

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055415.D
 Acq On : 6 May 2019 13:39
 Operator : JC/SP
 Sample : K2658-04 10X
 Misc : 6.25µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E6(17-20)

Quant Time: May 07 02:07:04 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

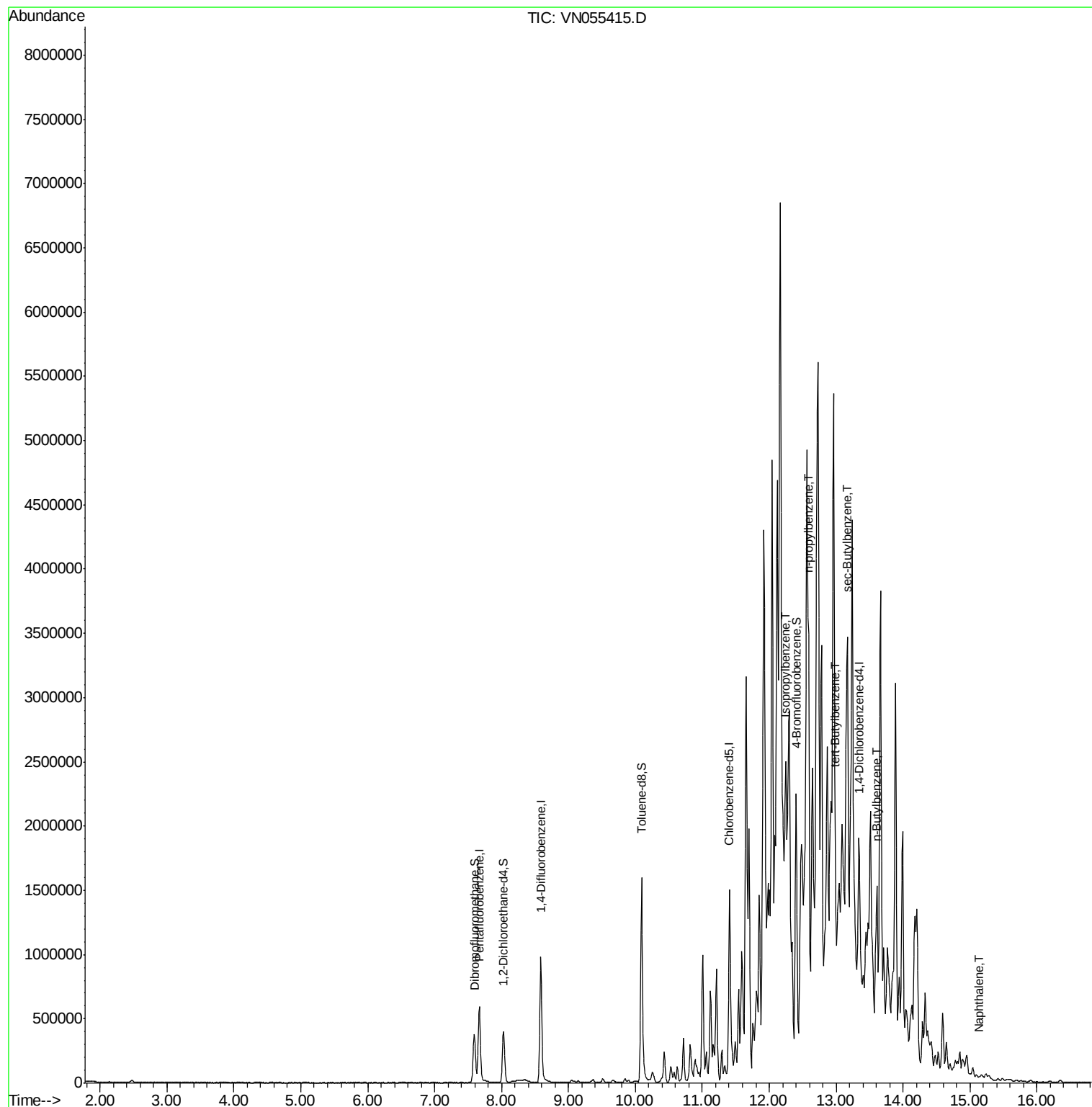
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	500587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	901672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	846545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	344450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	352304	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
35) Dibromofluoromethane	7.59	113	281281	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
50) Toluene-d8	10.09	98	1117358	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.40	95	479082	71.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.46%	
Target Compounds						
73) Isopropylbenzene	12.25	105	728735	25.008	ug/l	100
78) n-propylbenzene	12.59	91	2161923	61.102	ug/l	99
83) tert-Butylbenzene	12.99	119	149627	5.222	ug/l	94
85) sec-Butylbenzene	13.17	105	1125626	38.351	ug/l #	66
89) n-Butylbenzene	13.61	91	555210	32.389	ug/l	90
95) Naphthalene	15.13	128	7368	4.047	ug/l #	87

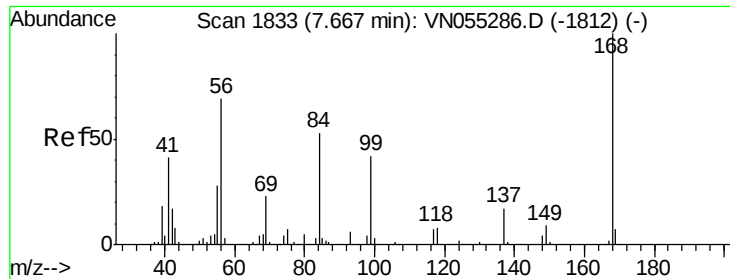
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP1-SB-E6(17-20)

Quant Time: May 07 02:07:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
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: VN055415.D

Acq: 6 May 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

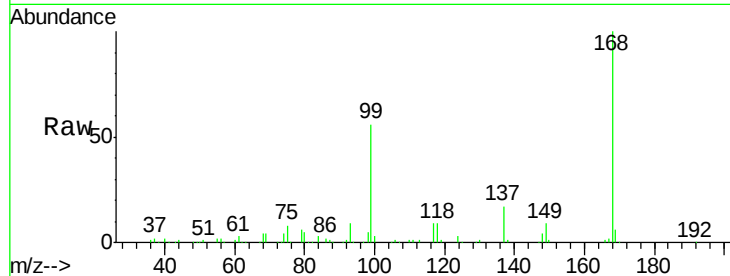
EP1-SB-E6(17-20)

Tot Ion:168 Resp: 500587

Ion Ratio Lower Upper

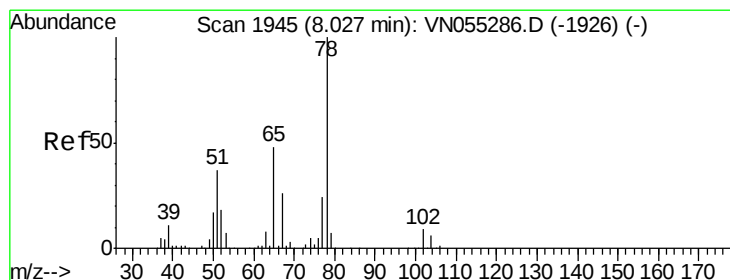
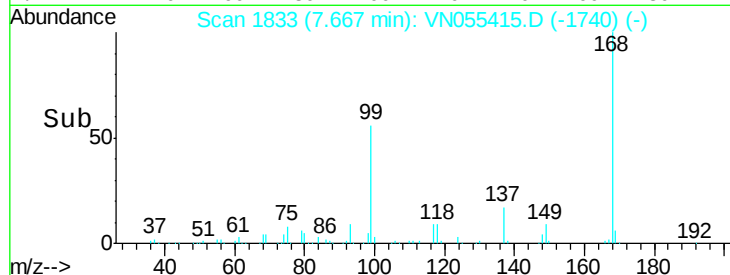
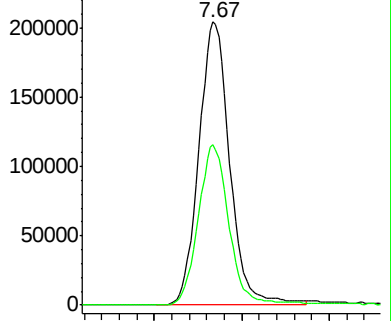
168 100

99 56.5 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 53.797 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055415.D

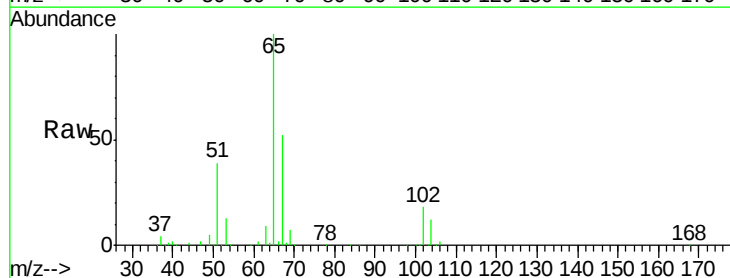
Acq: 6 May 2019 13:39

Tgt Ion: 65 Resp: 352304

Ion Ratio Lower Upper

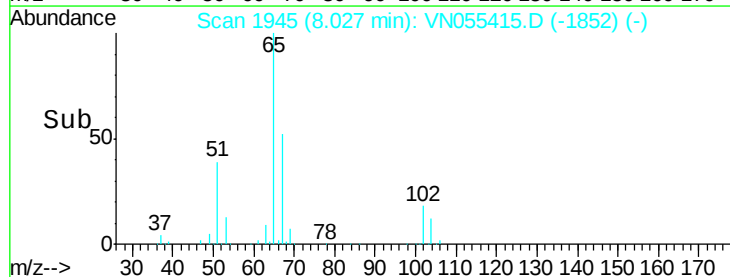
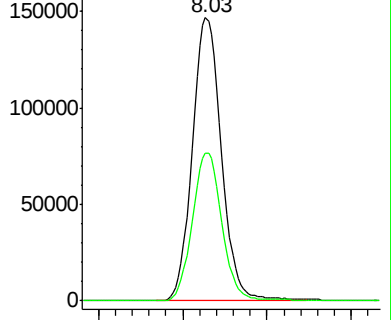
65 100

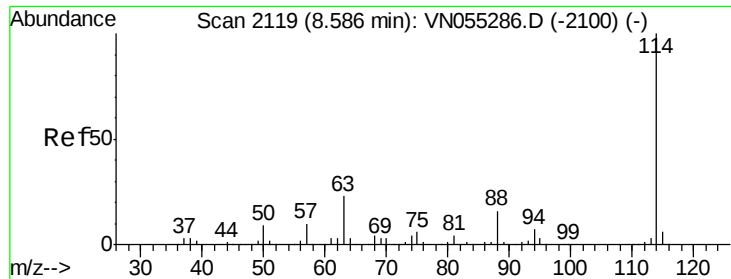
67 52.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055415.D

Acq: 6 May 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E6(17-20)

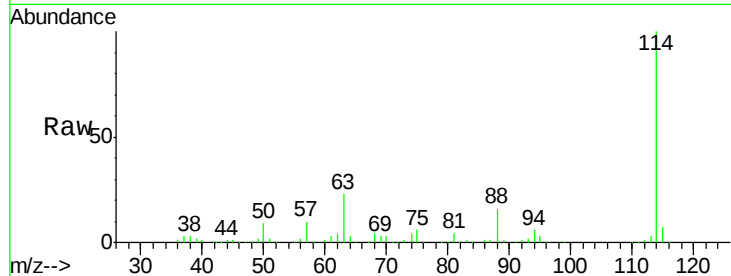
Tot Ion:114 Resp: 901672

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.2

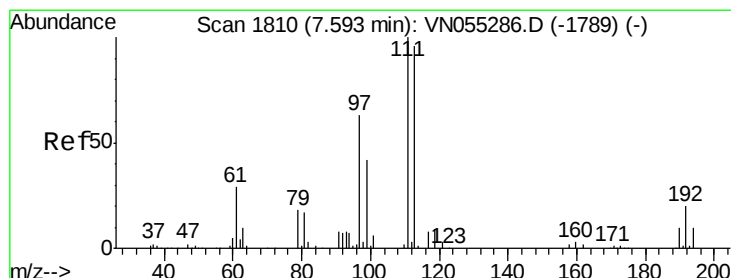
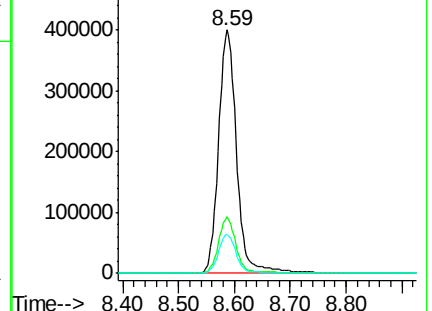
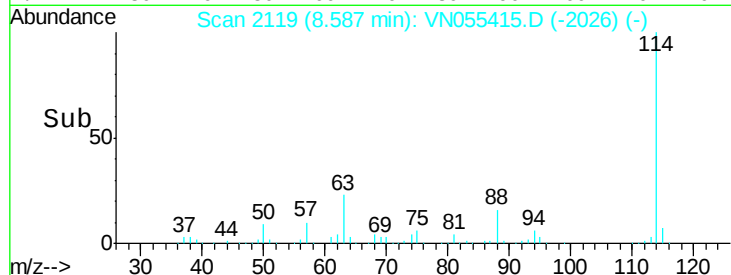
88 15.9 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.528 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055415.D

Acq: 6 May 2019 13:39

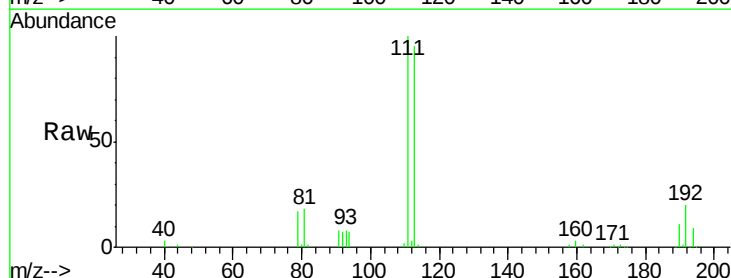
Tgt Ion:113 Resp: 281281

Ion Ratio Lower Upper

113 100

111 104.6 82.3 123.5

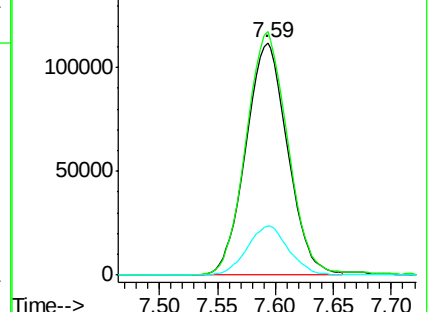
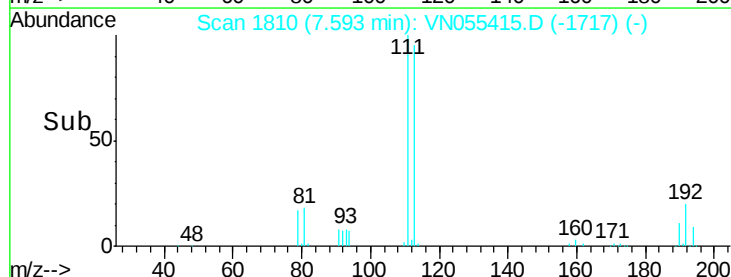
192 21.0 17.0 25.6

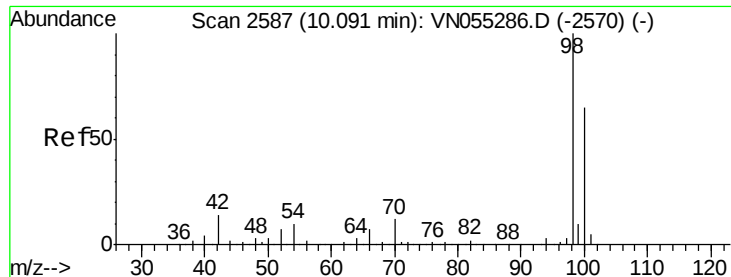


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.286 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055415.D

Acq: 6 May 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

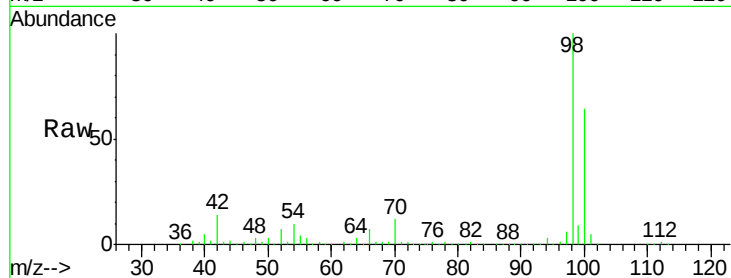
EP1-SB-E6(17-20)

Tot Ion: 98 Resp: 1117358

Ion Ratio Lower Upper

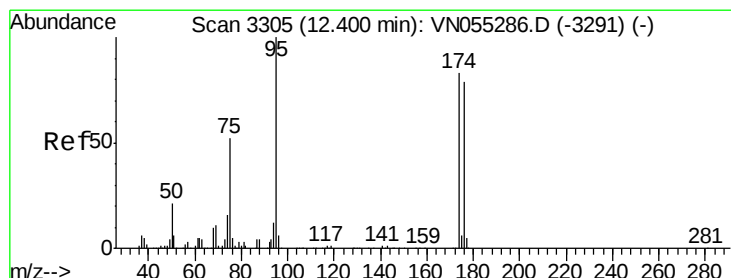
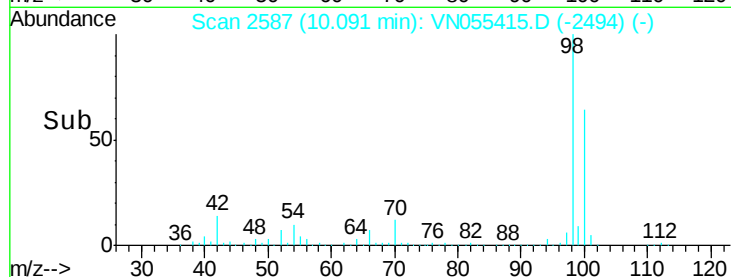
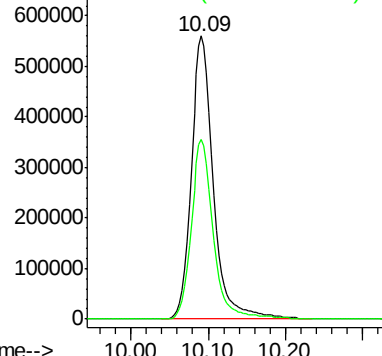
98 100

100 63.5 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: 71.730 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055415.D

Acq: 6 May 2019 13:39

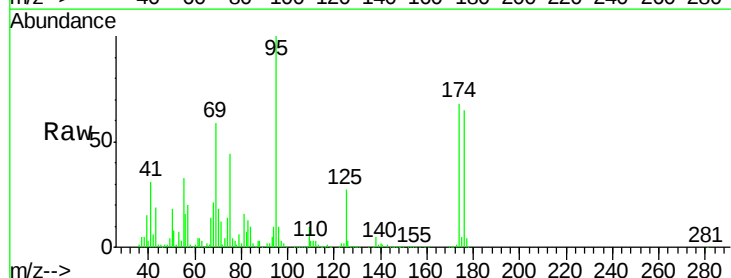
Tgt Ion: 95 Resp: 479082

Ion Ratio Lower Upper

95 100

174 68.4 0.0 166.6

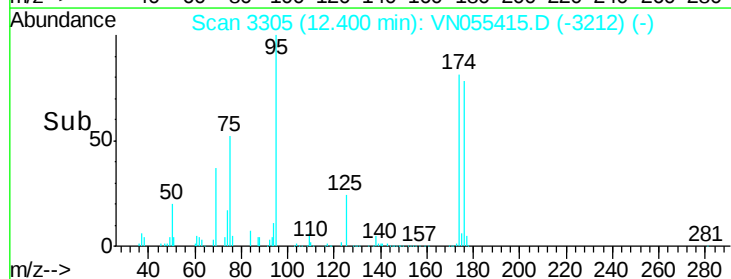
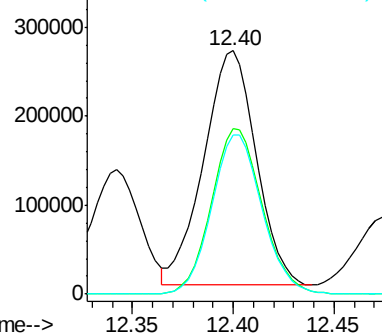
176 65.5 0.0 157.8

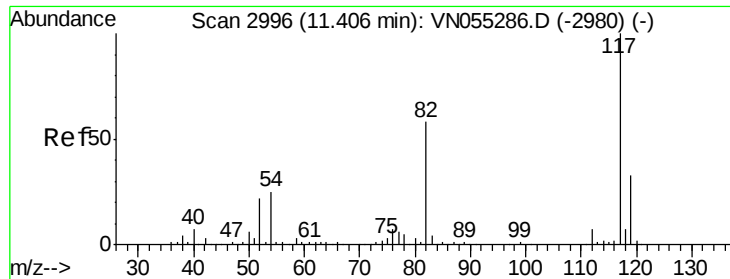


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

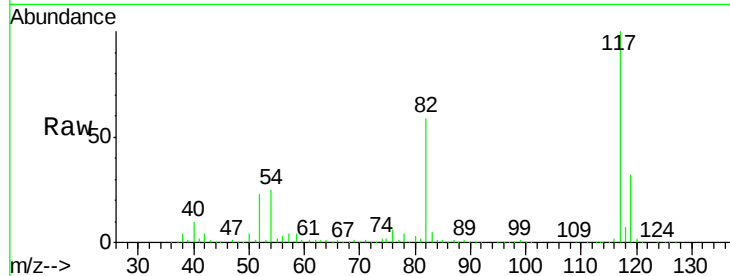




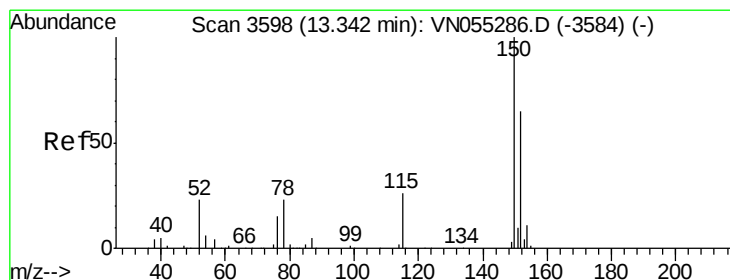
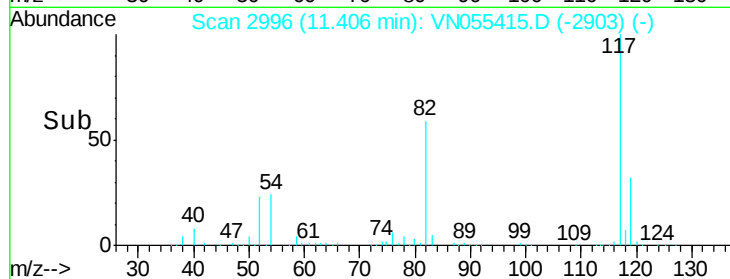
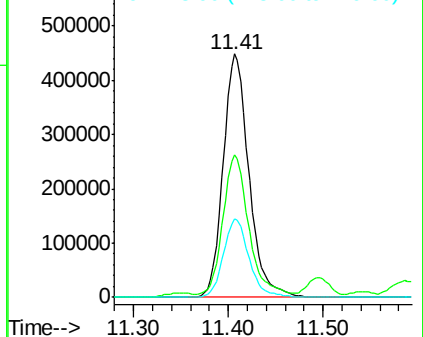
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055415.D
Acq: 6 May 2019 13:39

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E6(17-20)

Tot Ion:117 Resp: 846545
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 32.3 26.6 40.0

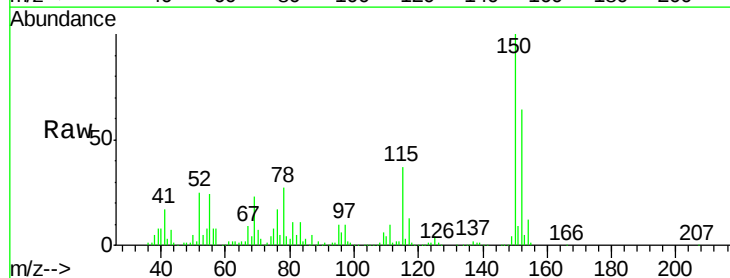


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

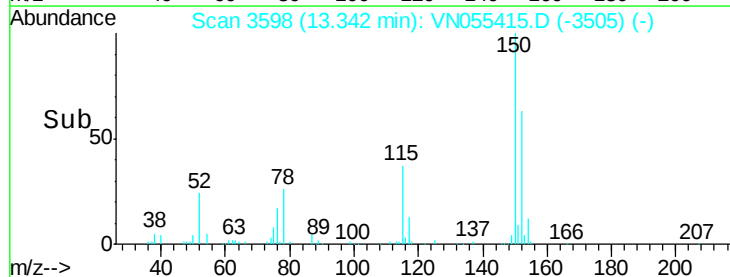
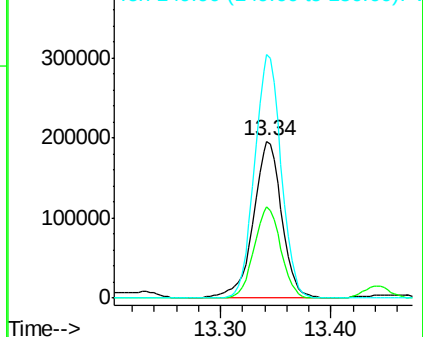


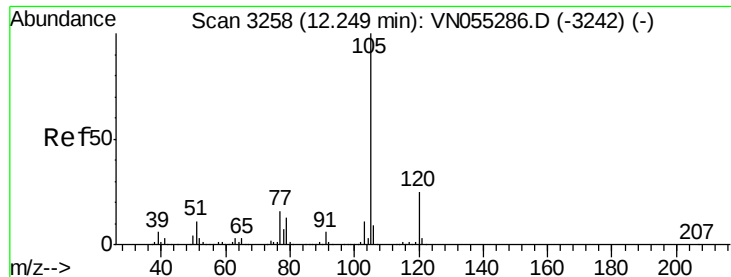
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055415.D
Acq: 6 May 2019 13:39

Tgt Ion:152 Resp: 344450
Ion Ratio Lower Upper
152 100
115 55.4 29.0 87.0
150 147.1 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: 25.008 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055415.D

Acq: 6 May 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

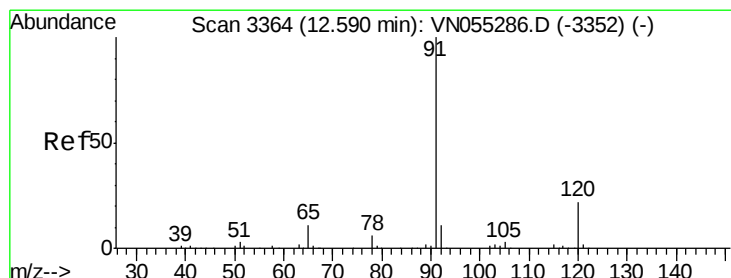
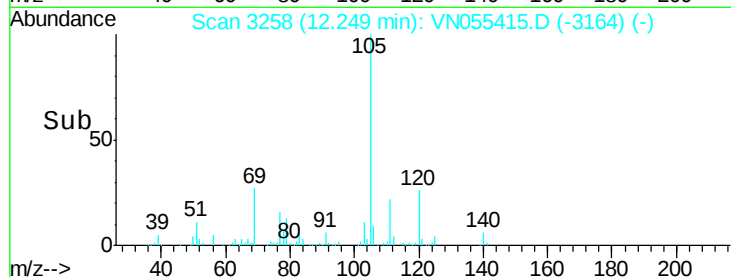
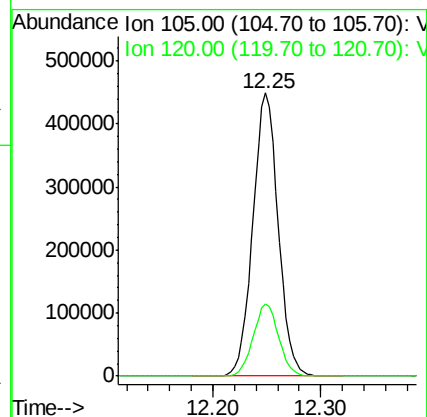
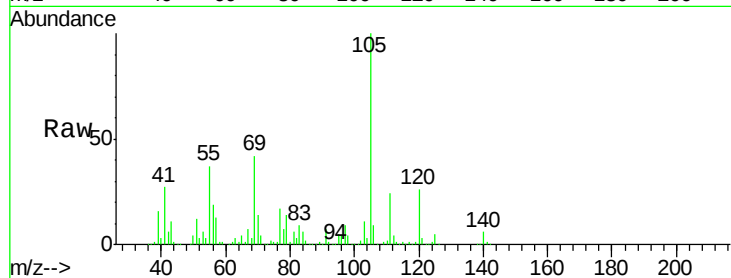
EP1-SB-E6(17-20)

Tot Ion:105 Resp: 728735

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



#78

n-propylbenzene

Concen: 61.102 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055415.D

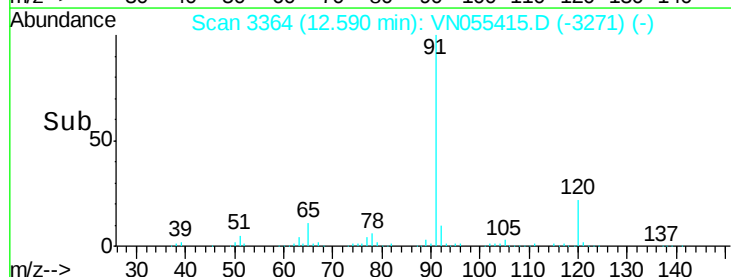
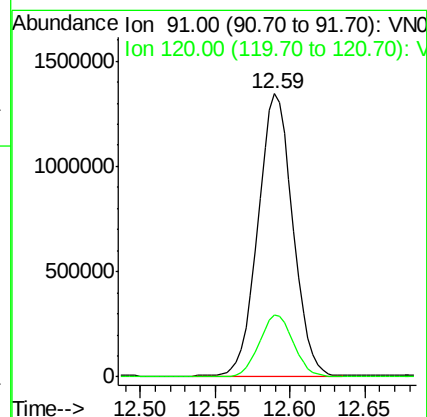
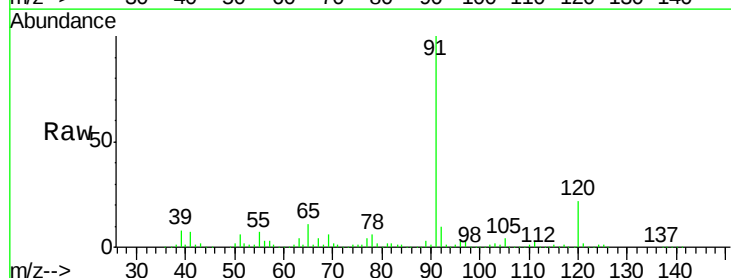
Acq: 6 May 2019 13:39

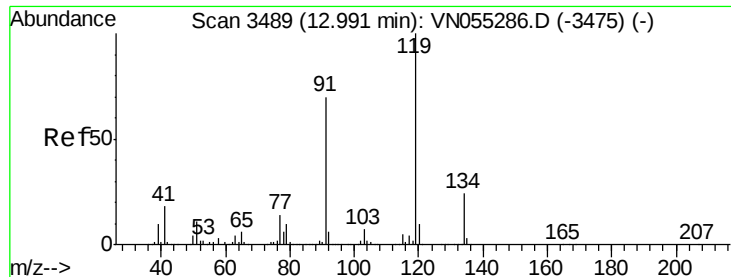
Tgt Ion: 91 Resp: 2161923

Ion Ratio Lower Upper

91 100

120 21.7 11.0 33.0

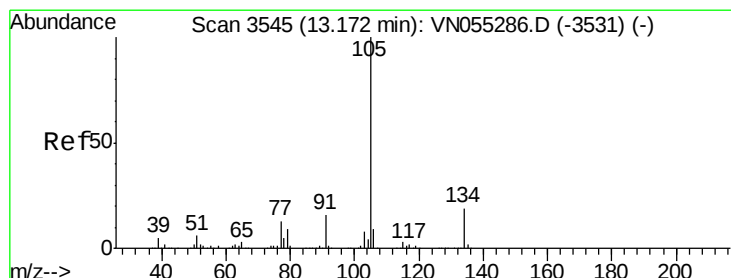
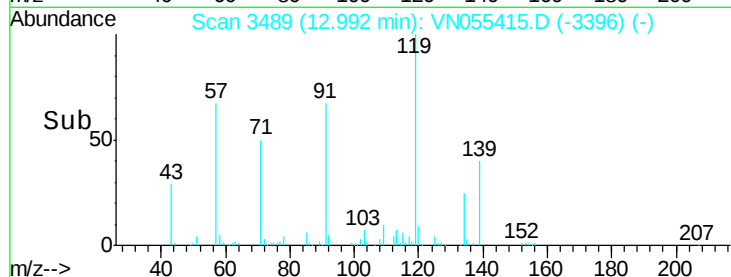
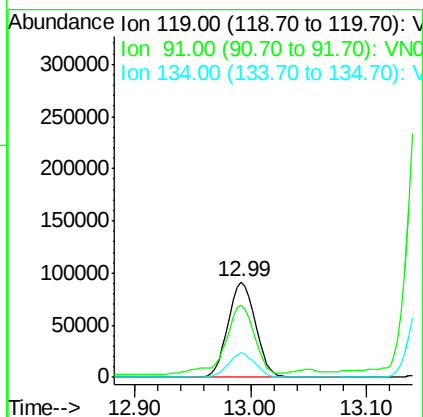
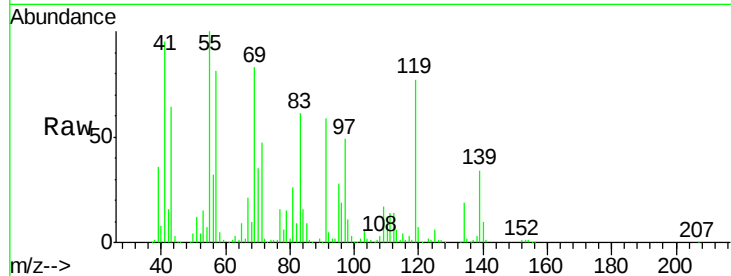




#83
tert-Butylbenzene
Concen: 5.222 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055415.D
Acq: 6 May 2019 13:39

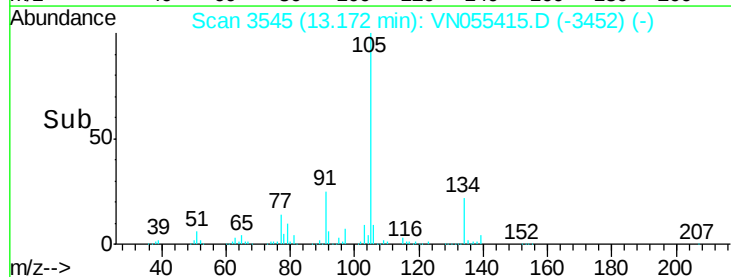
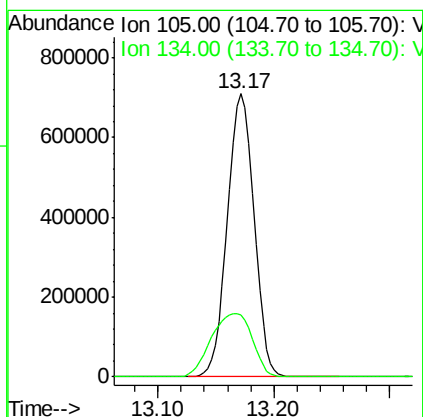
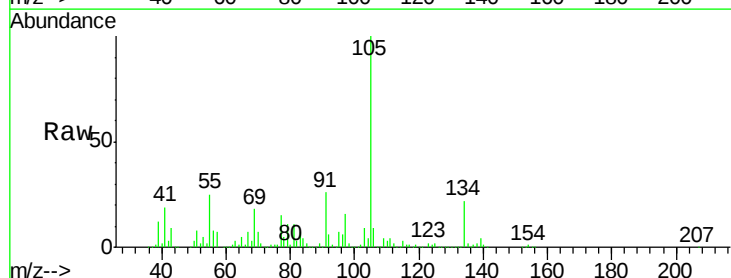
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E6(17-20)

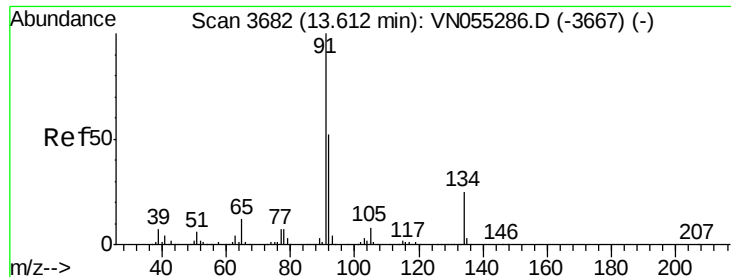
Tot Ion:119 Resp: 149627
Ion Ratio Lower Upper
119 100
91 74.9 34.3 102.9
134 24.7 13.1 39.3



#85
sec-Butylbenzene
Concen: 38.351 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN055415.D
Acq: 6 May 2019 13:39

Tgt Ion:105 Resp: 1125626
Ion Ratio Lower Upper
105 100
134 34.4 9.6 28.8#

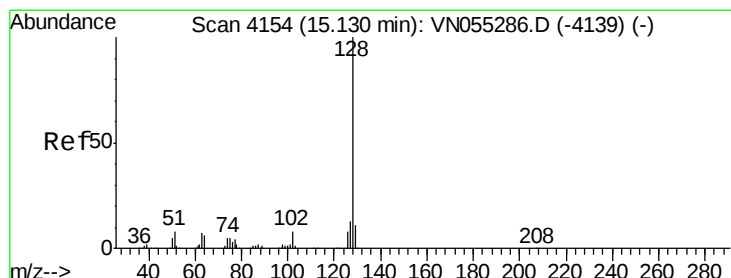
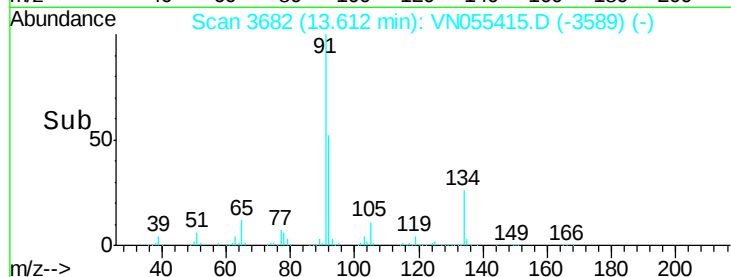
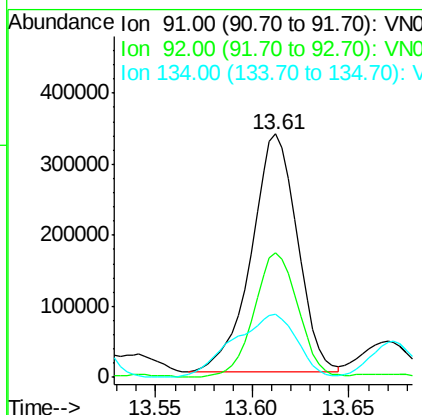
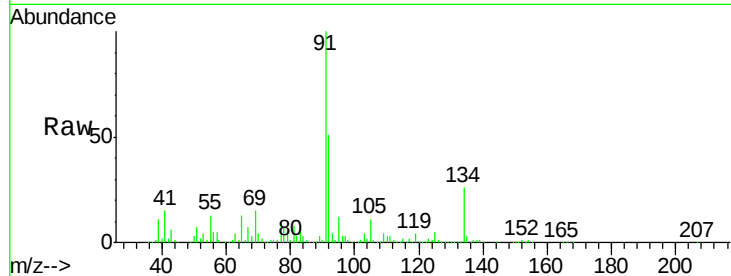




#89
n-Butylbenzene
Concen: 32.389 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055415.D
Acq: 6 May 2019 13:39

Instrument :
MSVOA_N
ClientSampled :
EP1-SB-E6(17-20)

Tot Ion: 91 Resp: 555210
Ion Ratio Lower Upper
91 100
92 49.2 26.1 78.3
134 36.5 12.4 37.4



#95
Naphthalene
Concen: 4.047 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055415.D
Acq: 6 May 2019 13:39

Tgt Ion: 128 Resp: 7368
Ion Ratio Lower Upper
128 100
127 21.6 10.7 16.1#
129 9.6 8.6 13.0

