

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052476.D
 Acq On : 27 Nov 2018 14:07
 Operator : MD\SY
 Sample : J5993-03ME
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

Quant Time: Nov 28 09:40:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1164743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1781670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1549424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	672109	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	587216	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
35) Dibromofluoromethane	7.59	113	534968	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	10.09	98	2207881	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.40	95	741389	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

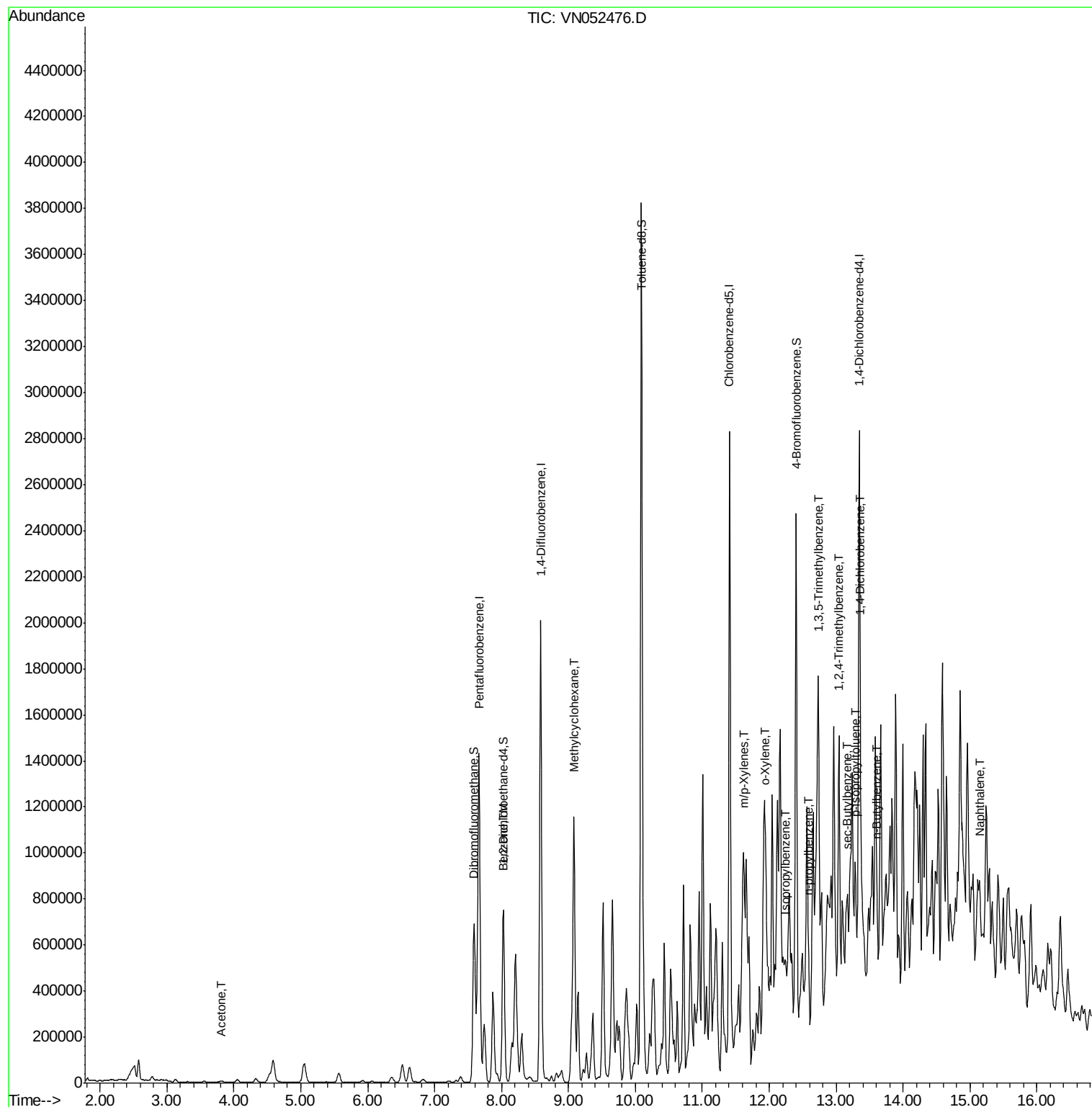
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	7710	2.30	ug/l	89
39) Methylcyclohexane	9.08	83	402922	19.70	ug/l	92
40) Benzene	8.04	78	78056	1.56	ug/l	96
68) m/p-Xylenes	11.62	106	250691	12.04	ug/l	99
69) o-Xylene	11.95	106	153108	7.57	ug/l	98
73) Isopropylbenzene	12.25	105	58748	1.11	ug/l	99
78) n-propylbenzene	12.59	91	181415	3.03	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	283288	6.74	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	559539	13.28	ug/l	100
85) sec-Butylbenzene	13.17	105	108433	2.12	ug/l #	59
86) p-Isopropyltoluene	13.29	119	137206	3.15	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	29376	1.31	ug/l #	13
89) n-Butylbenzene	13.62	91	128513	3.55	ug/l #	74
95) Naphthalene	15.13	128	115884	7.69	ug/l #	83

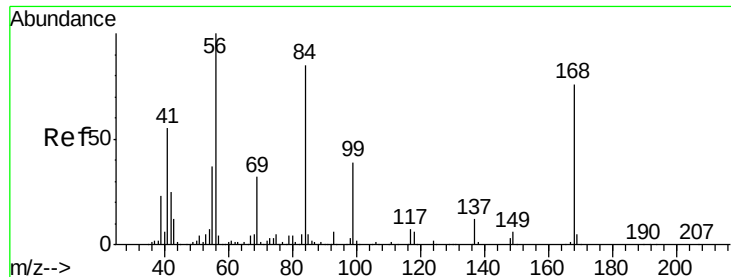
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

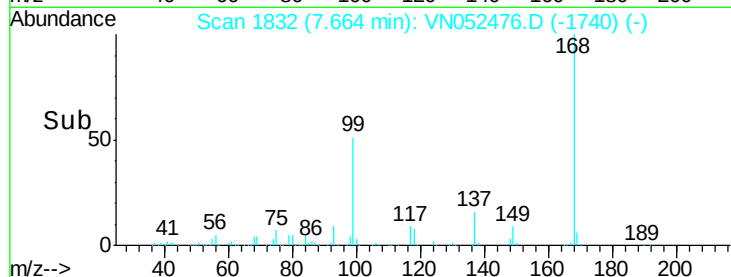
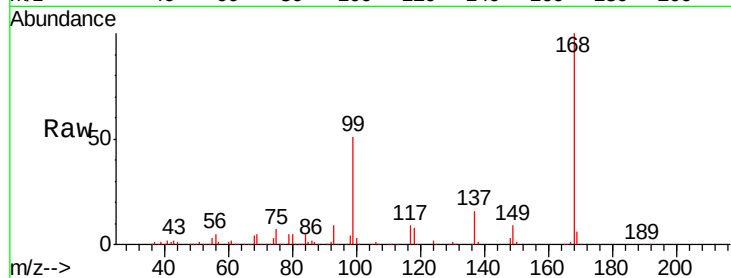
20180927-WCC-3-COMPOSITE

Tgt Ion:168 Resp: 1164743

Ion Ratio Lower Upper

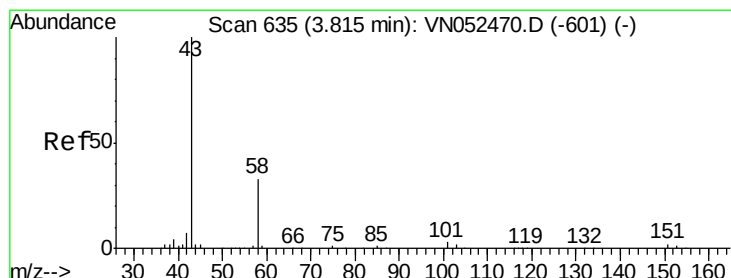
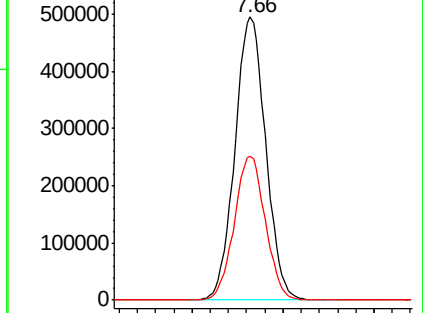
168 100

99 51.0 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 2.30 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052476.D

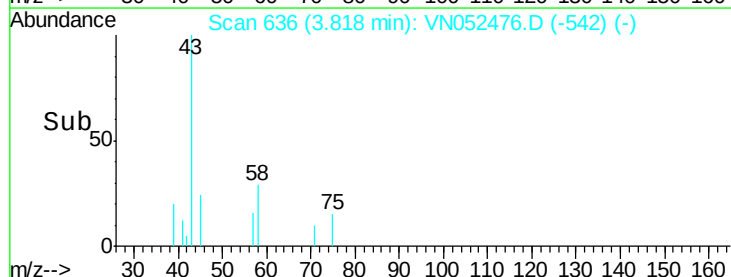
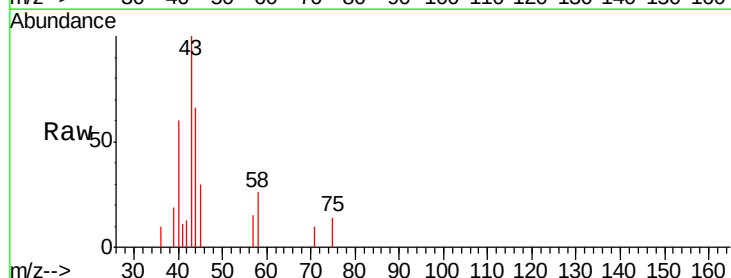
Acq: 27 Nov 2018 14:07

Tgt Ion: 43 Resp: 7710

Ion Ratio Lower Upper

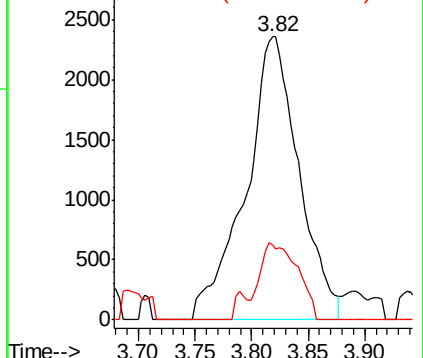
43 100

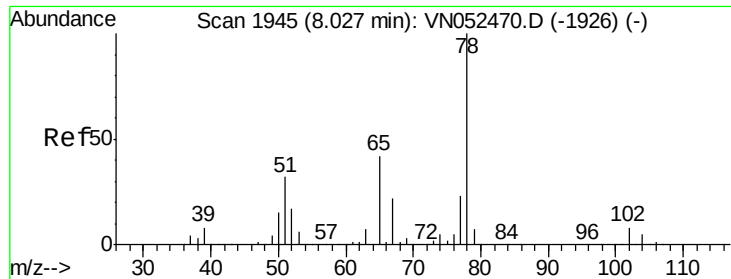
58 26.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

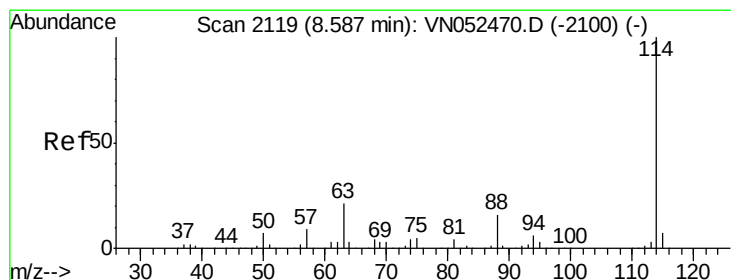
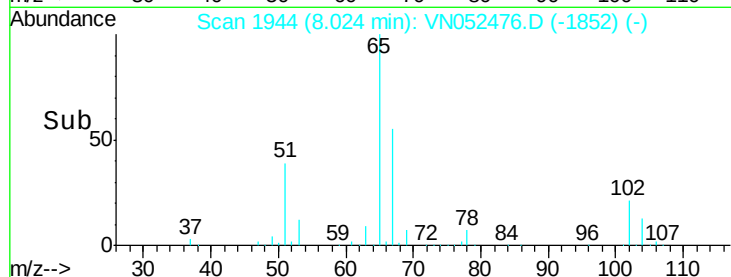
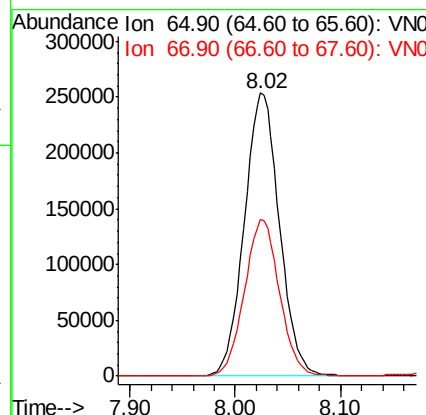
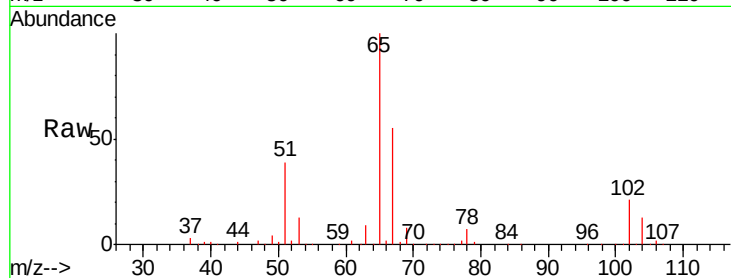




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

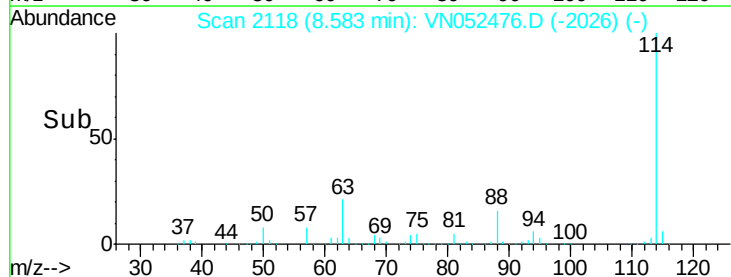
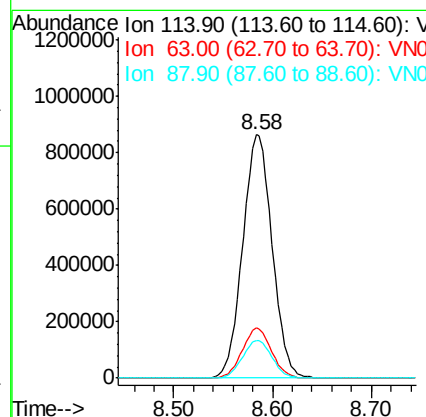
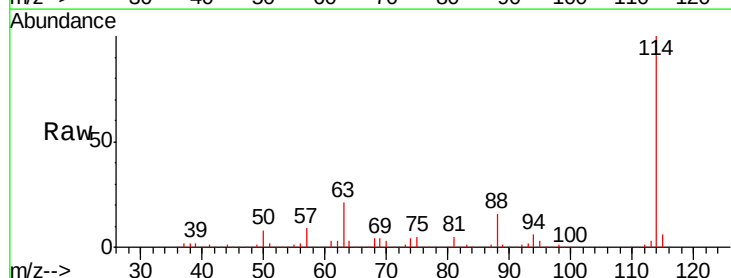
Instrument :
 MSVOA_N
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

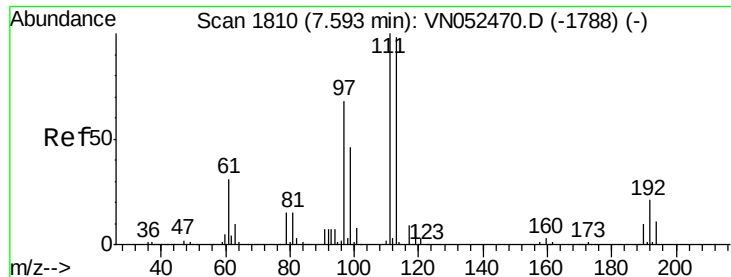
Tgt Ion: 65 Resp: 587216
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

Tgt Ion: 114 Resp: 1781670
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.8
 88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

20180927-WCC-3-COMPOSITEME

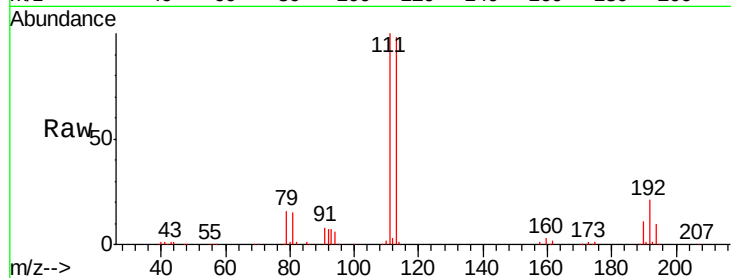
Tgt Ion:113 Resp: 534968

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

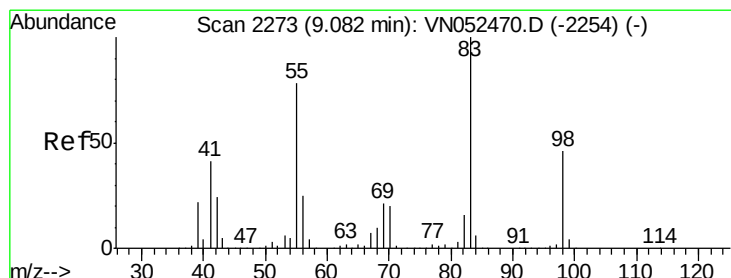
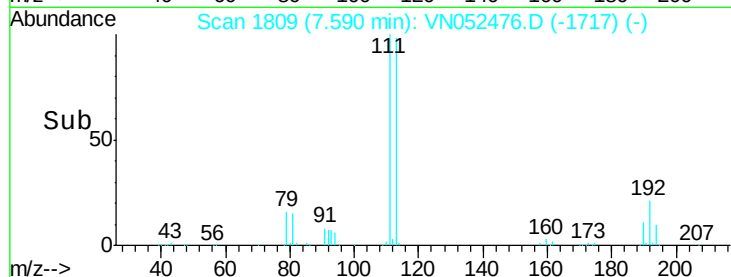
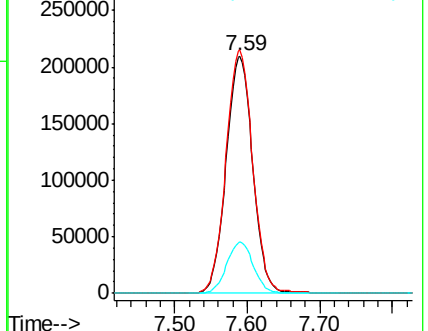
192 21.6 17.0 25.6



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



#39

Methylcyclohexane

Concen: 19.70 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

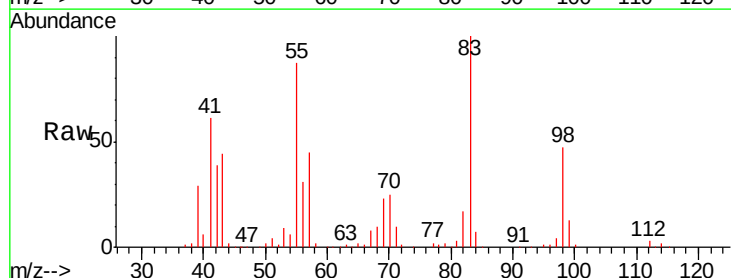
Tgt Ion: 83 Resp: 402922

Ion Ratio Lower Upper

83 100

55 86.6 62.2 93.2

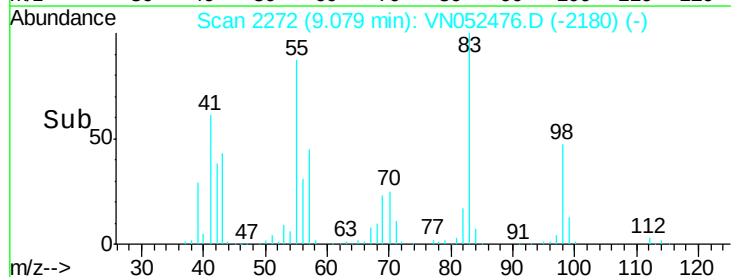
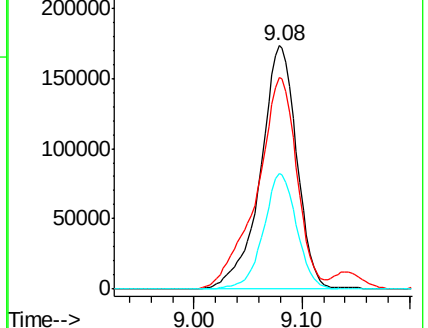
98 47.4 36.4 54.6

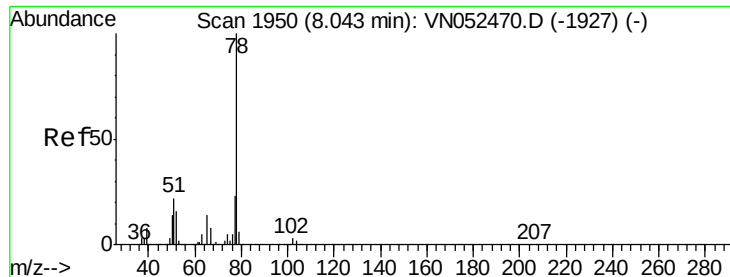


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 1.56 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

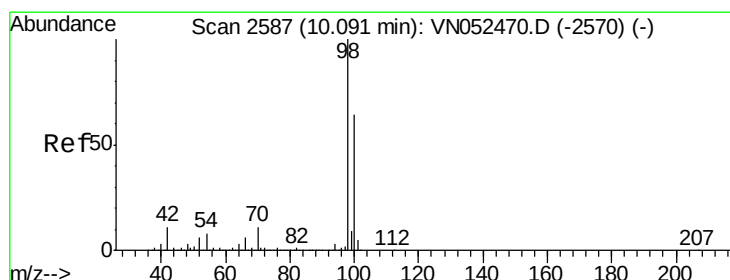
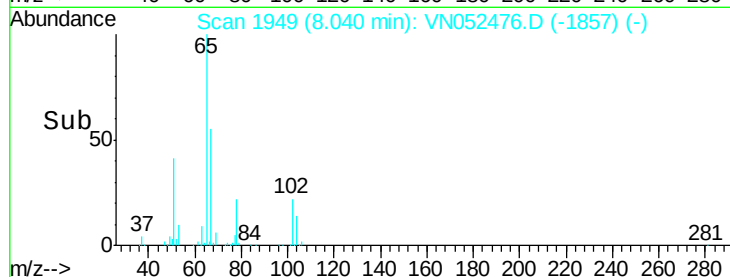
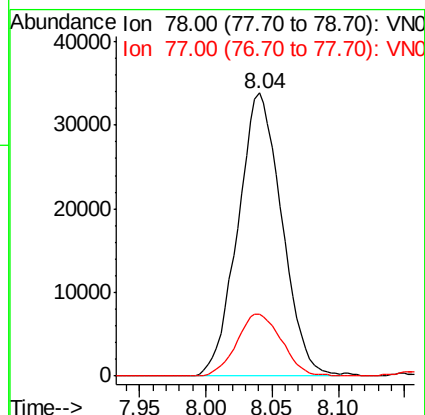
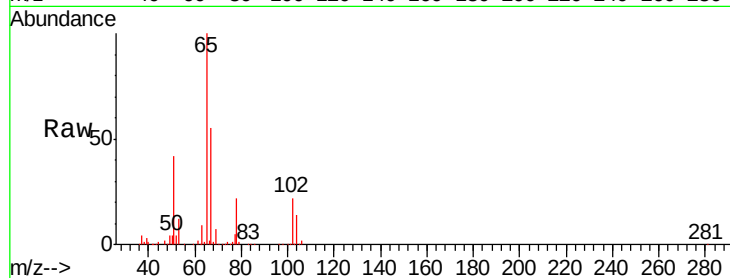
20180927-WCC-3-COMPOSITE

Tgt Ion: 78 Resp: 78056

Ion Ratio Lower Upper

78 100

77 21.8 18.8 28.2



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052476.D

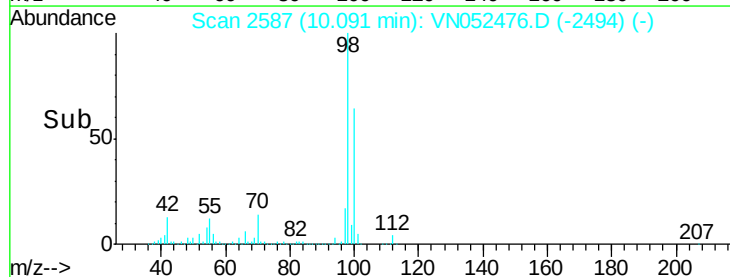
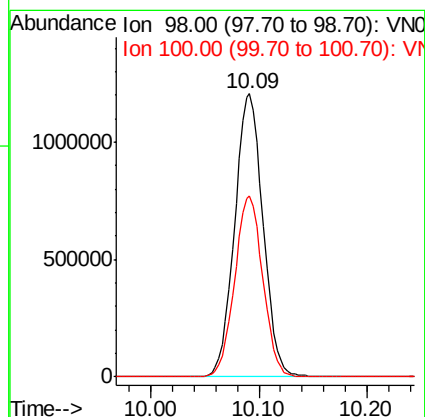
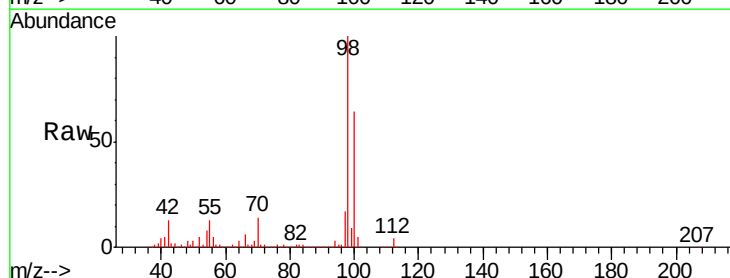
Acq: 27 Nov 2018 14:07

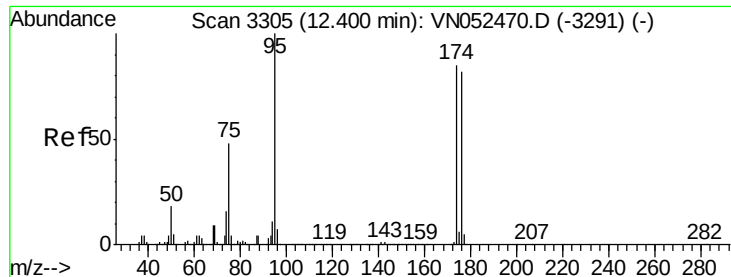
Tgt Ion: 98 Resp: 2207881

Ion Ratio Lower Upper

98 100

100 63.5 51.3 76.9





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

20180927-WCC-3-COMPOSITEME

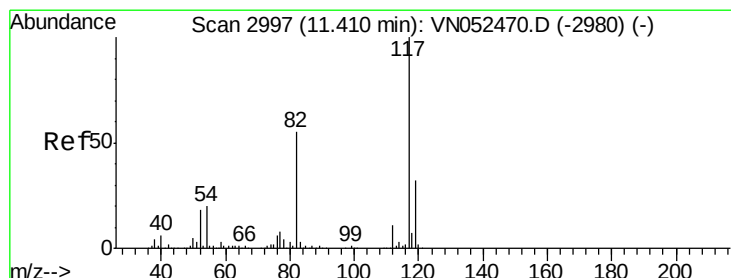
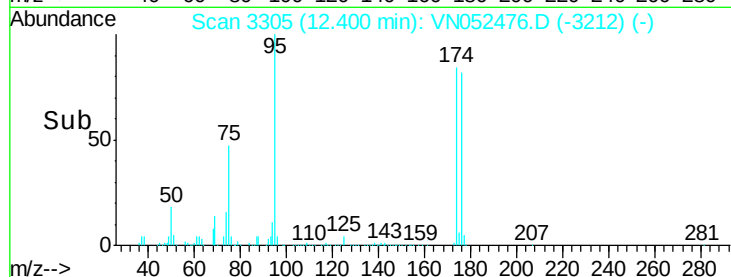
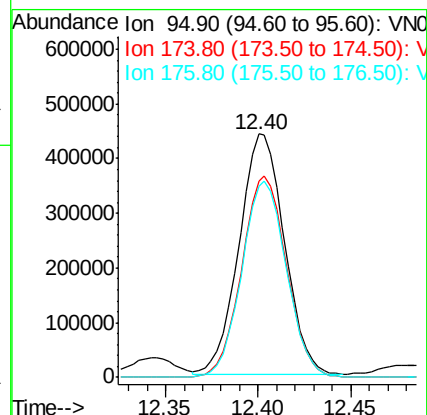
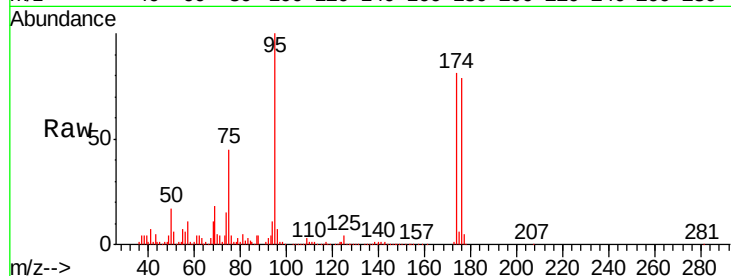
Tgt Ion: 95 Resp: 741389

Ion Ratio Lower Upper

95 100

174 83.2 0.0 173.0

176 81.0 0.0 166.2



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

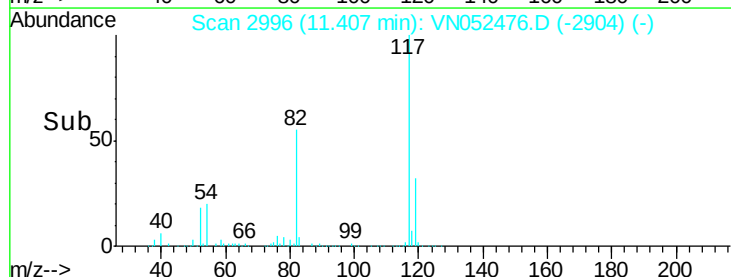
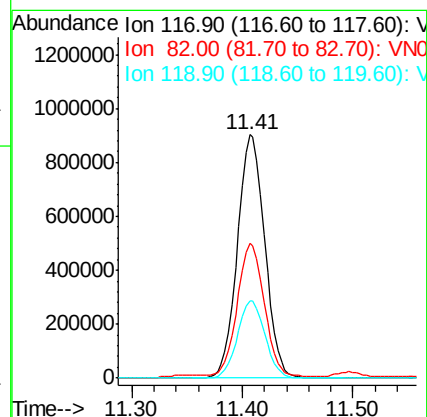
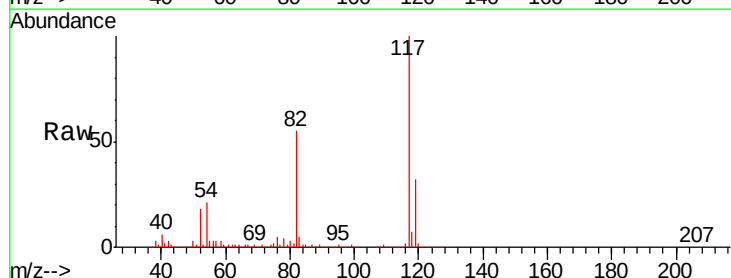
Tgt Ion: 117 Resp: 1549424

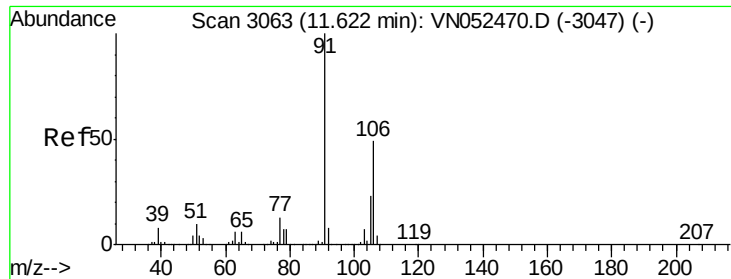
Ion Ratio Lower Upper

117 100

82 54.2 43.6 65.4

119 31.9 25.4 38.2

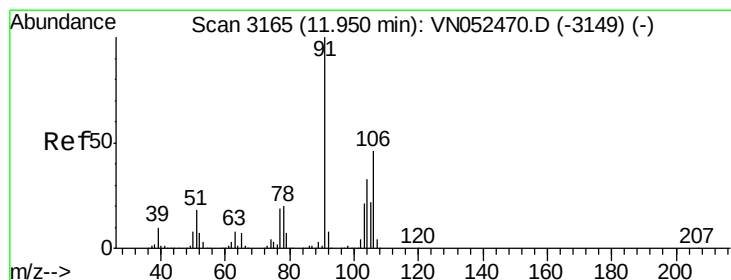
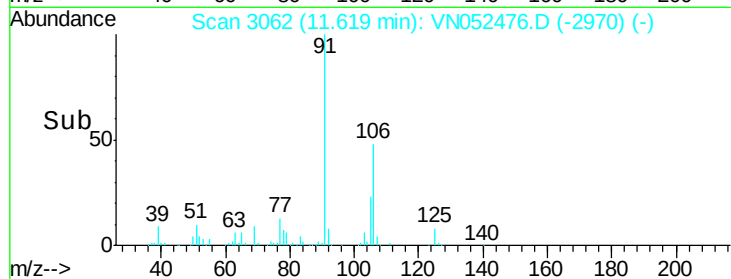
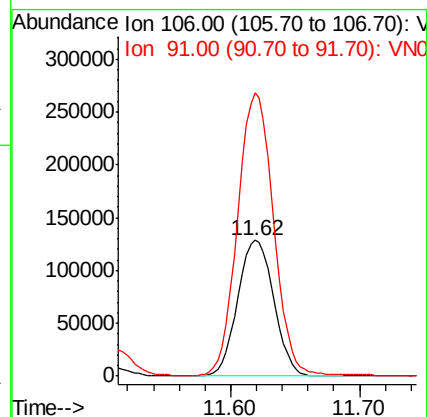
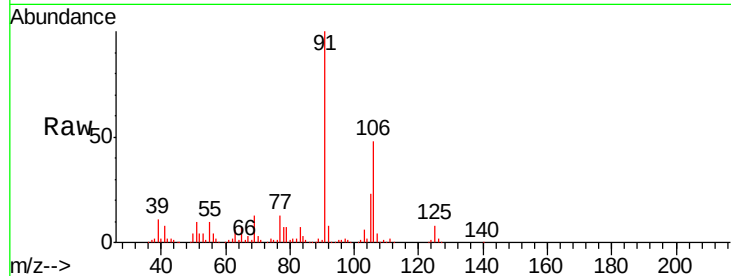




#68
m/p-Xylenes
Concen: 12.04 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

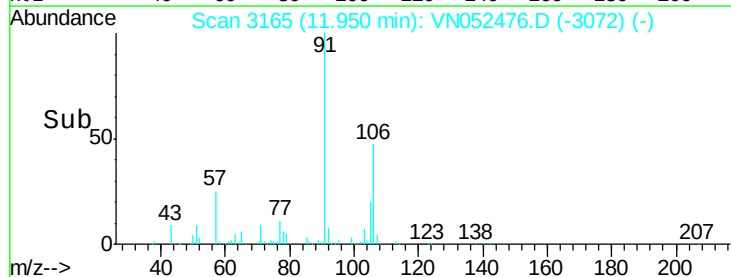
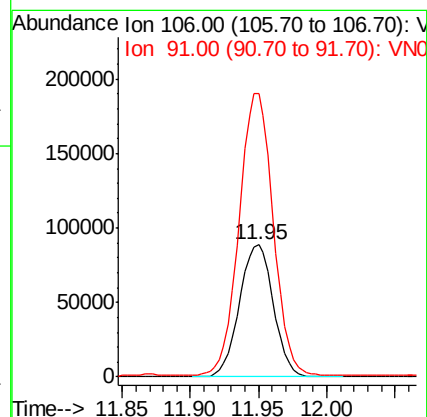
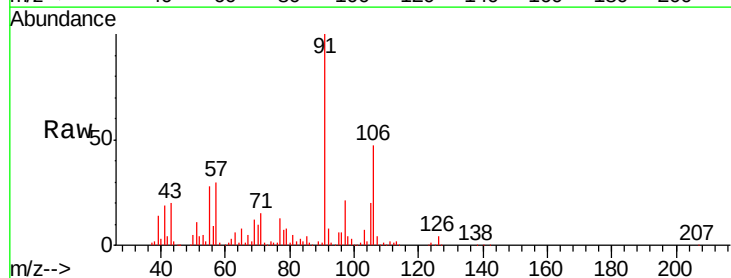
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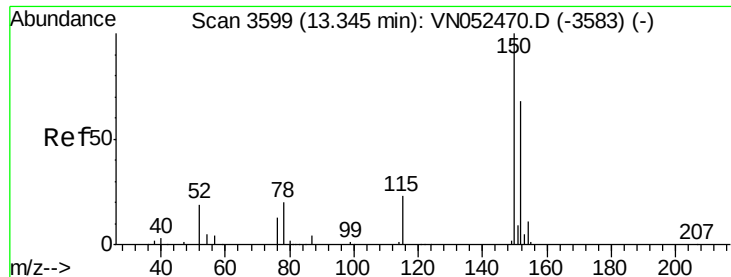
Tgt Ion:106 Resp: 250691
Ion Ratio Lower Upper
106 100
91 205.6 163.2 244.8



#69
o-Xylene
Concen: 7.57 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

Tgt Ion:106 Resp: 153108
Ion Ratio Lower Upper
106 100
91 212.7 107.7 323.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

20180927-WCC-3-COMPOSITEME

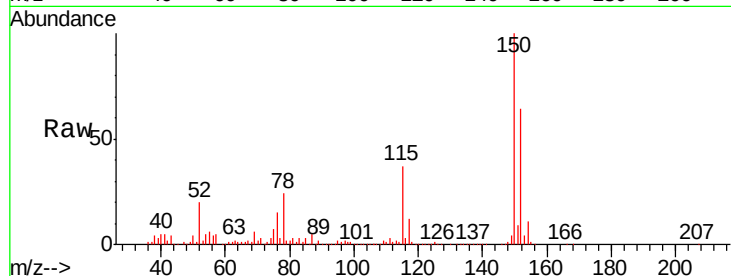
Tgt Ion:152 Resp: 672109

Ion Ratio Lower Upper

152 100

115 57.4 28.4 85.2

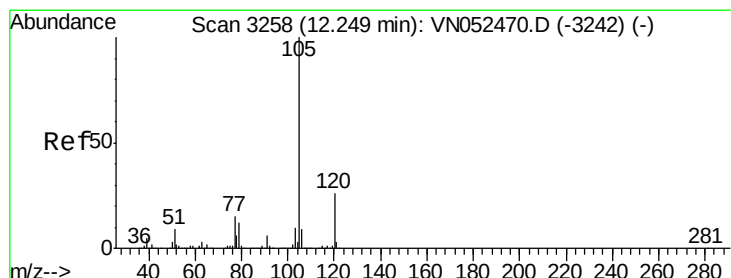
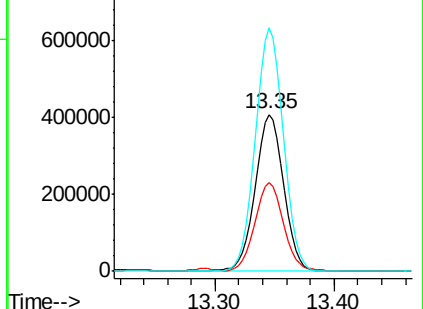
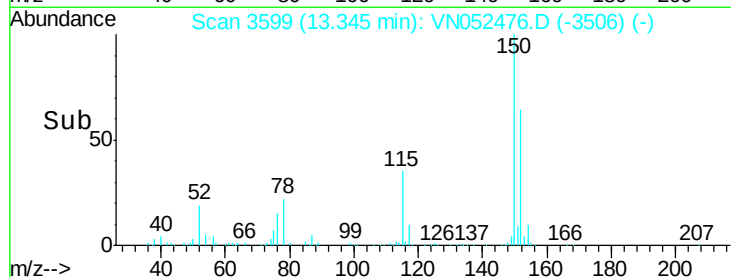
150 153.7 0.0 346.0



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: 1.11 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052476.D

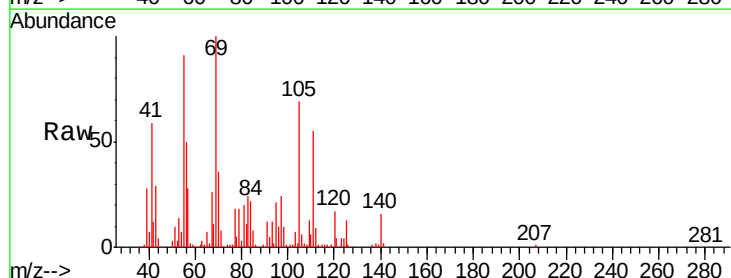
Acq: 27 Nov 2018 14:07

Tgt Ion:105 Resp: 58748

Ion Ratio Lower Upper

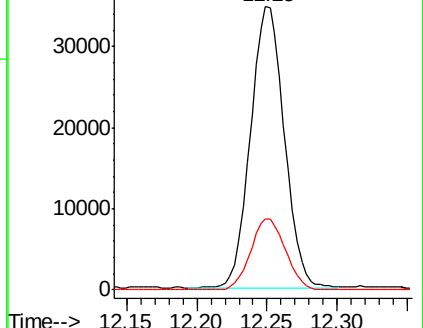
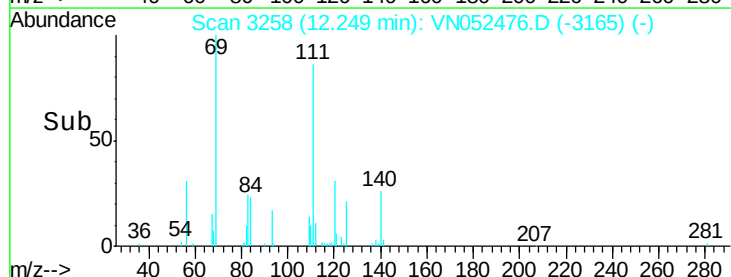
105 100

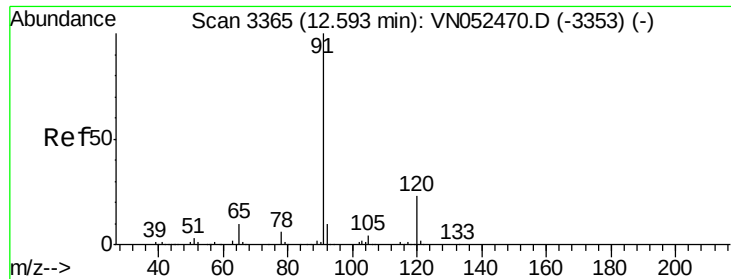
120 25.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 3.03 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

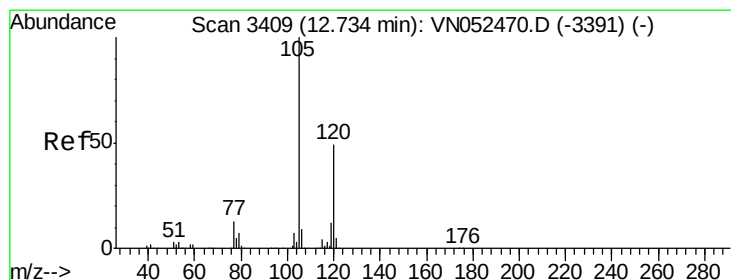
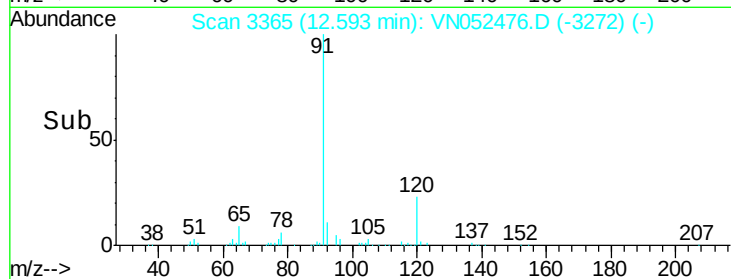
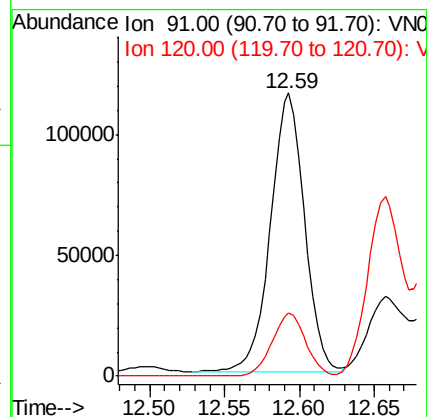
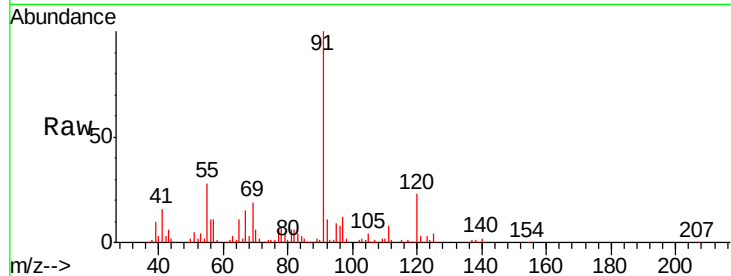
20180927-WCC-3-COMPOSITEME

Tgt Ion: 91 Resp: 181415

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.9



#80

1,3,5-Trimethylbenzene

Concen: 6.74 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052476.D

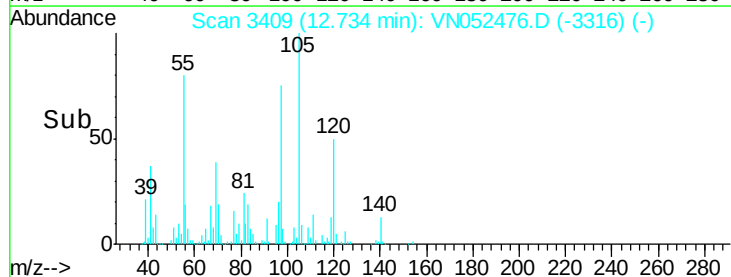
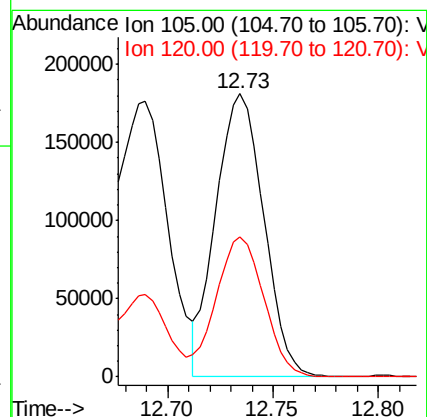
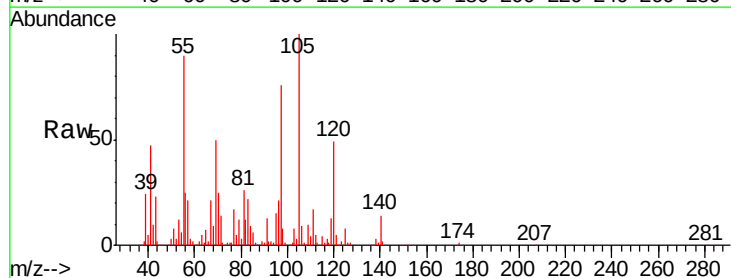
Acq: 27 Nov 2018 14:07

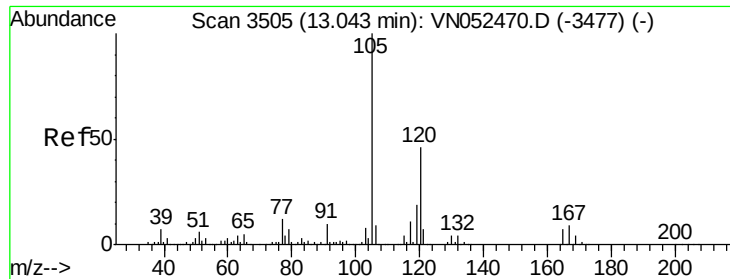
Tgt Ion: 105 Resp: 283288

Ion Ratio Lower Upper

105 100

120 50.2 24.3 73.0

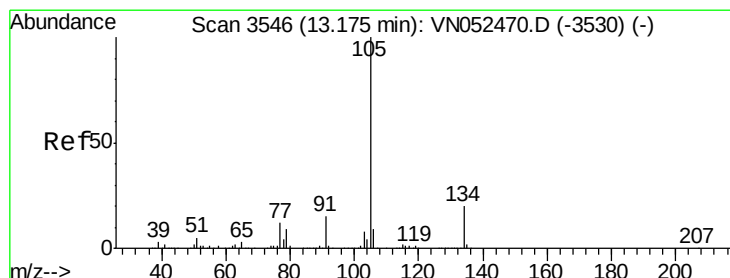
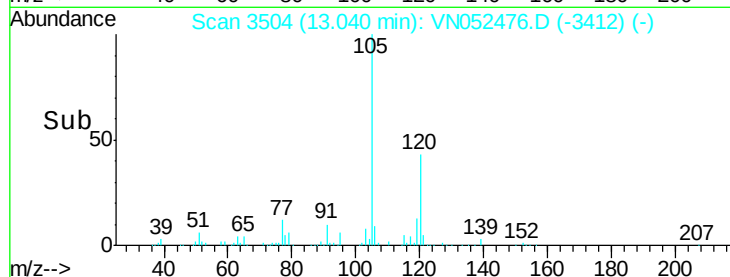
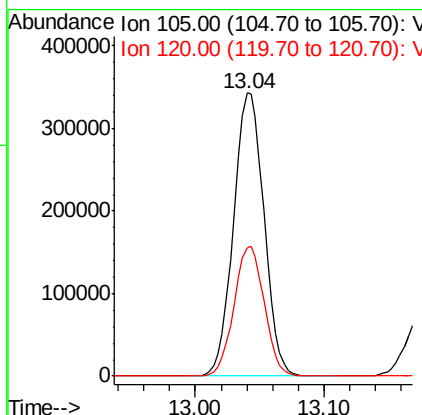
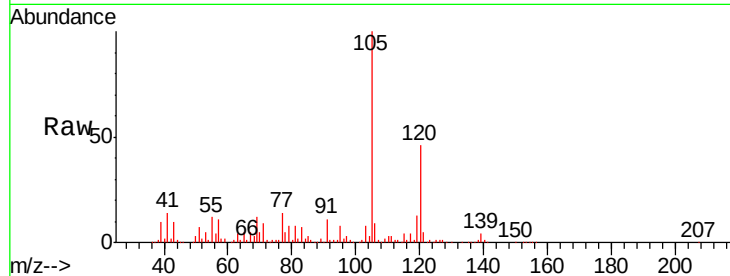




#84
 1,2,4-Trimethylbenzene
 Concen: 13.28 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

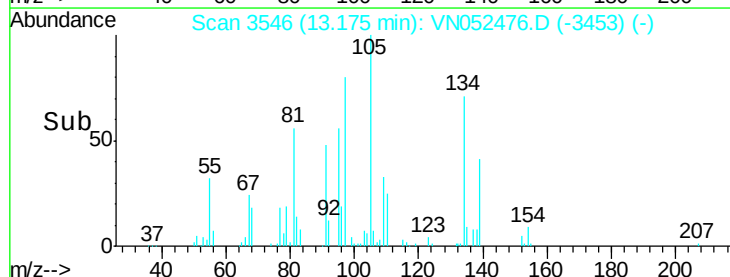
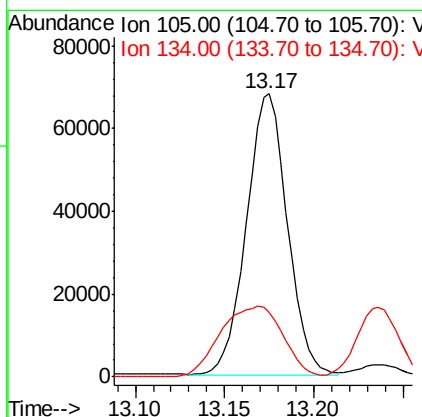
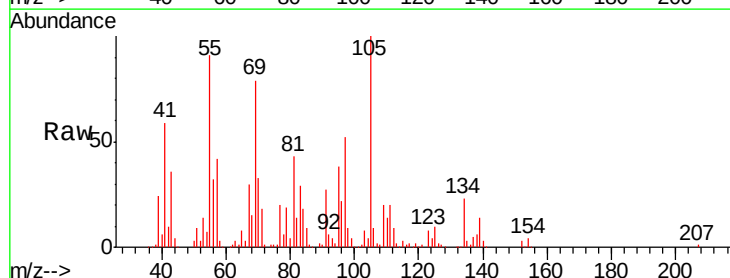
Instrument :
 MSVOA_N
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

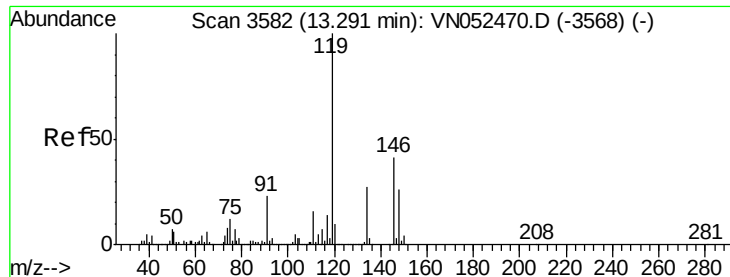
Tgt Ion:105 Resp: 559539
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 2.12 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

Tgt Ion:105 Resp: 108433
 Ion Ratio Lower Upper
 105 100
 134 38.4 9.9 29.7#

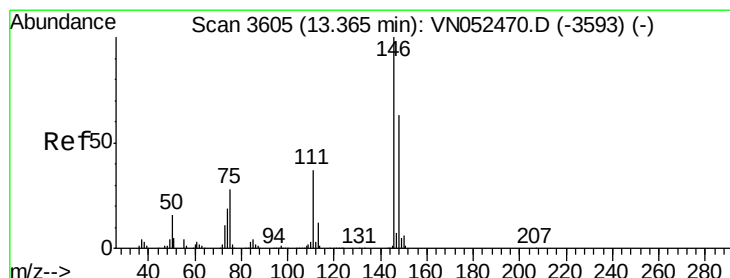
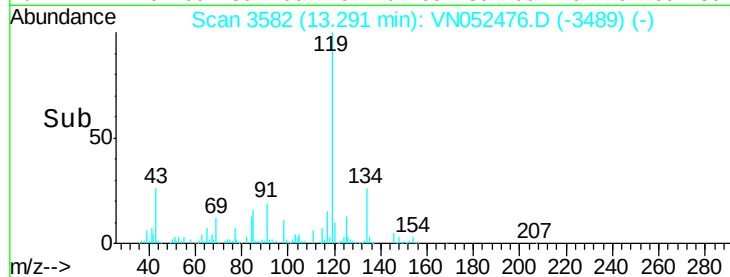
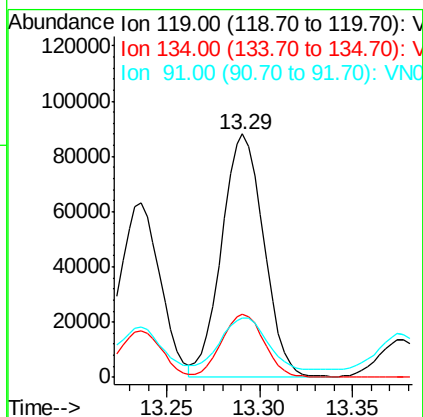
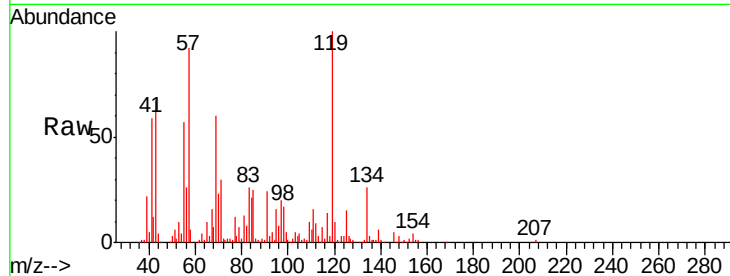




#86
 p-Isopropyltoluene
 Concen: 3.15 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

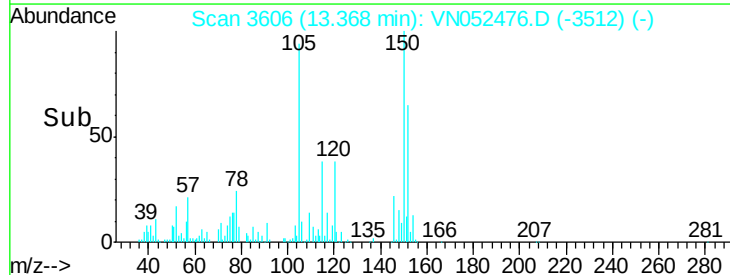
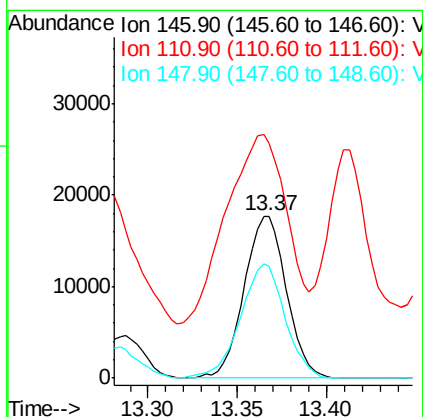
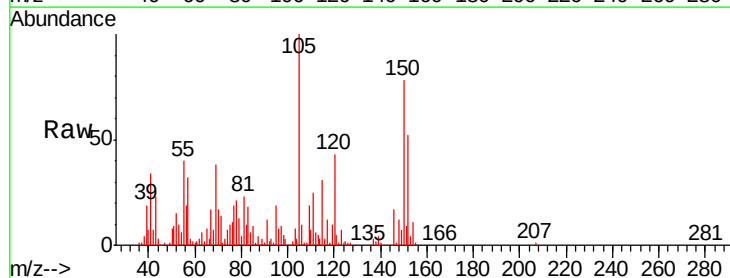
Instrument :
 MSVOA_N
 ClientSampleId :
 20180927-WCC-3-COMPOSITEME

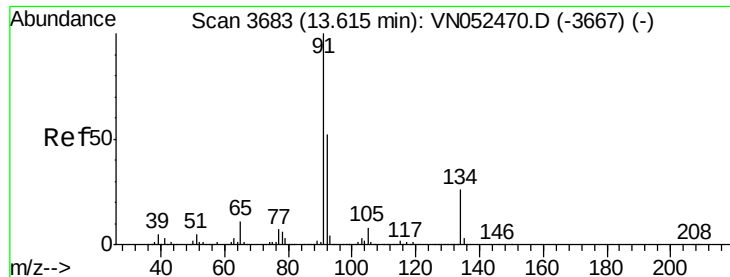
Tgt Ion:	119	Resp:	137206
Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.4	40.2
91	23.5	11.4	34.2



#88
 1,4-Dichlorobenzene
 Concen: 1.31 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

Tgt Ion:	146	Resp:	29376
Ion	Ratio	Lower	Upper
146	100		
111	165.2	18.6	56.0#
148	74.3	31.9	95.9

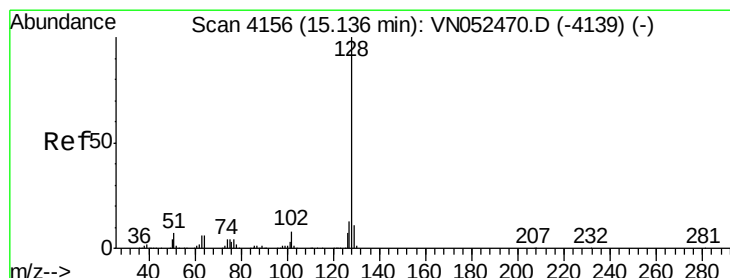
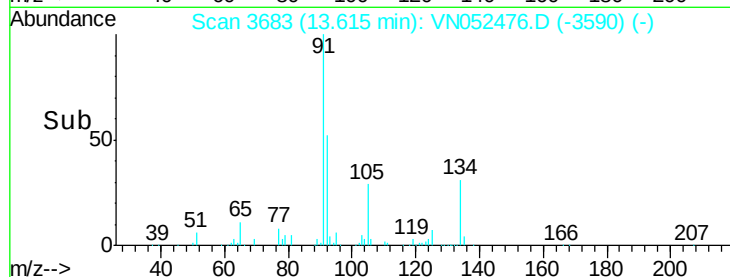
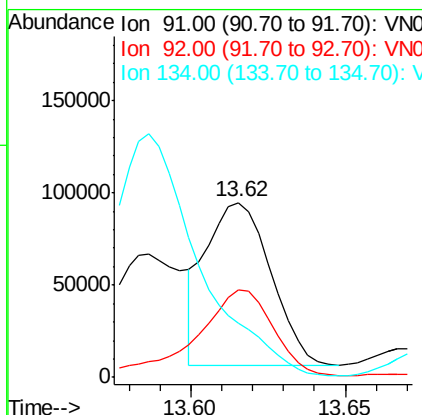
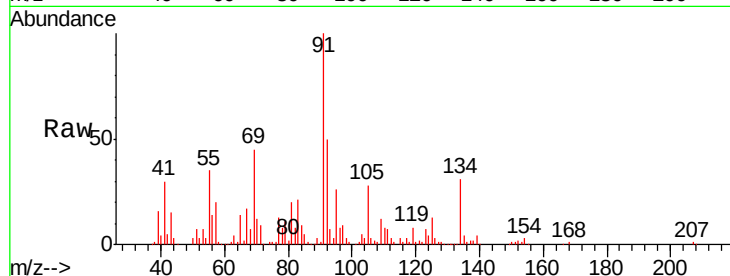




#89
n-Butylbenzene
Concen: 3.55 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

Instrument :
MSVOA_N
ClientSampleId :
20180927-WCC-3-COMPOSITE

Tgt Ion: 91 Resp: 128513
Ion Ratio Lower Upper
91 100
92 62.3 26.1 78.3
134 0.0 13.0 38.9#



#95
Naphthalene
Concen: 7.69 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

Tgt Ion: 128 Resp: 115884
Ion Ratio Lower Upper
128 100
127 15.2 10.2 15.2
129 0.0 8.7 13.1#

