

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053053.D
 Acq On : 20 Dec 2018 13:41
 Operator : MD\SY
 Sample : J6411-12DL 100X
 Misc : 5.72g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 28

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

Quant Time: Dec 21 01:00:17 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

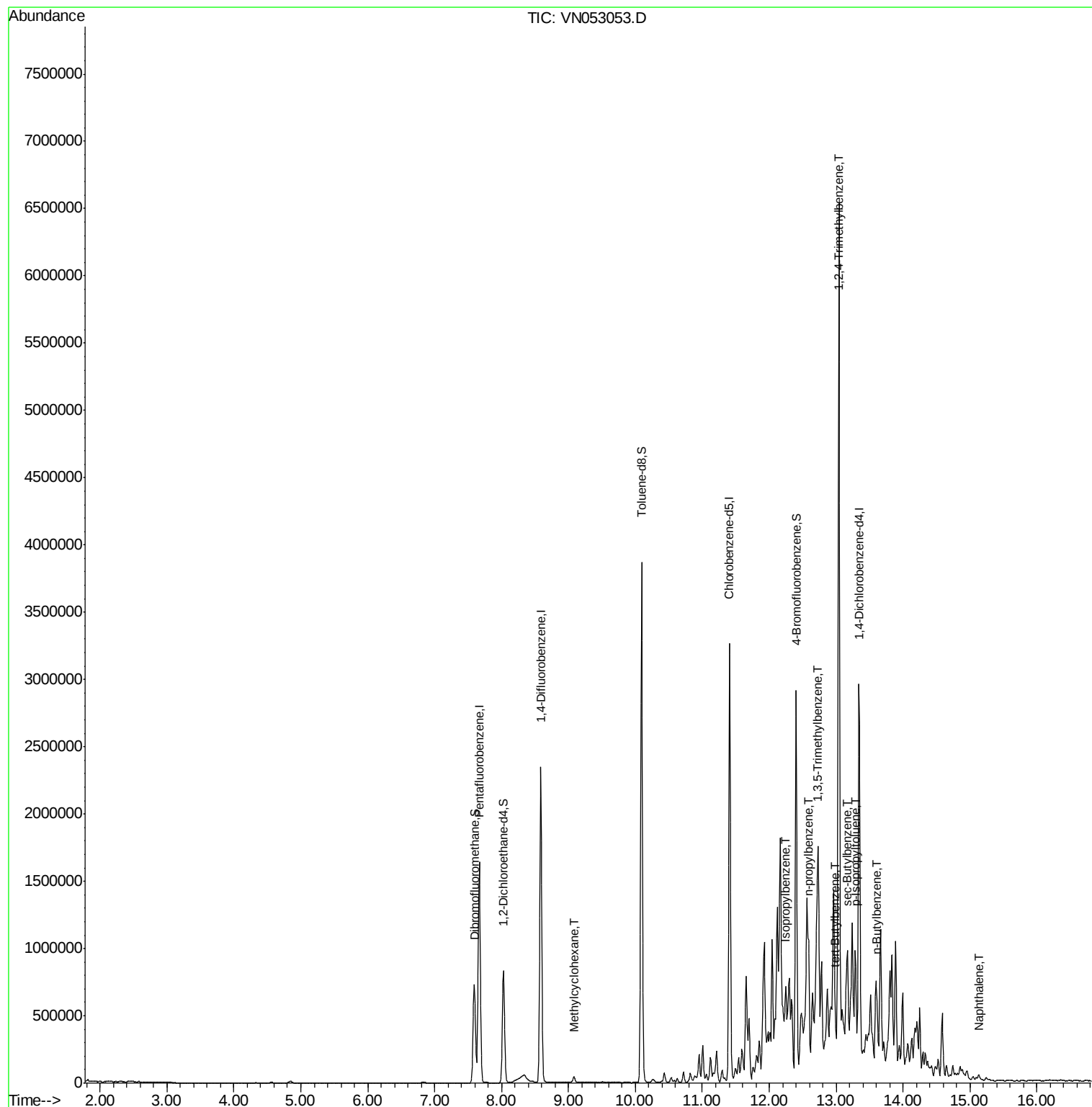
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1451051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2213825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1984794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	809337	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	690144	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
35) Dibromofluoromethane	7.59	113	568205	56.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.38%	
50) Toluene-d8	10.09	98	2709062	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	921736	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.08	83	19402	0.752	ug/l	91
73) Isopropylbenzene	12.25	105	237274	3.747	ug/l	100
78) n-propylbenzene	12.59	91	659477	9.144	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	163004	3.158	ug/l	100
83) tert-Butylbenzene	12.99	119	53675	1.176	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	3553269	68.481	ug/l	99
85) sec-Butylbenzene	13.17	105	352470	5.709	ug/l #	68
86) p-Isopropyltoluene	13.29	119	346301	6.491	ug/l	98
89) n-Butylbenzene	13.62	91	233074	5.078	ug/l #	77
95) Naphthalene	15.13	128	31836	2.124	ug/l #	94

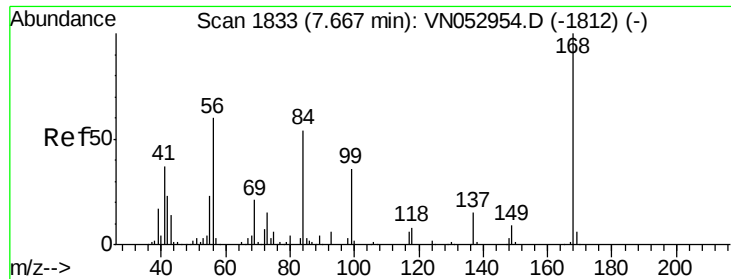
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122018\
Data File : VN053053.D
Acq On : 20 Dec 2018 13:41
Operator : MD\SY
Sample : J6411-12DL 100X
Misc : 5.72g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 28

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

Quant Time: Dec 21 01:00:17 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: VN053053.D

Acq: 20 Dec 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

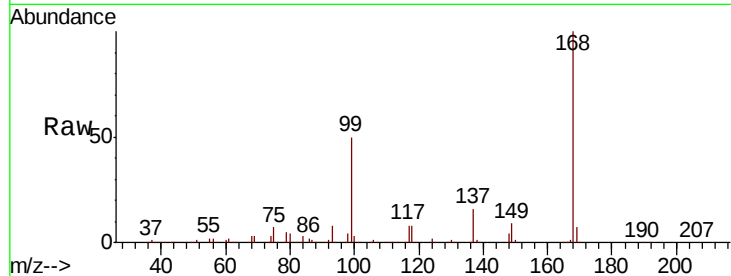
EP1-SBR-4B(12-13FT)1218DL

Tot Ion:168 Resp: 1451051

Ion Ratio Lower Upper

168 100

99 50.1 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

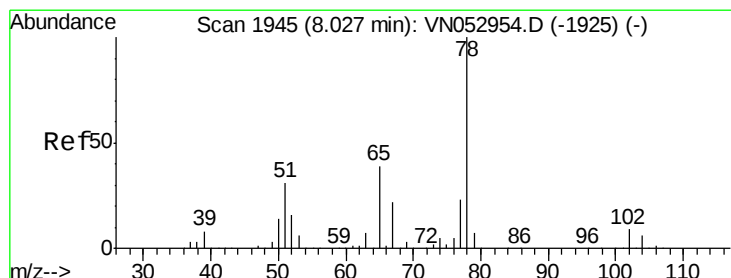
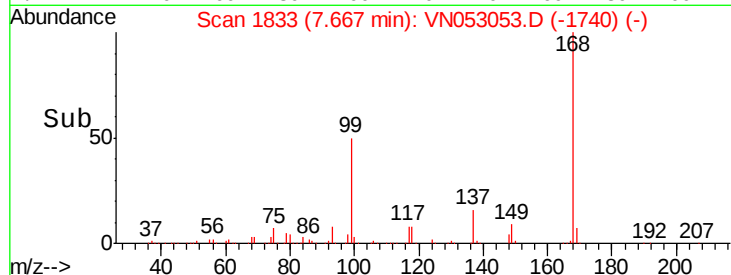
600000

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: VN053053.D

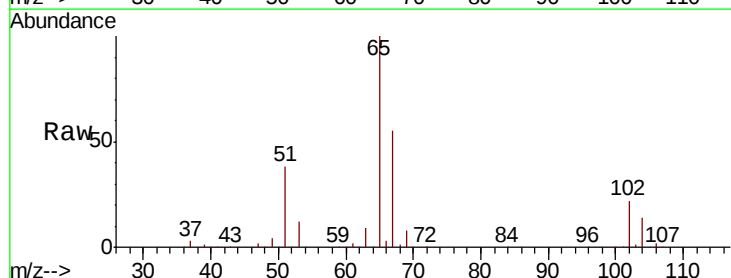
Acq: 20 Dec 2018 13:41

Tgt Ion: 65 Resp: 690144

Ion Ratio Lower Upper

65 100

67 54.8 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

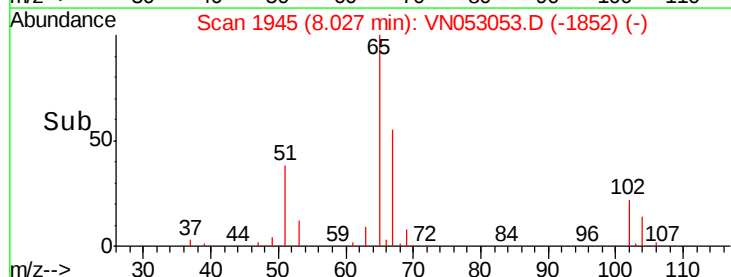
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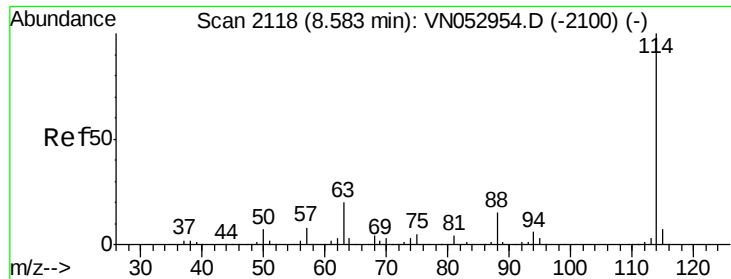
200000

100000

0

Time-->

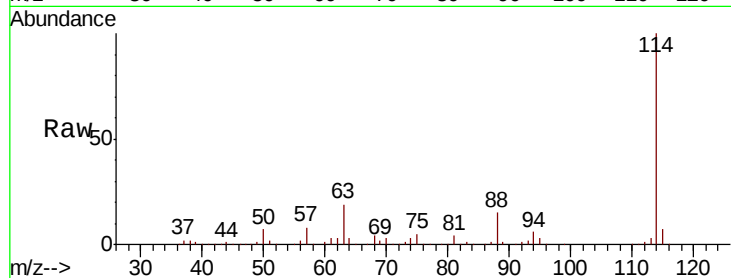




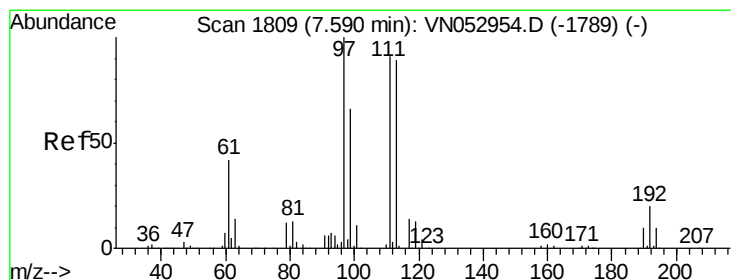
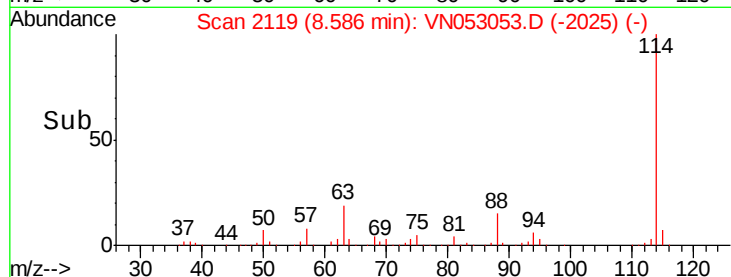
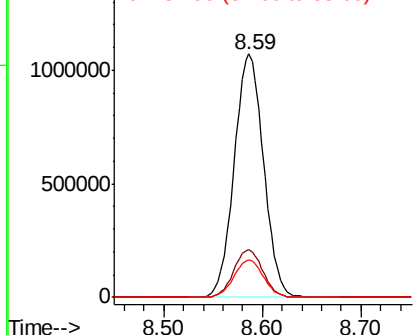
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053053.D
 Acq: 20 Dec 2018 13:41

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

Tot Ion:114 Resp: 2213825
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.8
 88 15.4 0.0 31.0

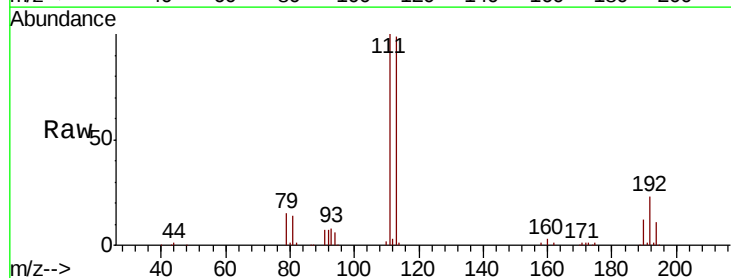


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

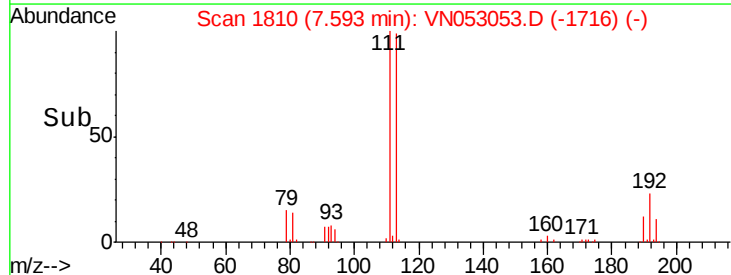
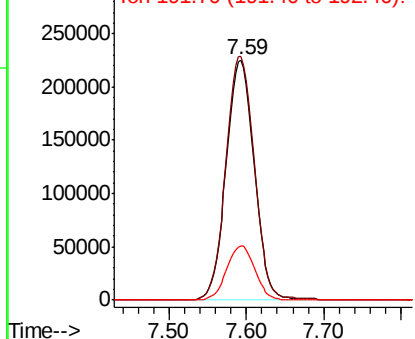


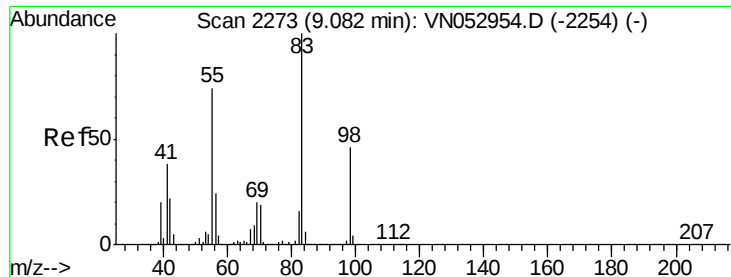
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053053.D
 Acq: 20 Dec 2018 13:41

Tgt Ion:113 Resp: 568205
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.0 124.4
 192 22.8 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

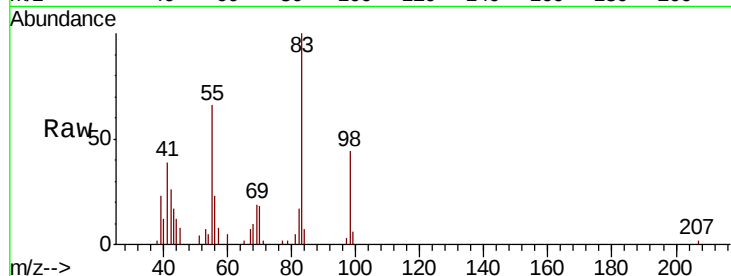




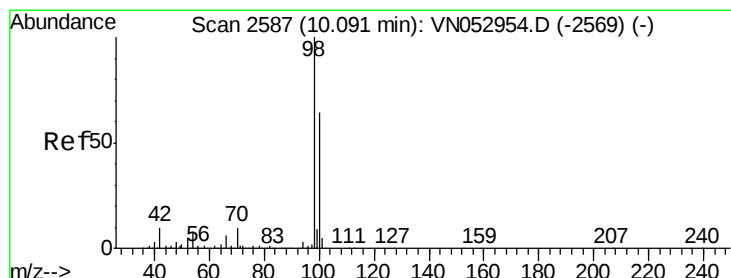
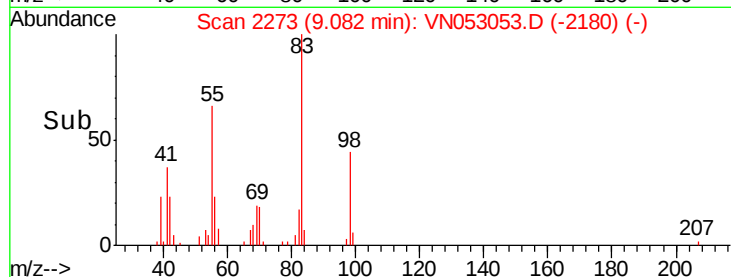
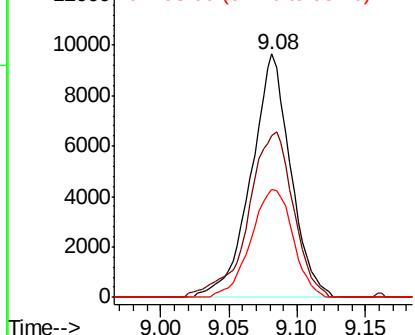
#39
Methylcyclohexane
Concen: 0.752 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

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

Tot Ion: 83 Resp: 19402
Ion Ratio Lower Upper
83 100
55 66.4 61.3 91.9
98 44.1 37.0 55.4

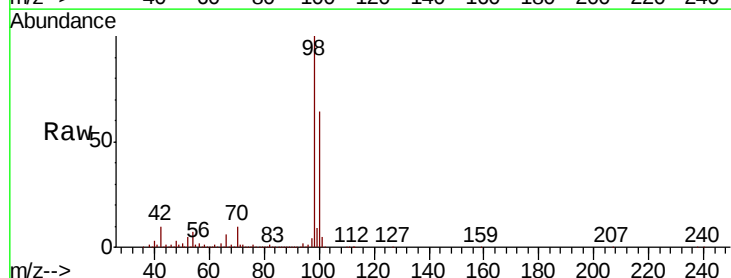


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

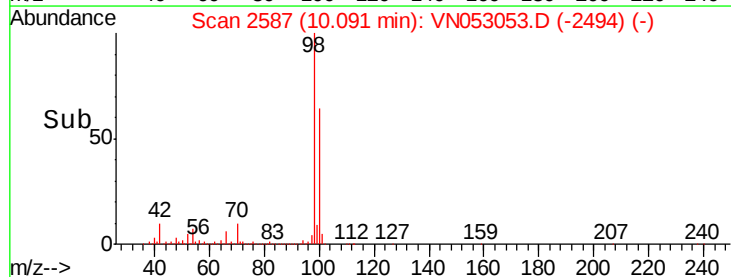
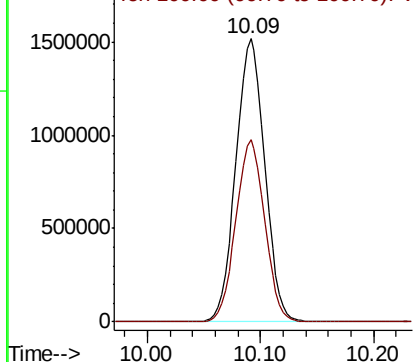


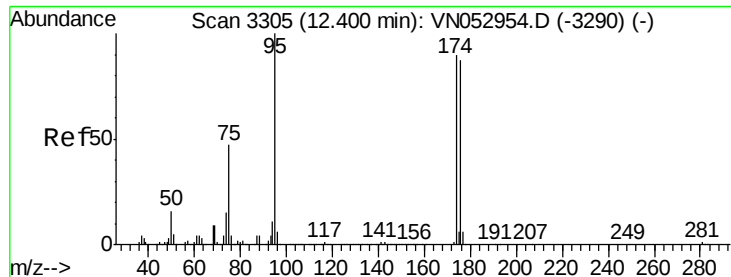
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

Tgt Ion: 98 Resp: 2709062
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

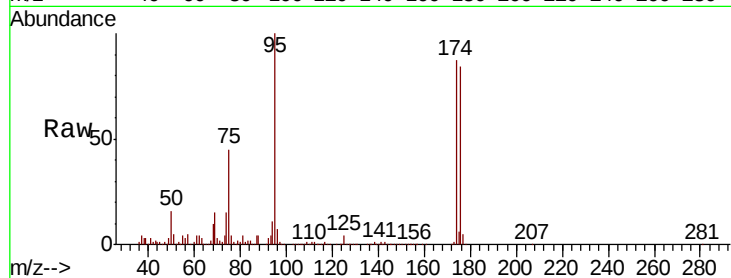




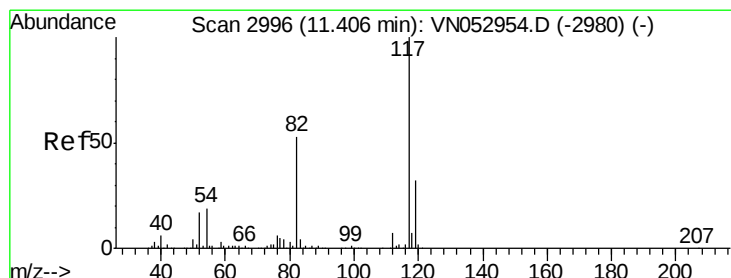
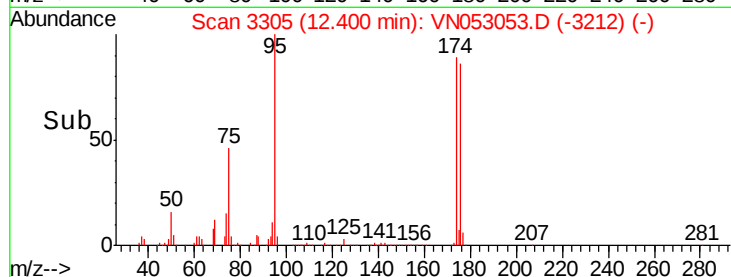
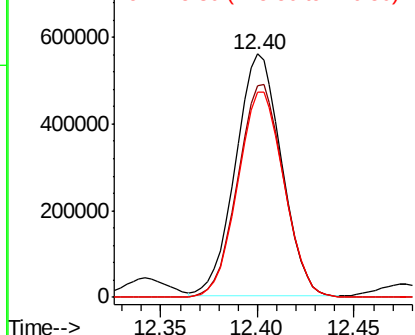
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

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

Tot Ion: 95 Resp: 921736
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.8
176 85.8 0.0 173.8

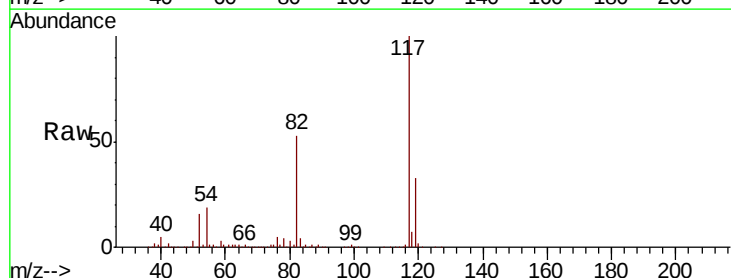


Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)
Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)
Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)

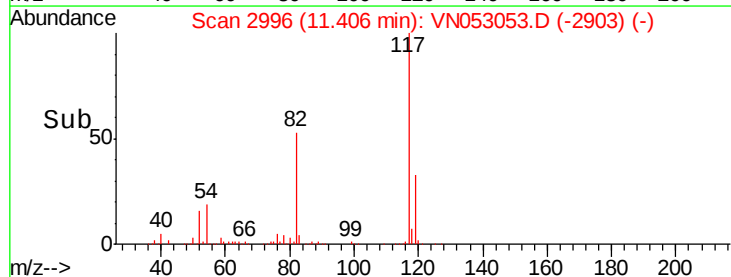
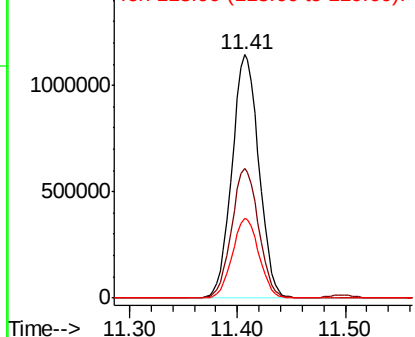


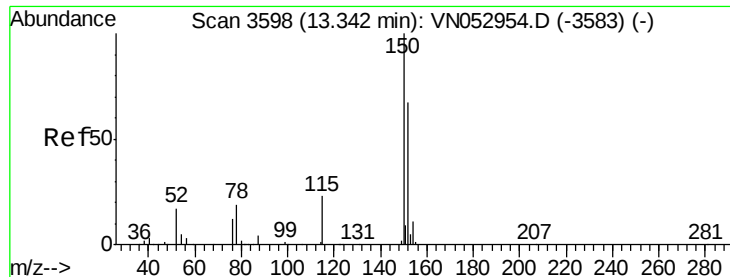
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

Tgt Ion: 117 Resp: 1984794
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)
Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)
Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053053.D

Acq: 20 Dec 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

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

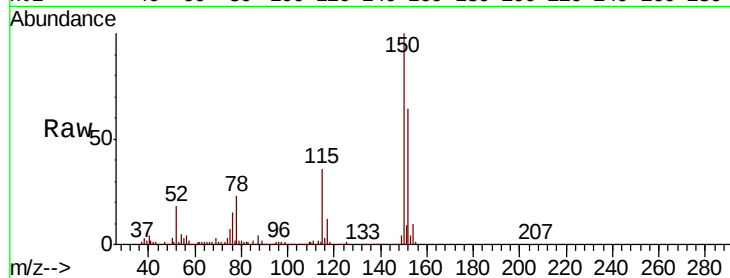
Tot Ion:152 Resp: 809337

Ion Ratio Lower Upper

152 100

115 56.0 28.3 85.0

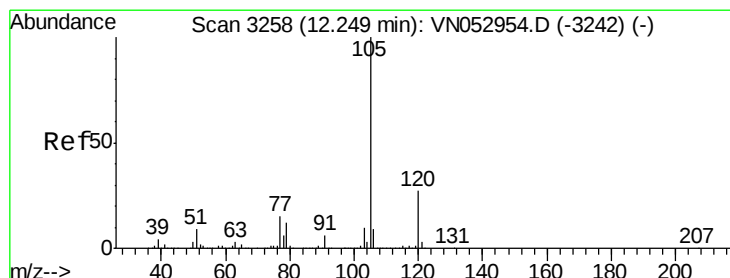
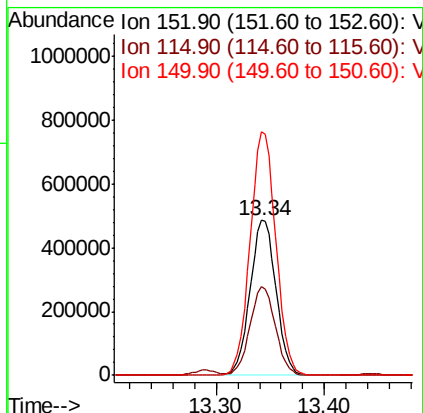
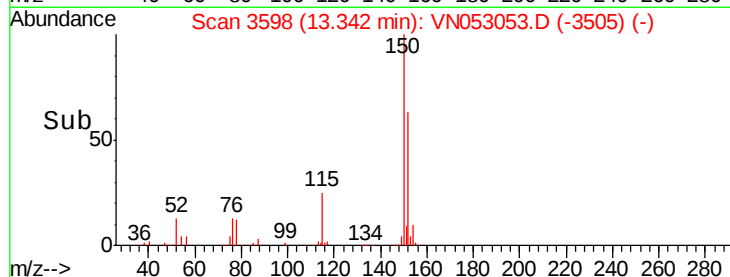
150 155.5 0.0 347.8



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: 3.747 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053053.D

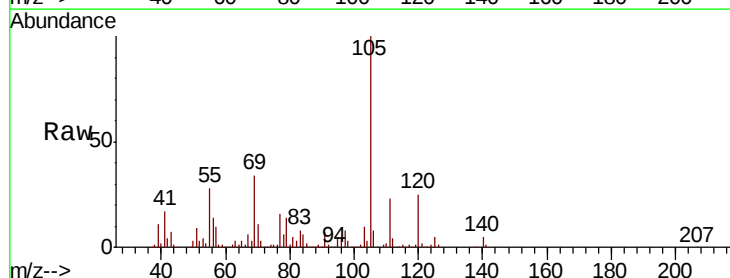
Acq: 20 Dec 2018 13:41

Tgt Ion:105 Resp: 237274

Ion Ratio Lower Upper

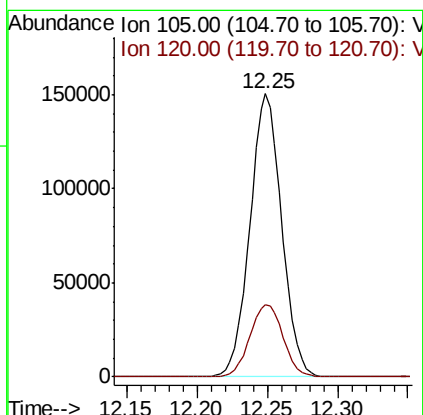
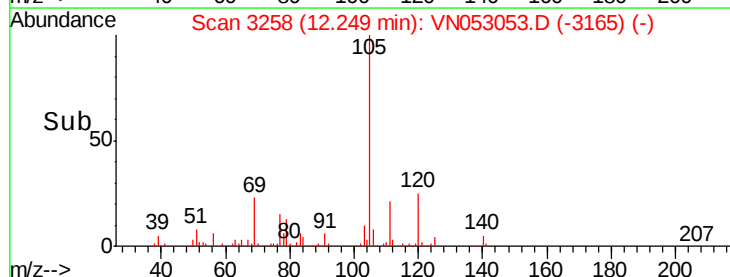
105 100

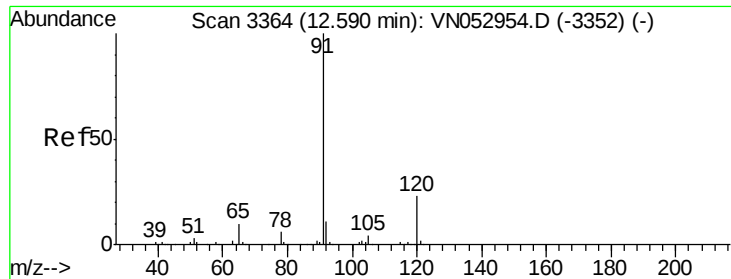
120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 9.144 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053053.D

Acq: 20 Dec 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

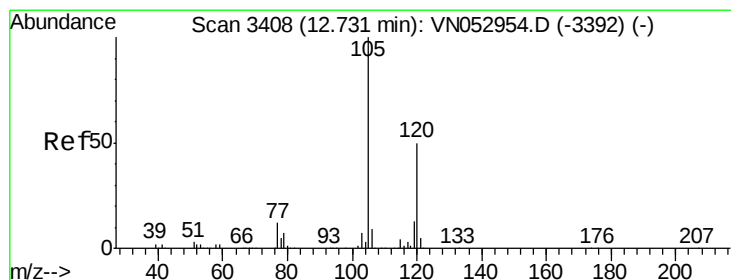
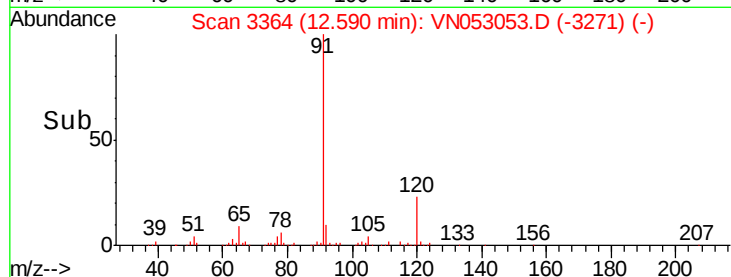
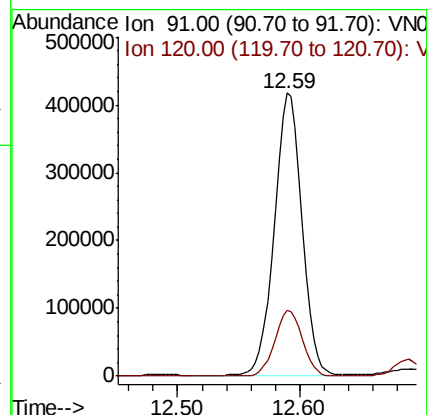
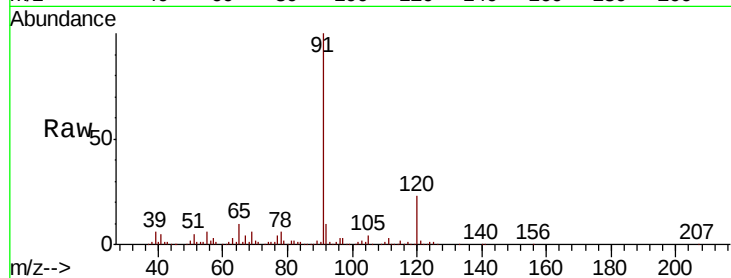
EP1-SBR-4B(12-13FT)1218DL

Tot Ion: 91 Resp: 659477

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.5



#80

1,3,5-Trimethylbenzene

Concen: 3.158 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053053.D

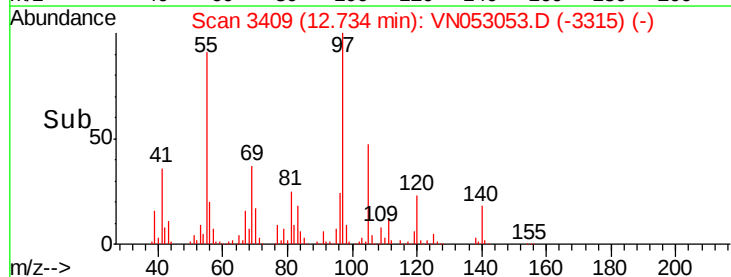
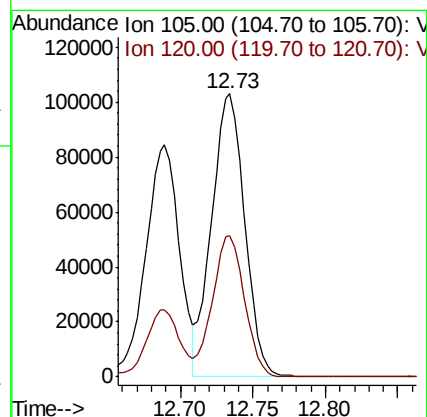
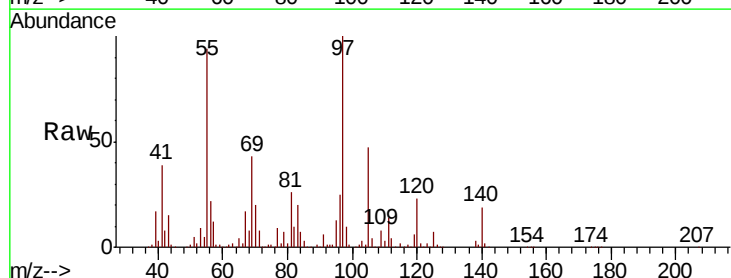
Acq: 20 Dec 2018 13:41

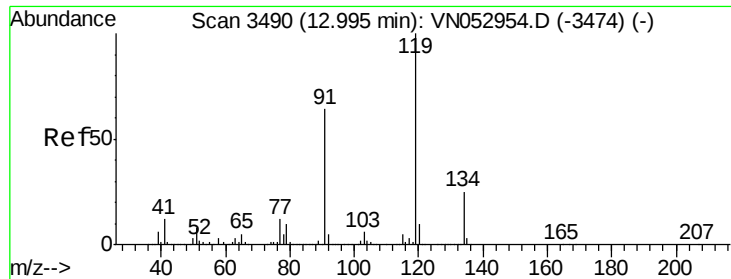
Tgt Ion: 105 Resp: 163004

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.2

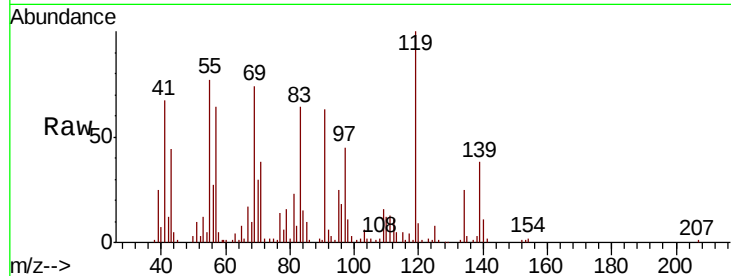




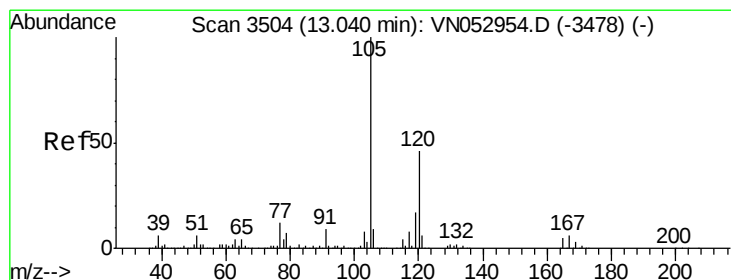
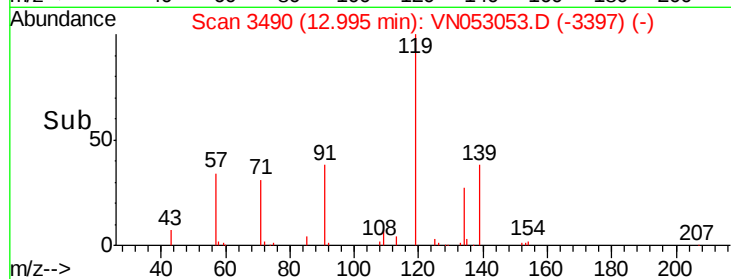
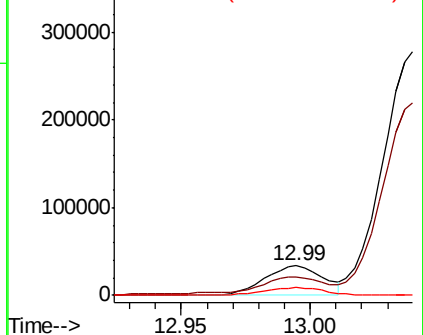
#83
tert-Butylbenzene
Concen: 1.176 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

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

Tot Ion:119 Resp: 53675
Ion Ratio Lower Upper
119 100
91 68.4 31.9 95.5
134 25.9 12.8 38.4

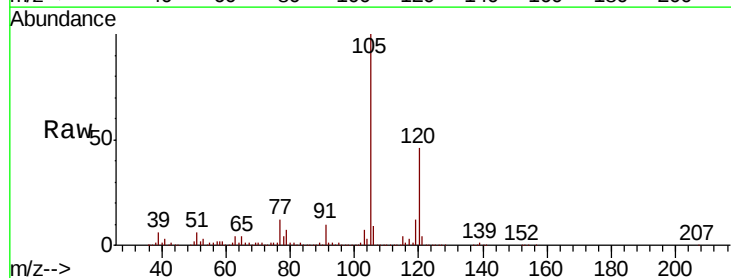


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

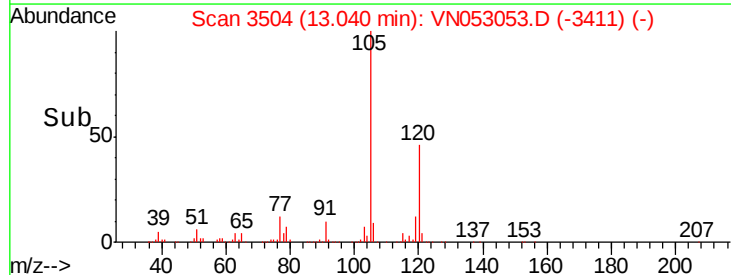
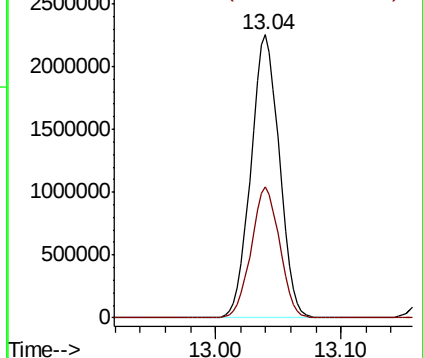


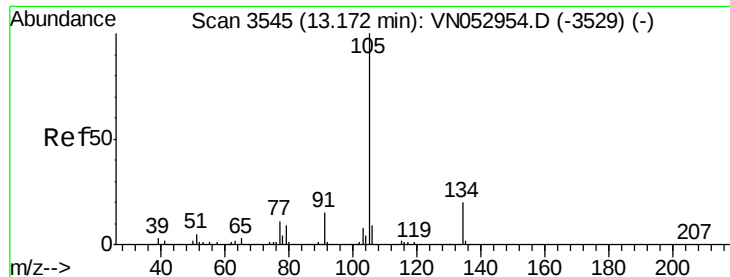
#84
1,2,4-Trimethylbenzene
Concen: 68.481 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

Tgt Ion:105 Resp: 3553269
Ion Ratio Lower Upper
105 100
120 46.3 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: 5.709 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN053053.D

Acq: 20 Dec 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

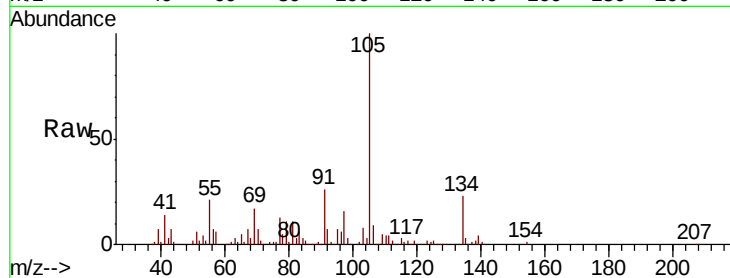
EP1-SBR-4B(12-13FT)1218DL

Tot Ion:105 Resp: 352470

Ion Ratio Lower Upper

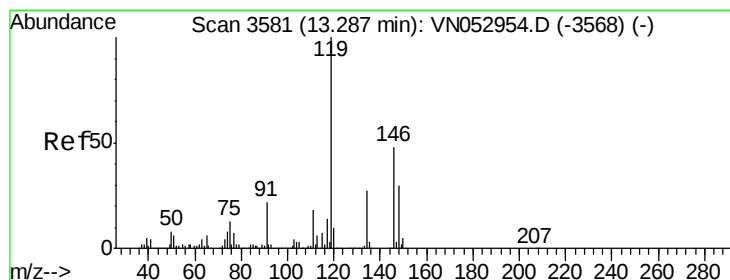
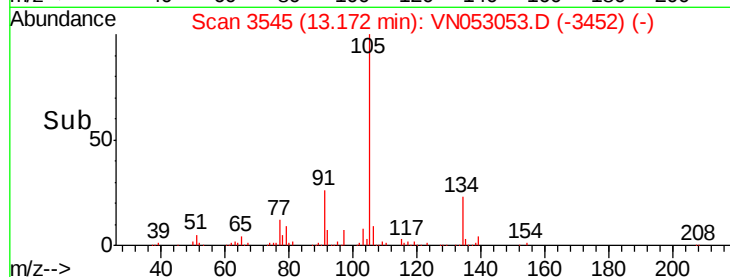
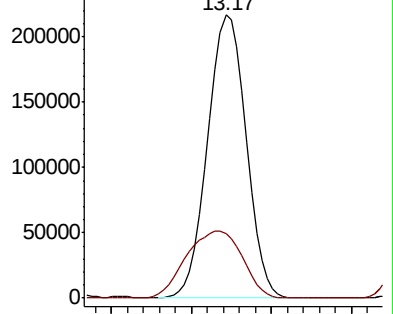
105 100

134 35.0 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: 6.491 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053053.D

Acq: 20 Dec 2018 13:41

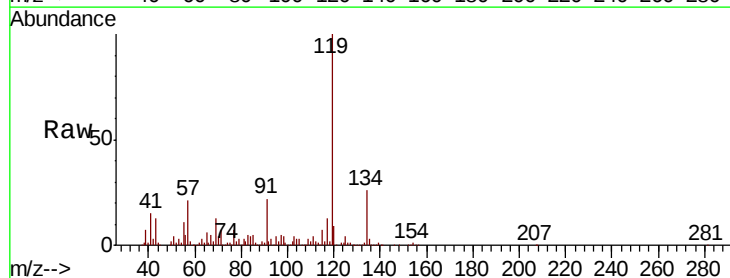
Tgt Ion:119 Resp: 346301

Ion Ratio Lower Upper

119 100

134 25.8 13.4 40.2

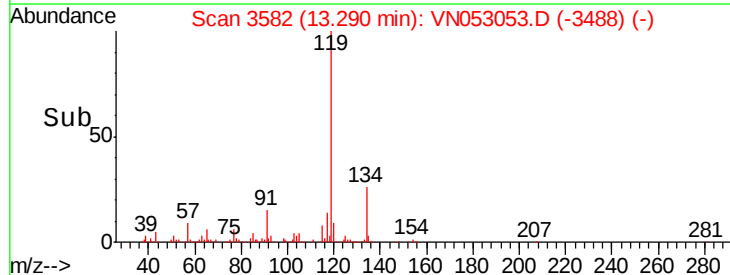
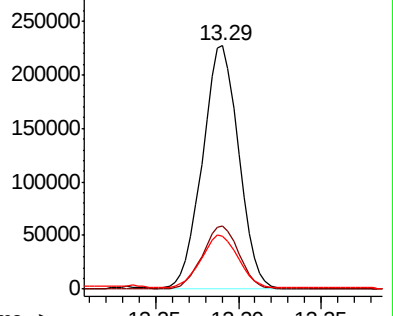
91 21.7 11.1 33.3

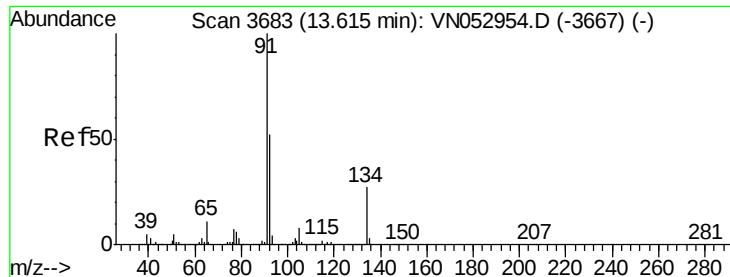


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VNO

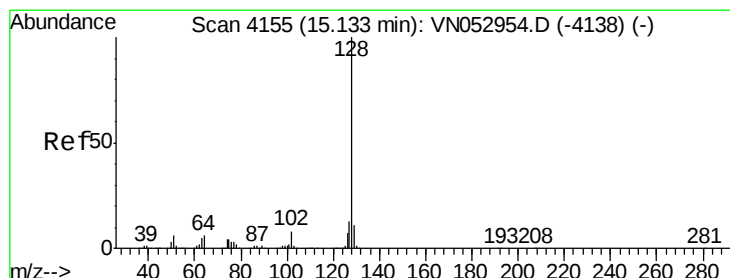
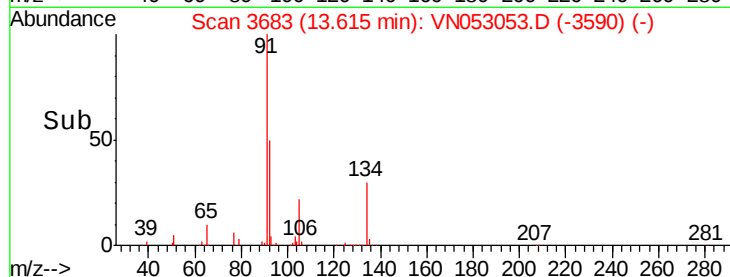
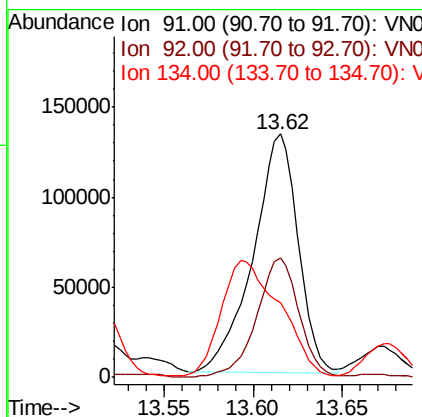
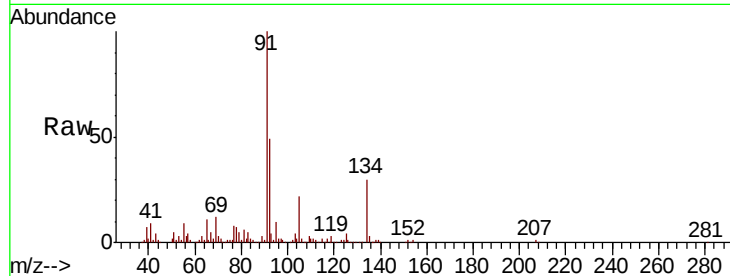




#89
n-Butylbenzene
Concen: 5.078 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

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

Tot Ion: 91 Resp: 233074
Ion Ratio Lower Upper
91 100
92 46.0 26.3 78.9
134 0.0 13.3 39.8#



#95
Naphthalene
Concen: 2.124 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

Tgt Ion: 128 Resp: 31836
Ion Ratio Lower Upper
128 100
127 16.0 10.2 15.4#
129 9.5 8.6 13.0

