

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054294.D
 Acq On : 15 Mar 2019 6:50
 Operator : JC/SP
 Sample : K1902-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 51065

Quant Time: Mar 15 08:33:20 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

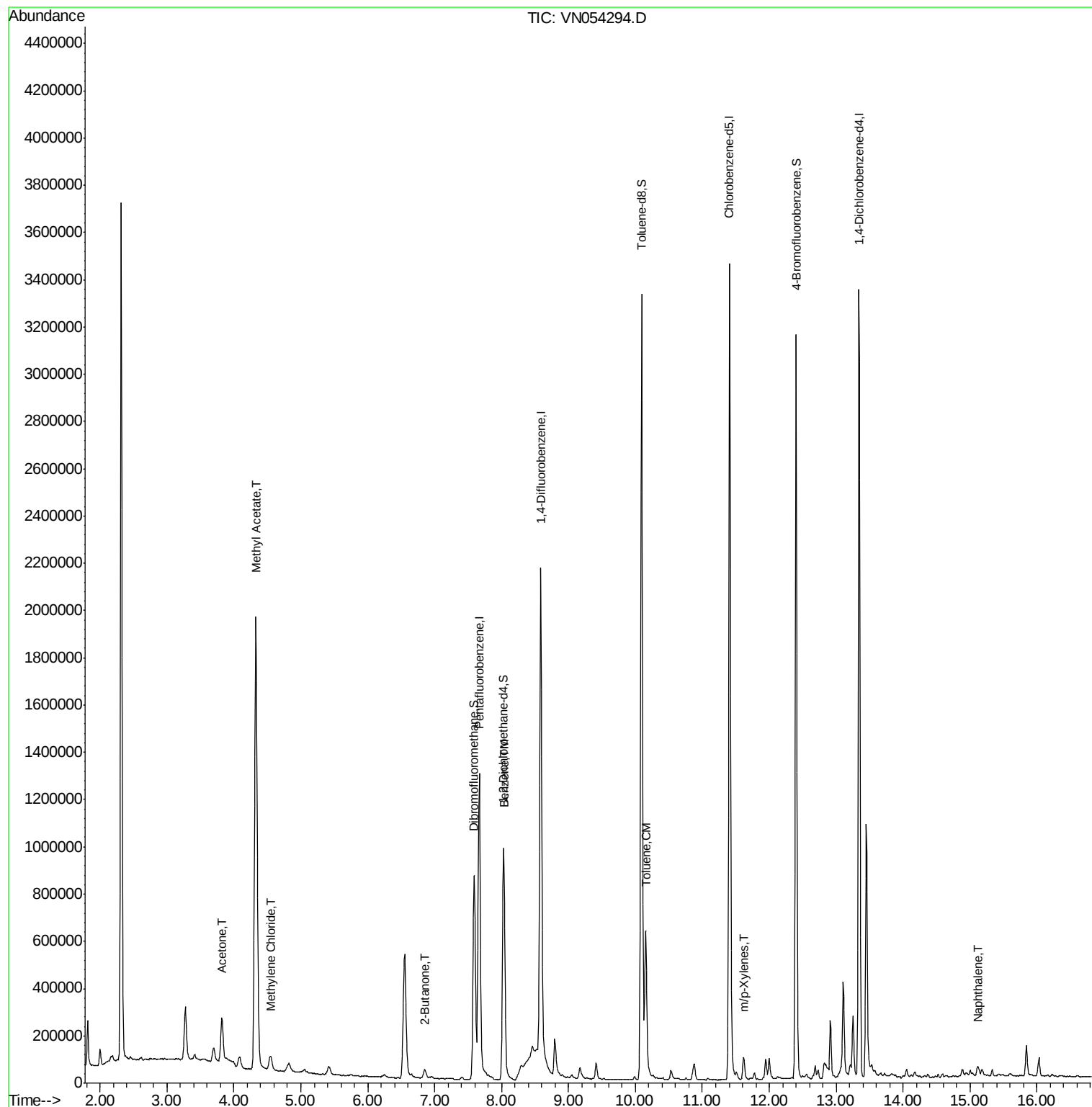
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1249612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2133870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2256879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	981289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	684249	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
35) Dibromofluoromethane	7.59	113	655699	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	10.09	98	2653563	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.40	95	1028384	57.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.64%	
Target Compounds						
16) Acetone	3.82	43	298297	78.504	ug/l	98
18) Methyl Acetate	4.33	43	3513330	457.013	ug/l	99
20) Methylene Chloride	4.54	84	48754	3.908	ug/l	94
25) 2-Butanone	6.85	43	55089	12.352	ug/l	92
40) Benzene	8.04	78	303321	5.394	ug/l	99
52) Toluene	10.16	92	272195	7.634	ug/l	100
68) m/p-Xylenes	11.62	106	34422	1.072	ug/l	96
95) Naphthalene	15.13	128	19647	3.895	ug/l #	92

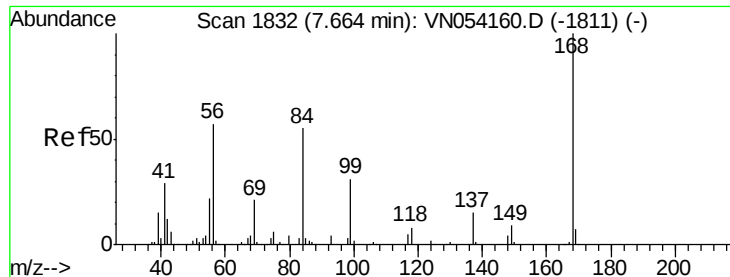
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
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Quant Time: Mar 15 08:33:20 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054294.D

Acq: 15 Mar 2019 6:50

Instrument :

MSVOA_N

ClientSampled :

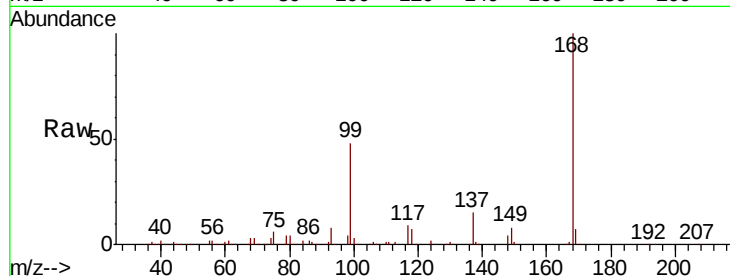
51065

Tgt Ion:168 Resp: 1249612

Ion Ratio Lower Upper

168 100

99 47.9 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

500000

400000

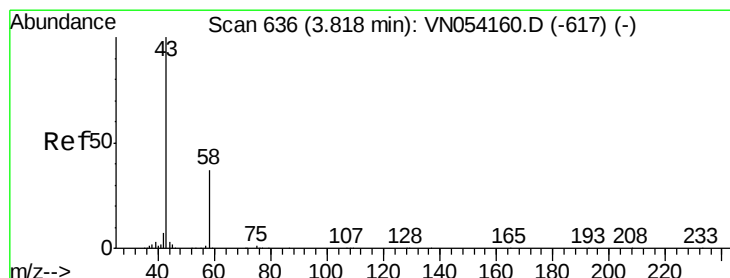
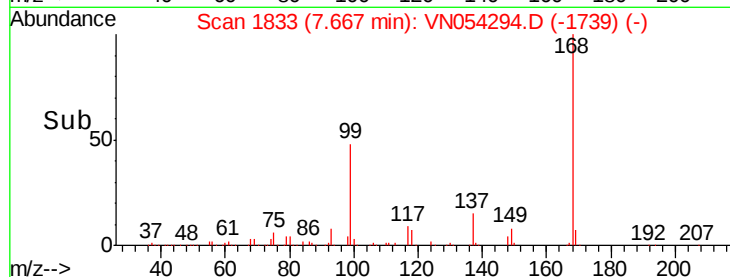
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 78.504 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054294.D

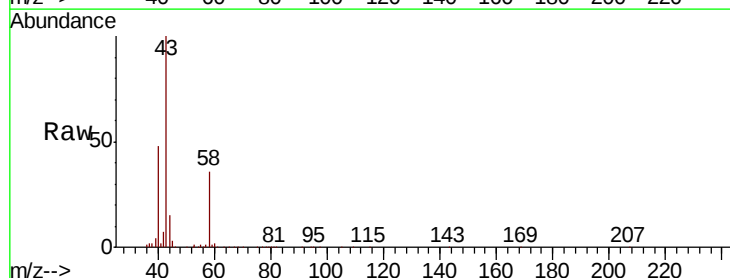
Acq: 15 Mar 2019 6:50

Tgt Ion: 43 Resp: 298297

Ion Ratio Lower Upper

43 100

58 36.2 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

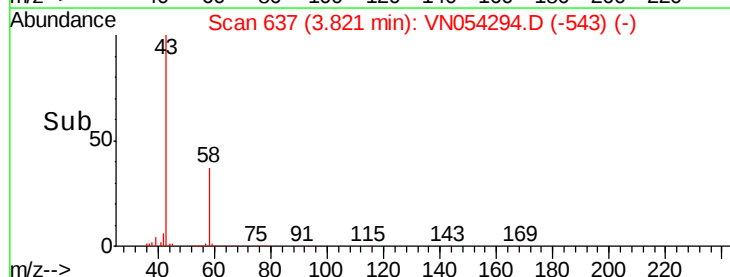
3.82

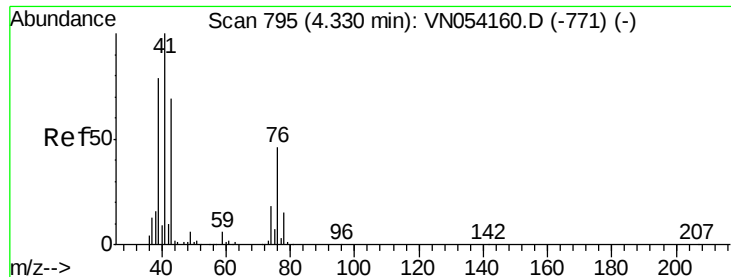
100000

50000

0

Time-->

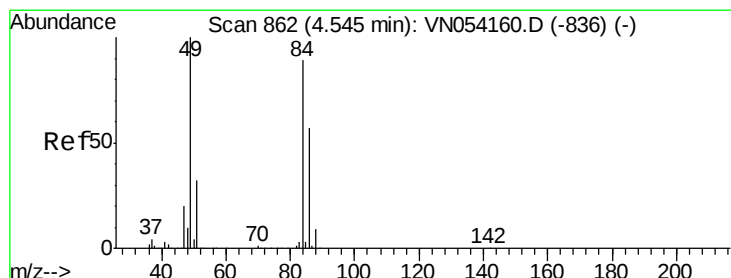
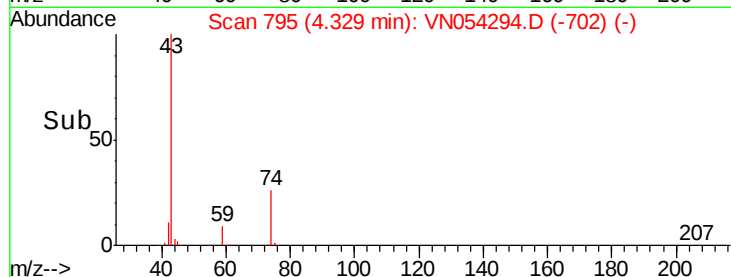
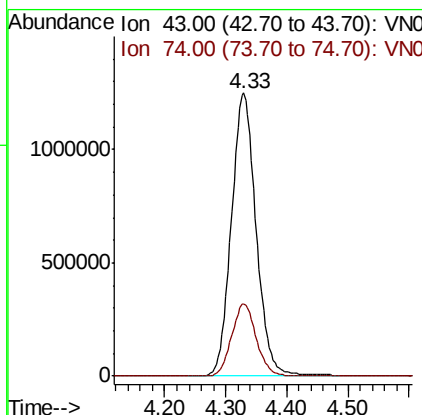
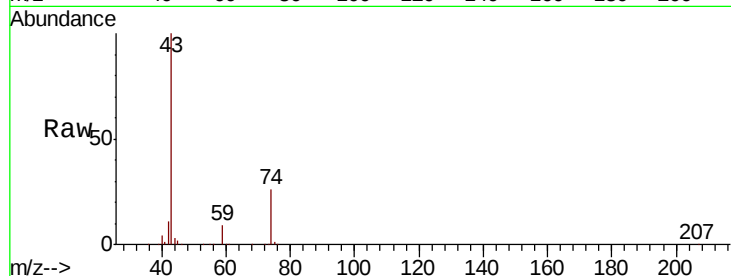




#18
Methyl Acetate
Concen: 457.013 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054294.D
Acq: 15 Mar 2019 6:50

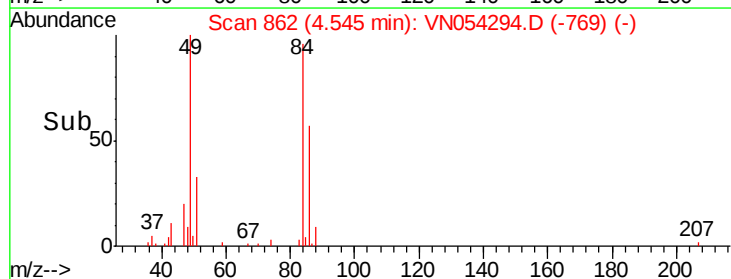
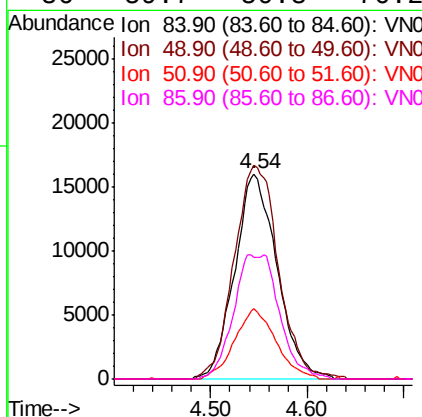
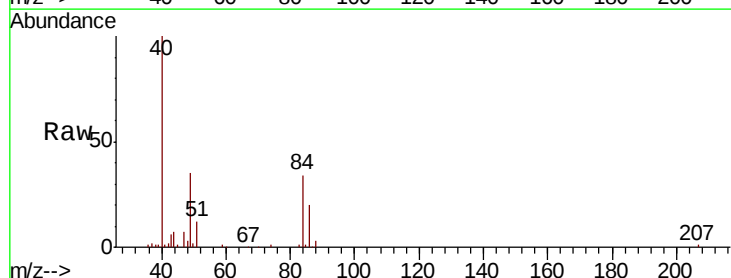
Instrument :
MSVOA_N
ClientSampled :
51065

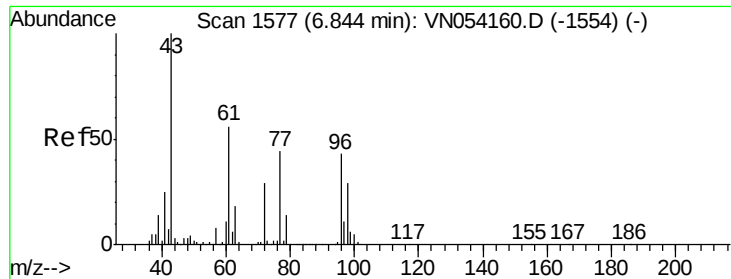
Tgt Ion: 43 Resp: 3513330
Ion Ratio Lower Upper
43 100
74 25.6 20.8 31.2



#20
Methylene Chloride
Concen: 3.908 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054294.D
Acq: 15 Mar 2019 6:50

Tgt Ion: 84 Resp: 48754
Ion Ratio Lower Upper
84 100
49 104.3 89.7 134.5
51 34.4 28.2 42.4
86 59.7 50.8 76.2

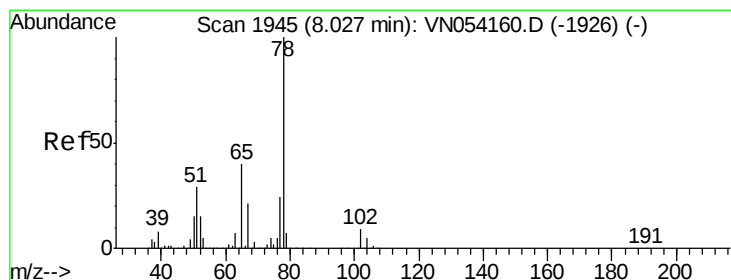
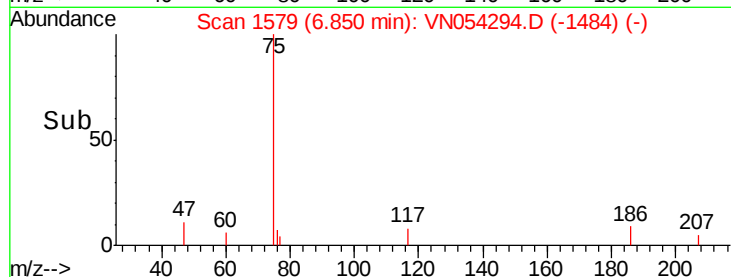
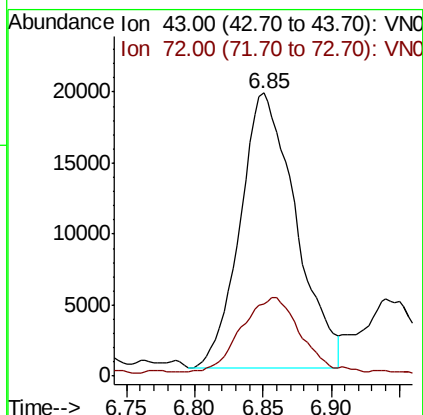
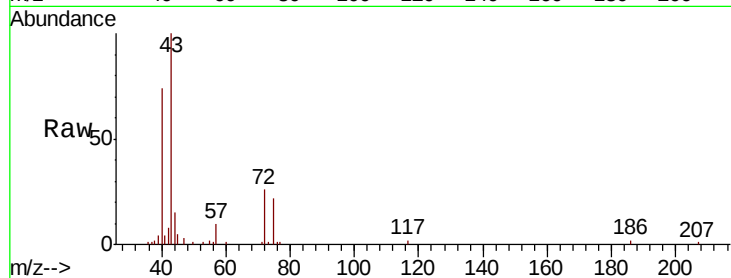




#25
2-Butanone
Concen: 12.352 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN054294.D
Acq: 15 Mar 2019 6:50

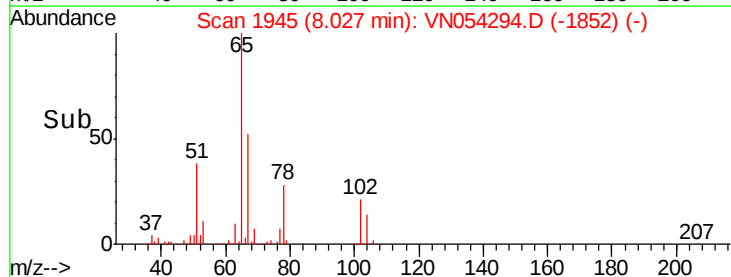
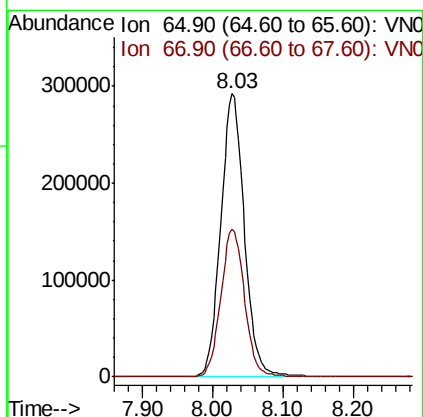
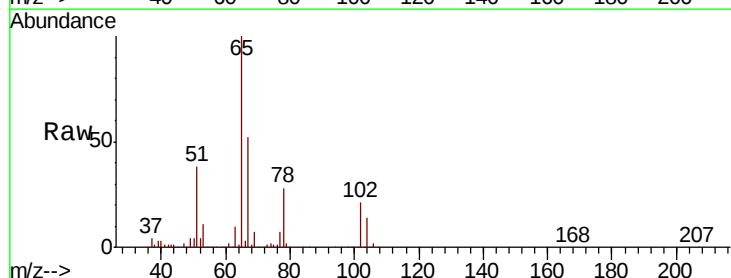
Instrument :
MSVOA_N
ClientSampled :
51065

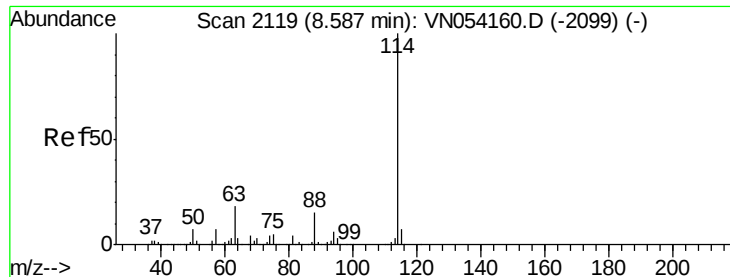
Tgt Ion: 43 Resp: 55089
Ion Ratio Lower Upper
43 100
72 24.6 23.0 34.6



#33
1,2-Dichloroethane-d4
Concen: 51.560 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054294.D
Acq: 15 Mar 2019 6:50

Tgt Ion: 65 Resp: 684249
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: VN054294.D

Acq: 15 Mar 2019 6:50

Instrument :

MSVOA_N

ClientSampleId :

51065

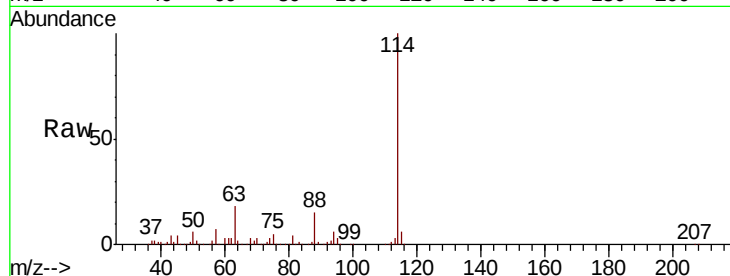
Tgt Ion:114 Resp: 2133870

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.2

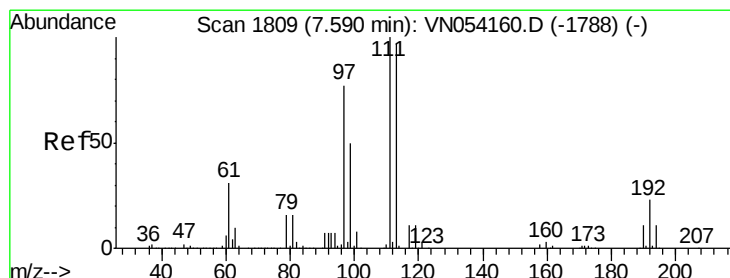
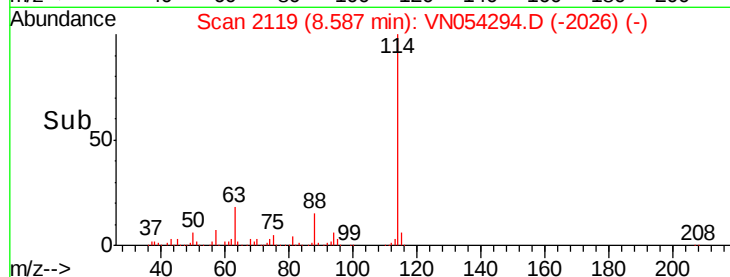
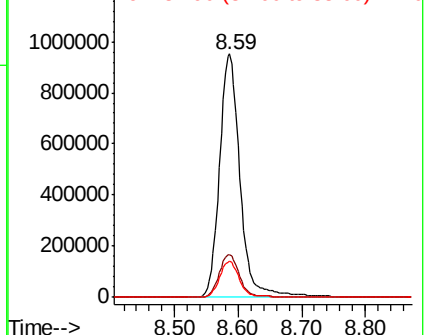
88 14.8 0.0 30.2



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: 47.644 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054294.D

Acq: 15 Mar 2019 6:50

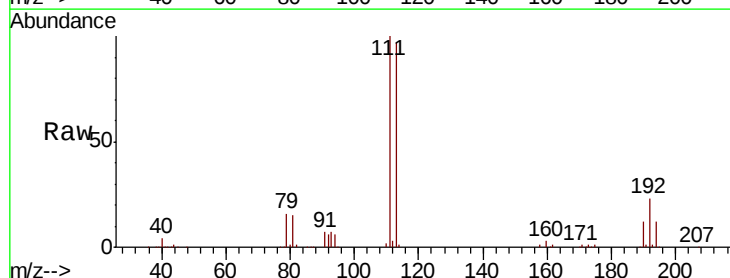
Tgt Ion:113 Resp: 655699

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

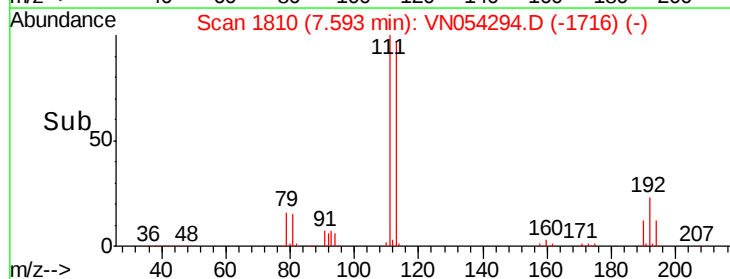
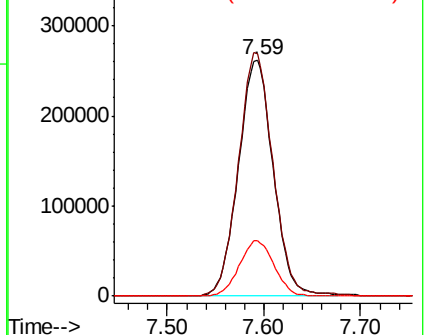
192 23.5 19.2 28.8

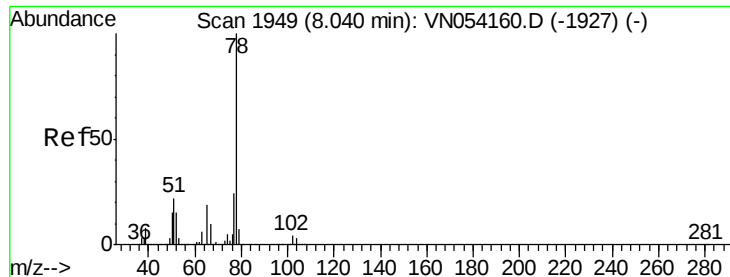


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 5.394 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN054294.D

Acq: 15 Mar 2019 6:50

Instrument :

MSVOA_N

ClientSampleId :

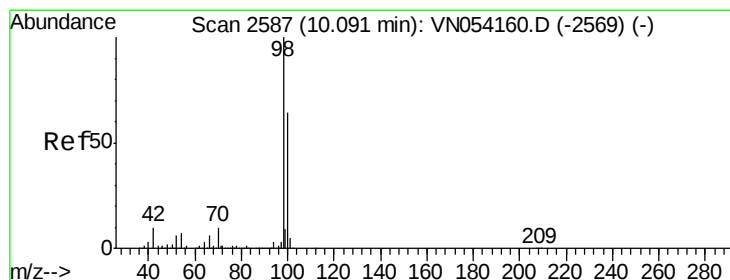
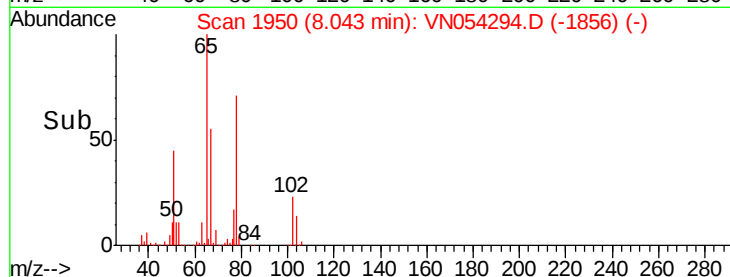
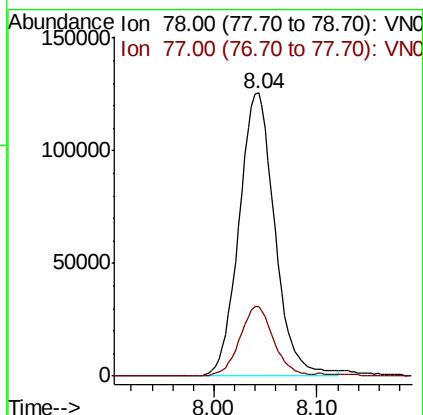
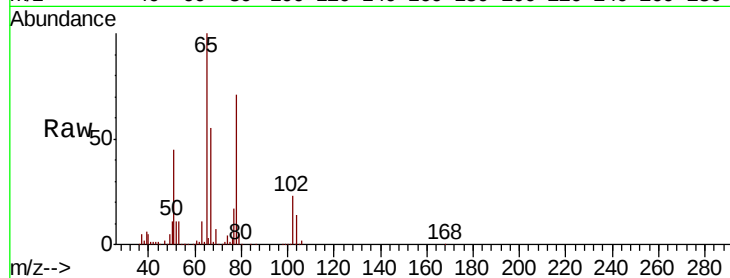
51065

Tgt Ion: 78 Resp: 303321

Ion Ratio Lower Upper

78 100

77 24.4 19.1 28.7



#50

Toluene-d8

Concen: 52.208 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054294.D

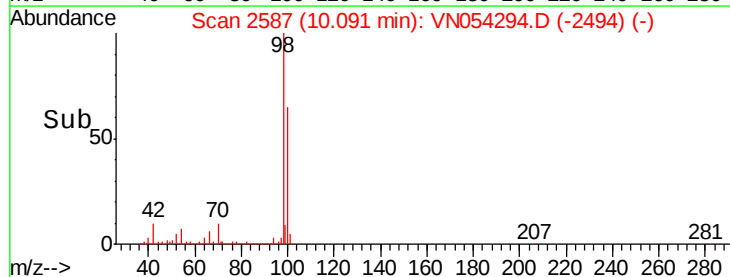
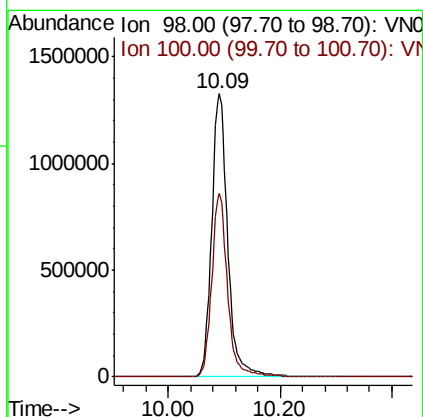
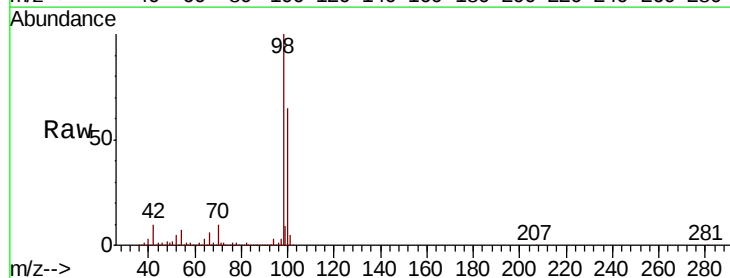
Acq: 15 Mar 2019 6:50

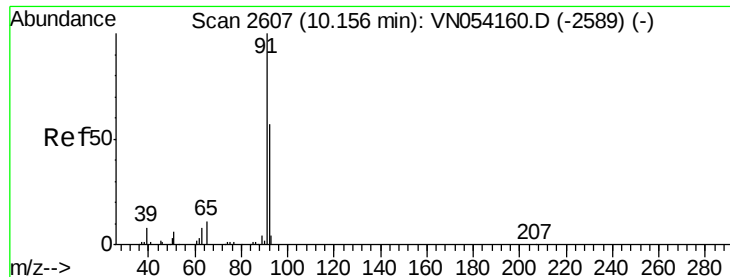
Tgt Ion: 98 Resp: 2653563

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8





#52

Toluene

Concen: 7.634 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054294.D

Acq: 15 Mar 2019 6:50

Instrument :

MSVOA_N

ClientSampled :

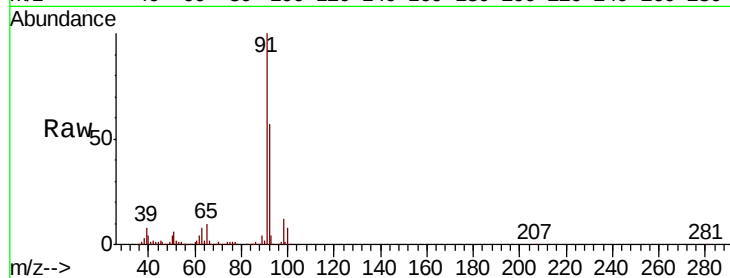
51065

Tgt Ion: 92 Resp: 272195

Ion Ratio Lower Upper

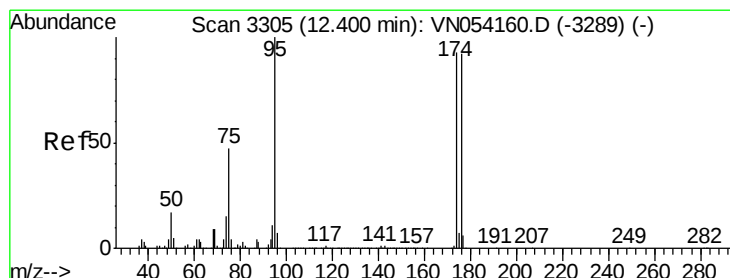
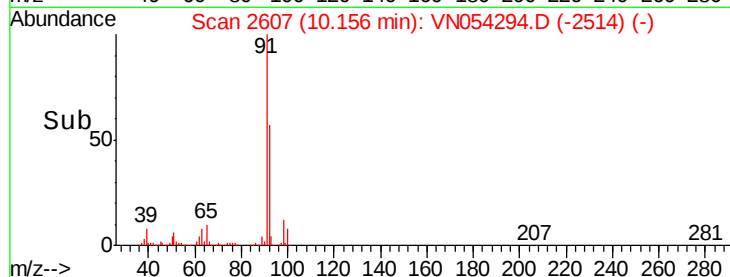
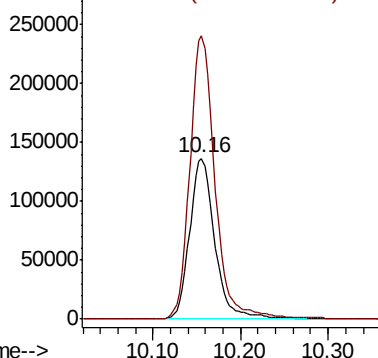
92 100

91 175.5 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 57.825 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054294.D

Acq: 15 Mar 2019 6:50

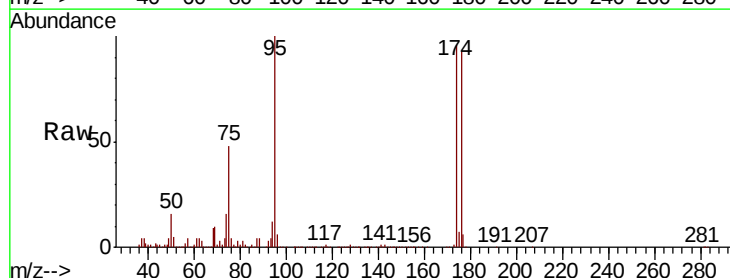
Tgt Ion: 95 Resp: 1028384

Ion Ratio Lower Upper

95 100

174 97.6 0.0 191.0

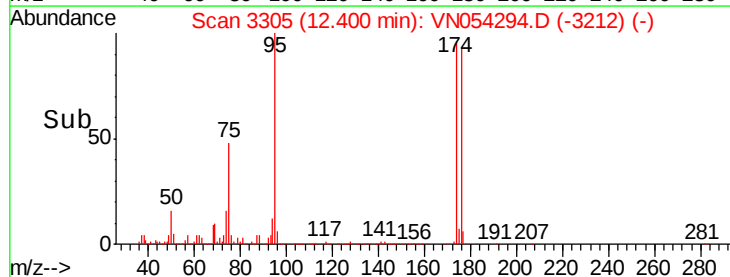
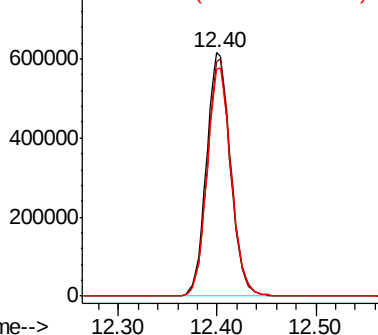
176 94.2 0.0 187.4

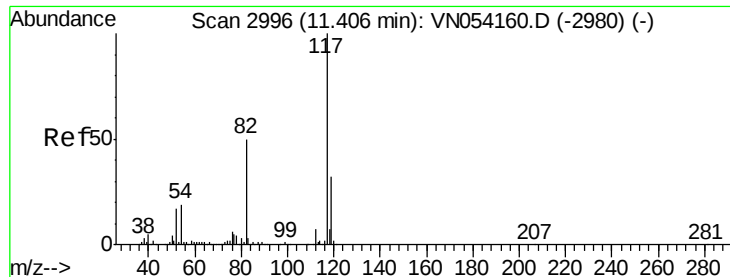


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

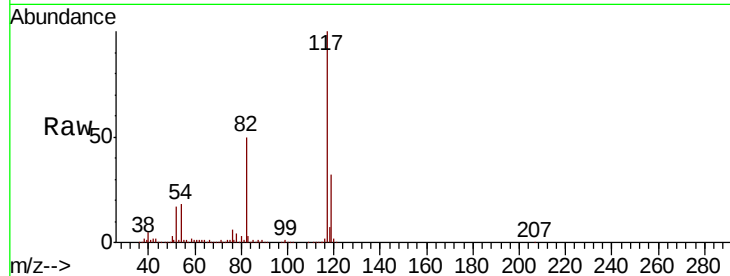




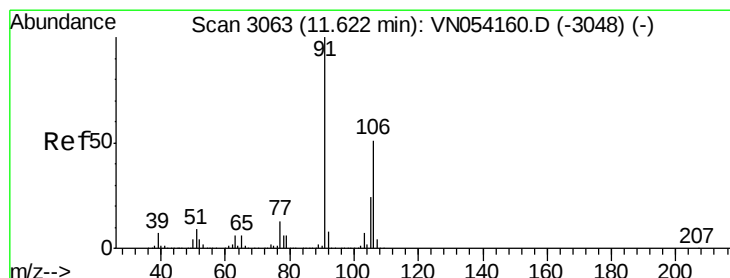
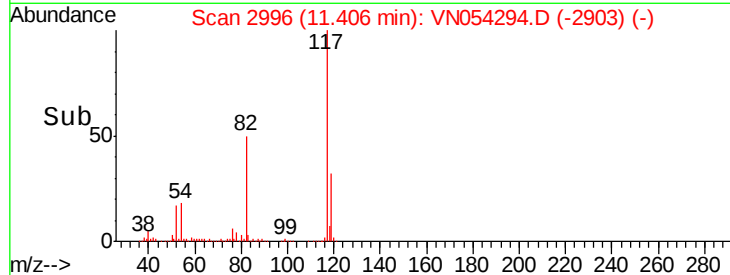
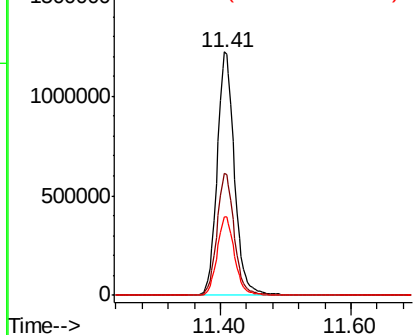
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054294.D
Acq: 15 Mar 2019 6:50

Instrument :
MSVOA_N
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Tgt Ion:117 Resp: 2256879
Ion Ratio Lower Upper
117 100
82 50.1 40.0 60.0
119 32.2 25.8 38.6

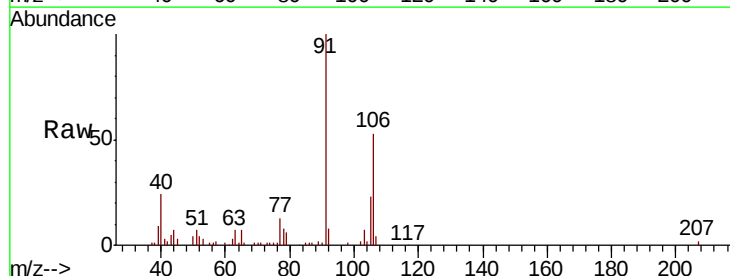


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

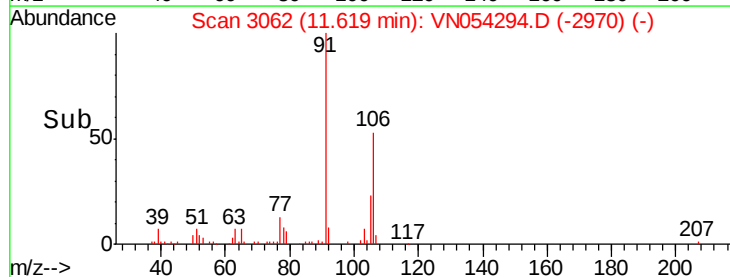
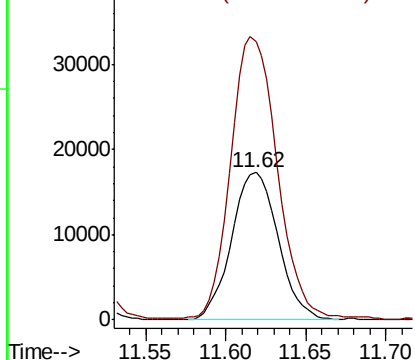


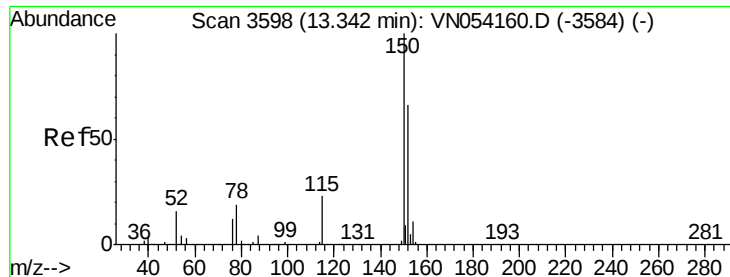
#68
m/p-Xylenes
Concen: 1.072 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054294.D
Acq: 15 Mar 2019 6:50

Tgt Ion:106 Resp: 34422
Ion Ratio Lower Upper
106 100
91 193.9 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054294.D

Acq: 15 Mar 2019 6:50

Instrument :

MSVOA_N

ClientSampleId :

51065

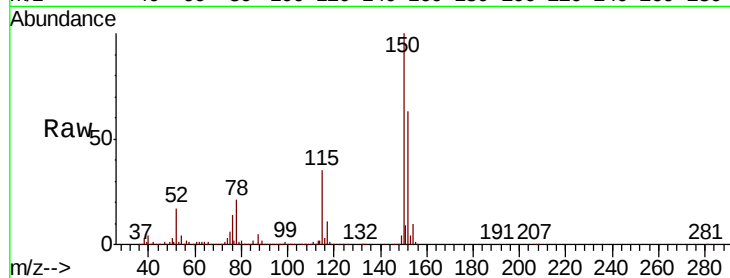
Tgt Ion:152 Resp: 981289

Ion Ratio Lower Upper

152 100

115 55.2 27.2 81.6

150 158.0 0.0 349.2

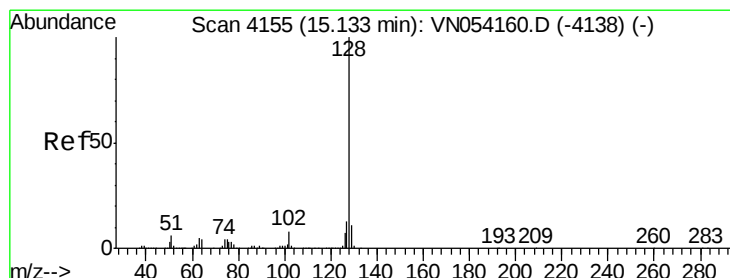
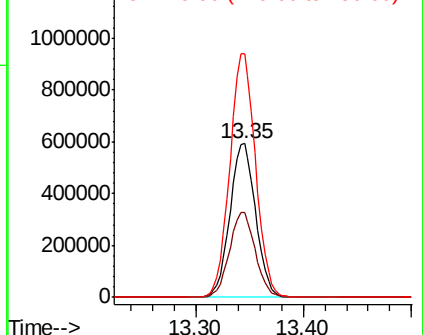
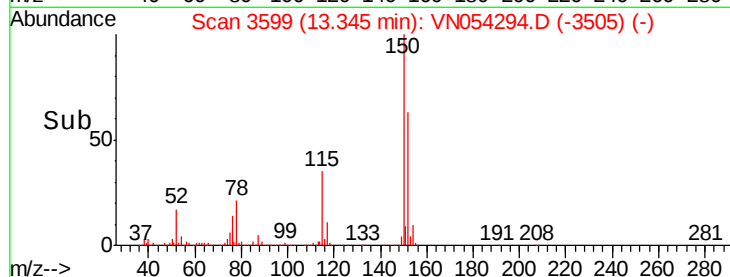


Abundance

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



#95

Naphthalene

Concen: 3.895 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054294.D

Acq: 15 Mar 2019 6:50

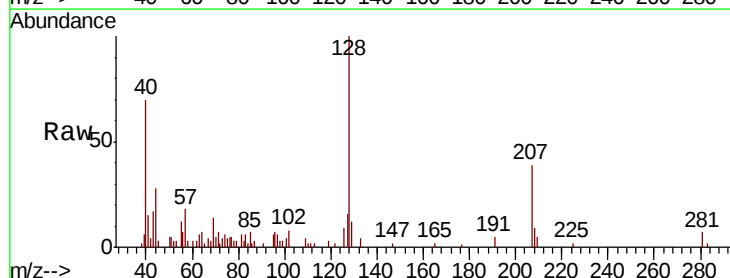
Tgt Ion:128 Resp: 19647

Ion Ratio Lower Upper

128 100

127 10.5 10.1 15.1

129 15.3 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

