

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054412.D
 Acq On : 19 Mar 2019 00:28
 Operator : JC/SP
 Sample : K1902-08 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30303

Quant Time: Mar 19 07:17:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

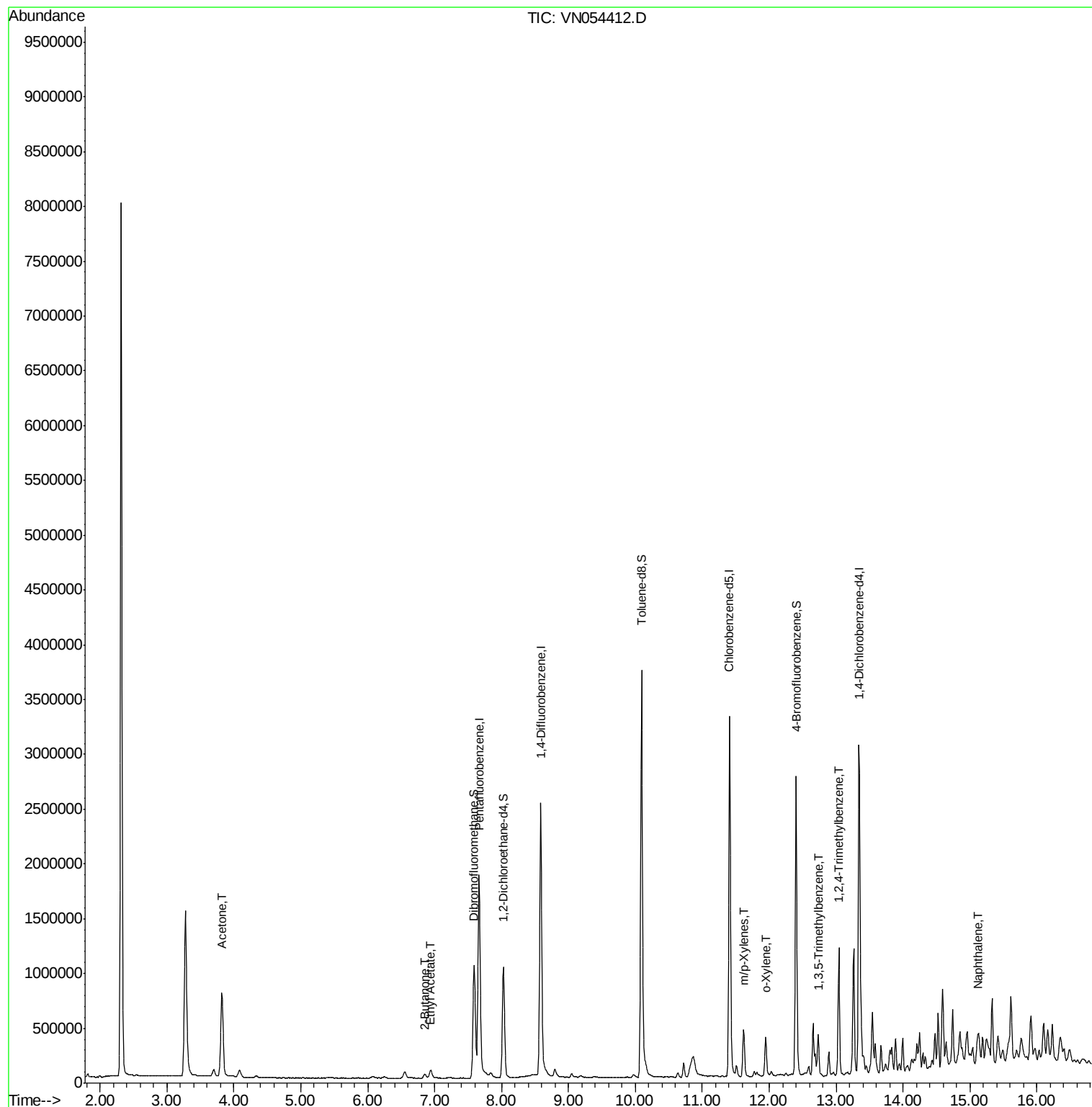
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1800760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2593360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2205218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	909209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	867450	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
35) Dibromofluoromethane	7.59	113	789917	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
50) Toluene-d8	10.09	98	2999056	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.40	95	935842	43.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.60%	
Target Compounds						
16) Acetone	3.82	43	1234526	225.456	ug/l	99
25) 2-Butanone	6.85	43	56569	8.802	ug/l	99
37) Ethyl Acetate	6.94	43	127122	9.264	ug/l	97
68) m/p-Xylenes	11.62	106	148811	4.744	ug/l	98
69) o-Xylene	11.95	106	100392	3.283	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	164371	2.717	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	703893	11.858	ug/l	100
95) Naphthalene	15.13	128	187282	7.840	ug/l	96

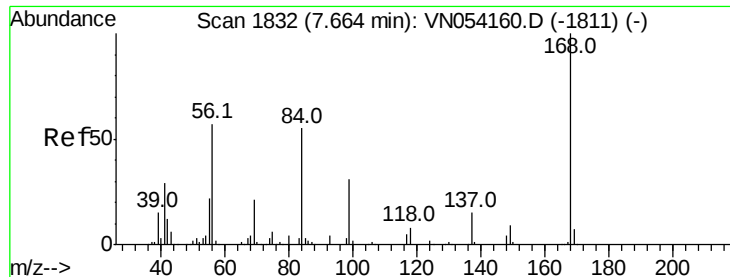
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 13 03:33:31 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: VN054412.D

Acq: 19 Mar 2019 00:28

Instrument :

MSVOA_N

ClientSampleId :

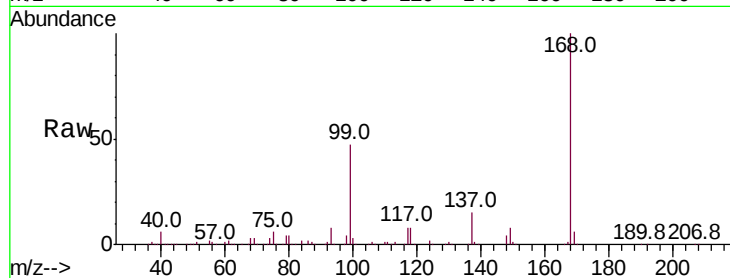
30303

Tot Ion:168 Resp: 1800760

Ion Ratio Lower Upper

168 100

99 47.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

800000

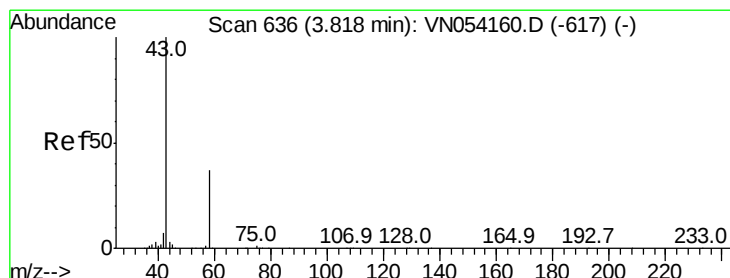
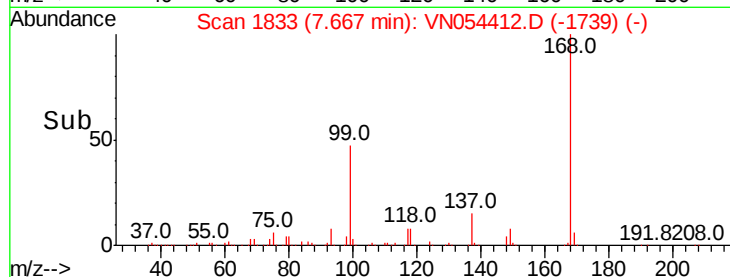
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 225.456 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054412.D

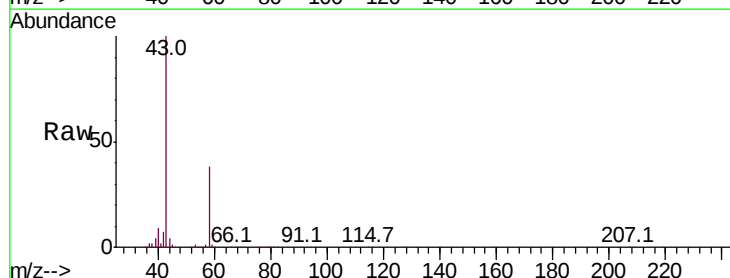
Acq: 19 Mar 2019 00:28

Tgt Ion: 43 Resp: 1234526

Ion Ratio Lower Upper

43 100

58 37.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

500000

400000

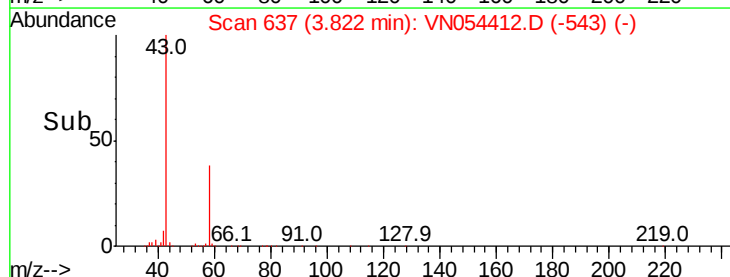
300000

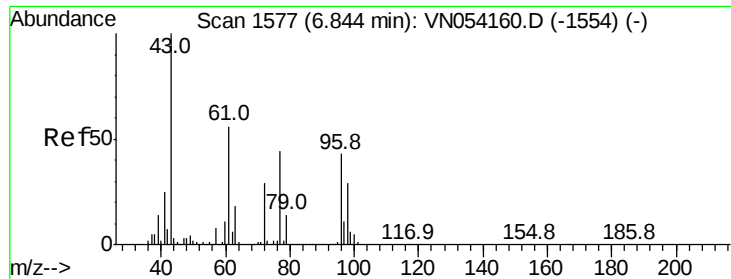
200000

100000

0

Time--> 3.70 3.80 3.90 4.00

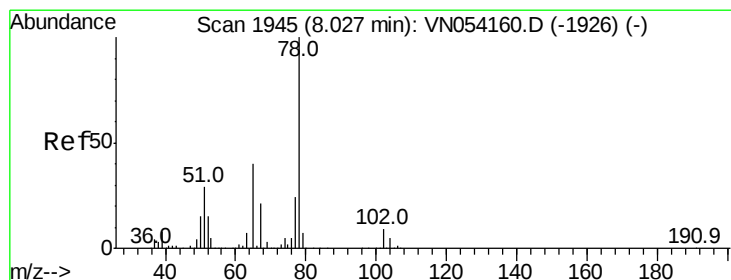
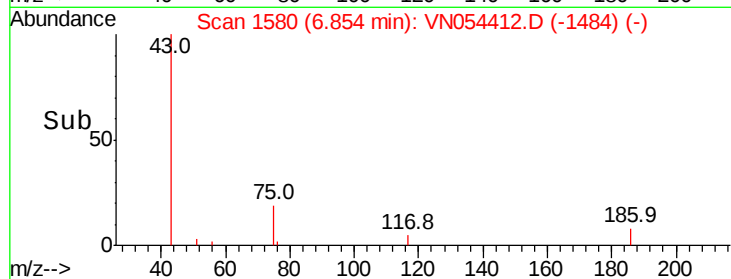
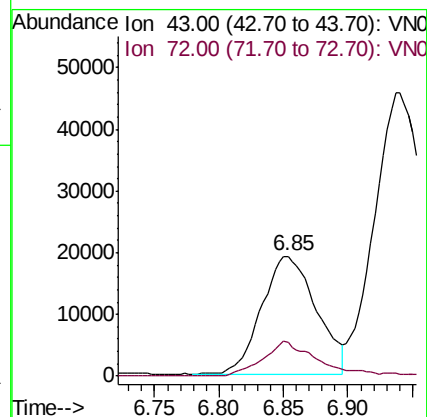
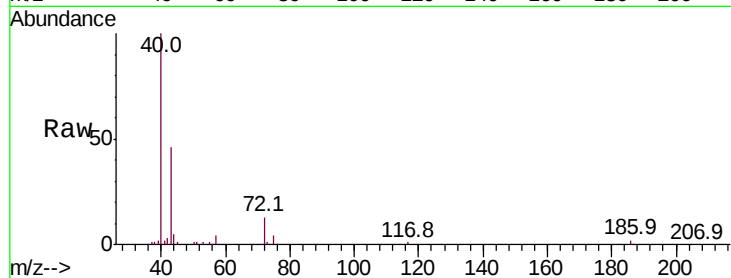




#25
2-Butanone
Concen: 8.802 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN054412.D
Acq: 19 Mar 2019 00:28

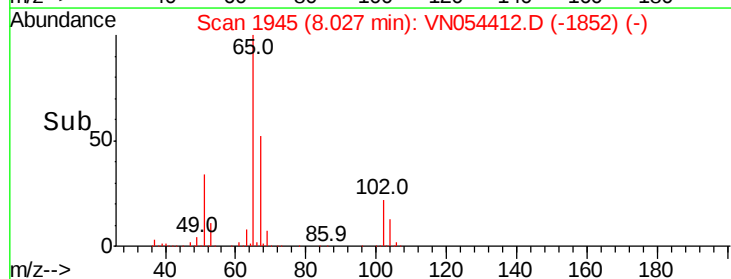
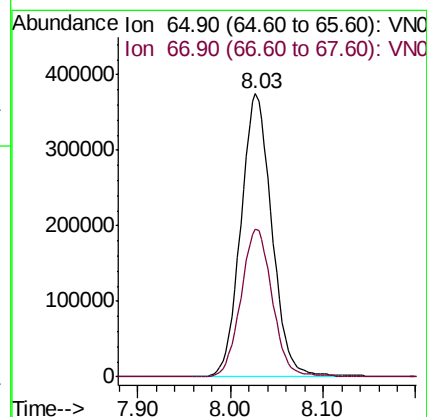
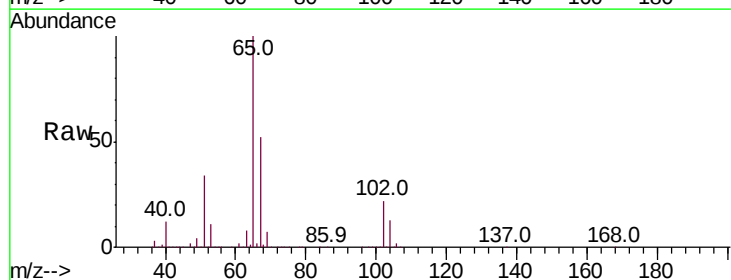
Instrument :
MSVOA_N
ClientSampled :
30303

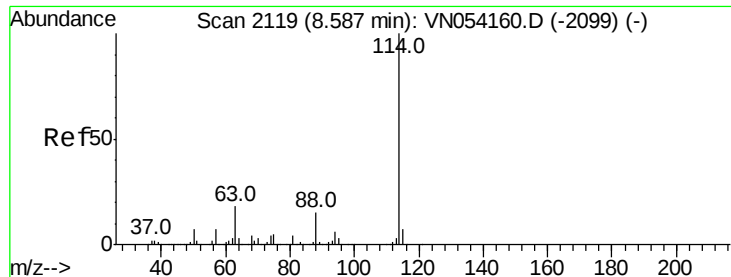
Tot Ion: 43 Resp: 56569
Ion Ratio Lower Upper
43 100
72 28.4 23.0 34.6



#33
1,2-Dichloroethane-d4
Concen: 45.359 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054412.D
Acq: 19 Mar 2019 00:28

Tgt Ion: 65 Resp: 867450
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.6

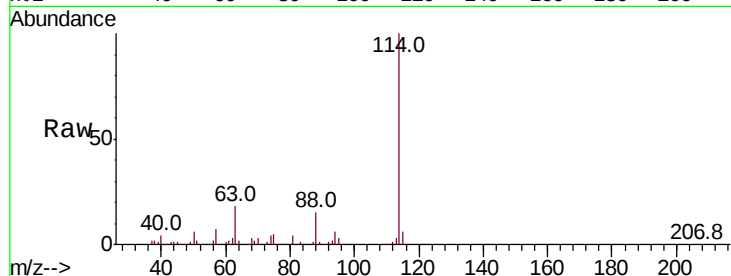




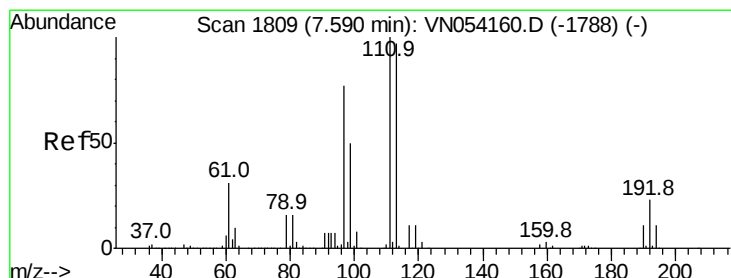
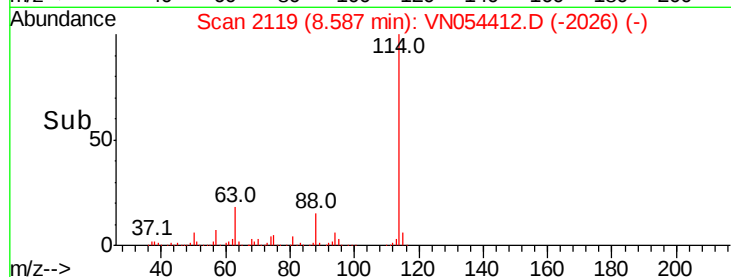
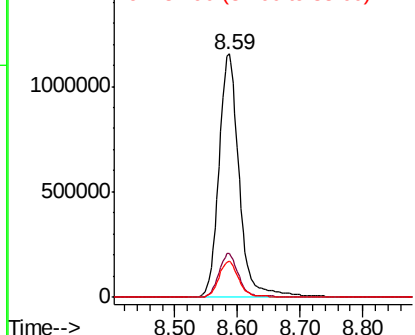
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054412.D
Acq: 19 Mar 2019 00:28

Instrument :
MSVOA_N
ClientSampleId :
30303

Tot Ion:114 Resp: 2593360
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.2
88 14.8 0.0 30.2

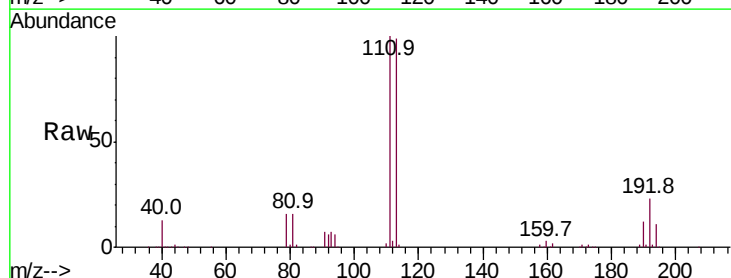


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

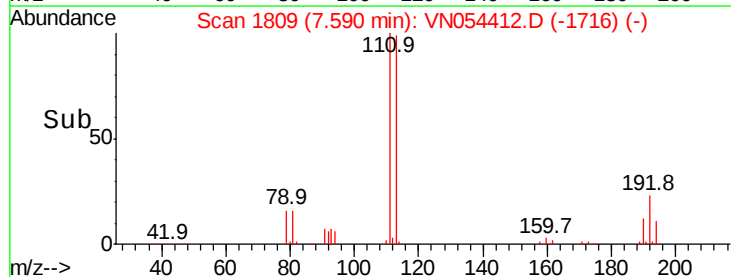
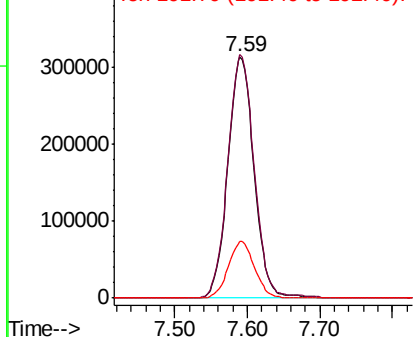


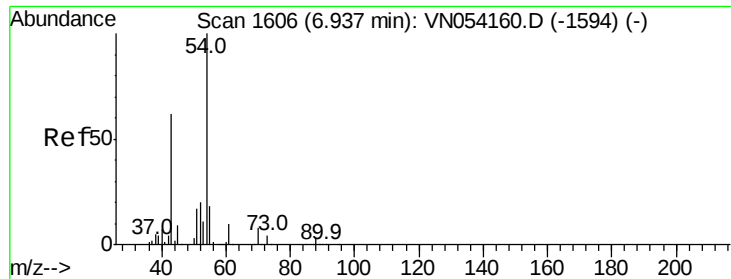
#35
Dibromofluoromethane
Concen: 47.227 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054412.D
Acq: 19 Mar 2019 00:28

Tgt Ion:113 Resp: 789917
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 23.4 19.2 28.8



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

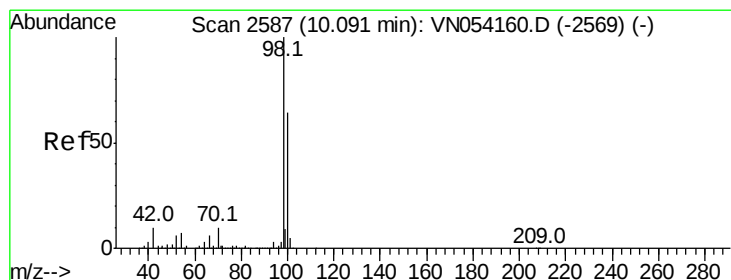
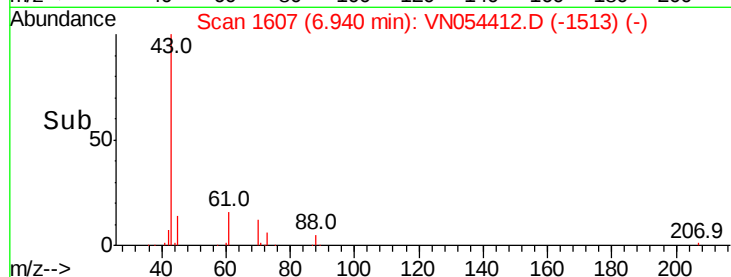
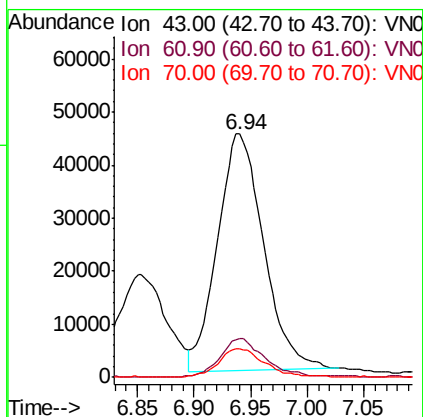
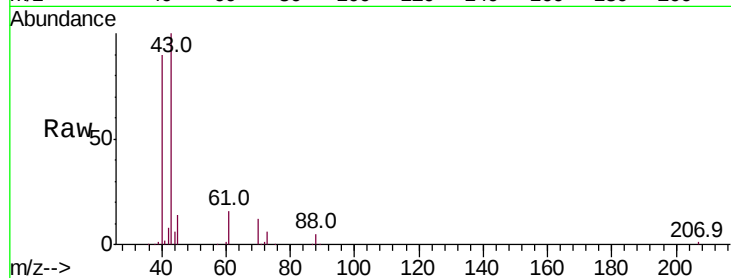




#37
Ethyl Acetate
Concen: 9.264 ug/l
RT: 6.94 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VN054412.D
Acq: 19 Mar 2019 00:28

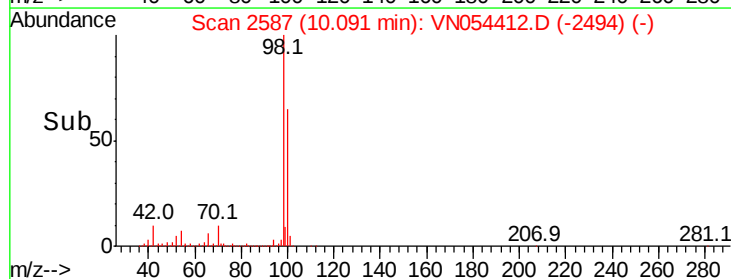
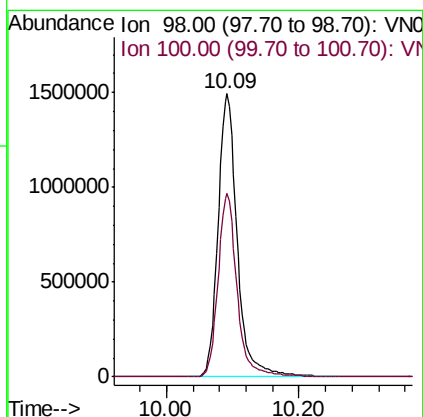
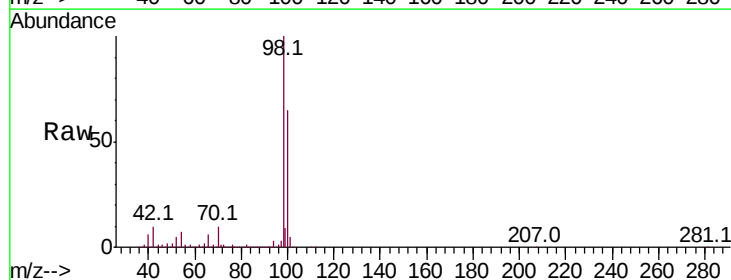
Instrument :
MSVOA_N
ClientSampled :
30303

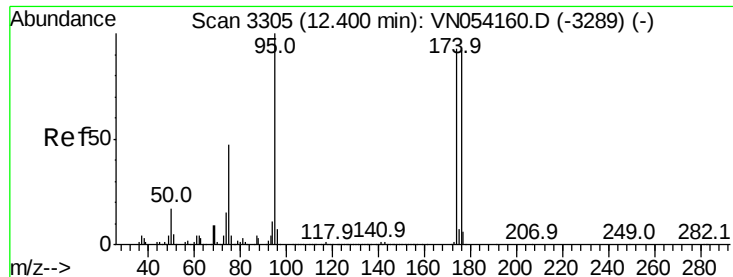
Tot Ion: 43 Resp: 127122
Ion Ratio Lower Upper
43 100
61 15.9 11.8 17.6
70 12.0 8.4 12.6



#50
Toluene-d8
Concen: 48.550 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054412.D
Acq: 19 Mar 2019 00:28

Tgt Ion: 98 Resp: 2999056
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 43.298 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054412.D

Acq: 19 Mar 2019 00:28

Instrument :

MSVOA_N

ClientSampleId :

30303

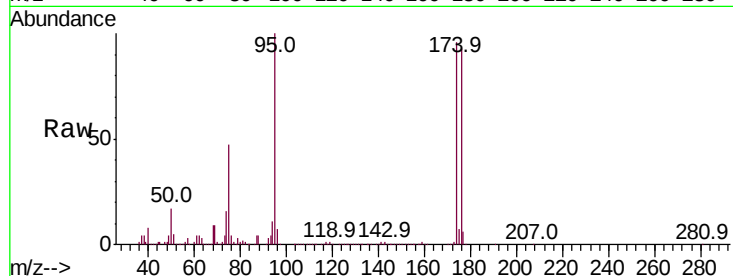
Tot Ion: 95 Resp: 935842

Ion Ratio Lower Upper

95 100

174 96.0 0.0 191.0

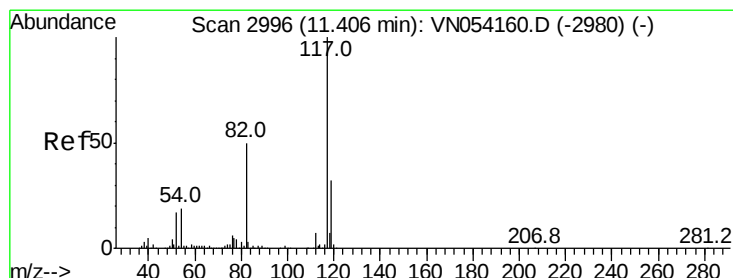
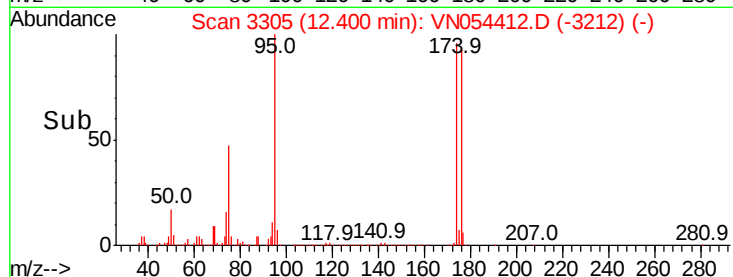
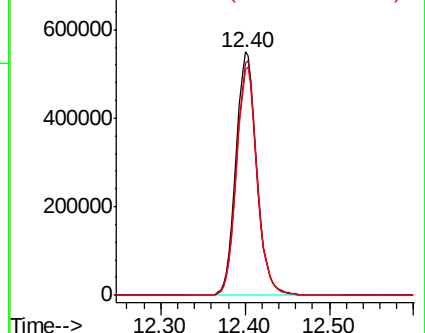
176 93.6 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054412.D

Acq: 19 Mar 2019 00:28

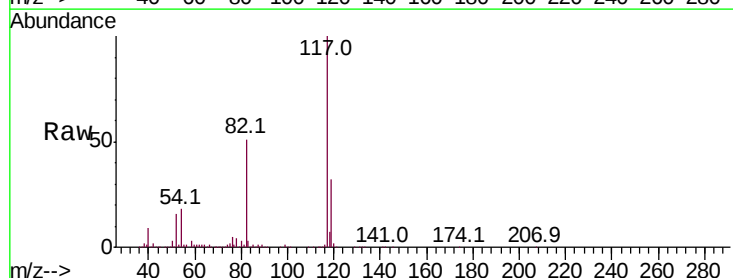
Tgt Ion: 117 Resp: 2205218

Ion Ratio Lower Upper

117 100

82 50.8 40.0 60.0

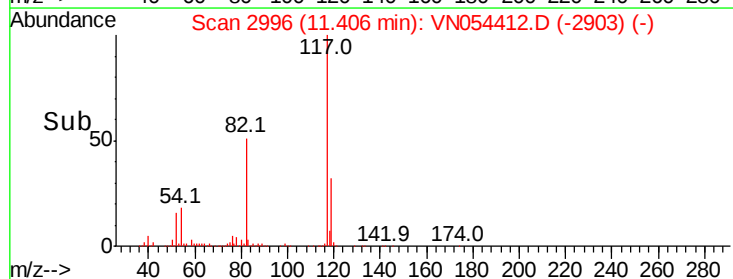
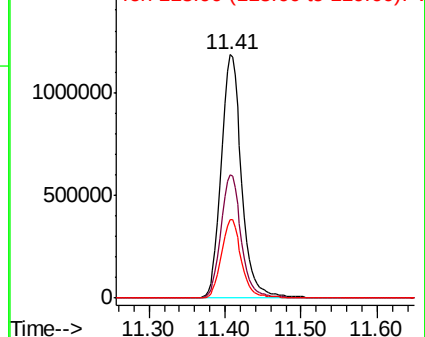
119 32.1 25.8 38.6

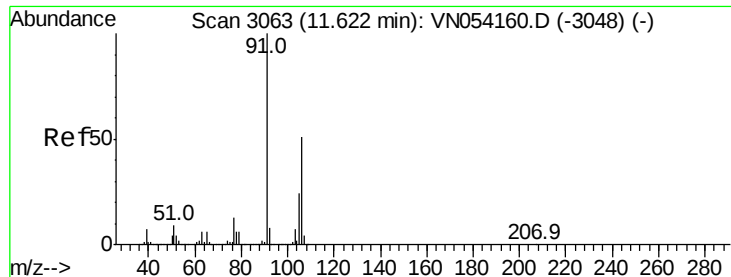


Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054160.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054160.D (-2980) (-)





#68

m/p-Xylenes

Concen: 4.744 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN054412.D

Acq: 19 Mar 2019 00:28

Instrument :

MSVOA_N

ClientSampled :

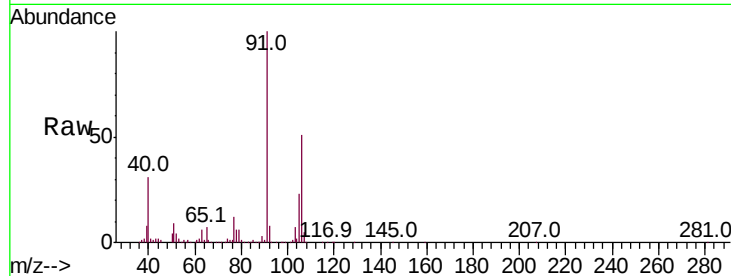
30303

Tot Ion:106 Resp: 148811

Ion Ratio Lower Upper

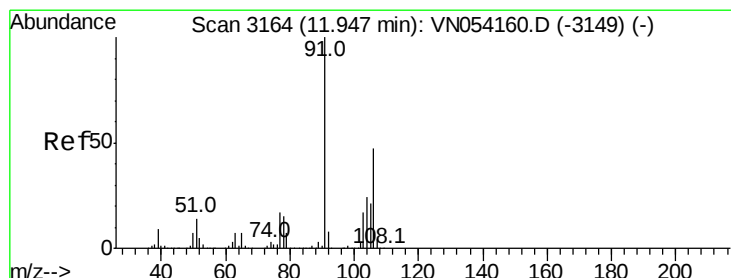
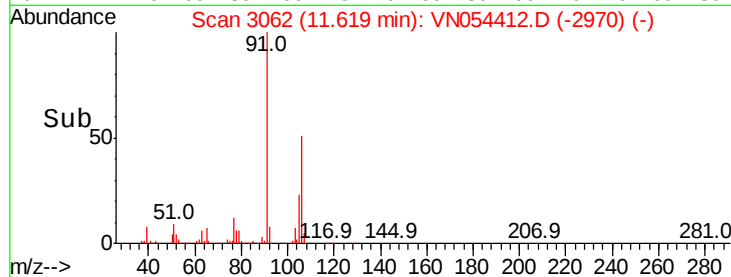
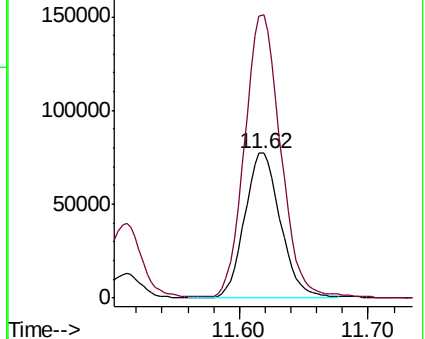
106 100

91 197.0 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 3.283 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN054412.D

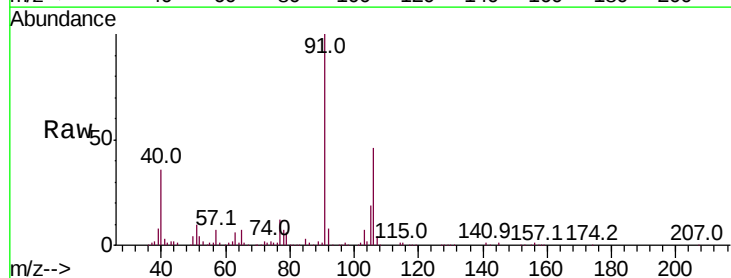
Acq: 19 Mar 2019 00:28

Tgt Ion:106 Resp: 100392

Ion Ratio Lower Upper

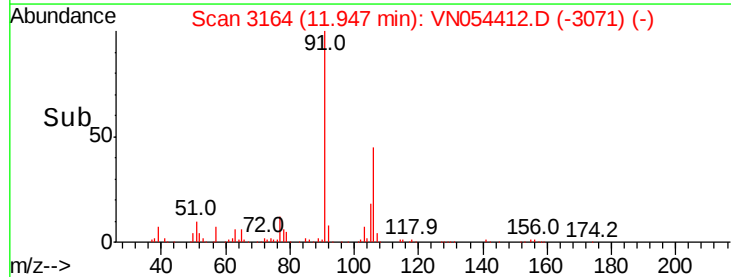
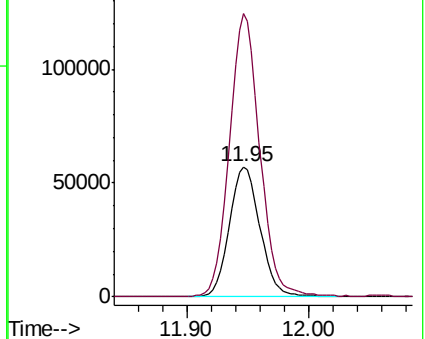
106 100

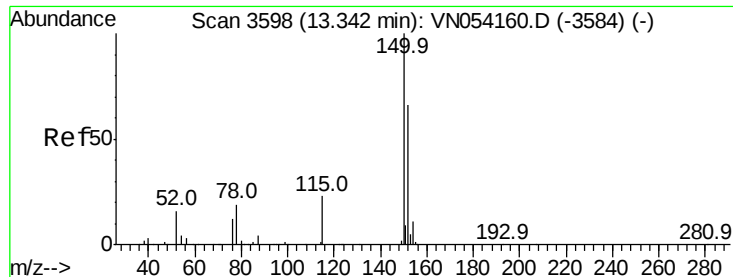
91 213.5 105.7 317.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054412.D

Acq: 19 Mar 2019 00:28

Instrument :

MSVOA_N

ClientSampleId :

30303

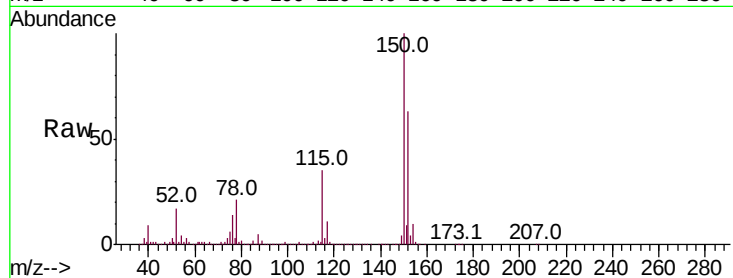
Tot Ion:152 Resp: 909209

Ion Ratio Lower Upper

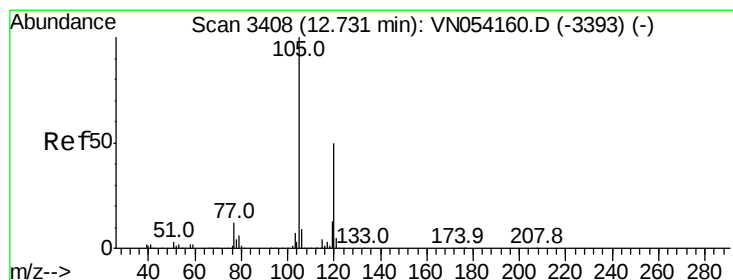
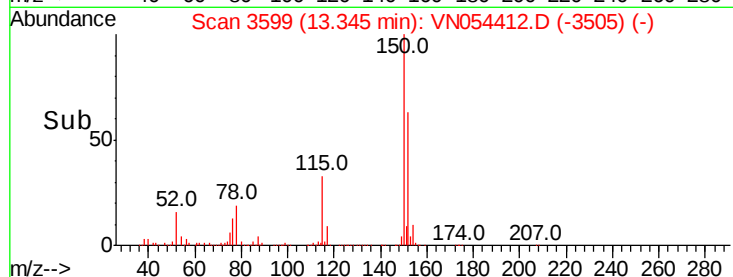
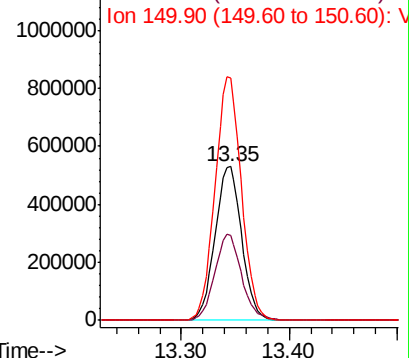
152 100

115 56.5 27.2 81.6

150 157.3 0.0 349.2



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



#80

1,3,5-Trimethylbenzene

Concen: 2.717 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054412.D

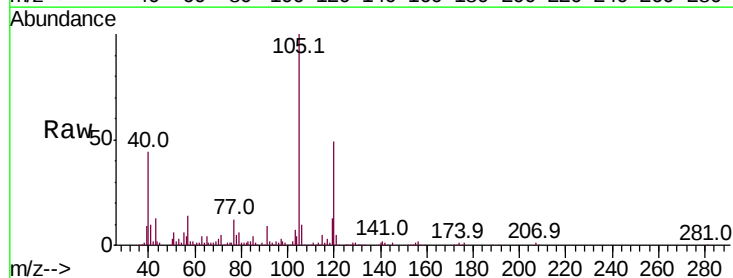
Acq: 19 Mar 2019 00:28

Tgt Ion:105 Resp: 164371

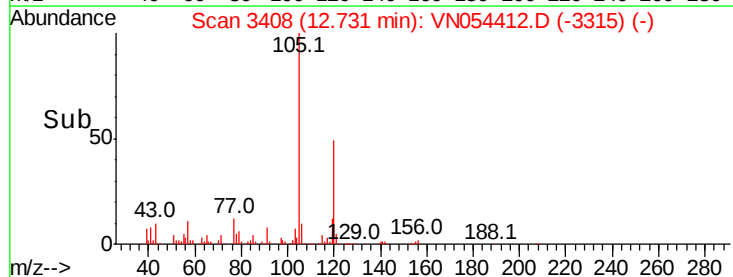
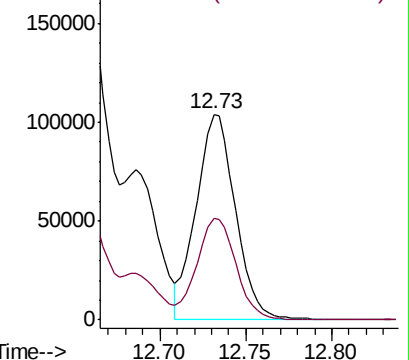
Ion Ratio Lower Upper

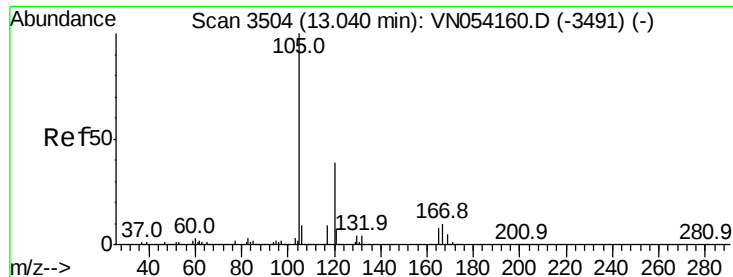
105 100

120 49.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 11.858 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054412.D

Acq: 19 Mar 2019 00:28

Instrument :

MSVOA_N

ClientSampleId :

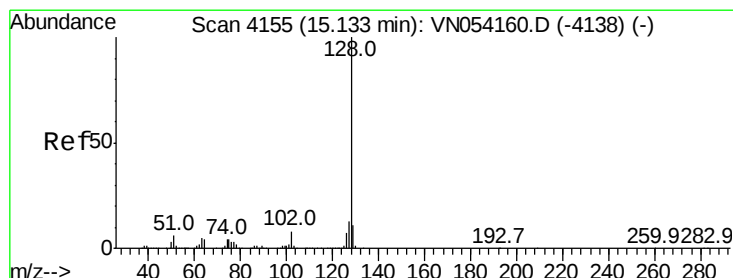
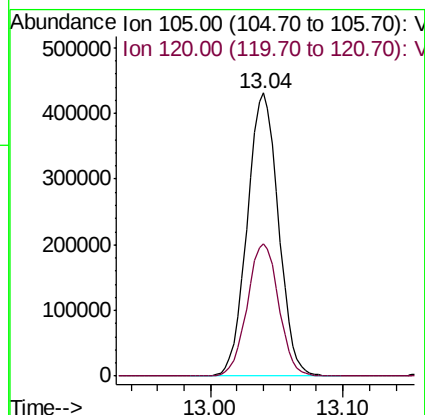
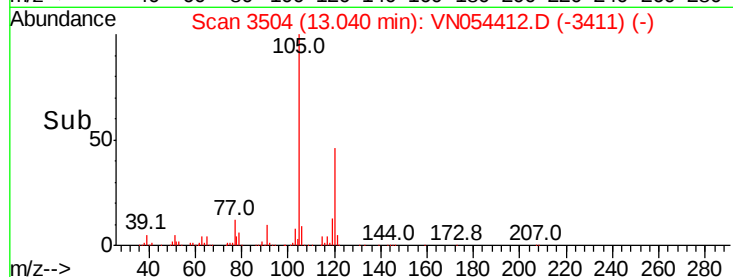
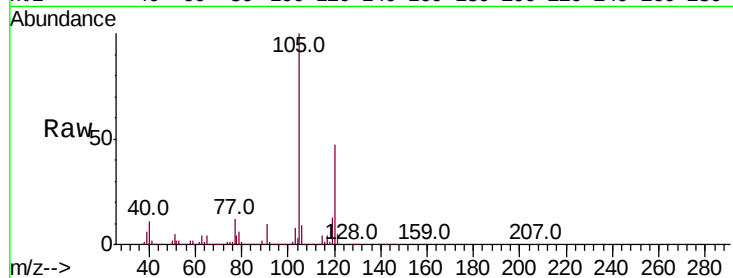
30303

Tot Ion:105 Resp: 703893

Ion Ratio Lower Upper

105 100

120 47.2 23.4 70.3



#95

Naphthalene

Concen: 7.840 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054412.D

Acq: 19 Mar 2019 00:28

Tgt Ion:128 Resp: 187282

Ion Ratio Lower Upper

128 100

127 14.8 10.1 15.1

129 11.4 8.7 13.1

