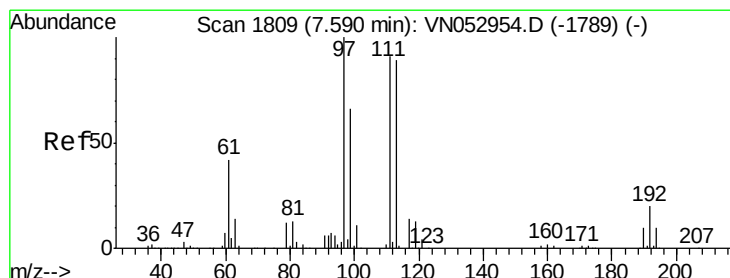
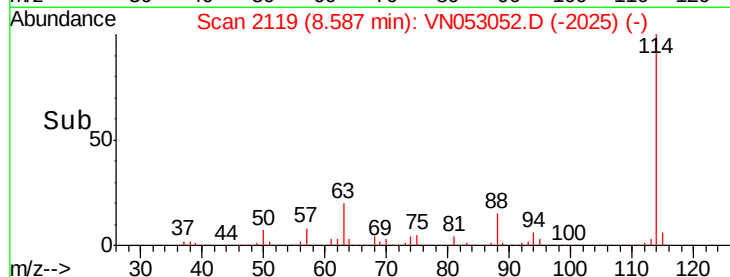
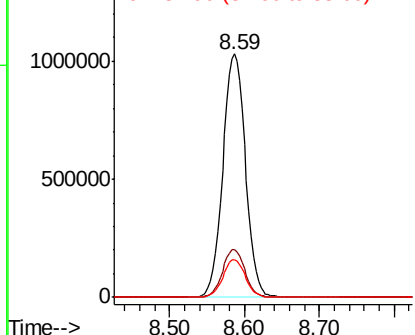
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053052.D
Acq: 20 Dec 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-4A(12-13FT)1218DL

Tot Ion:114 Resp: 2149352
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.8
88 15.4 0.0 31.0

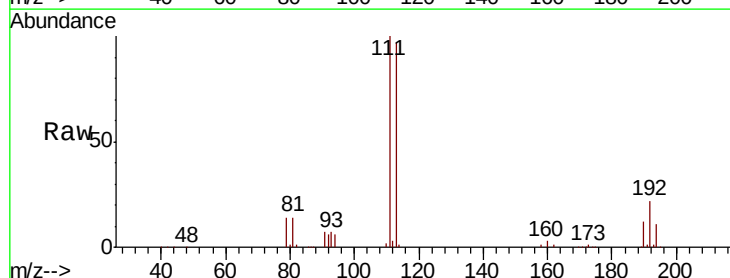


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

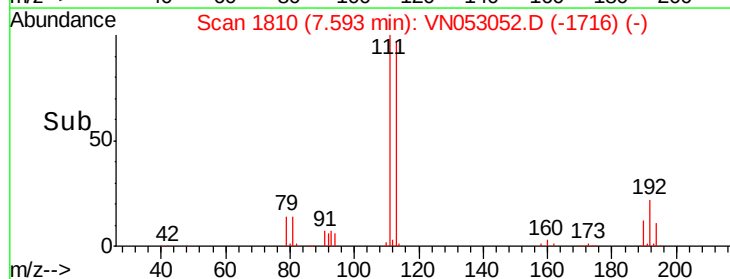
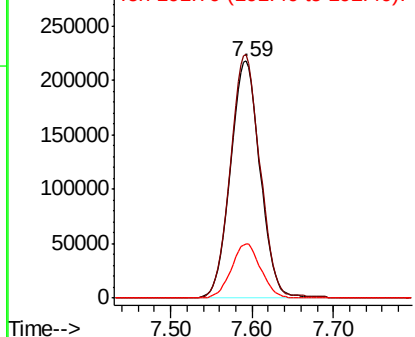


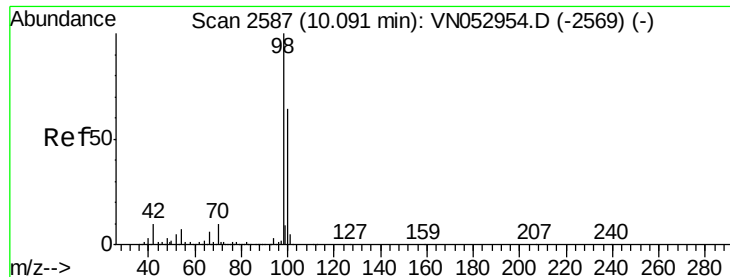
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053052.D
Acq: 20 Dec 2018 13:14

Tgt Ion:113 Resp: 553847
Ion Ratio Lower Upper
113 100
111 101.5 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: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

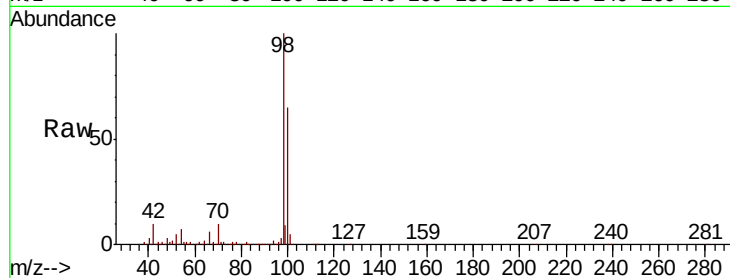
EP1-SBR-4A(12-13FT)1218DL

Tot Ion: 98 Resp: 2618738

Ion Ratio Lower Upper

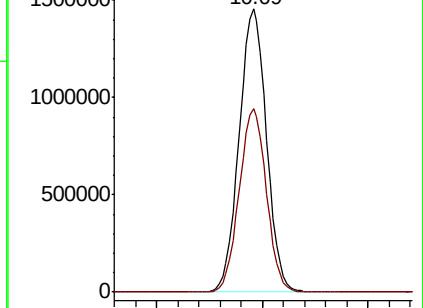
98 100

100 64.6 51.6 77.4

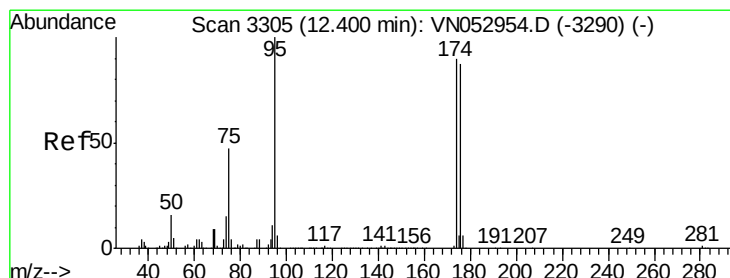
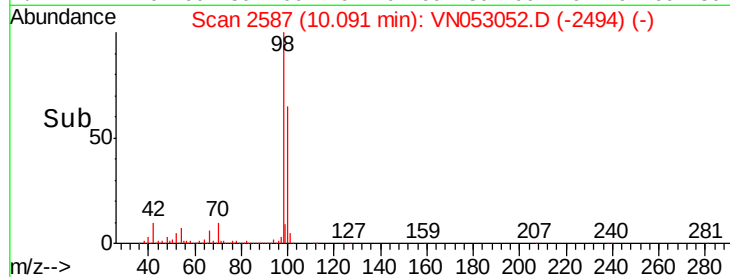


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

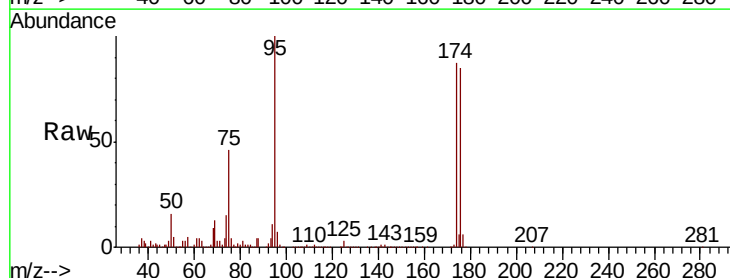
Tgt Ion: 95 Resp: 904763

Ion Ratio Lower Upper

95 100

174 88.2 0.0 178.8

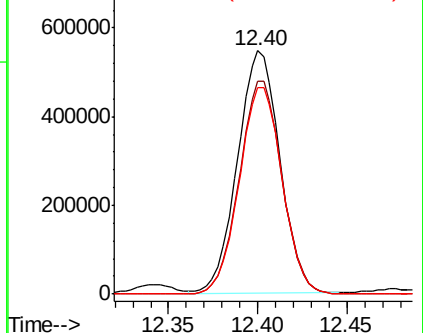
176 86.4 0.0 173.8



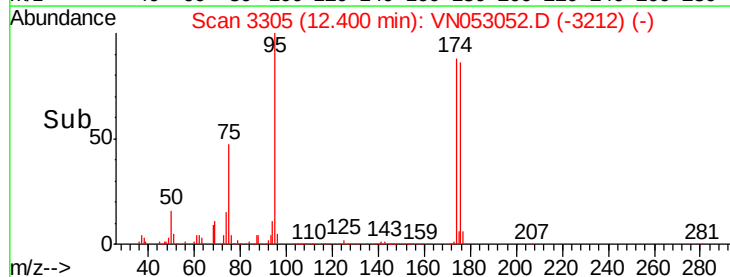
Abundance Ion 94.90 (94.60 to 95.60): VN0

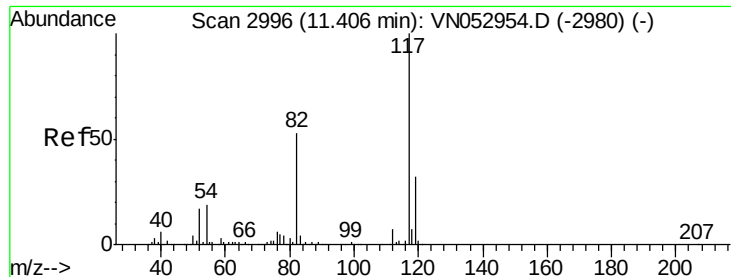
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

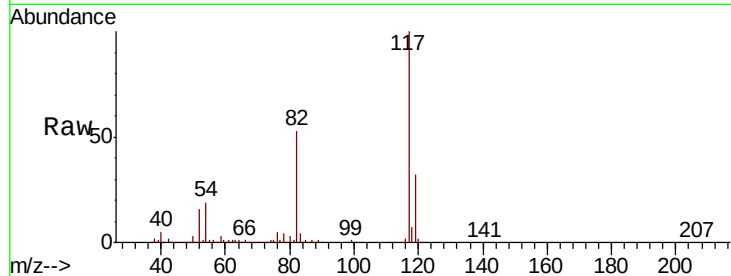




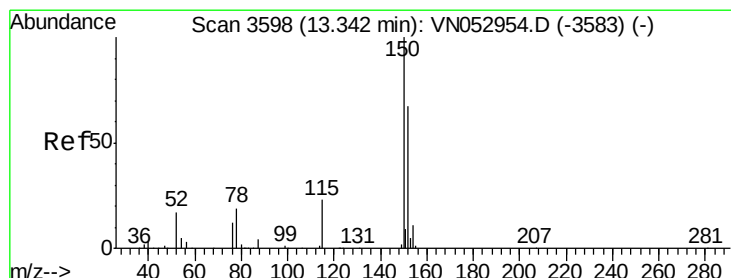
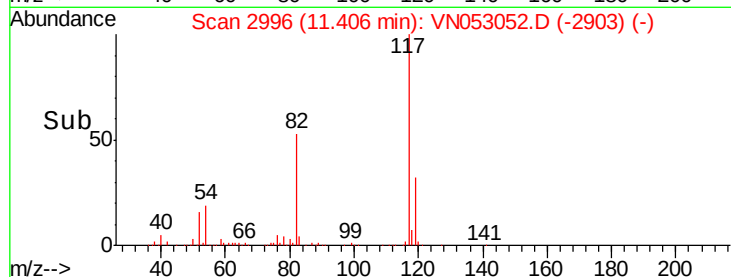
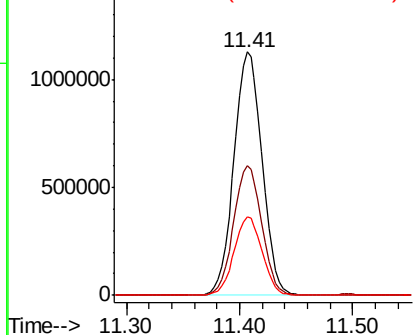
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053052.D
Acq: 20 Dec 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-4A(12-13FT)1218DL

Tot Ion:117 Resp: 1953294
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.0 25.5 38.3

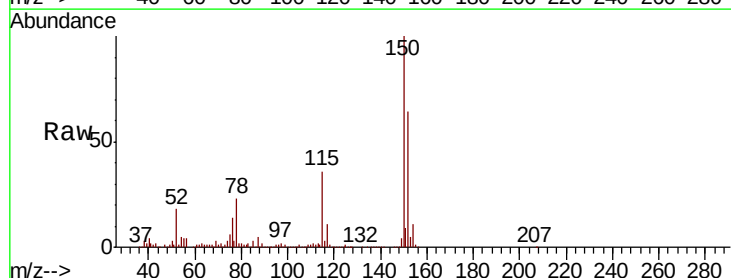


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

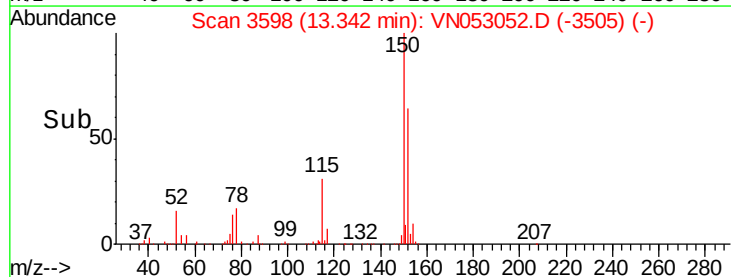
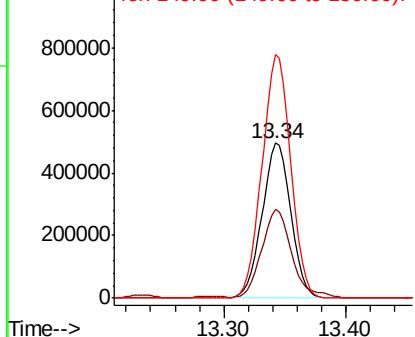


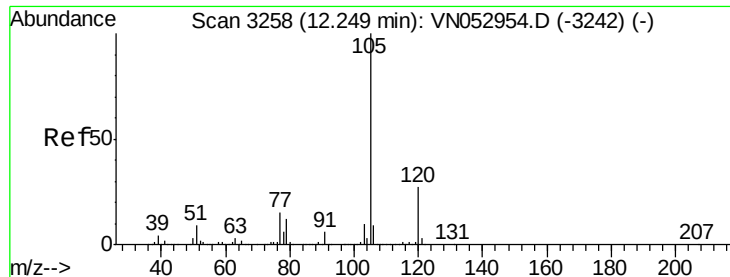
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053052.D
Acq: 20 Dec 2018 13:14

Tgt Ion:152 Resp: 810668
Ion Ratio Lower Upper
152 100
115 59.8 28.3 85.0
150 156.6 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: 1.326 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

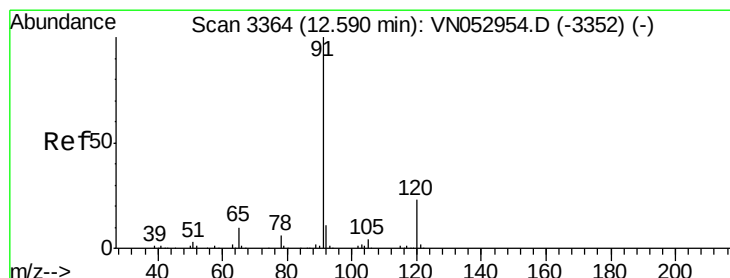
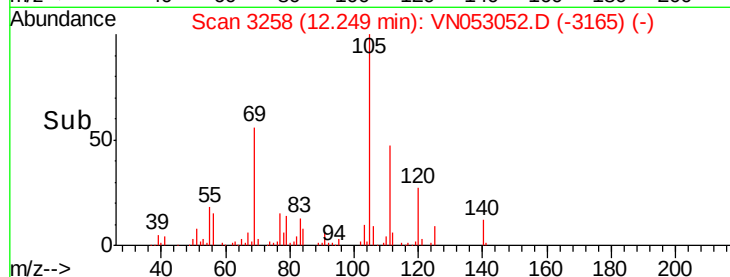
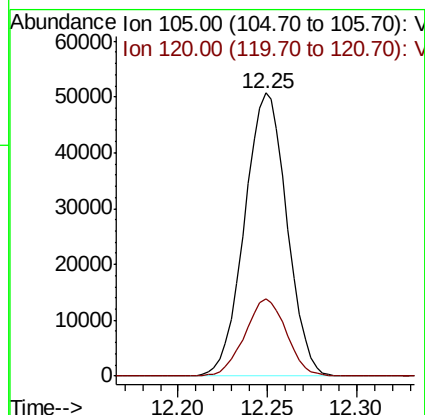
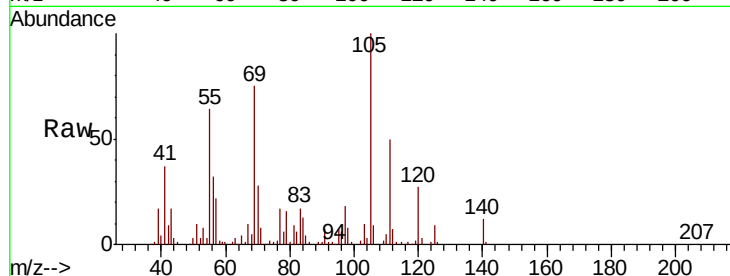
EP1-SBR-4A(12-13FT)1218DL

Tot Ion:105 Resp: 84121

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#78

n-propylbenzene

Concen: 2.710 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053052.D

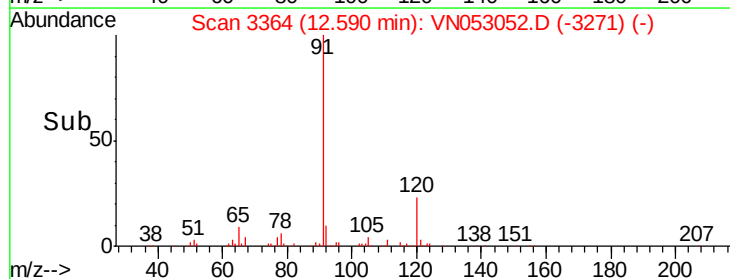
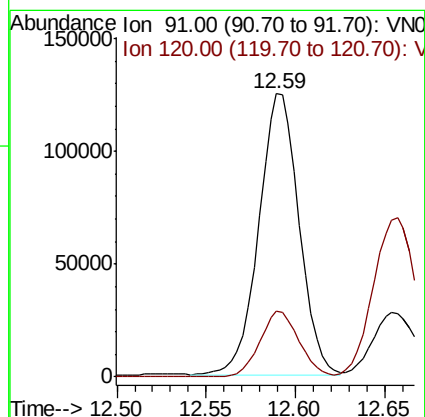
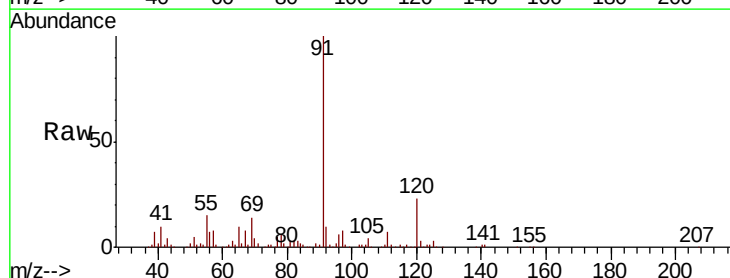
Acq: 20 Dec 2018 13:14

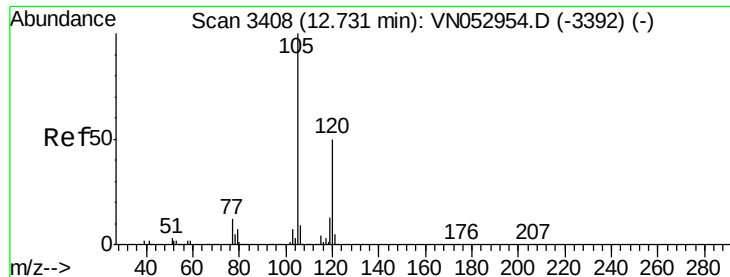
Tgt Ion: 91 Resp: 195772

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.5





#80

1,3,5-Trimethylbenzene

Concen: 10.359 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

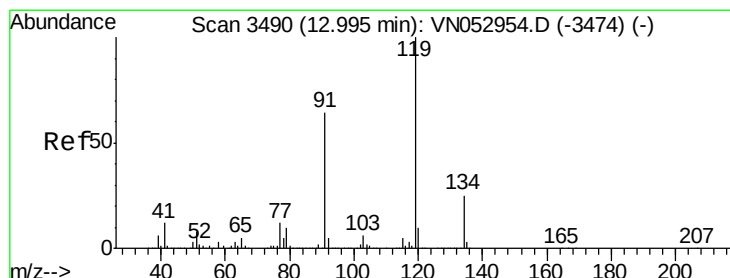
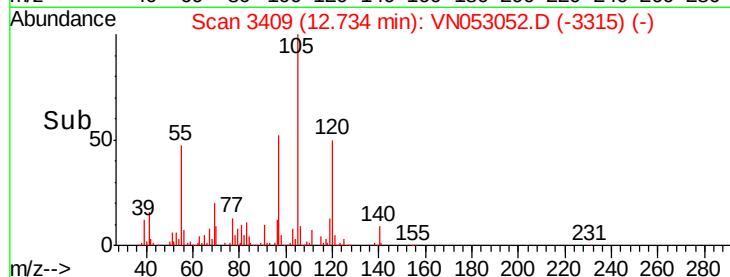
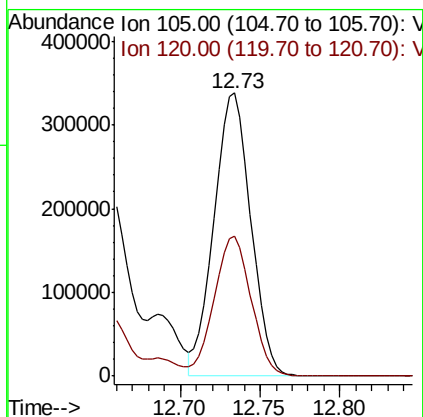
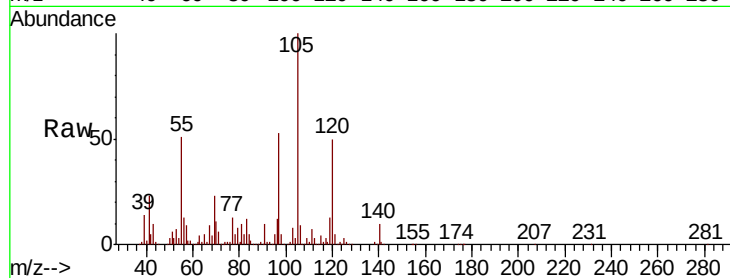
EP1-SBR-4A(12-13FT)1218DL

Tot Ion:105 Resp: 535529

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.2



#83

tert-Butylbenzene

Concen: 0.498 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

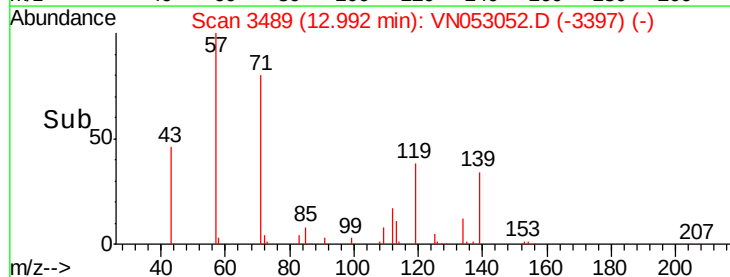
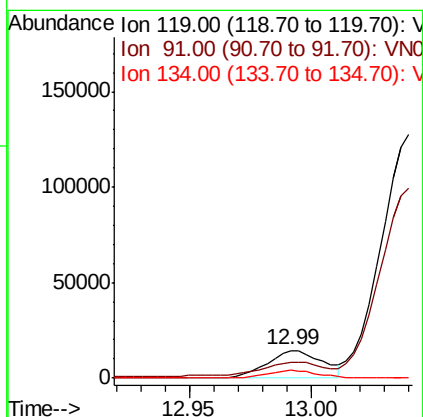
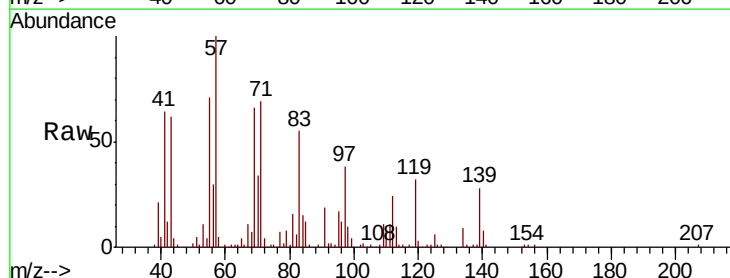
Tgt Ion:119 Resp: 22773

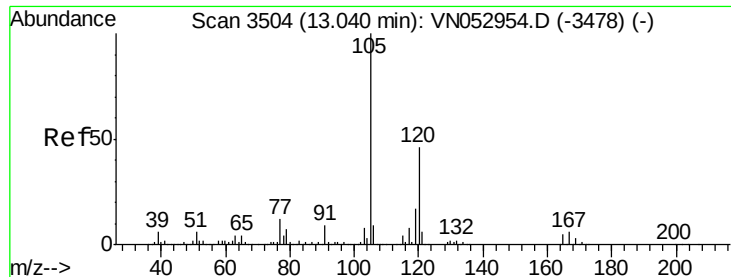
Ion Ratio Lower Upper

119 100

91 58.5 31.9 95.5

134 25.5 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 31.514 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

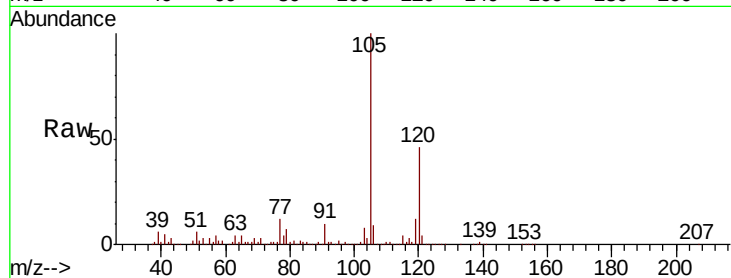
EP1-SBR-4A(12-13FT)1218DL

Tot Ion:105 Resp: 1637824

Ion Ratio Lower Upper

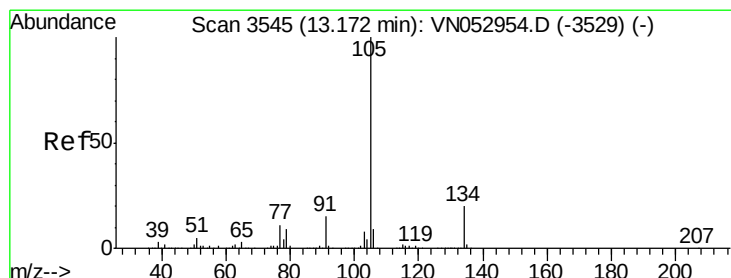
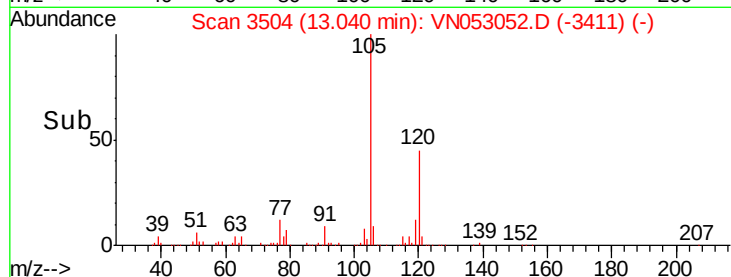
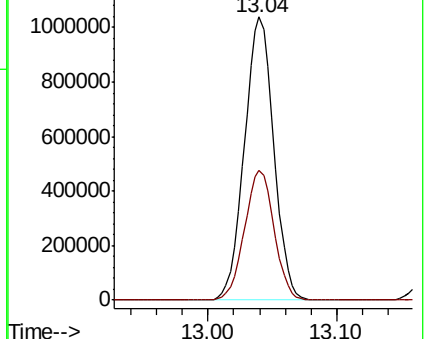
105 100

120 46.5 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 2.371 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN053052.D

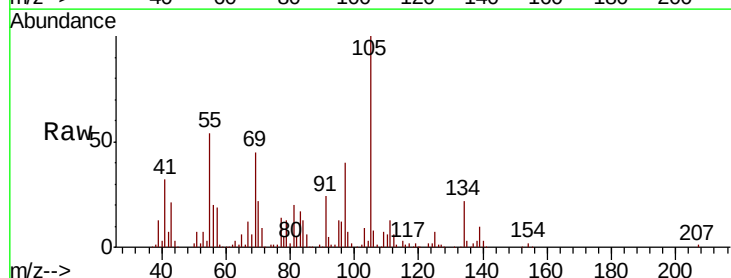
Acq: 20 Dec 2018 13:14

Tgt Ion:105 Resp: 146646

Ion Ratio Lower Upper

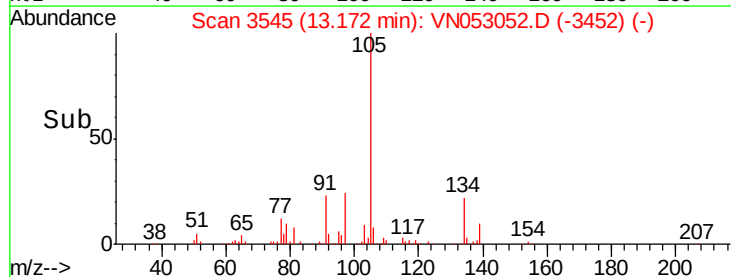
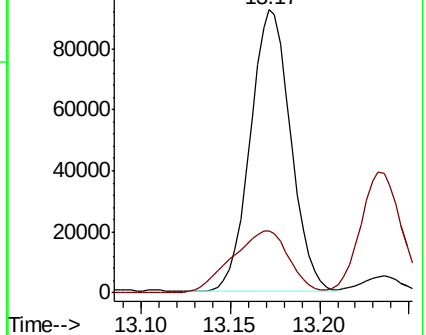
105 100

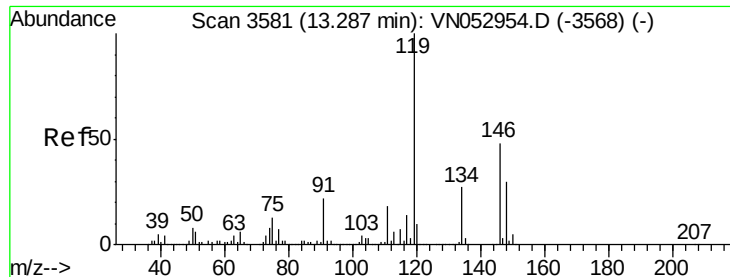
134 30.9 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

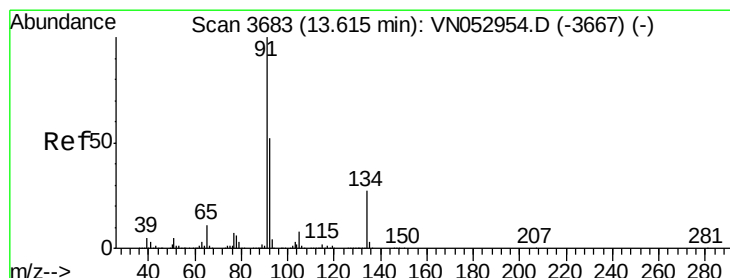
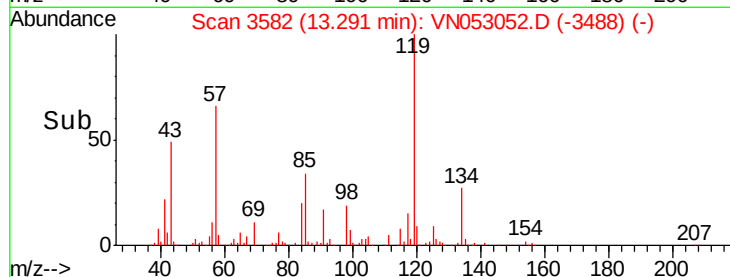
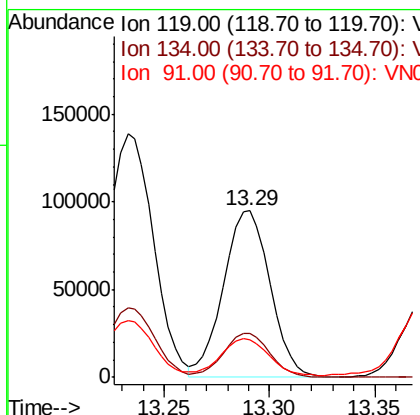
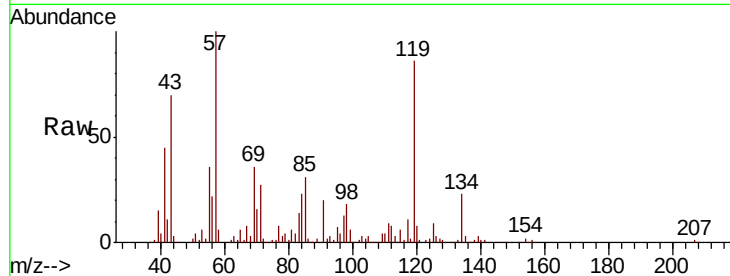




#86
 p-Isopropyltoluene
 Concen: 2.717 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053052.D
 Acq: 20 Dec 2018 13:14

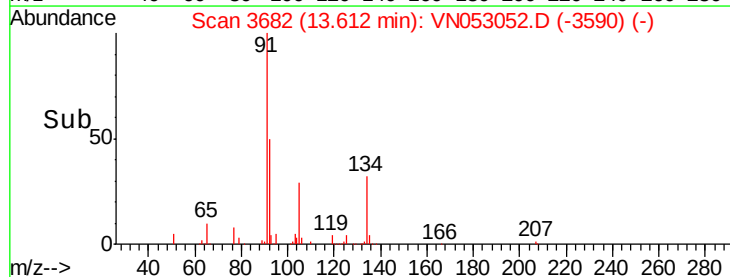
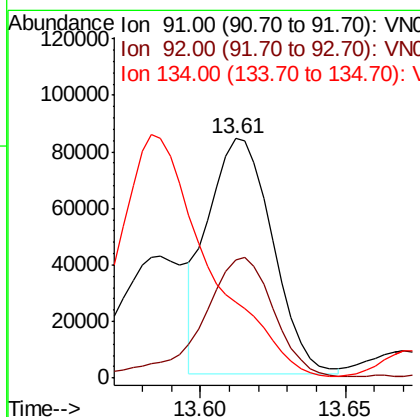
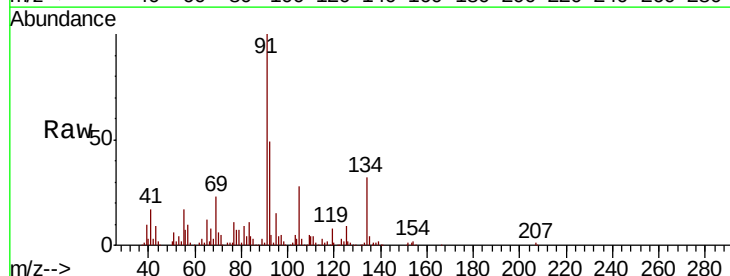
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-4A(12-13FT)1218DL

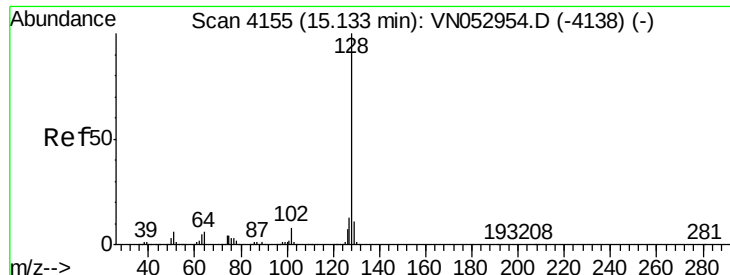
Tot Ion: 119 Resp: 145208
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.2
 91 22.1 11.1 33.3



#89
 n-Butylbenzene
 Concen: 2.798 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN053052.D
 Acq: 20 Dec 2018 13:14

Tgt Ion: 91 Resp: 128619
 Ion Ratio Lower Upper
 91 100
 92 56.0 26.3 78.9
 134 0.0 13.3 39.8#





#95

Naphthalene

Concen: 1.518 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-4A(12-13FT)1218DL

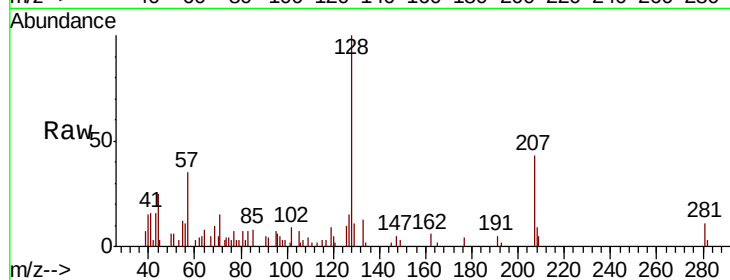
Tot Ion:128 Resp: 12130

Ion Ratio Lower Upper

128 100

127 15.0 10.2 15.4

129 13.5 8.6 13.0#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

