

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053038.D
 Acq On : 20 Dec 2018 4:10
 Operator : MD\SY
 Sample : J6411-06 10X
 Misc : 5.07g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 45 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-K(12-13FT)1218

Quant Time: Dec 20 08:11:53 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

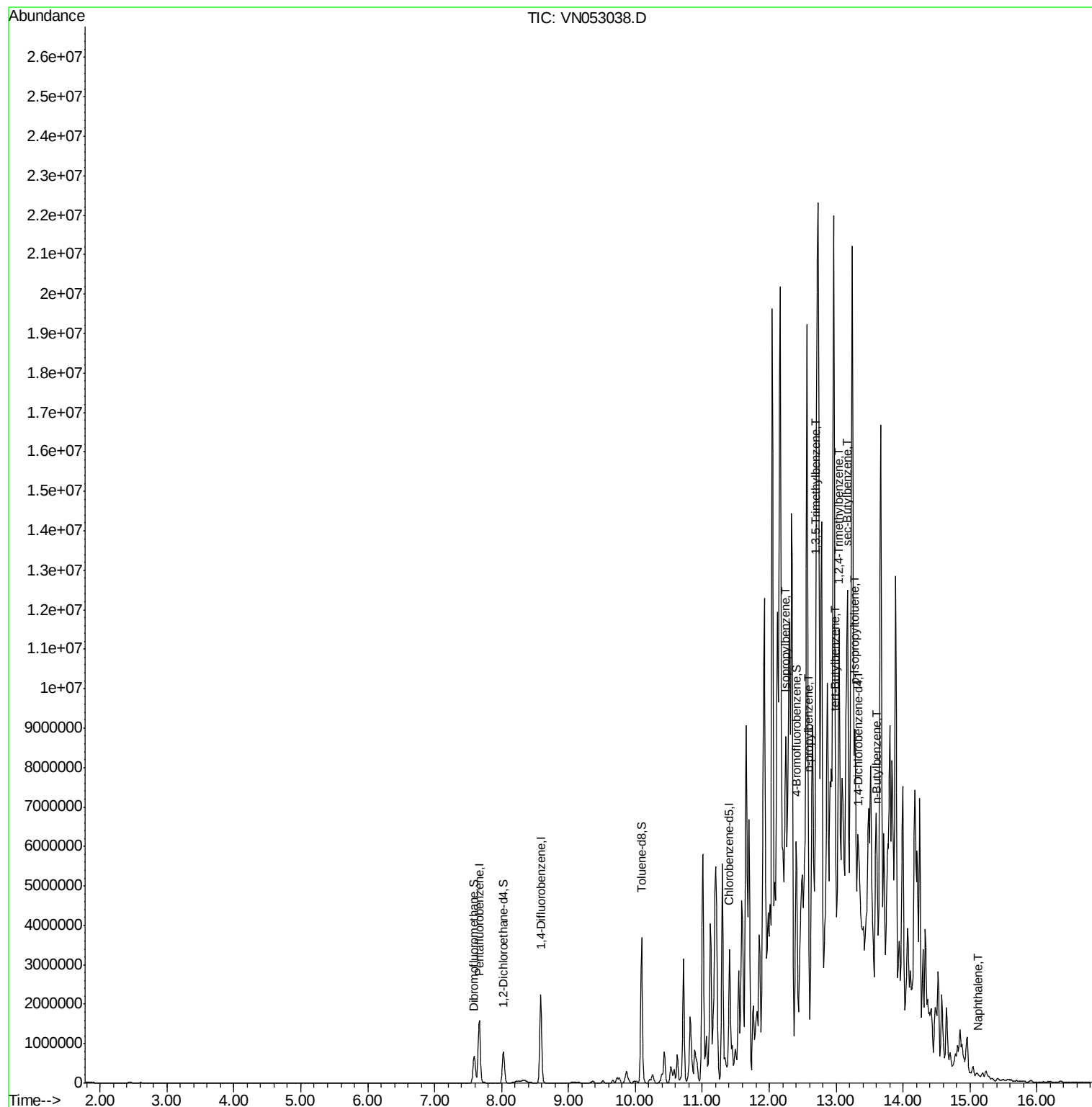
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1409850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2110871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1888984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	757848	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	657355	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
35) Dibromofluoromethane	7.59	113	534204	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
50) Toluene-d8	10.09	98	2626004	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.40	95	1065731	58.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.30%	
Target Compounds						
					Qvalue	
73) Isopropylbenzene	12.25	105	2520105	42.501	ug/l	100
78) n-propylbenzene	12.59	91	683348	10.119	ug/l	97
80) 1,3,5-Trimethylbenzene	12.69	105	697854	14.439	ug/l	71
83) tert-Butylbenzene	12.99	119	456137	10.671	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	3226439	66.407	ug/l	99
85) sec-Butylbenzene	13.17	105	3565164	61.665	ug/l #	75
86) p-Isopropyltoluene	13.29	119	427420	8.556	ug/l	96
89) n-Butylbenzene	13.62	91	1306853	30.407	ug/l #	76
95) Naphthalene	15.13	128	11380	1.520	ug/l #	69

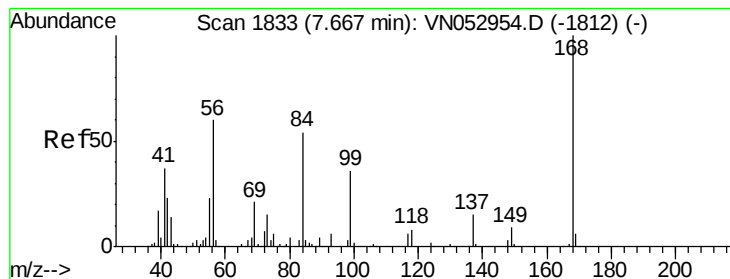
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN053038.D
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EP1-MW-K(12-13FT)1218

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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: VN053038.D

Acq: 20 Dec 2018 4:10

Instrument :

MSVOA_N

ClientSampleId :

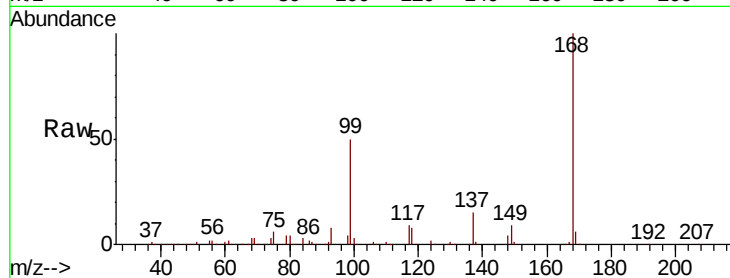
EP1-MW-K(12-13FT)1218

Tot Ion:168 Resp: 1409850

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053038.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053038.D (-1740) (-)

7.67

600000

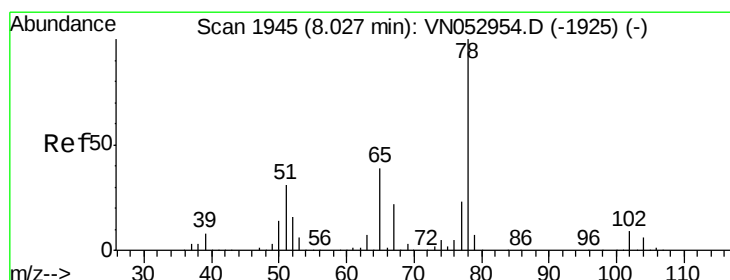
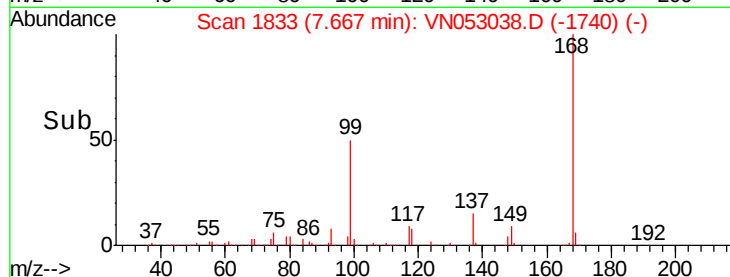
400000

200000

0

7.60 7.65 7.70 7.75

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053038.D

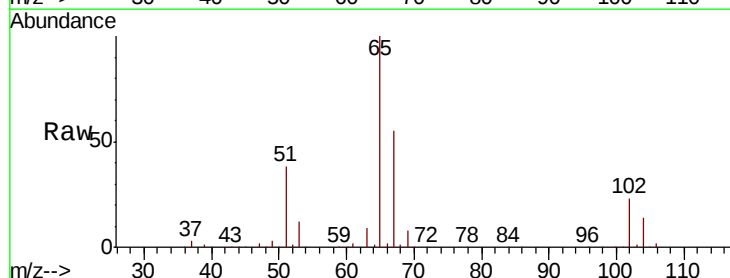
Acq: 20 Dec 2018 4:10

Tgt Ion: 65 Resp: 657355

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN053038.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053038.D (-1852) (-)

8.03

300000

250000

200000

150000

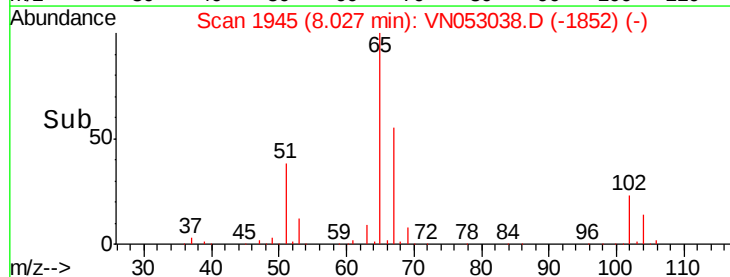
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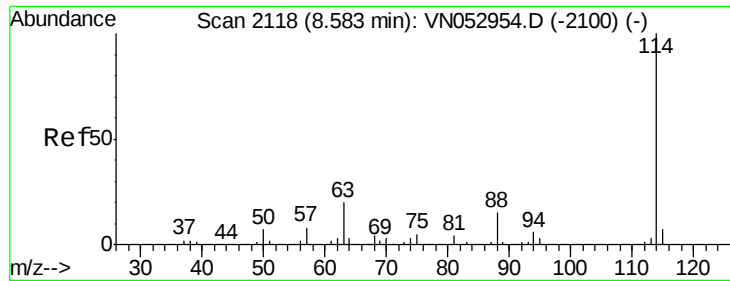
50000

0

7.90 8.00 8.10

Time-->

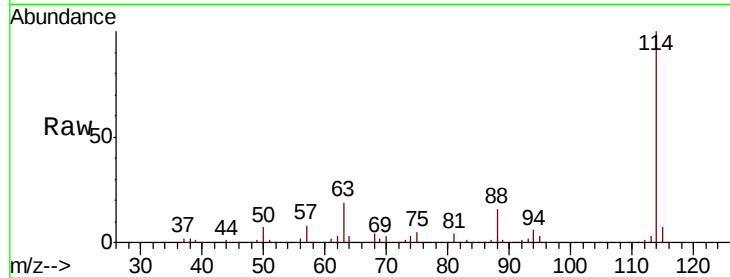




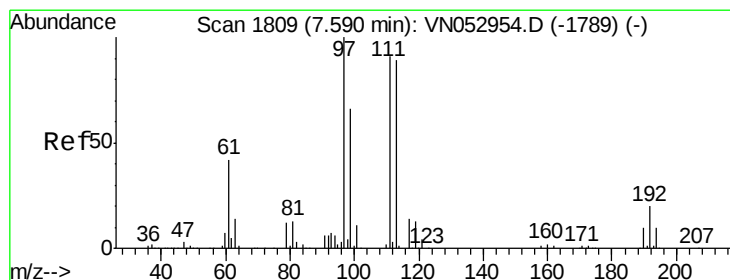
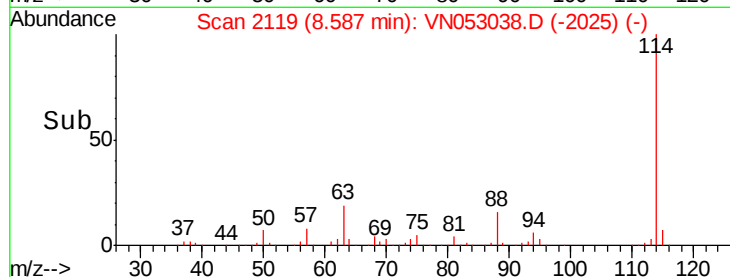
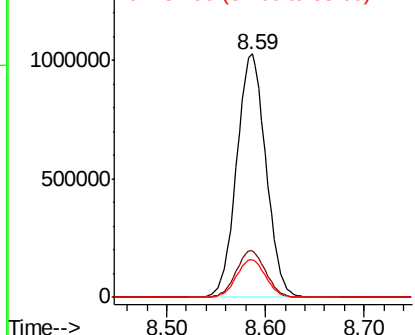
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-K(12-13FT)1218

Tot Ion:114 Resp: 2110871
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.8
88 15.6 0.0 31.0

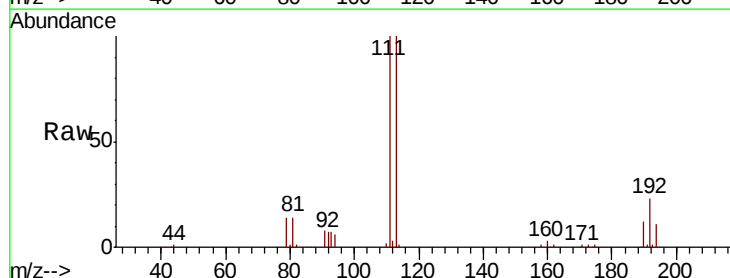


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

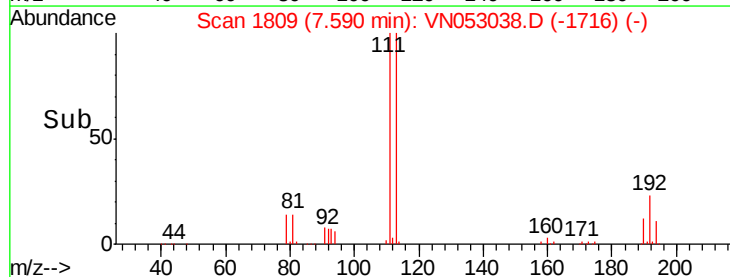
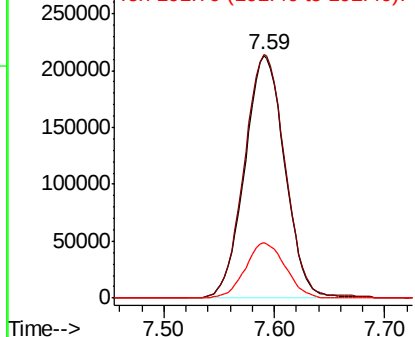


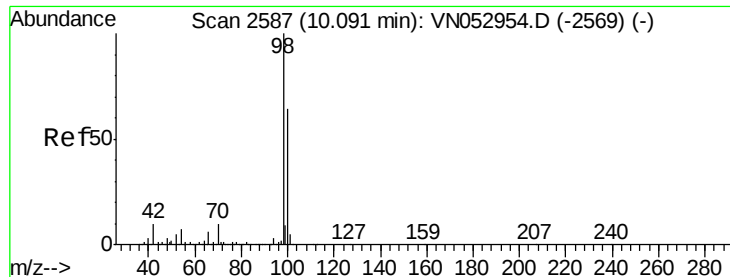
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

Tgt Ion:113 Resp: 534204
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.4
192 22.9 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: VN053038.D

Acq: 20 Dec 2018 4:10

Instrument :

MSVOA_N

ClientSampleId :

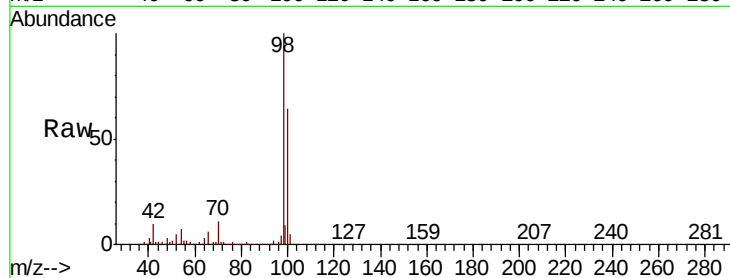
EP1-MW-K(12-13FT)1218

Tot Ion: 98 Resp: 2626004

Ion Ratio Lower Upper

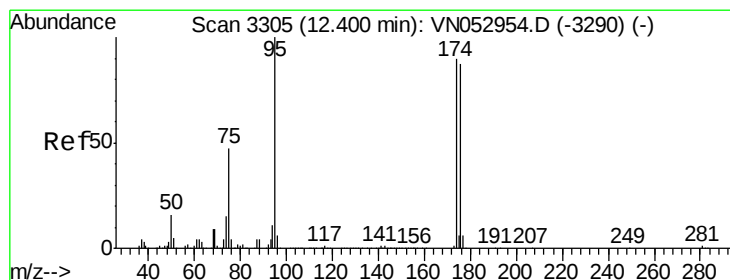
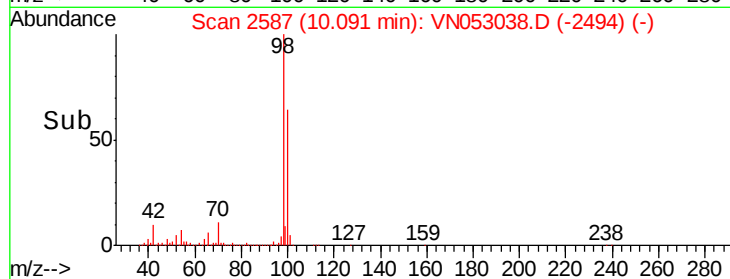
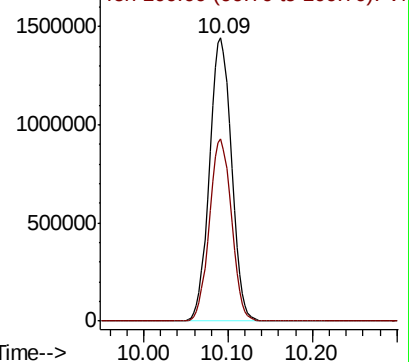
98 100

100 64.3 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: VN053038.D

Acq: 20 Dec 2018 4:10

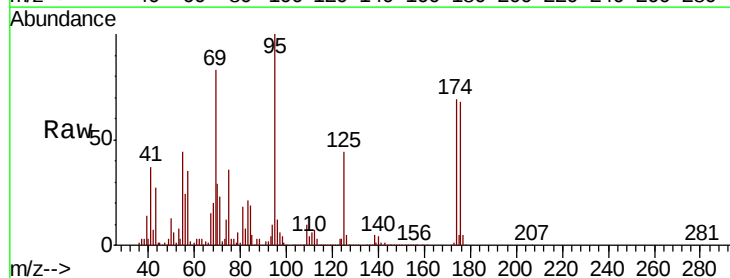
Tgt Ion: 95 Resp: 1065731

Ion Ratio Lower Upper

95 100

174 68.1 0.0 178.8

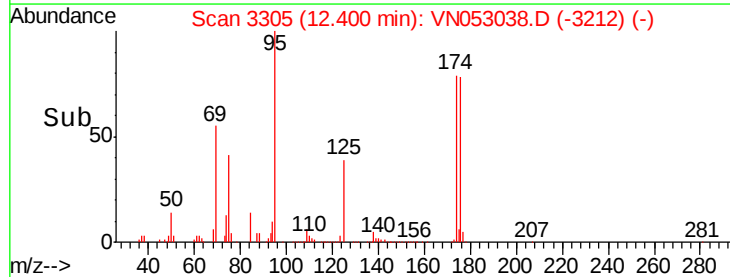
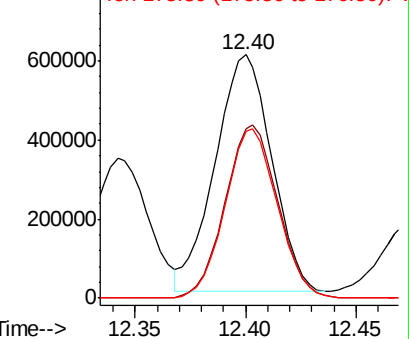
176 66.0 0.0 173.8

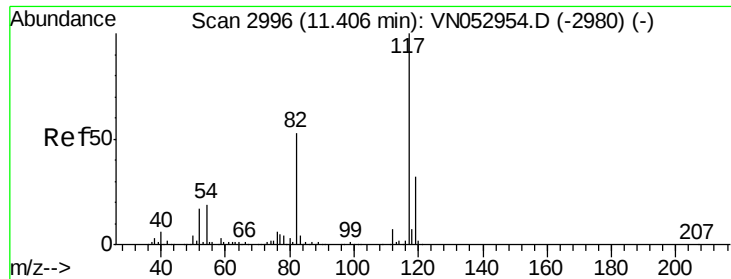


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

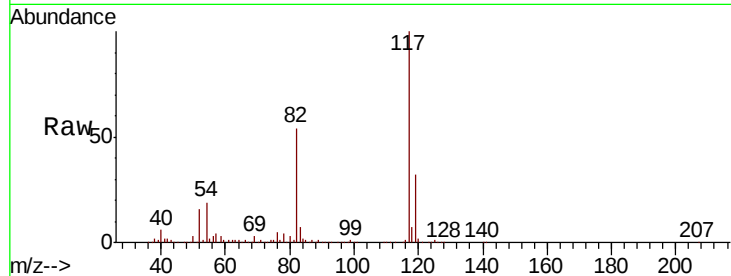




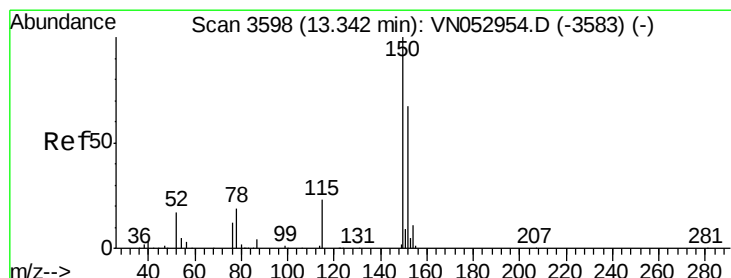
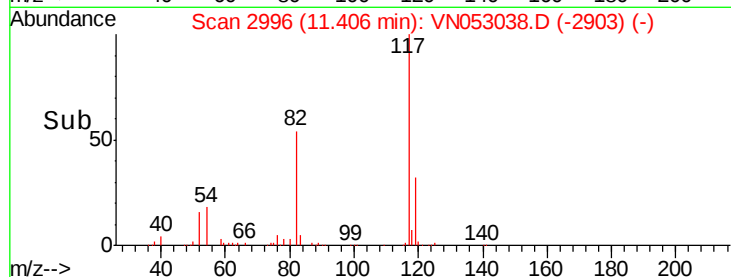
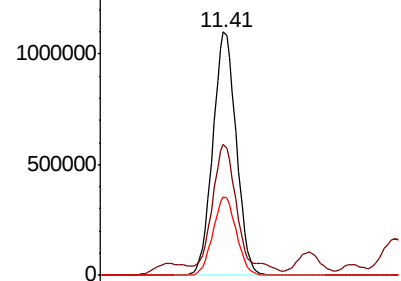
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-K(12-13FT)1218

Tot Ion:117 Resp: 1888984
Ion Ratio Lower Upper
117 100
82 50.3 42.8 64.2
119 32.4 25.5 38.3

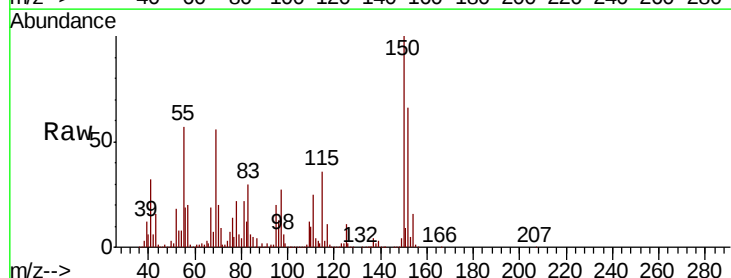


Abundance Ion 116.90 (116.60 to 117.60): V
1500000
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

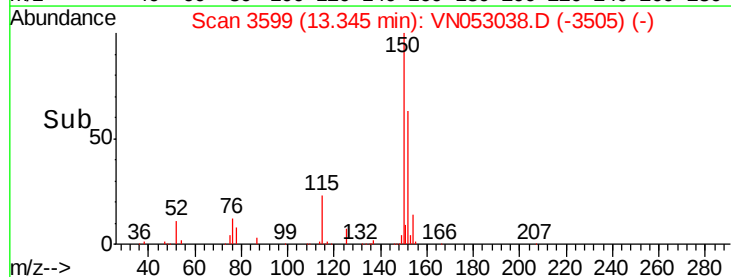
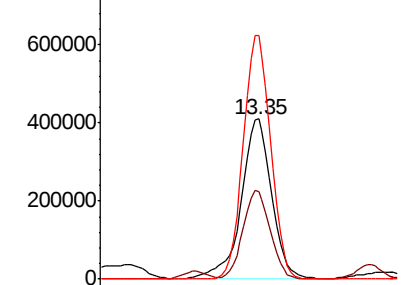


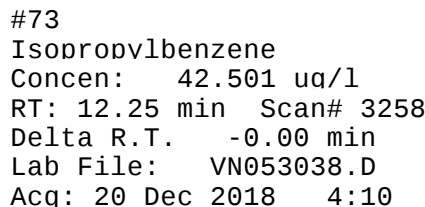
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

Tgt Ion:152 Resp: 757848
Ion Ratio Lower Upper
152 100
115 49.6 28.3 85.0
150 138.0 0.0 347.8



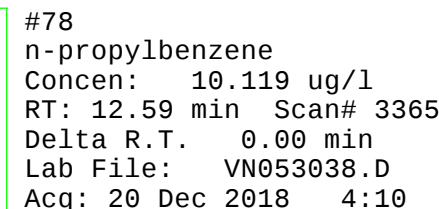
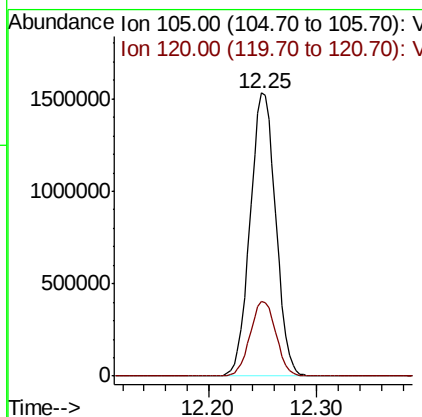
Abundance Ion 151.90 (151.60 to 152.60): V
800000
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



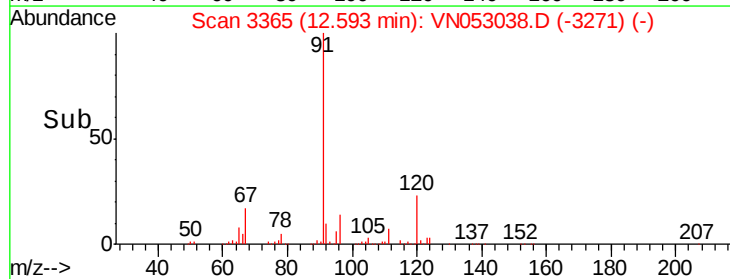
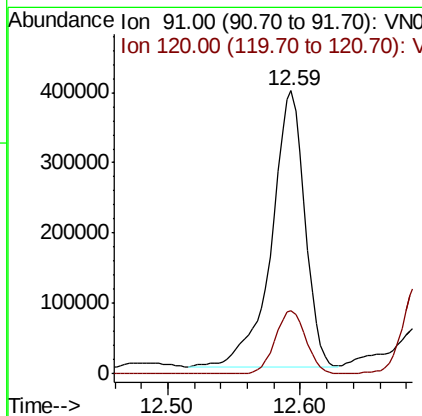


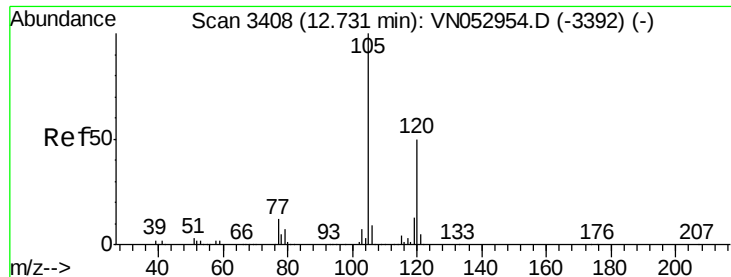
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-K(12-13FT)1218

Tot	Ion:105	Resp:	2520105
Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.3	39.9



Tgt	Ion: 91	Resp:	683348
Ion	Ratio	Lower	Upper
91	100		
120	21.4	11.5	34.5





#80

1,3,5-Trimethylbenzene

Concen: 14.439 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. -0.04 min

Lab File: VN053038.D

Acq: 20 Dec 2018 4:10

Instrument :

MSVOA_N

ClientSampleId :

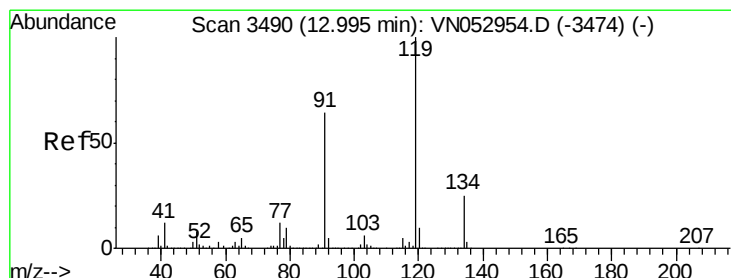
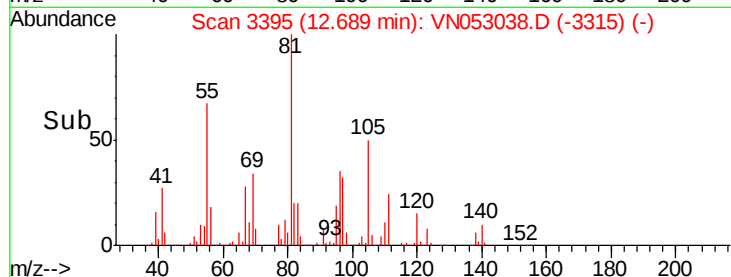
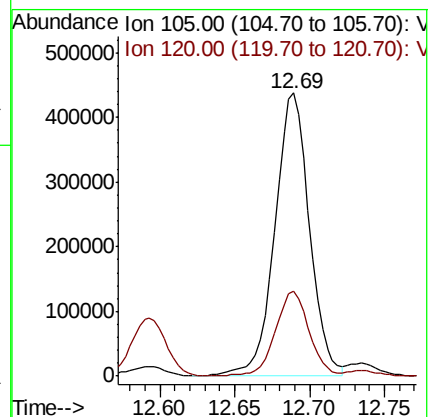
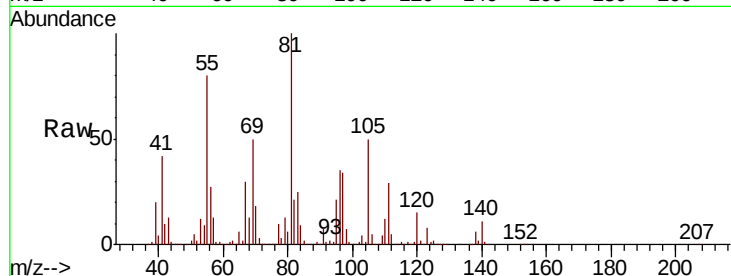
EP1-MW-K(12-13FT)1218

Tot Ion:105 Resp: 697854

Ion Ratio Lower Upper

105 100

120 29.3 24.4 73.2



#83

tert-Butylbenzene

Concen: 10.671 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN053038.D

Acq: 20 Dec 2018 4:10

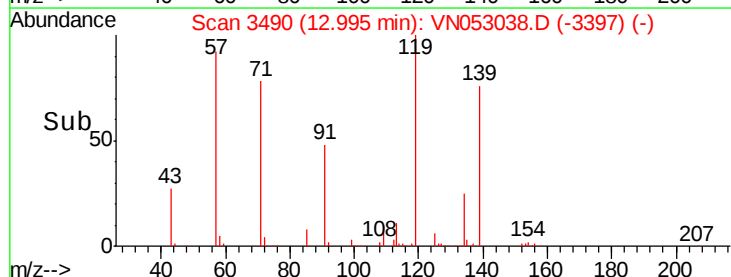
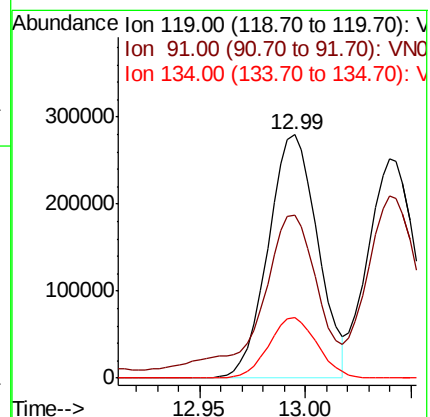
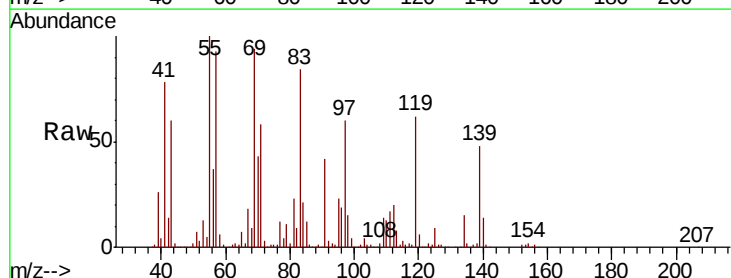
Tgt Ion:119 Resp: 456137

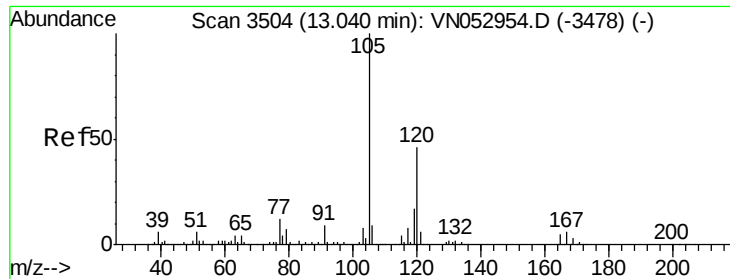
Ion Ratio Lower Upper

119 100

91 69.0 31.9 95.5

134 24.3 12.8 38.4

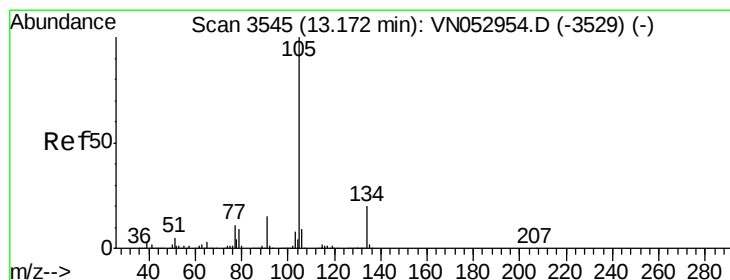
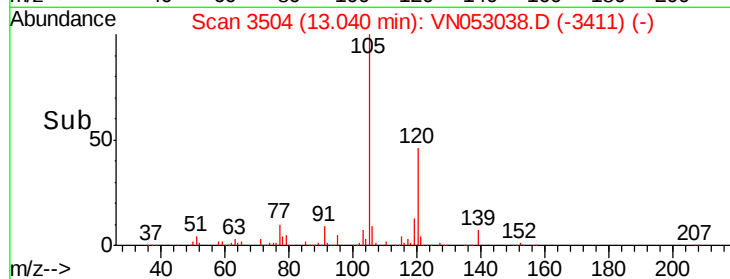
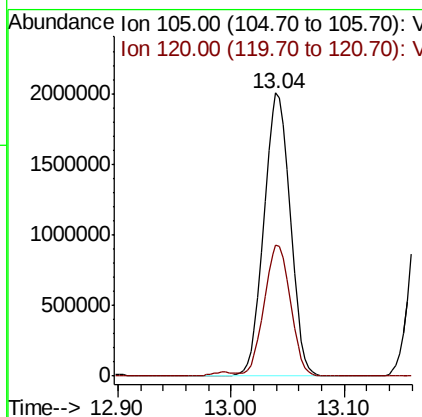
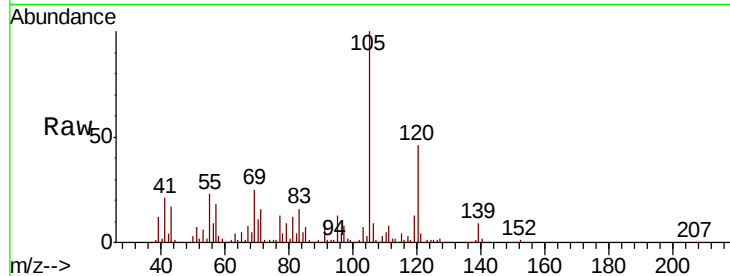




#84
 1,2,4-Trimethylbenzene
 Concen: 66.407 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053038.D
 Acq: 20 Dec 2018 4:10

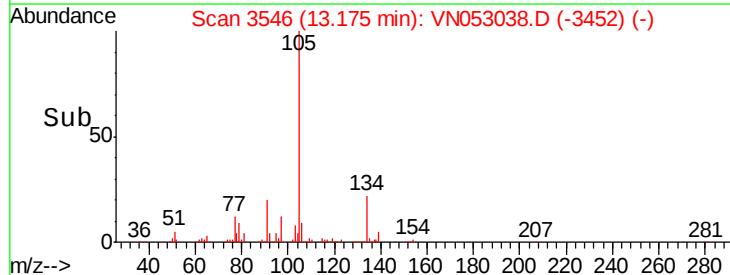
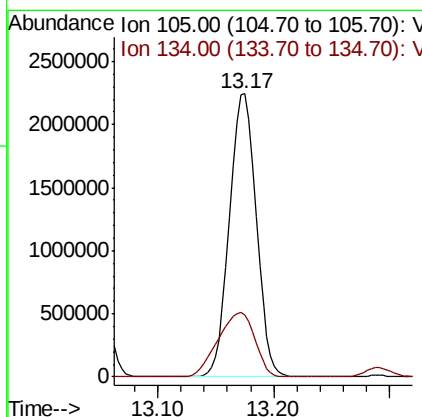
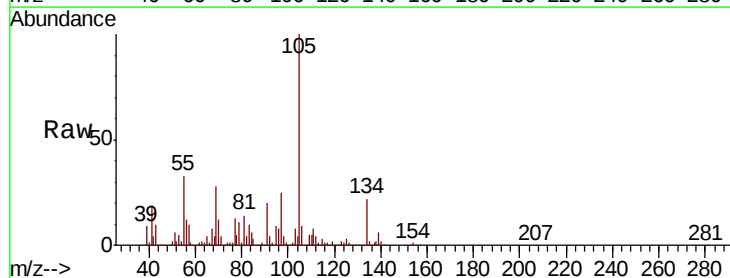
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-K(12-13FT)1218

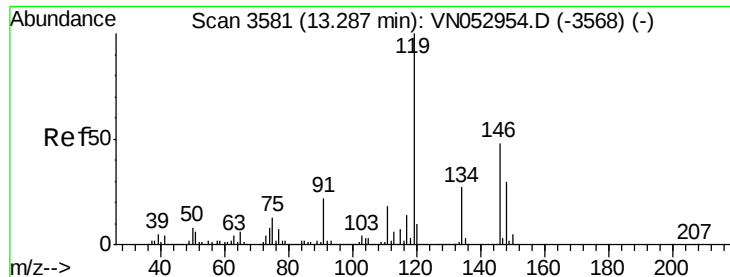
Tot Ion:105 Resp: 3226439
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.9 68.8



#85
 sec-Butylbenzene
 Concen: 61.665 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN053038.D
 Acq: 20 Dec 2018 4:10

Tgt Ion:105 Resp: 3565164
 Ion Ratio Lower Upper
 105 100
 134 31.7 10.1 30.3#

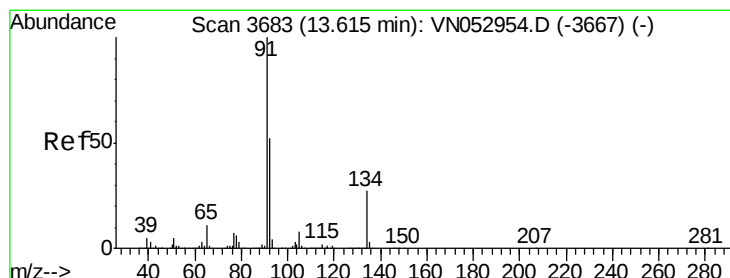
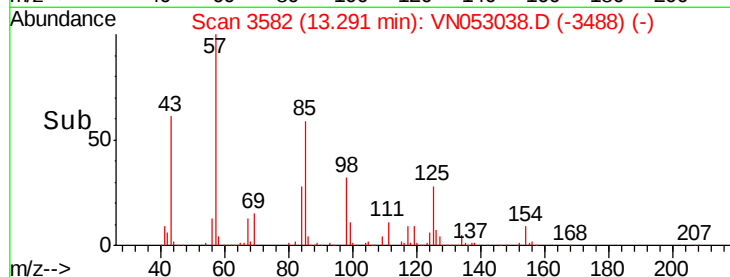
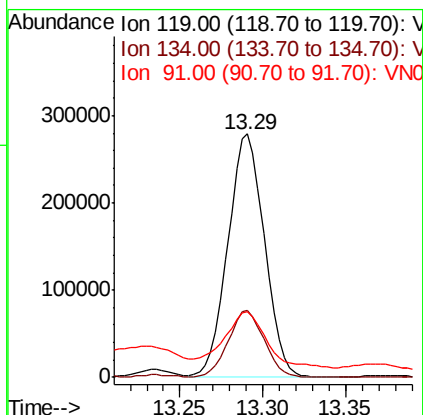
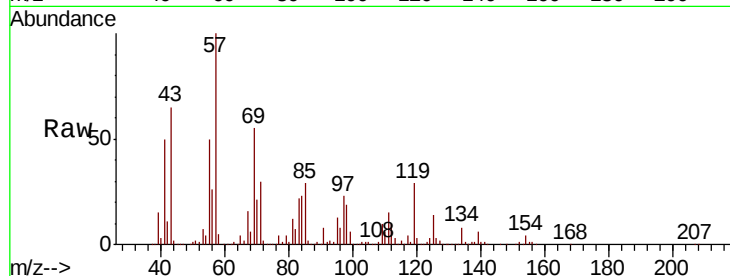




#86
p-Isopropyltoluene
Concen: 8.556 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

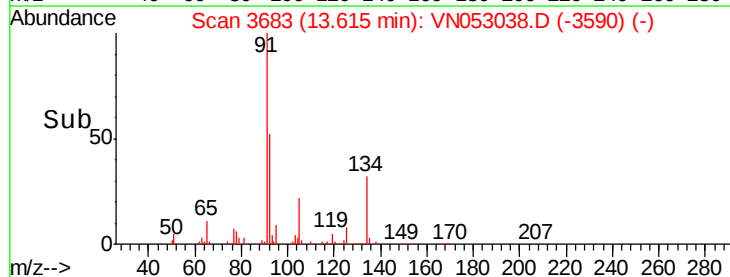
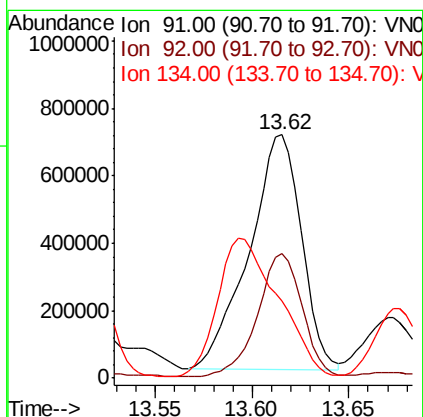
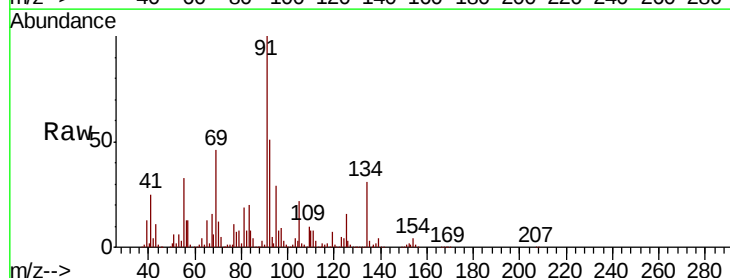
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-K(12-13FT)1218

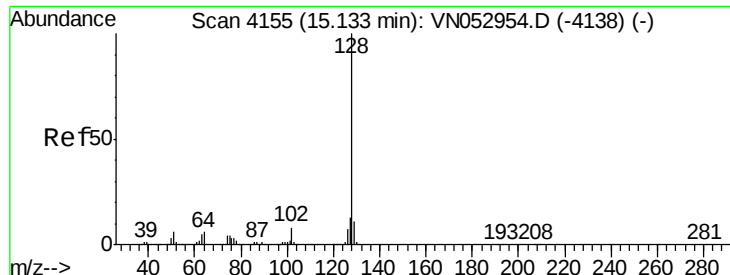
Tot Ion: 119 Resp: 427420
Ion Ratio Lower Upper
119 100
134 26.6 13.4 40.2
91 26.6 11.1 33.3



#89
n-Butylbenzene
Concen: 30.407 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

Tgt Ion: 91 Resp: 1306853
Ion Ratio Lower Upper
91 100
92 45.1 26.3 78.9
134 0.0 13.3 39.8#





#95
Naphthalene
Concen: 1.520 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-K(12-13FT)1218

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	13.0#

