

Data File : VN055384.D
Acq On : 3 May 2019 12:52
Operator : JC/SP
Sample : K2658-06 10X
Misc : 5.88g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(17-20)

Quant Time: May 04 00:10:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

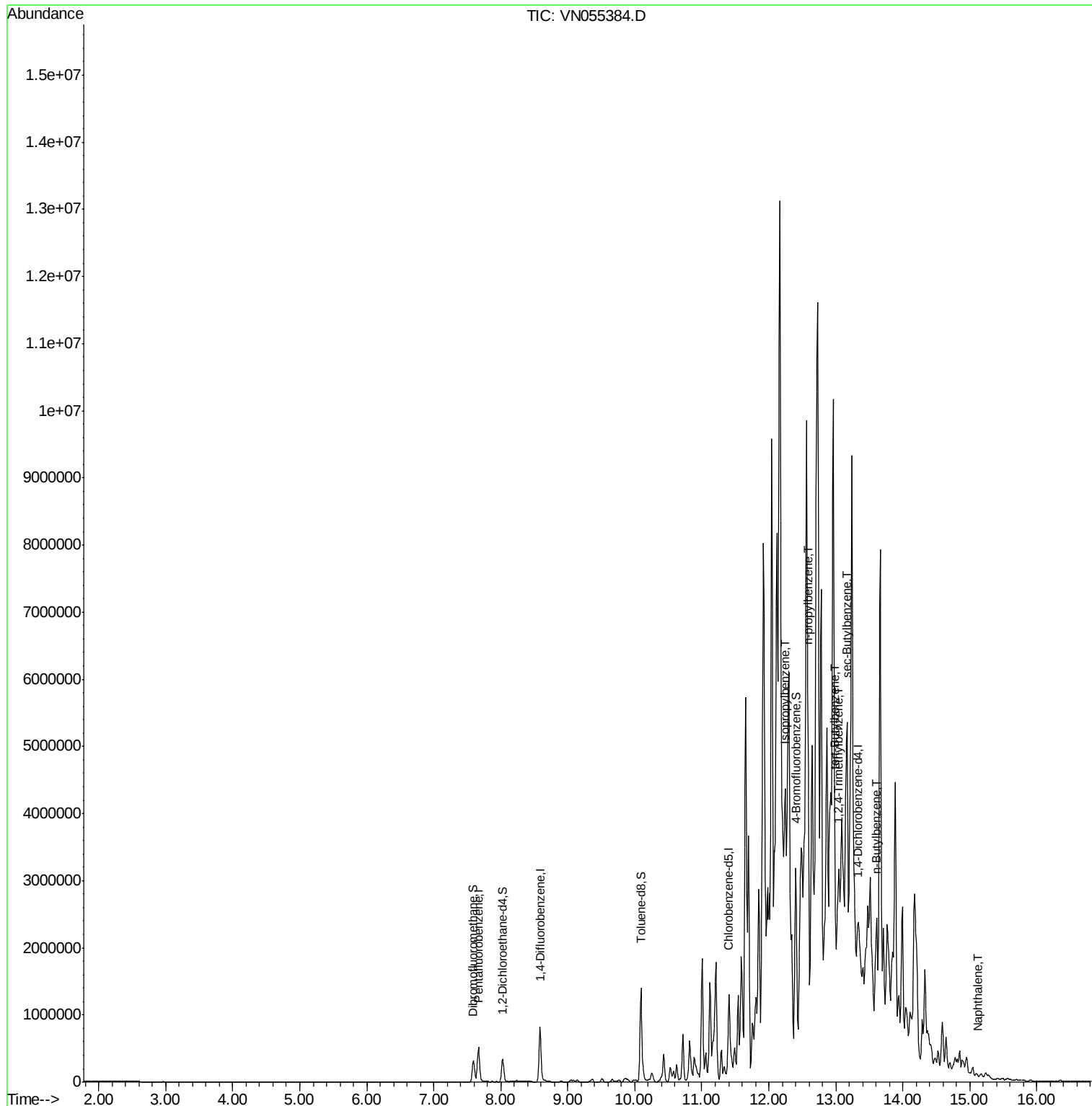
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	438645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	762052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	695602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	301969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	296101	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
35) Dibromofluoromethane	7.59	113	239788	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
50) Toluene-d8	10.09	98	955609	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.40	95	506059	89.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	179.30%	
Target Compounds						
73) Isopropylbenzene	12.25	105	905116	36.838	ug/l	100
78) n-propylbenzene	12.59	91	2576120	83.051	ug/l	99
83) tert-Butylbenzene	12.99	119	184418	8.596	ug/l	90
84) 1,2,4-Trimethylbenzene	13.04	105	51478	2.431	ug/l	98
85) sec-Butylbenzene	13.17	105	1232701	47.908	ug/l #	65
89) n-Butylbenzene	13.61	91	732866	48.767	ug/l	90
95) Naphthalene	15.13	128	11351	4.591	ug/l #	90

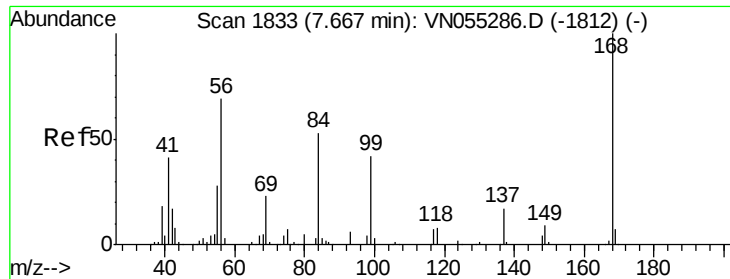
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP1-SB-E7(17-20)

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
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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: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

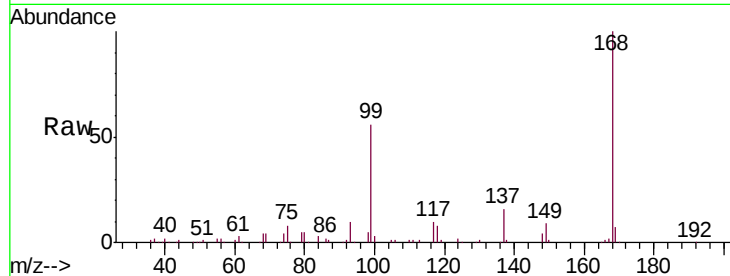
EP1-SB-E7(17-20)

Tgt Ion:168 Resp: 438645

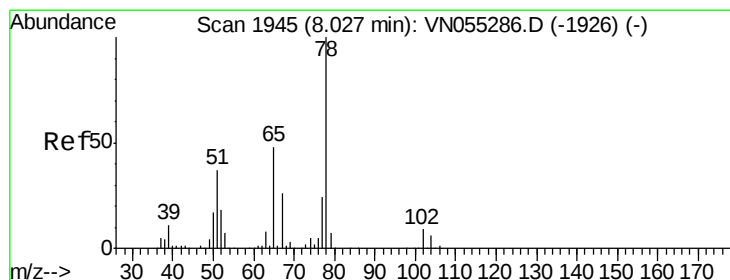
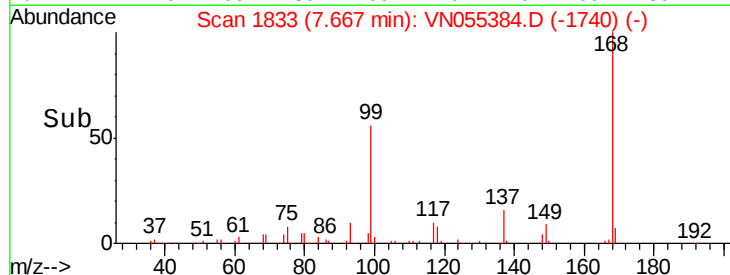
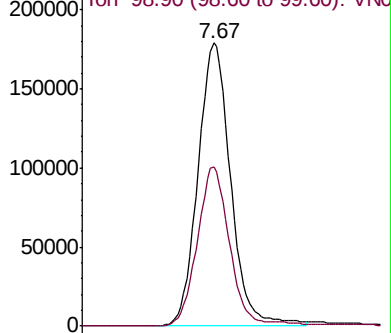
Ion Ratio Lower Upper

168 100

99 56.4 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055384.D (-1812) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.599 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055384.D

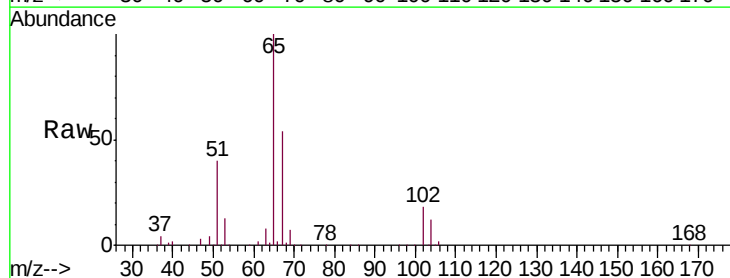
Acq: 3 May 2019 12:52

Tgt Ion: 65 Resp: 296101

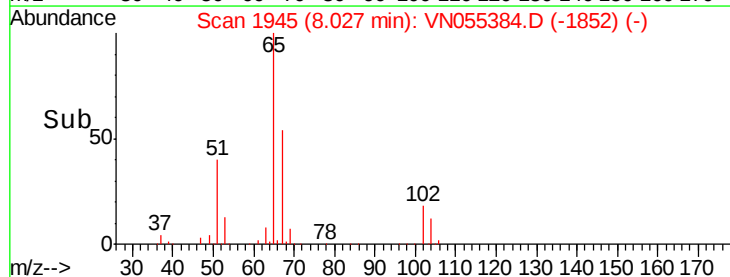
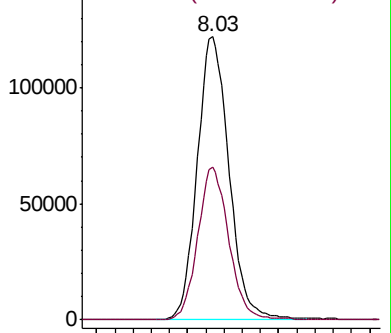
Ion Ratio Lower Upper

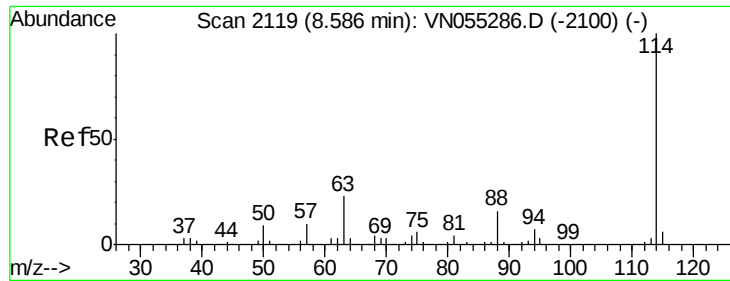
65 100

67 52.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN055384.D (-1812) (-)

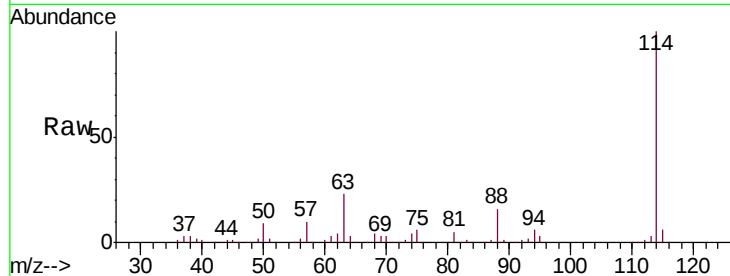




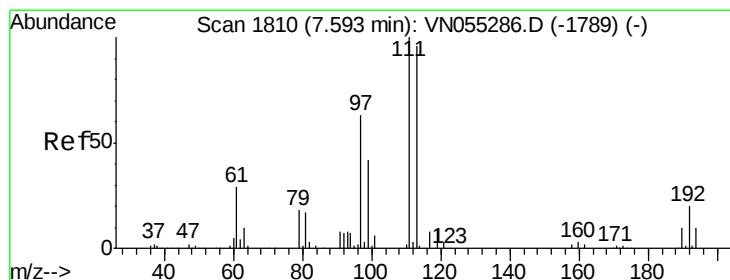
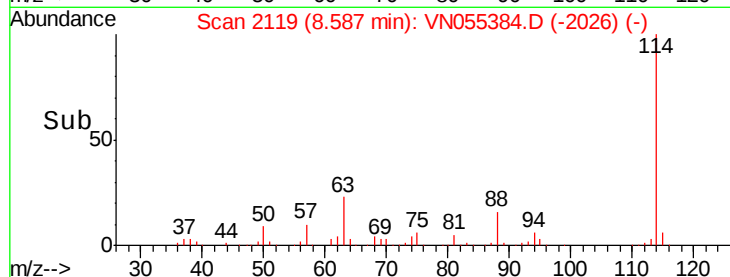
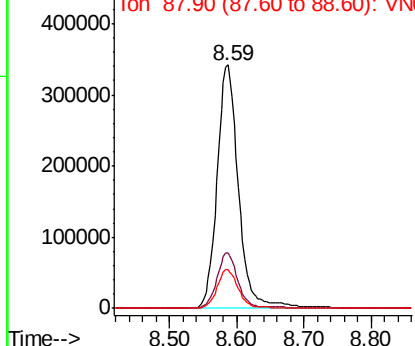
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055384.D
Acq: 3 May 2019 12:52

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(17-20)

Tgt Ion:114 Resp: 762052
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.2
88 15.9 0.0 31.6

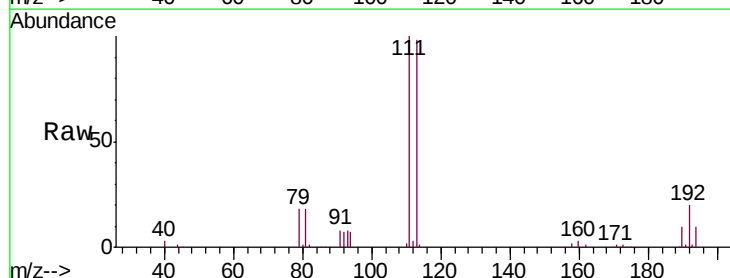


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

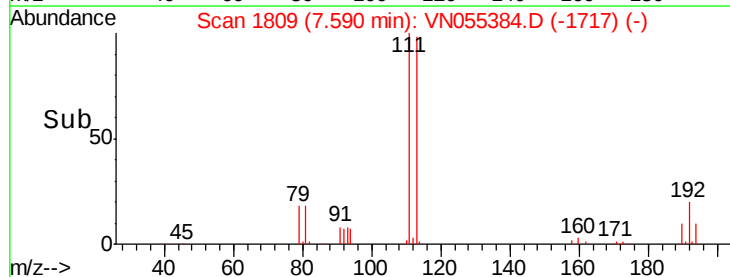
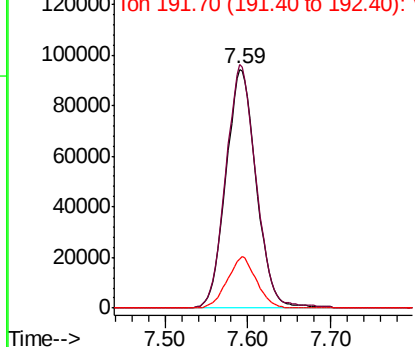


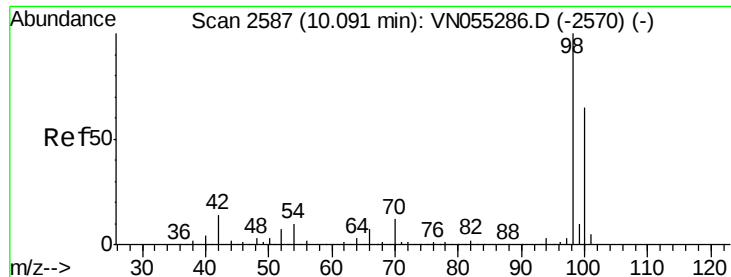
#35
Dibromofluoromethane
Concen: 47.940 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN055384.D
Acq: 3 May 2019 12:52

Tgt Ion:113 Resp: 239788
Ion Ratio Lower Upper
113 100
111 101.9 82.3 123.5
192 20.5 17.0 25.6



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: 52.910 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

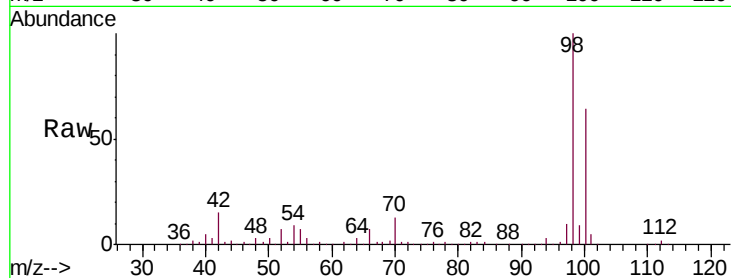
EP1-SB-E7(17-20)

Tgt Ion: 98 Resp: 955609

Ion Ratio Lower Upper

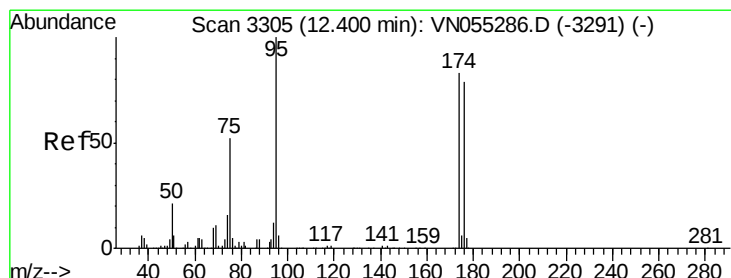
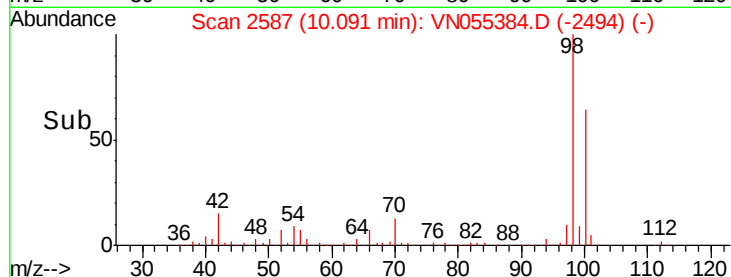
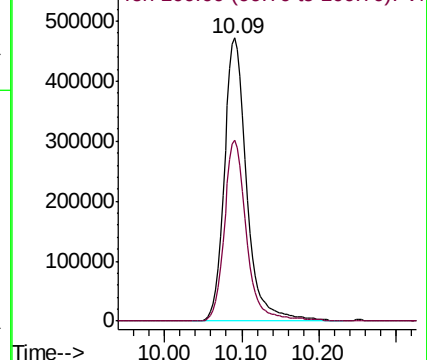
98 100

100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 89.651 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

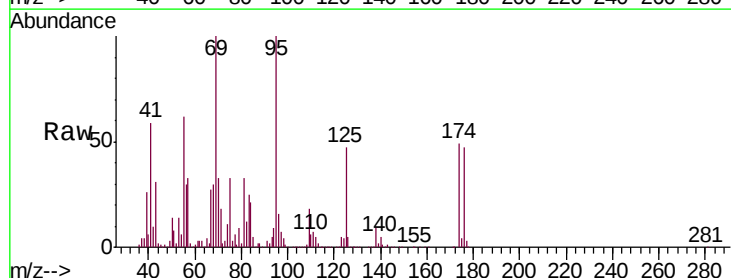
Tgt Ion: 95 Resp: 506059

Ion Ratio Lower Upper

95 100

174 51.2 0.0 166.6

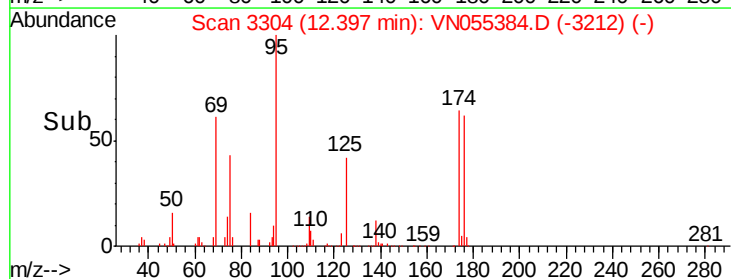
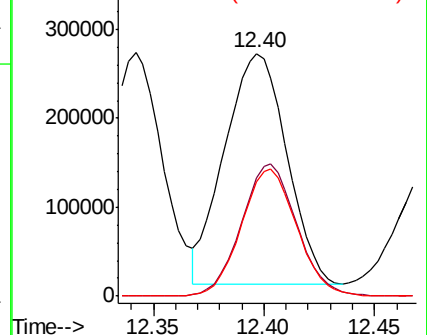
176 49.3 0.0 157.8

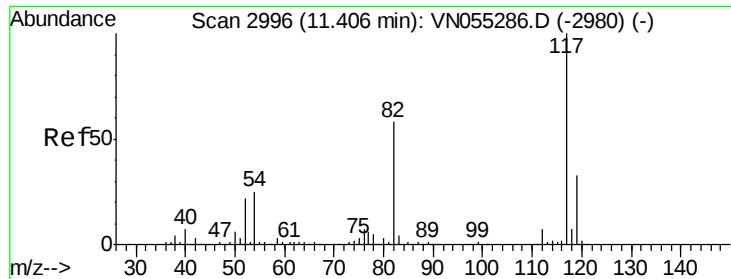


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

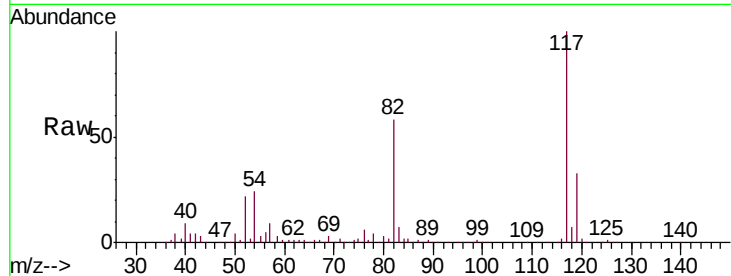




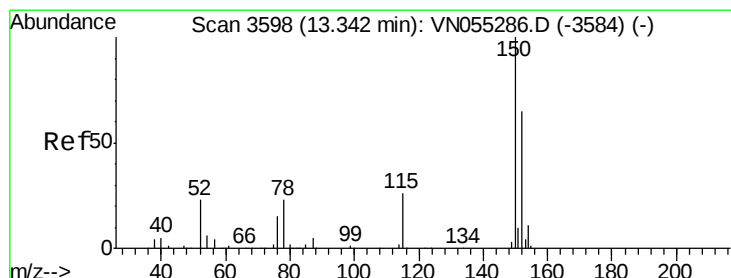
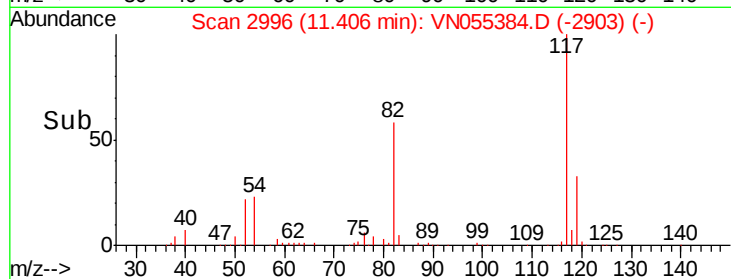
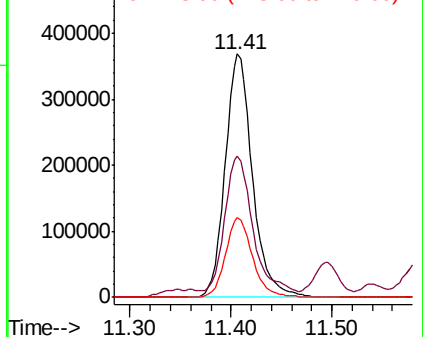
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055384.D
Acq: 3 May 2019 12:52

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(17-20)

Tgt Ion:117 Resp: 695602
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.8 26.6 40.0

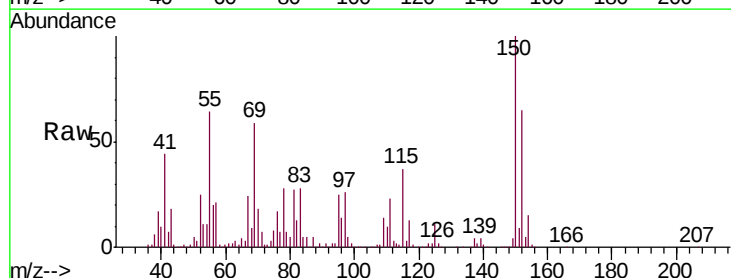


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

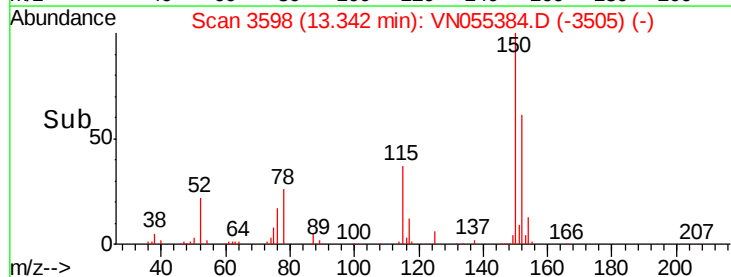
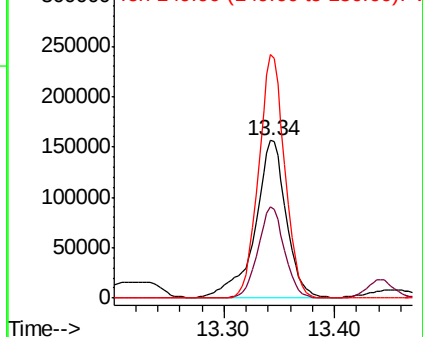


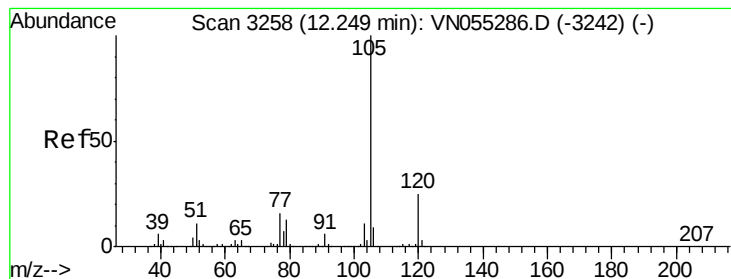
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055384.D
Acq: 3 May 2019 12:52

Tgt Ion:152 Resp: 301969
Ion Ratio Lower Upper
152 100
115 49.3 29.0 87.0
150 130.4 0.0 345.6



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: 36.838 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

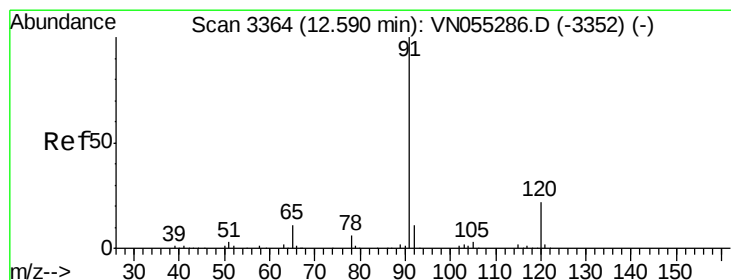
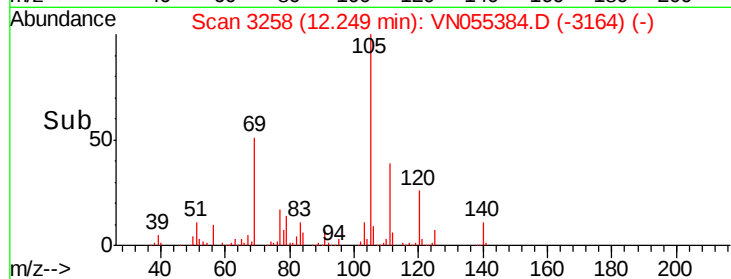
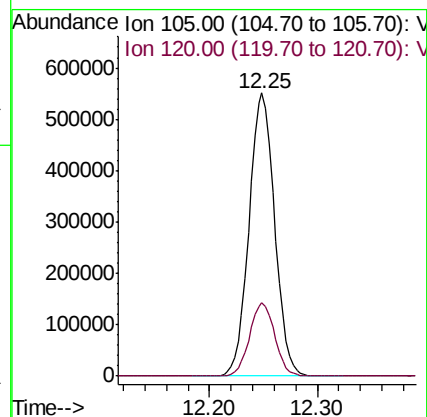
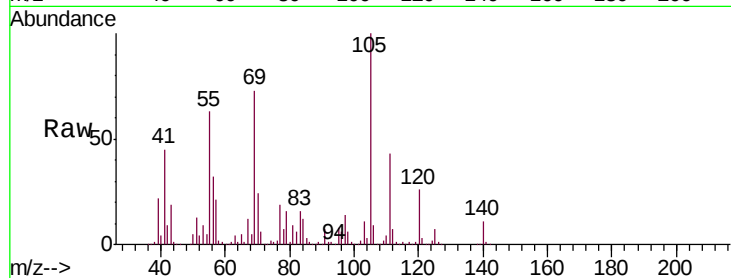
EP1-SB-E7(17-20)

Tgt Ion: 105 Resp: 905116

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



#78

n-propylbenzene

Concen: 83.051 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055384.D

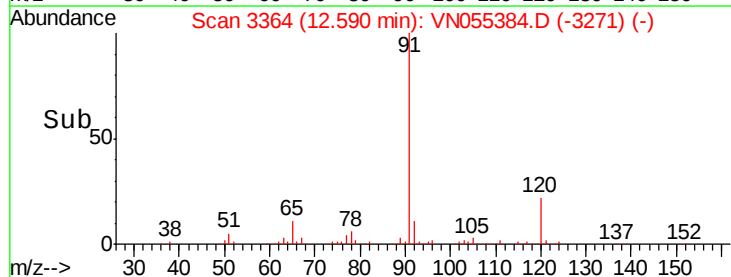
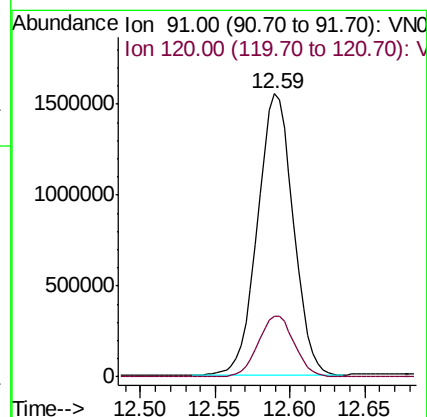
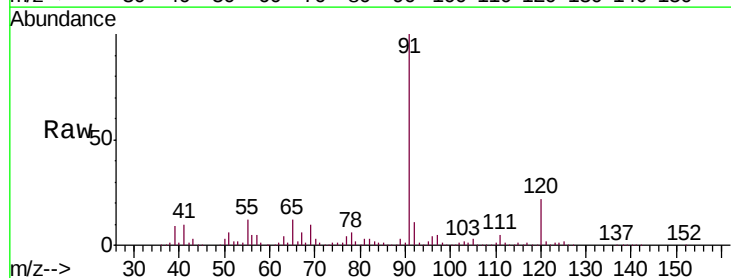
Acq: 3 May 2019 12:52

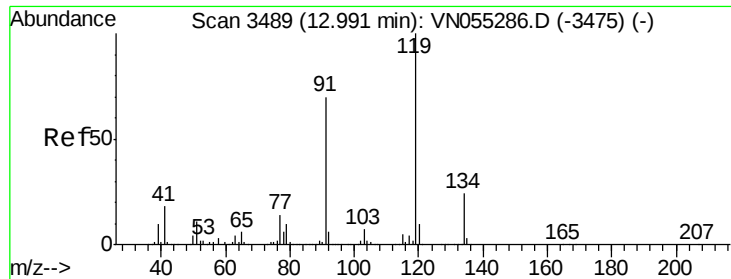
Tgt Ion: 91 Resp: 2576120

Ion Ratio Lower Upper

91 100

120 21.7 11.0 33.0

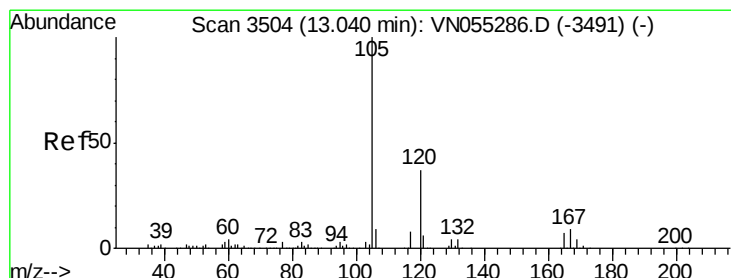
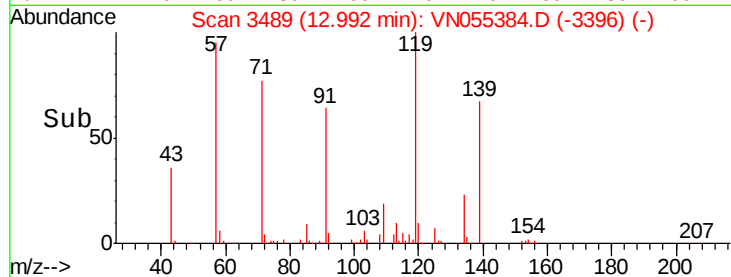
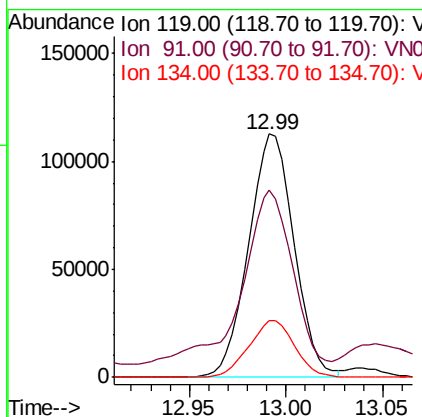
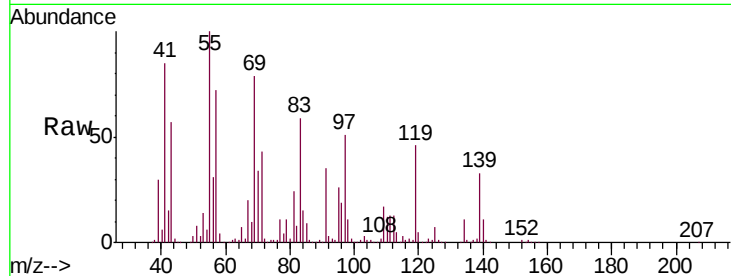




#83
 tert-Butylbenzene
 Concen: 8.596 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055384.D
 Acq: 3 May 2019 12:52

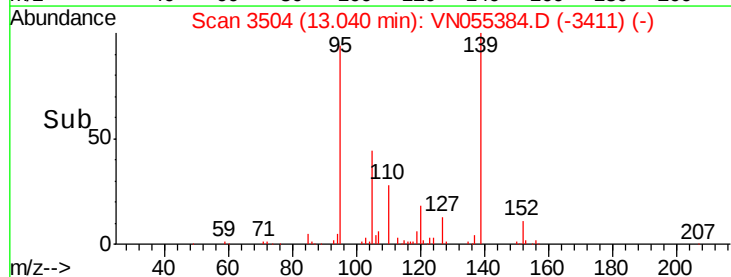
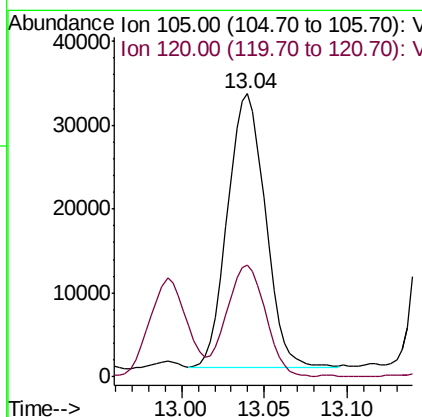
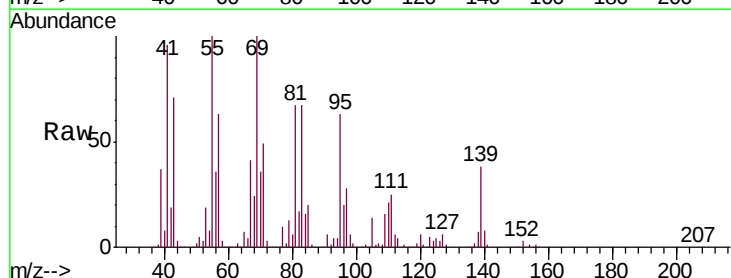
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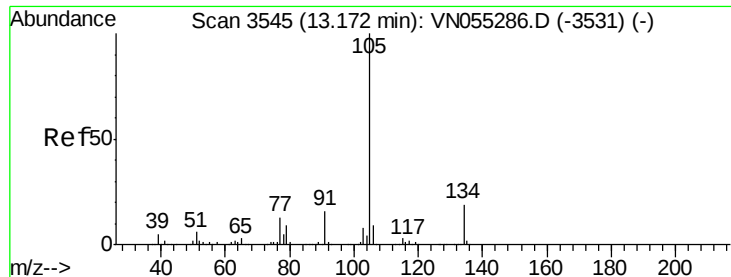
Tgt Ion:119 Resp: 184418
 Ion Ratio Lower Upper
 119 100
 91 77.8 34.3 102.9
 134 23.4 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 2.431 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055384.D
 Acq: 3 May 2019 12:52

Tgt Ion:105 Resp: 51478
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.1 66.5





#85

sec-Butylbenzene

Concen: 47.908 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

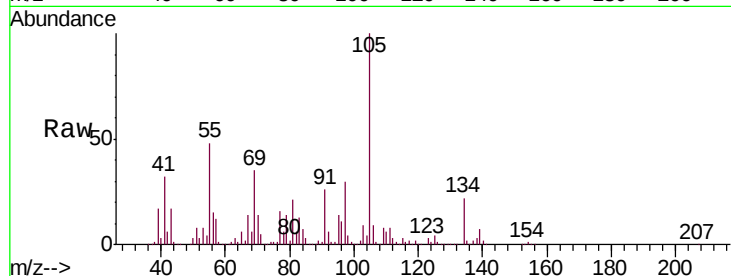
EP1-SB-E7(17-20)

Tgt Ion:105 Resp: 1232701

Ion Ratio Lower Upper

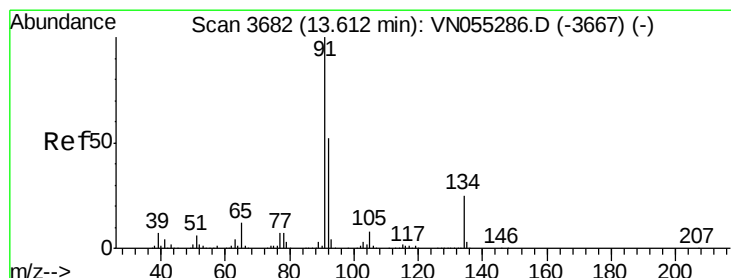
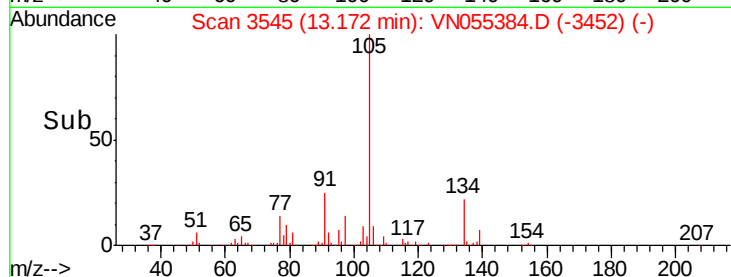
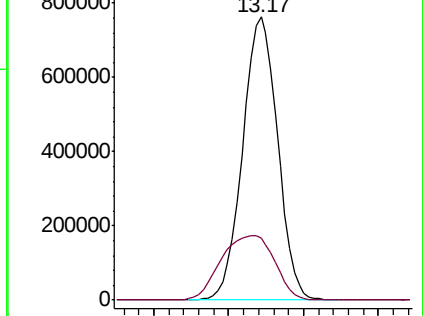
105 100

134 35.1 9.6 28.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 48.767 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

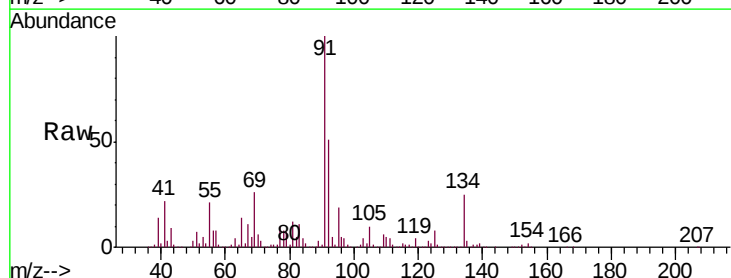
Tgt Ion: 91 Resp: 732866

Ion Ratio Lower Upper

91 100

92 49.6 26.1 78.3

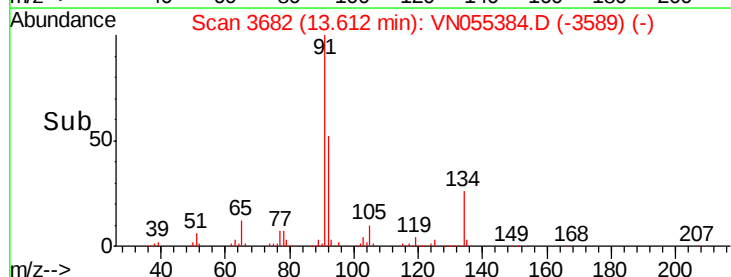
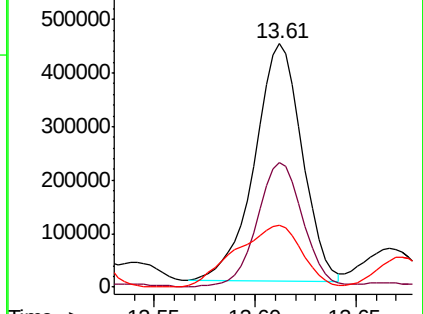
134 36.0 12.4 37.4

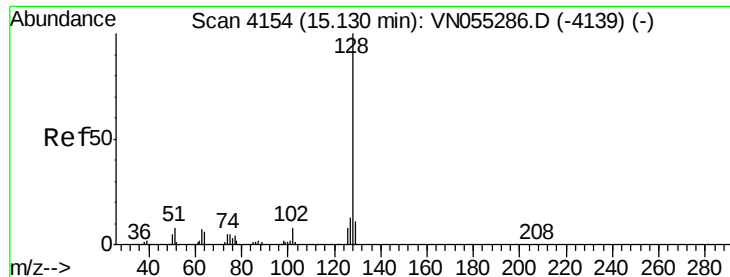


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#95

Naphthalene

Concen: 4.591 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(17-20)

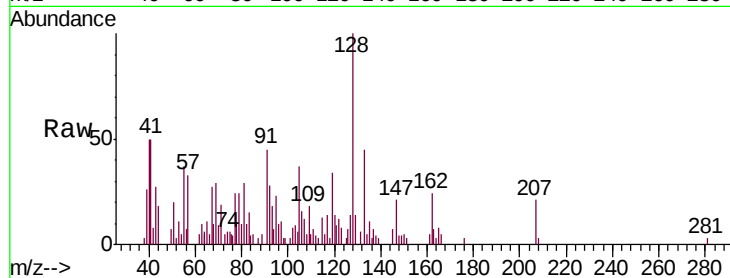
Tgt Ion:128 Resp: 11351

Ion Ratio Lower Upper

128 100

127 10.9 10.7 16.1

129 5.3 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

