

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
 Data File : VN054184.D
 Acq On : 13 Mar 2019 1:16
 Operator : JC/SP
 Sample : K1849-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C135-CON

Quant Time: Mar 13 08:30:08 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	1480139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2416282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2544497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1135258	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	797739	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	7.59	113	755155	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	10.09	98	3018573	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.40	95	1163175	57.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.52%	

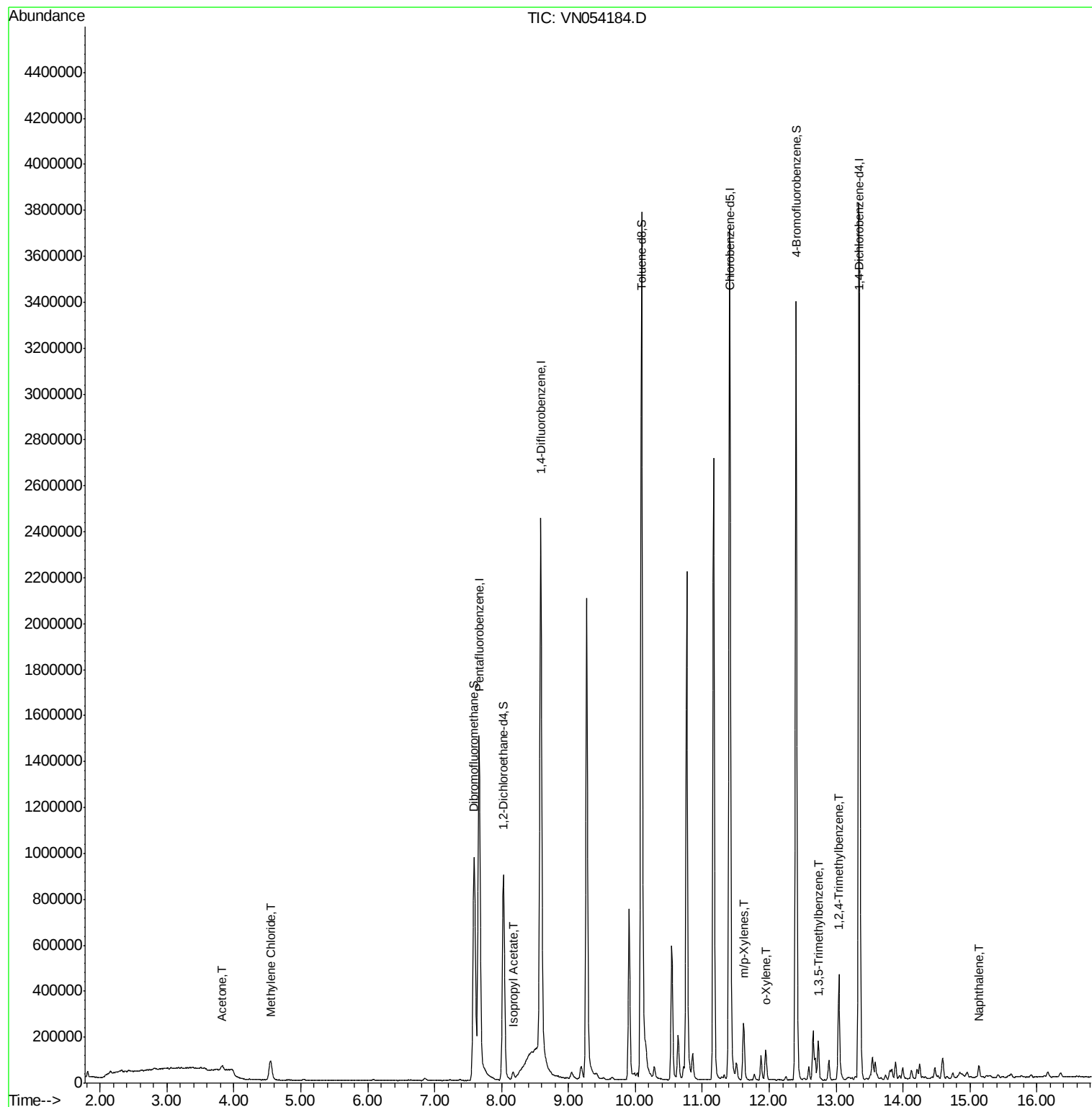
Target Compounds						Qvalue
16) Acetone	3.82	43	28411	6.313	ug/l	93
20) Methylene Chloride	4.55	84	65370	4.423	ug/l	98
43) Isopropyl Acetate	8.18	43	44078	1.964	ug/l	98
68) m/p-Xylenes	11.62	106	82978	2.292	ug/l	98
69) o-Xylene	11.95	106	36363	1.030	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	93912	1.243	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	284206	3.835	ug/l	96
95) Naphthalene	15.13	128	47491	4.357	ug/l	99

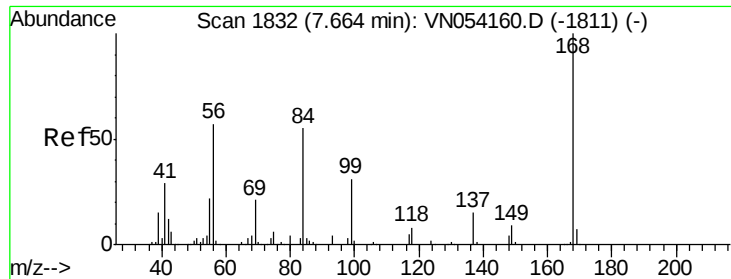
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054184.D

Acq: 13 Mar 2019 1:16

Instrument :

MSVOA_N

ClientSampleId :

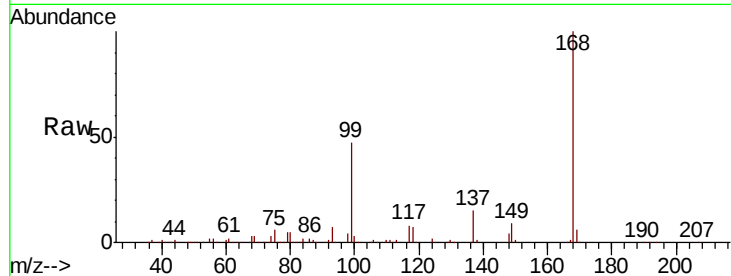
C135-CON

Tgt Ion:168 Resp: 1480139

Ion Ratio Lower Upper

168 100

99 47.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054184.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054184.D (-1739) (-)

7.67

600000

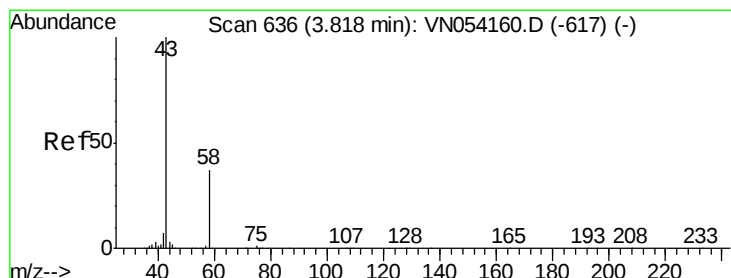
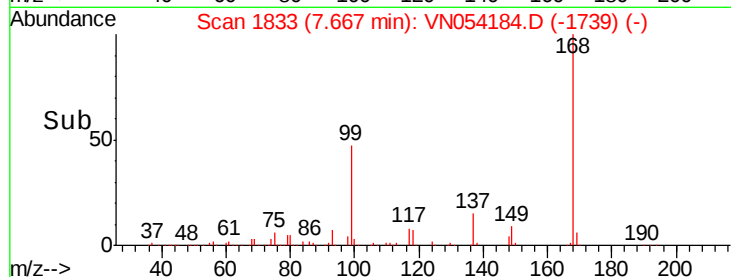
400000

200000

0

7.50 7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.313 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054184.D

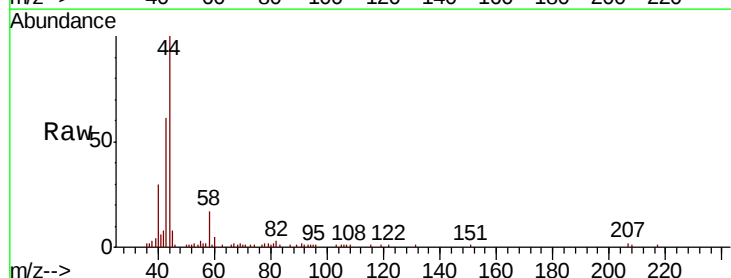
Acq: 13 Mar 2019 1:16

Tgt Ion: 43 Resp: 28411

Ion Ratio Lower Upper

43 100

58 32.9 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054184.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN054184.D (-543) (-)

3.82

15000

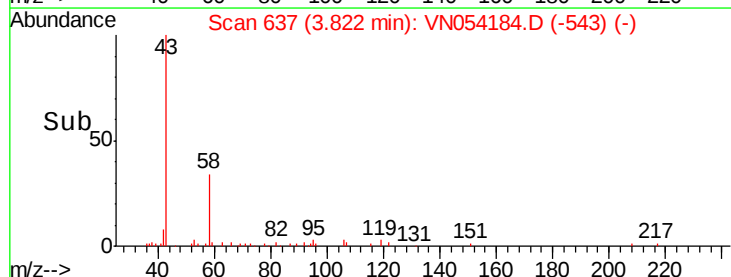
10000

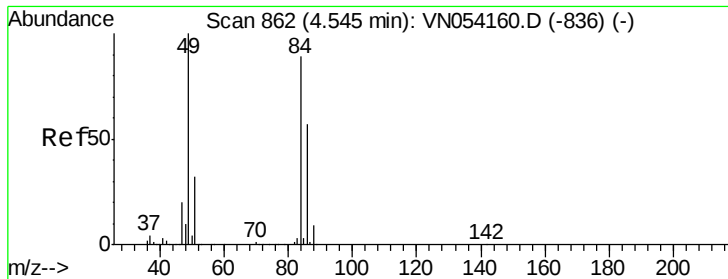
5000

0

3.75 3.80 3.85 3.90

Time-->

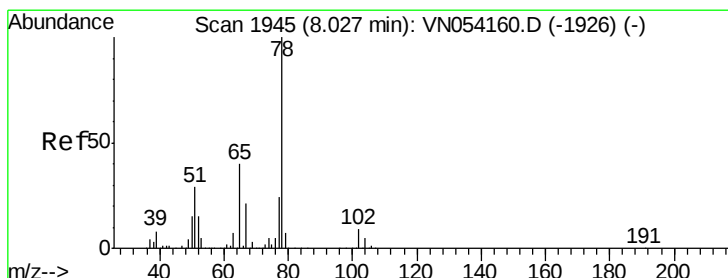
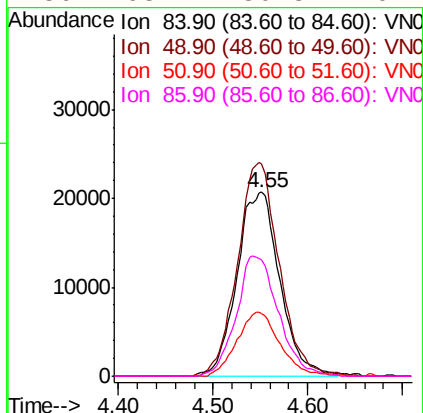
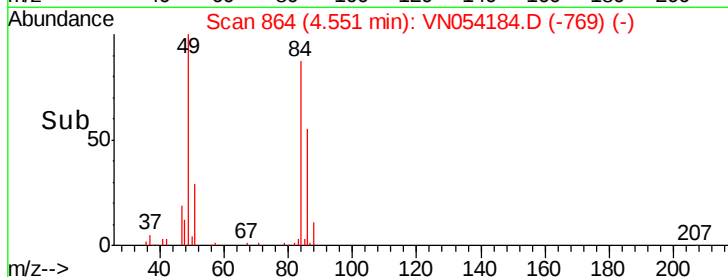
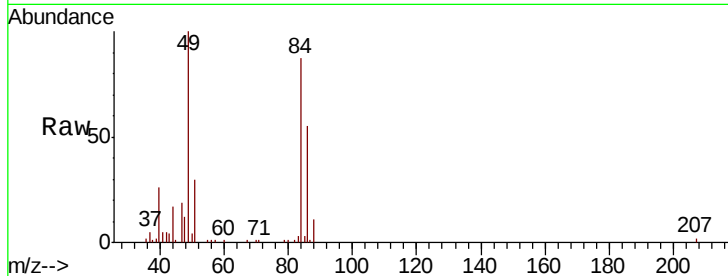




#20
Methylene Chloride
Concen: 4.423 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

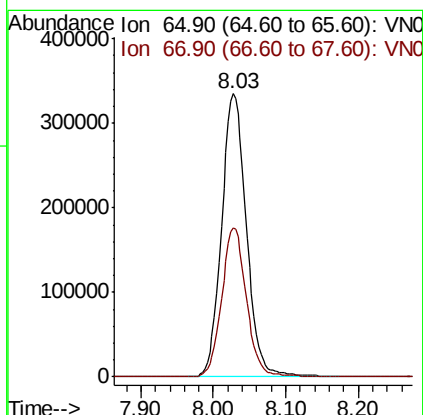
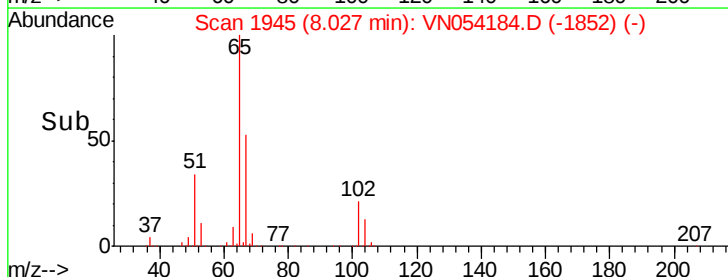
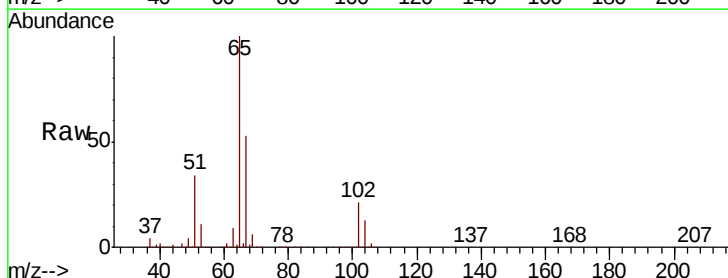
Instrument :
MSVOA_N
ClientSampled :
C135-CON

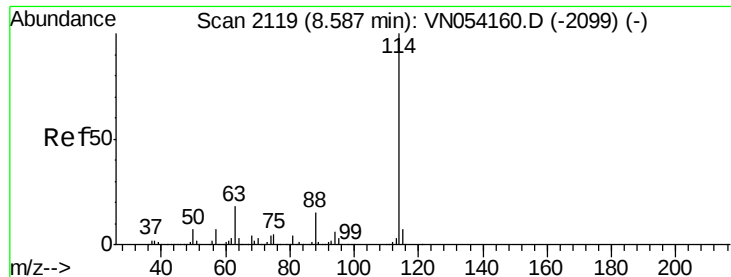
Tgt Ion: 84 Resp: 65370
Ion Ratio Lower Upper
84 100
49 115.1 89.7 134.5
51 34.1 28.2 42.4
86 63.1 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 50.750 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

Tgt Ion: 65 Resp: 797739
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.6

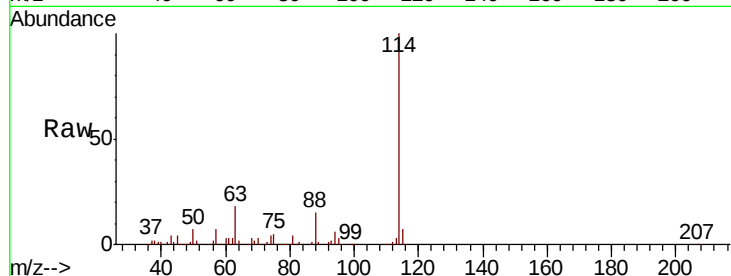




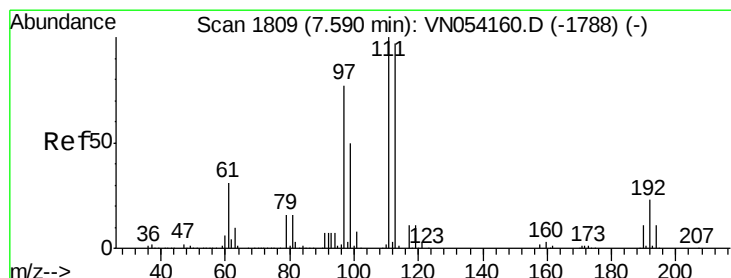
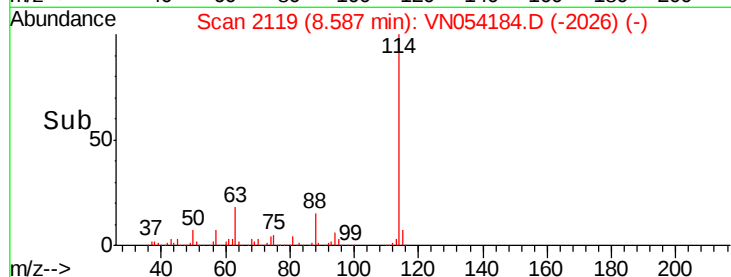
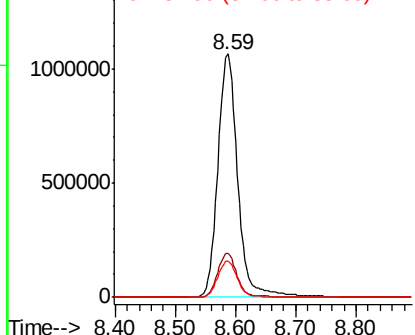
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054184.D
 Acq: 13 Mar 2019 1:16

Instrument :
 MSVOA_N
 ClientSampled :
 C135-CON

Tgt Ion:114 Resp: 2416282
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.2
 88 14.9 0.0 30.2

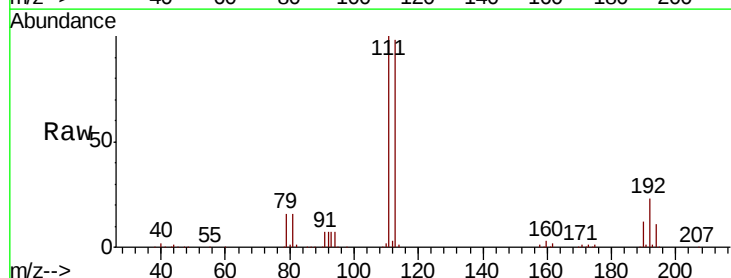


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

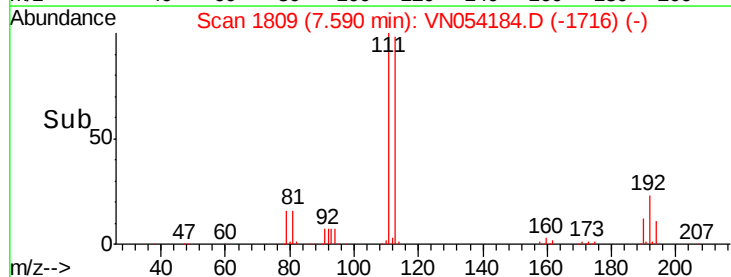
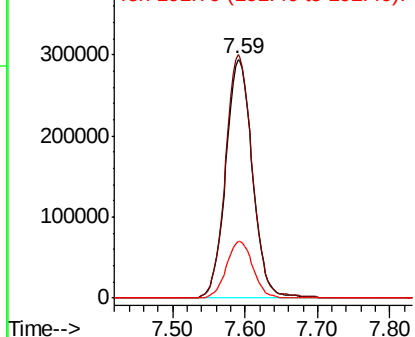


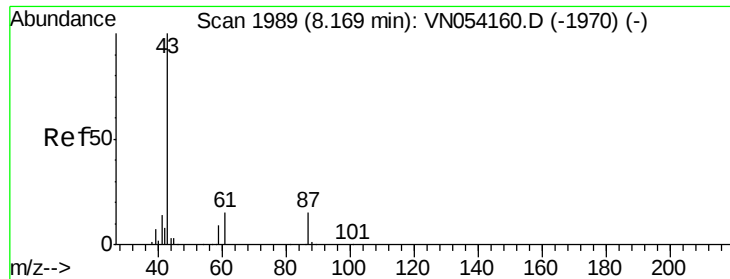
#35
 Dibromofluoromethane
 Concen: 48.457 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054184.D
 Acq: 13 Mar 2019 1:16

Tgt Ion:113 Resp: 755155
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 23.6 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

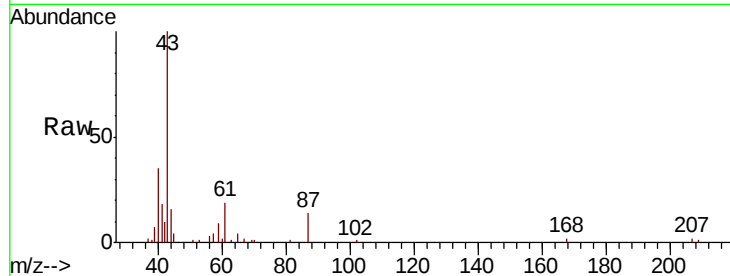




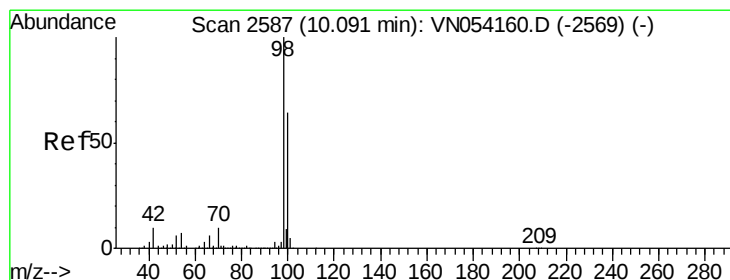
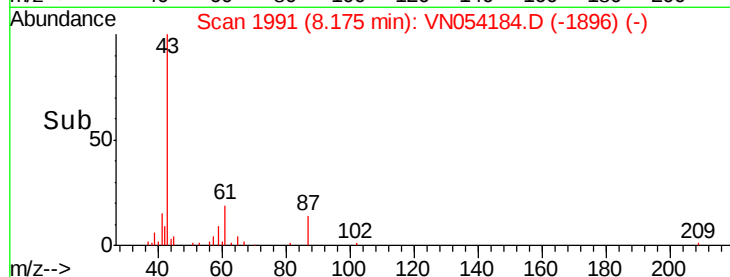
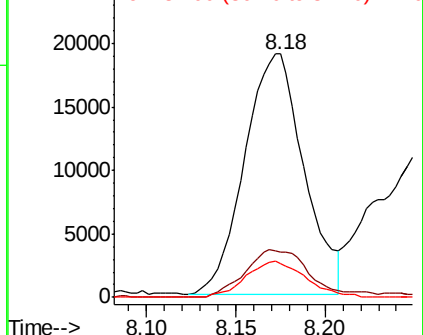
#43
Isopropyl Acetate
Concen: 1.964 ug/l
RT: 8.18 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

Instrument :
MSVOA_N
ClientSampleId :
C135-CON

Tgt Ion: 43 Resp: 44078
Ion Ratio Lower Upper
43 100
61 21.5 15.8 23.8
87 15.1 12.0 18.0

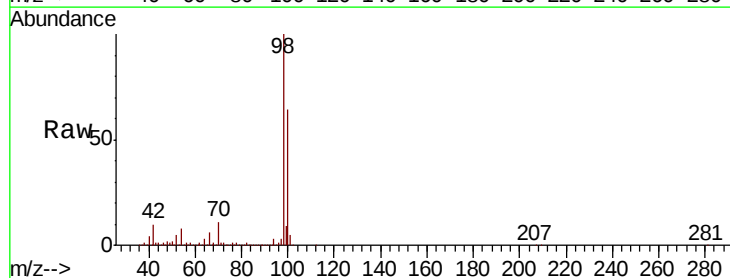


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

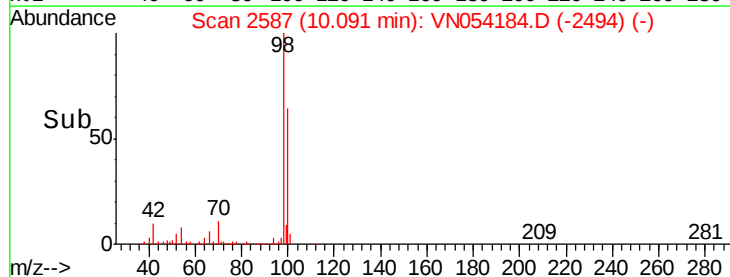
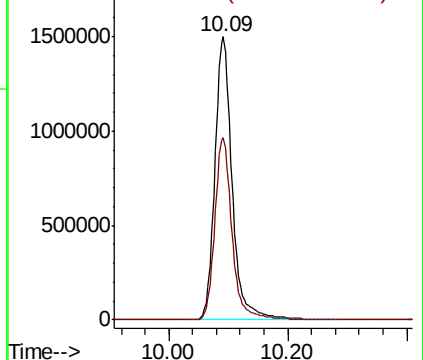


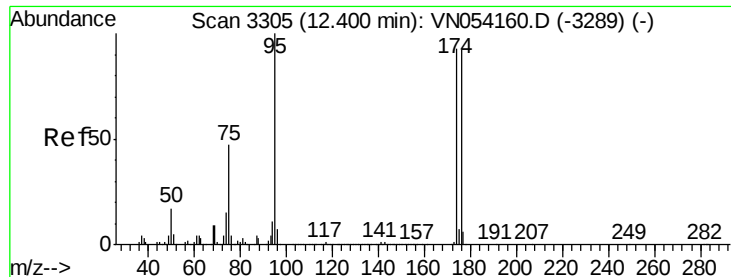
#50
Toluene-d8
Concen: 52.448 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

Tgt Ion: 98 Resp: 3018573
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

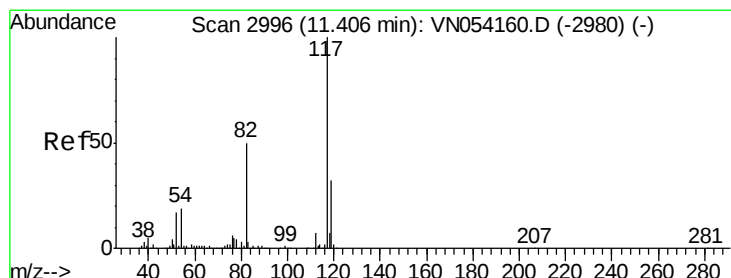
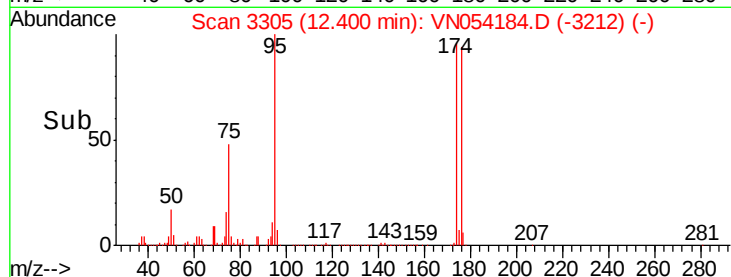
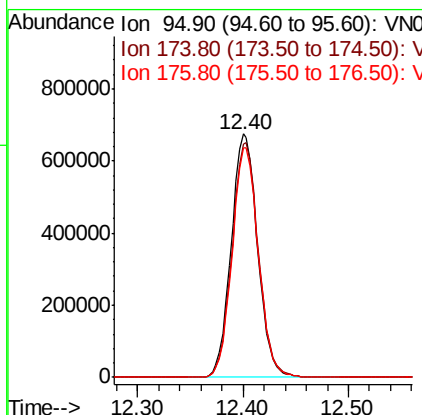
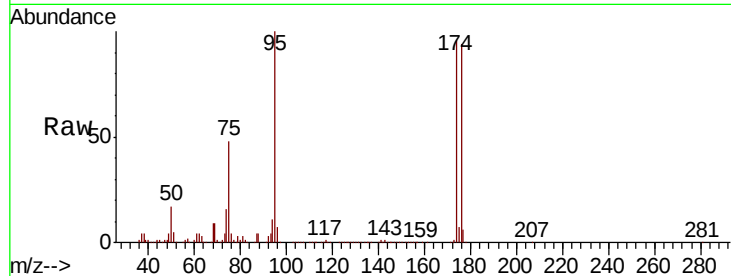




#62
4-Bromofluorobenzene
Concen: 57.760 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

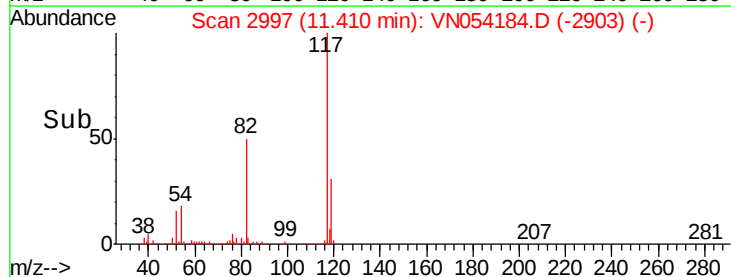
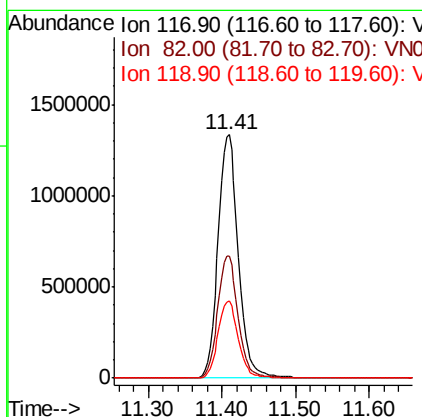
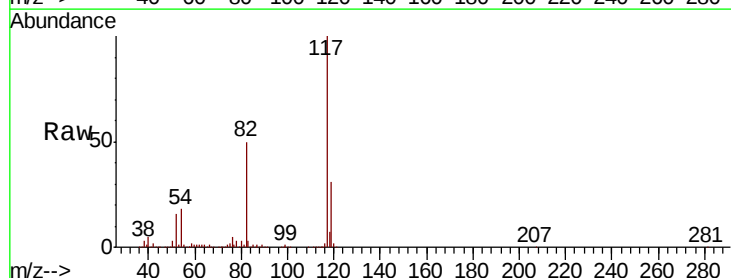
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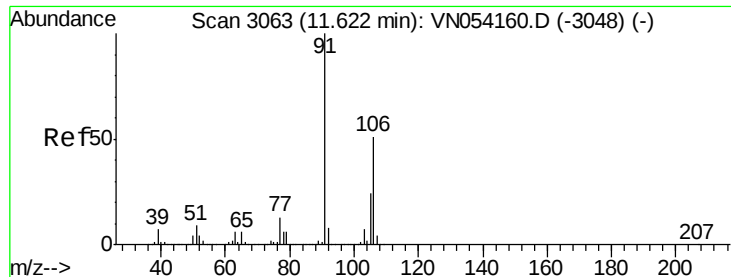
Tgt Ion: 95 Resp: 1163175
Ion Ratio Lower Upper
95 100
174 96.9 0.0 191.0
176 94.0 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

Tgt Ion: 117 Resp: 2544497
Ion Ratio Lower Upper
117 100
82 49.9 40.0 60.0
119 31.5 25.8 38.6

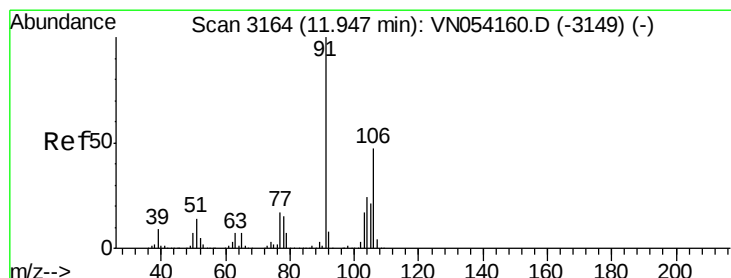
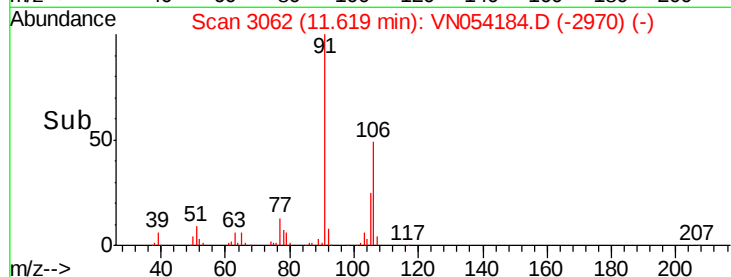
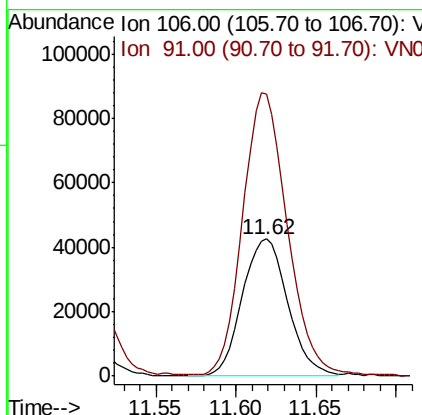
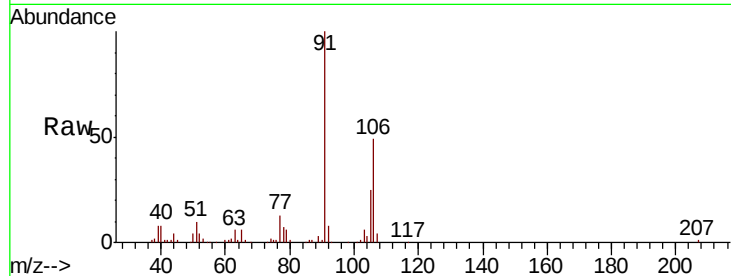




#68
m/p-Xylenes
Concen: 2.292 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

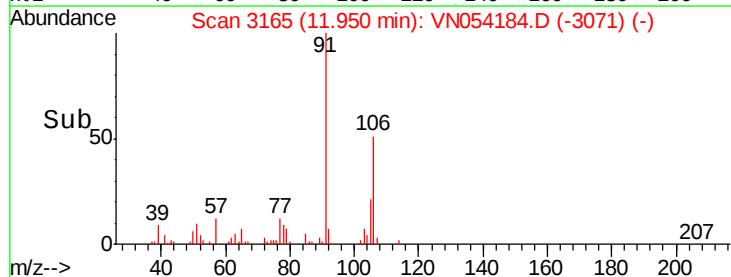
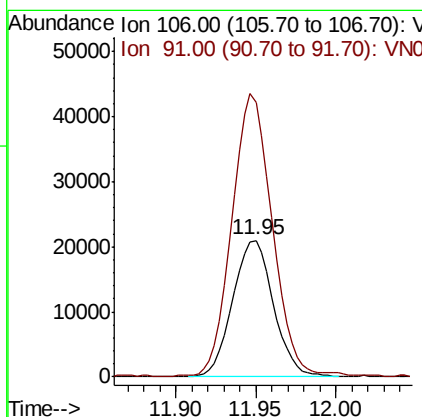
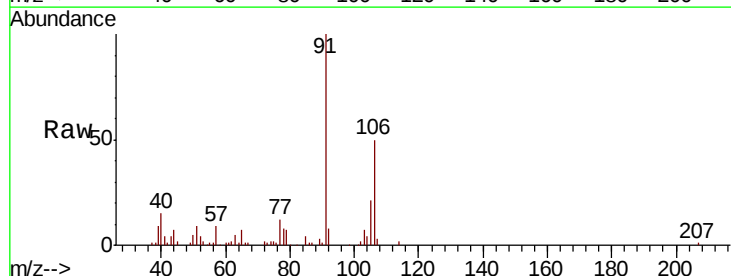
Instrument :
MSVOA_N
ClientSampled :
C135-CON

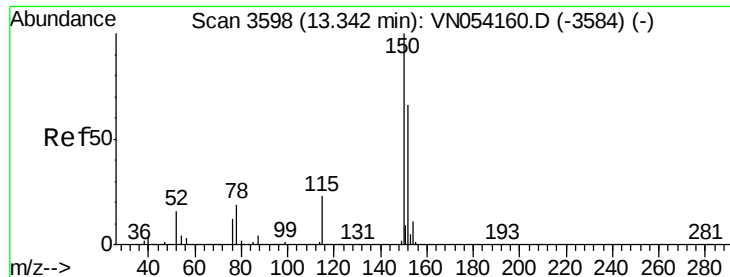
Tgt Ion:106 Resp: 82978
Ion Ratio Lower Upper
106 100
91 202.6 159.4 239.2



#69
o-Xylene
Concen: 1.030 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

Tgt Ion:106 Resp: 36363
Ion Ratio Lower Upper
106 100
91 206.7 105.7 317.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

Instrument :

MSVOA_N

ClientSampleId :

C135-CON

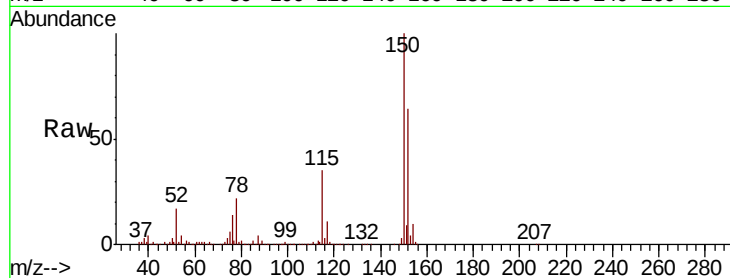
Tgt Ion:152 Resp: 1135258

Ion Ratio Lower Upper

152 100

115 54.5 27.2 81.6

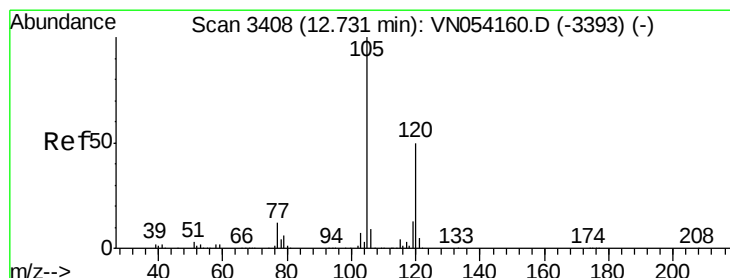
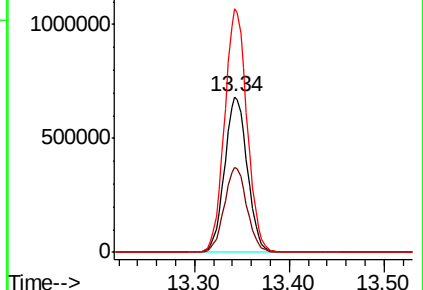
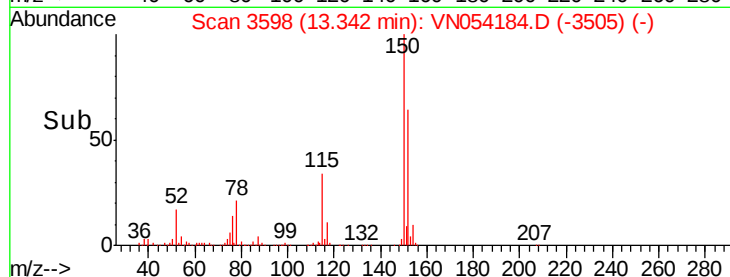
150 155.2 0.0 349.2



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: 1.243 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054184.D

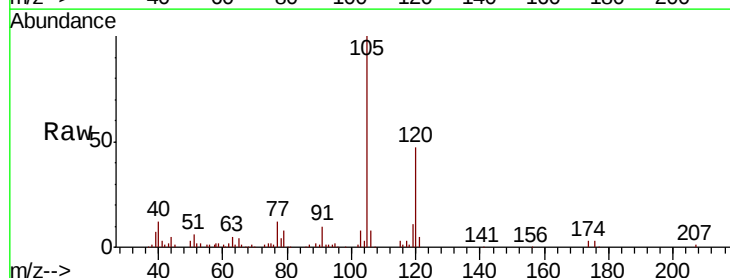
Acq: 13 Mar 2019 1:16

Tgt Ion:105 Resp: 93912

Ion Ratio Lower Upper

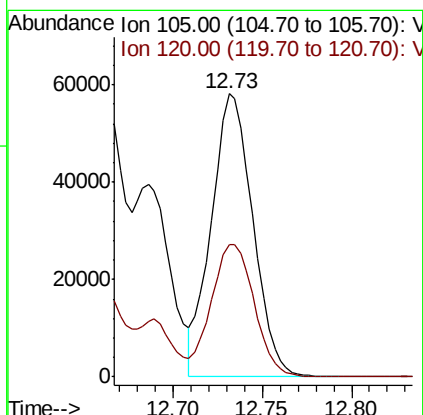
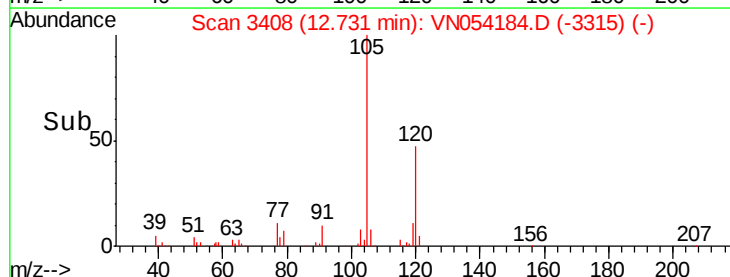
105 100

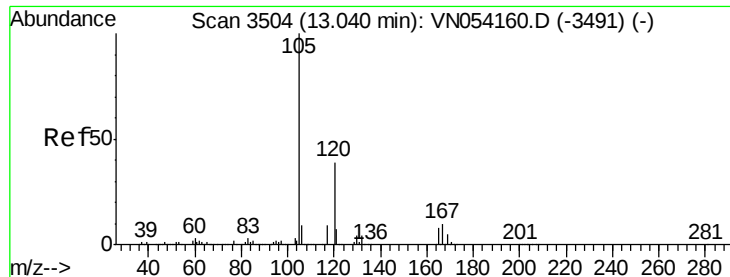
120 48.3 25.0 75.0



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: 3.835 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

Instrument :

MSVOA_N

ClientSampleId :

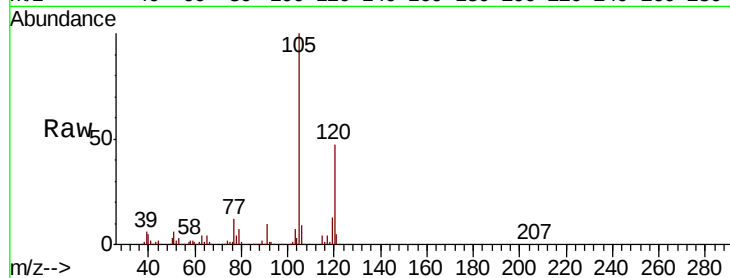
C135-CON

Tgt Ion:105 Resp: 284206

Ion Ratio Lower Upper

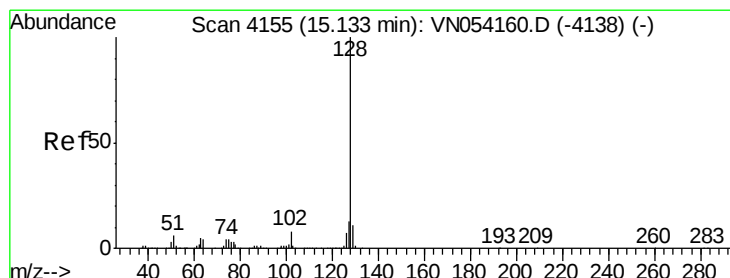
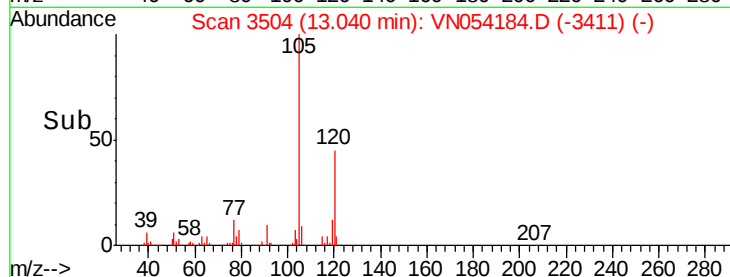
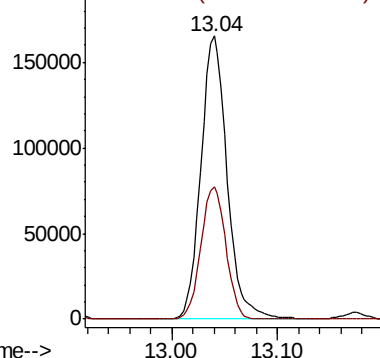
105 100

120 44.5 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 4.357 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

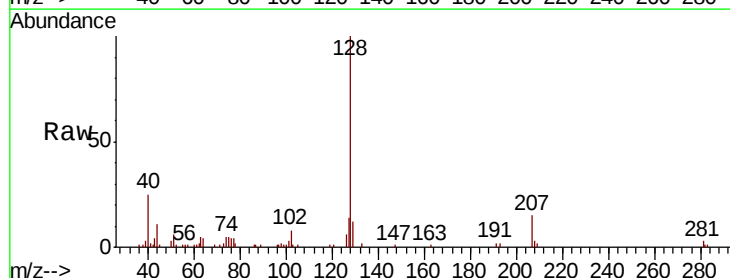
Tgt Ion:128 Resp: 47491

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 11.2 8.7 13.1



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

