

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030619\
 Data File : VN054126.D
 Acq On : 6 Mar 2019 19:32
 Operator : JC/SP
 Sample : K1755-27
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

Quant Time: Mar 07 07:24:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:25:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	602084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1092267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1075634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	449222	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	375100	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
35) Dibromofluoromethane	7.59	113	345110	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
50) Toluene-d8	10.09	98	1381064	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.40	95	508400	57.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.94%	

Target Compounds

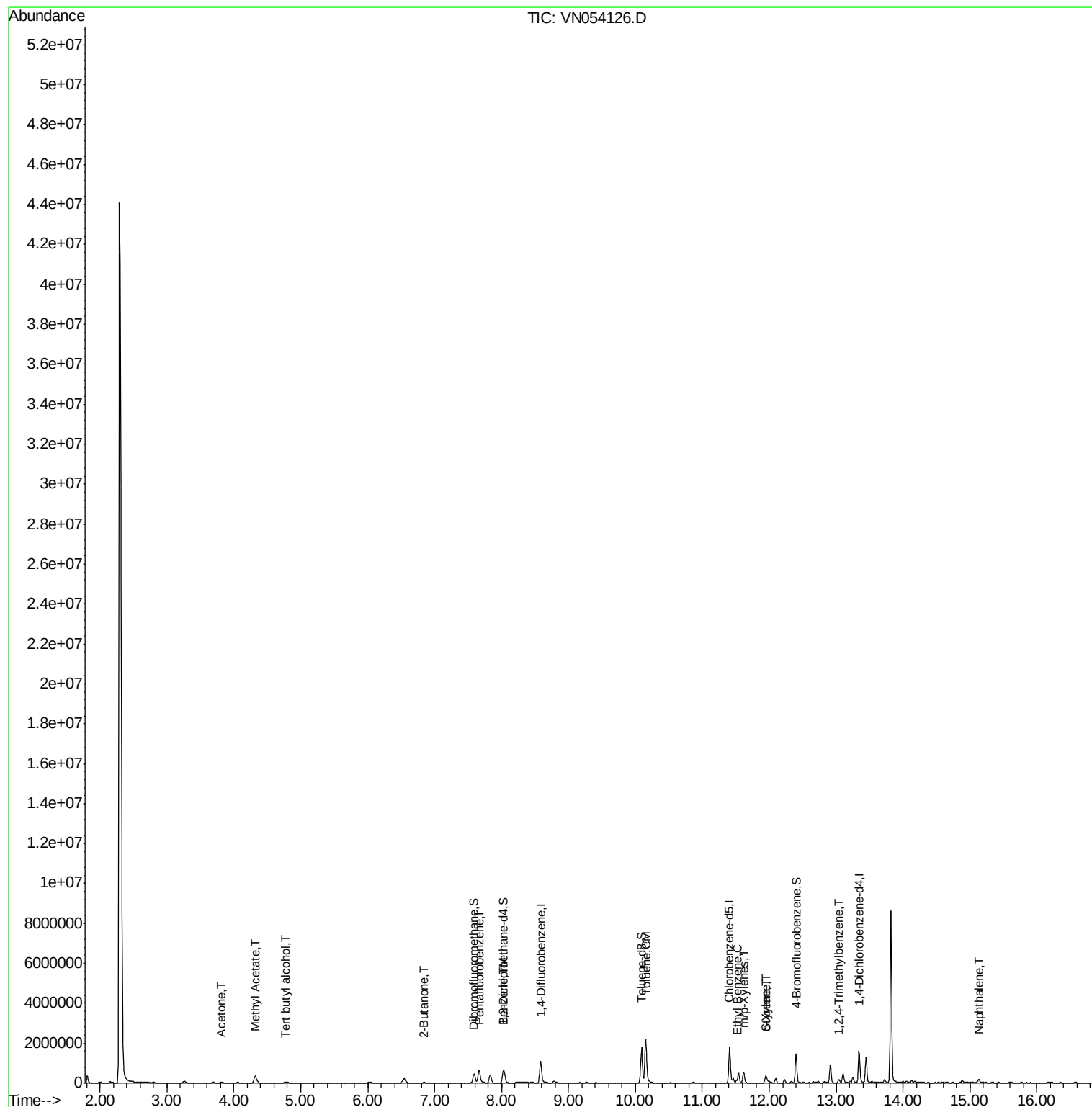
						Qvalue
11) Tert butyl alcohol	4.78	59	87147	198.103	ug/l	98
16) Acetone	3.82	43	101827	45.723	ug/l	95
18) Methyl Acetate	4.32	43	668200	127.217	ug/l	98
25) 2-Butanone	6.84	43	41619	14.046	ug/l	99
40) Benzene	8.04	78	326752	10.773	ug/l	98
52) Toluene	10.16	92	1041766	57.973	ug/l	99
67) Ethyl Benzene	11.51	91	84870	2.266	ug/l	98
68) m/p-Xylenes	11.62	106	175326	12.403	ug/l	100
69) o-Xylene	11.95	106	82499	6.065	ug/l	100
70) Styrene	11.96	104	68090	3.154	ug/l	89
84) 1,2,4-Trimethylbenzene	13.04	105	91285	3.165	ug/l	100
95) Naphthalene	15.13	128	155075	12.945	ug/l	97

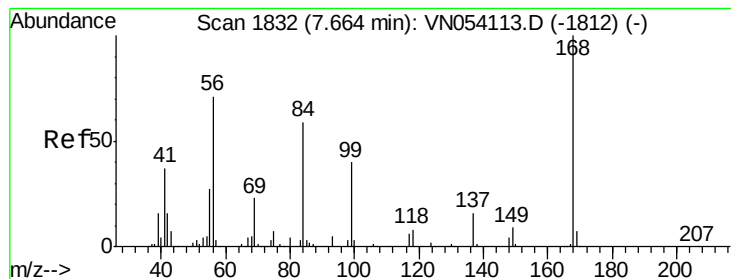
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030619\
Data File : VN054126.D
Acq On : 6 Mar 2019 19:32
Operator : JC/SP
Sample : K1755-27
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
COMP-3

Quant Time: Mar 07 07:24:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:25:49 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054126.D

Acq: 6 Mar 2019 19:32

Instrument :

MSVOA_N

ClientSampleId :

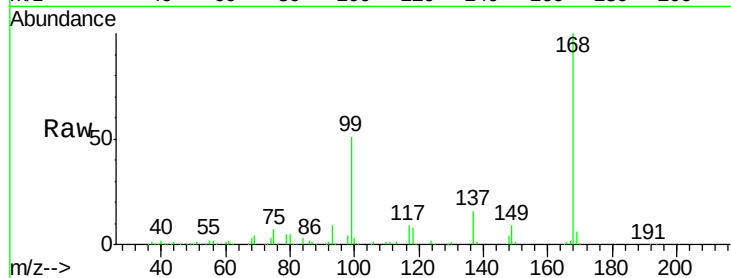
COMP-3

Tot Ion:168 Resp: 602084

Ion Ratio Lower Upper

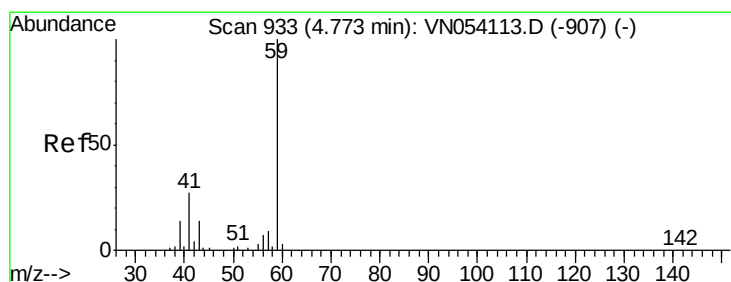
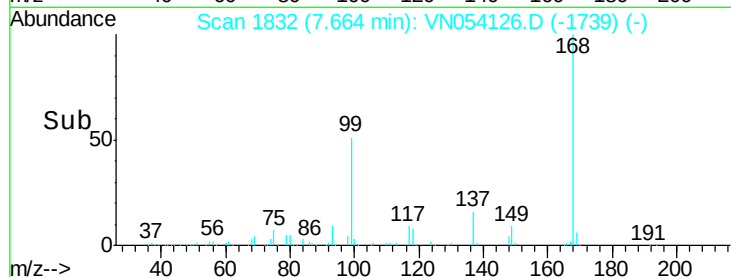
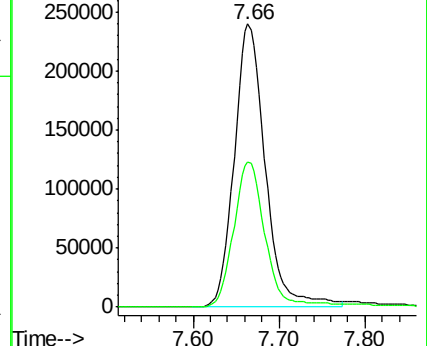
168 100

99 51.1 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 198.103 ug/l

RT: 4.78 min Scan# 935

Delta R.T. 0.01 min

Lab File: VN054126.D

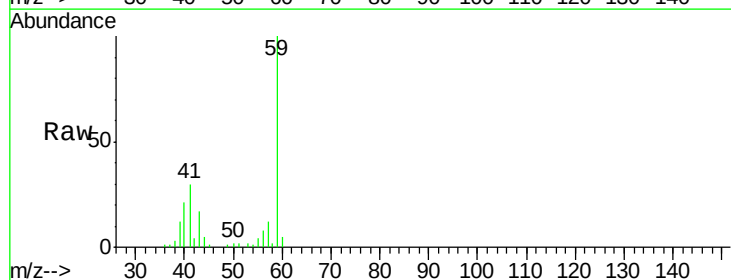
Acq: 6 Mar 2019 19:32

Tgt Ion: 59 Resp: 87147

Ion Ratio Lower Upper

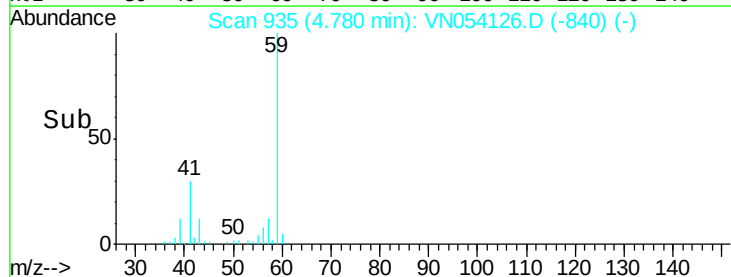
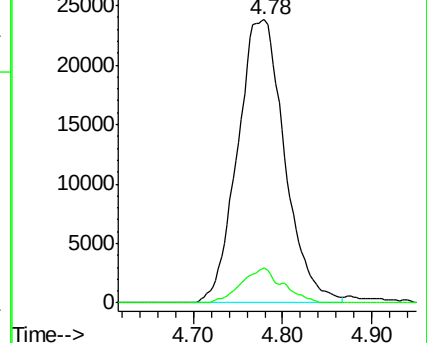
59 100

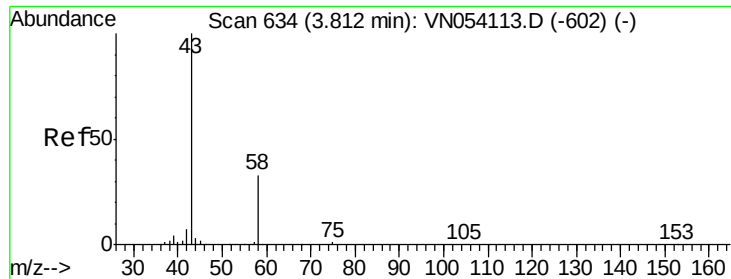
57 10.9 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 45.723 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN054126.D

Acq: 6 Mar 2019 19:32

Instrument :

MSVOA_N

ClientSampled :

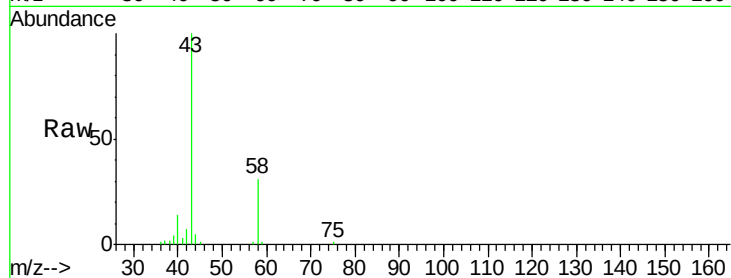
COMP-3

Tot Ion: 43 Resp: 101827

Ion Ratio Lower Upper

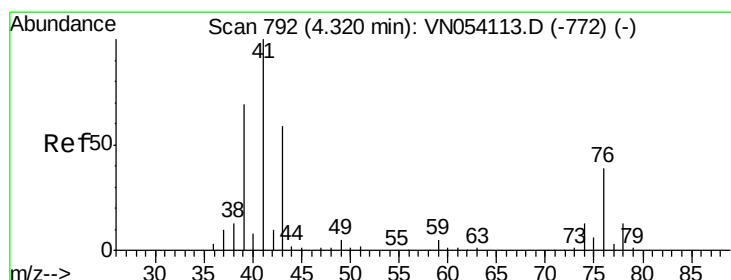
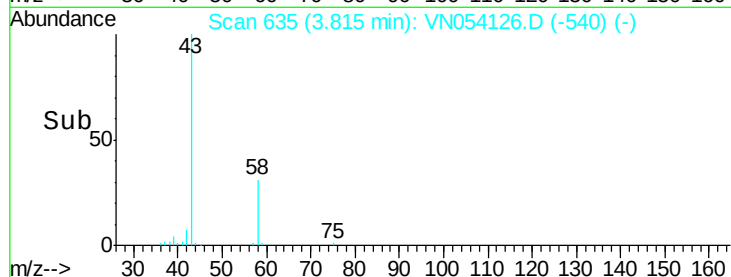
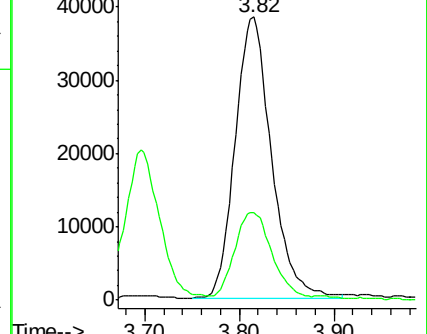
43 100

58 30.4 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 127.217 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN054126.D

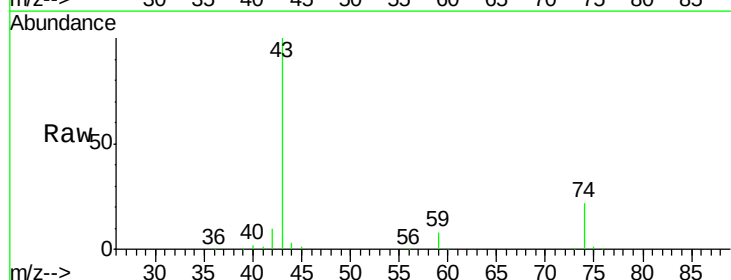
Acq: 6 Mar 2019 19:32

Tgt Ion: 43 Resp: 668200

Ion Ratio Lower Upper

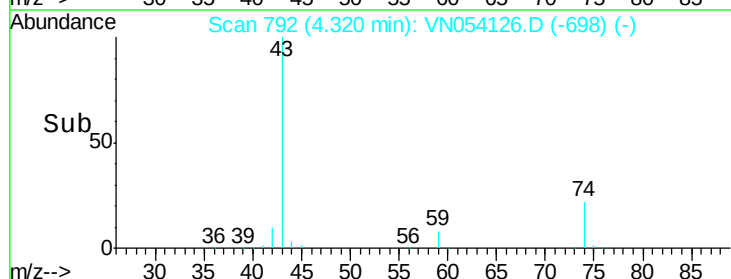
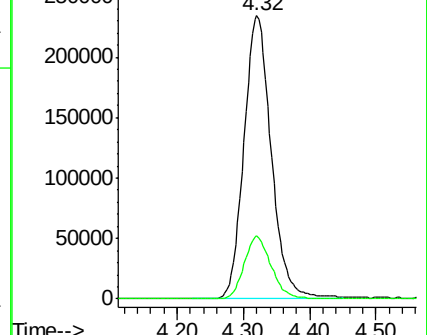
43 100

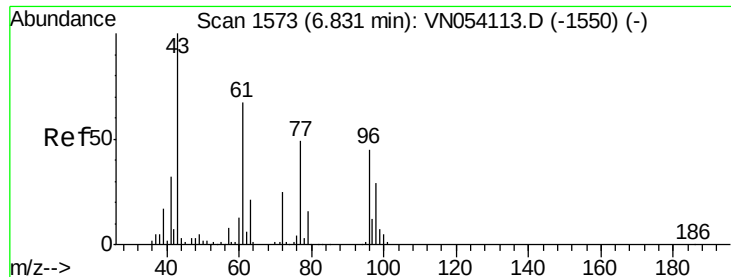
74 21.9 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

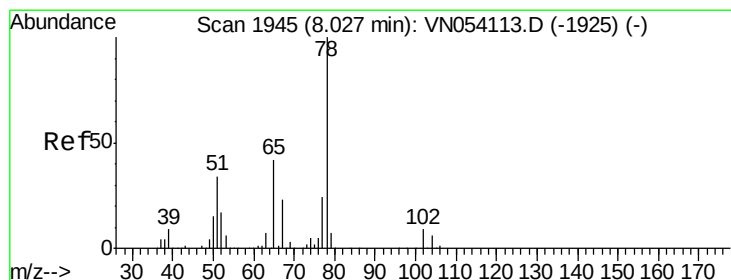
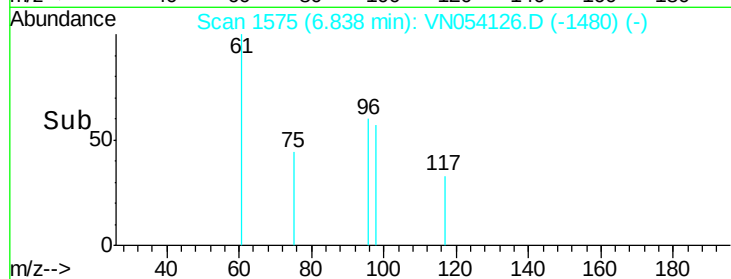
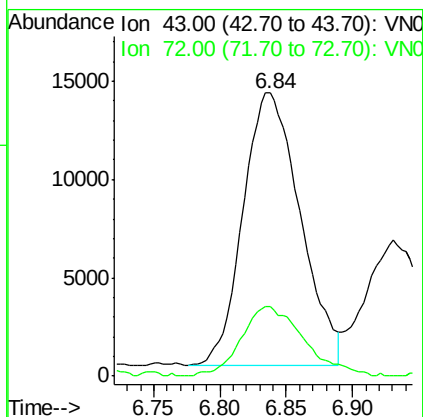
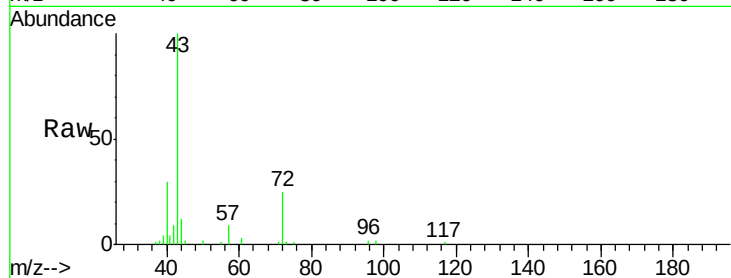




#25
2-Butanone
Concen: 14.046 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN054126.D
Acq: 6 Mar 2019 19:32

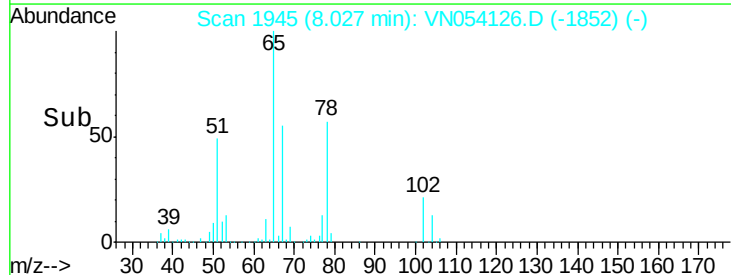
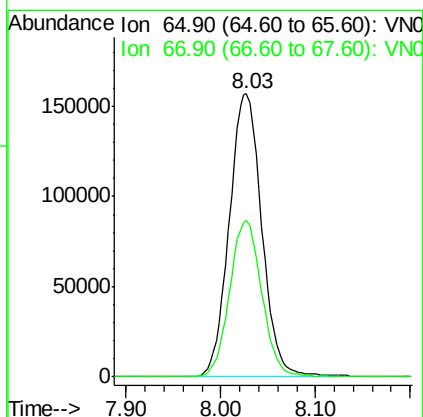
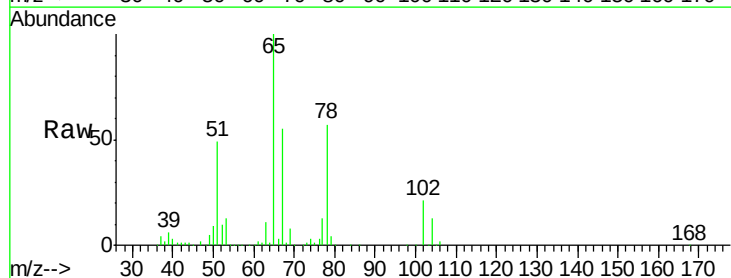
Instrument :
MSVOA_N
ClientSampled :
COMP-3

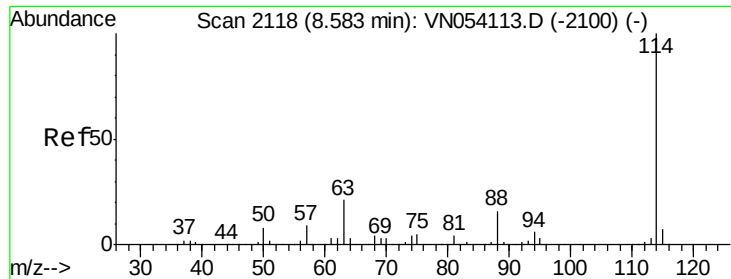
Tot Ion: 43 Resp: 41619
Ion Ratio Lower Upper
43 100
72 25.7 20.2 30.2



#33
1,2-Dichloroethane-d4
Concen: 51.875 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054126.D
Acq: 6 Mar 2019 19:32

Tgt Ion: 65 Resp: 375100
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6

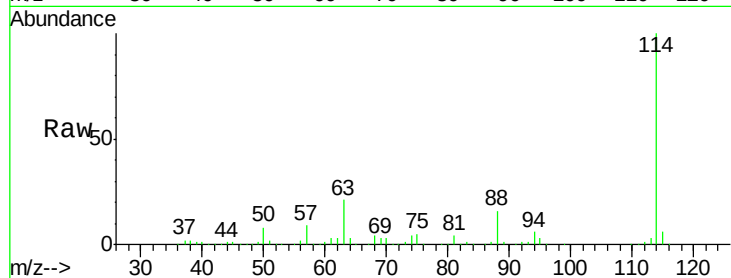




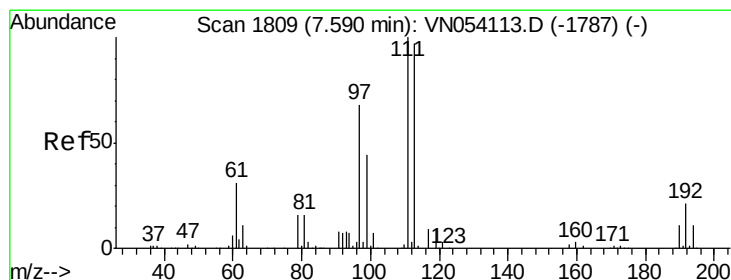
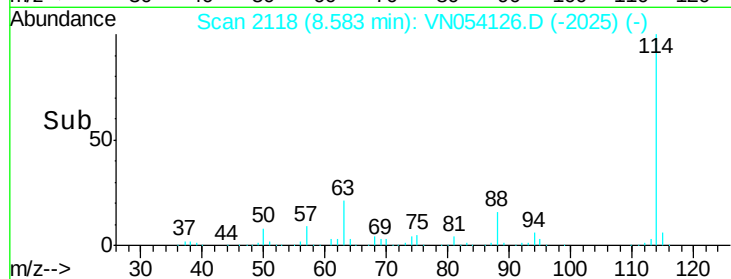
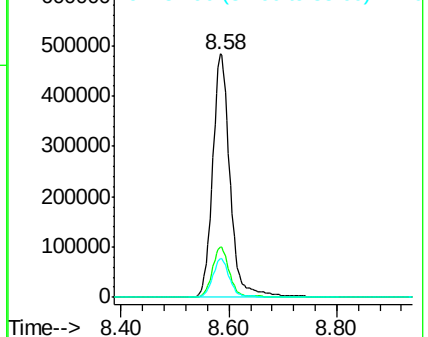
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN054126.D
Acq: 6 Mar 2019 19:32

Instrument :
MSVOA_N
ClientSampleId :
COMP-3

Tot Ion:114 Resp: 1092267
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.1 0.0 31.8

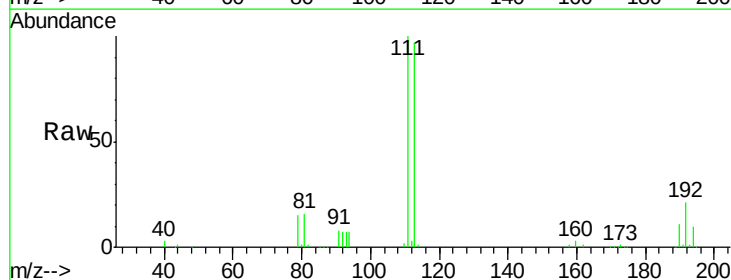


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

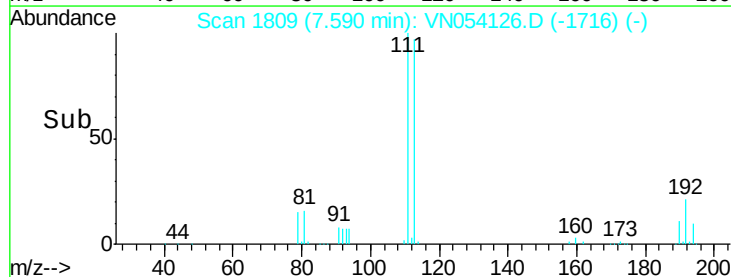
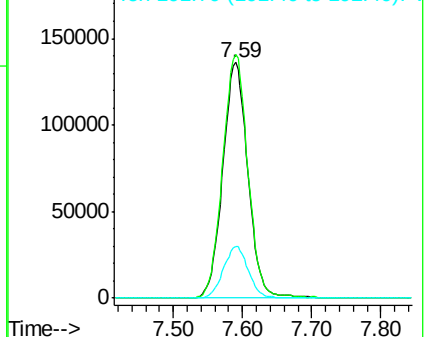


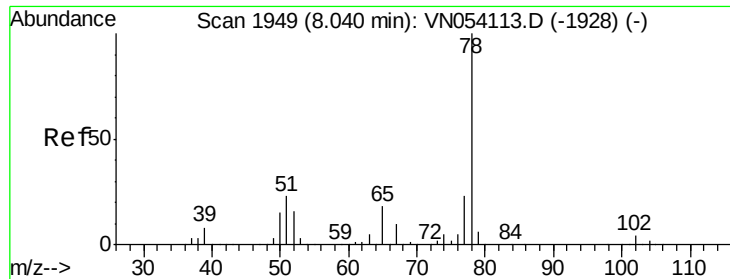
#35
Dibromofluoromethane
Concen: 48.648 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054126.D
Acq: 6 Mar 2019 19:32

Tgt Ion:113 Resp: 345110
Ion Ratio Lower Upper
113 100
111 103.3 82.1 123.1
192 21.7 17.4 26.0



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: 10.773 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN054126.D

Acq: 6 Mar 2019 19:32

Instrument :

MSVOA_N

ClientSampleId :

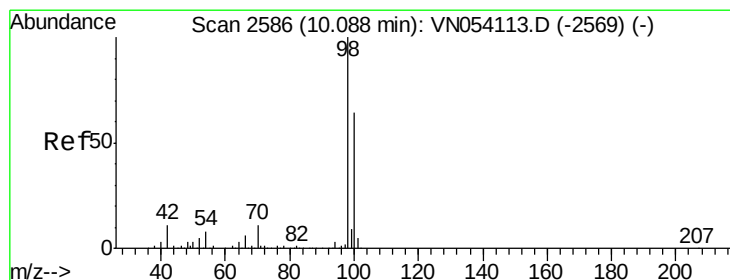
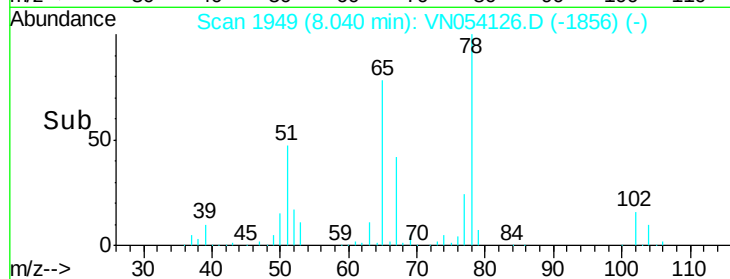
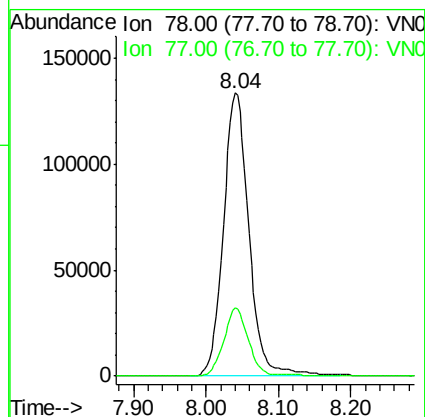
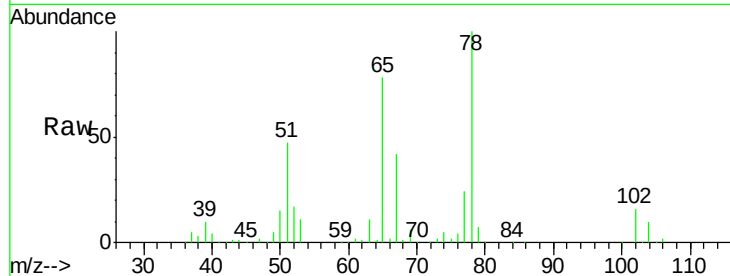
COMP-3

Tot Ion: 78 Resp: 326752

Ion Ratio Lower Upper

78 100

77 24.2 18.7 28.1



#50

Toluene-d8

Concen: 51.266 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054126.D

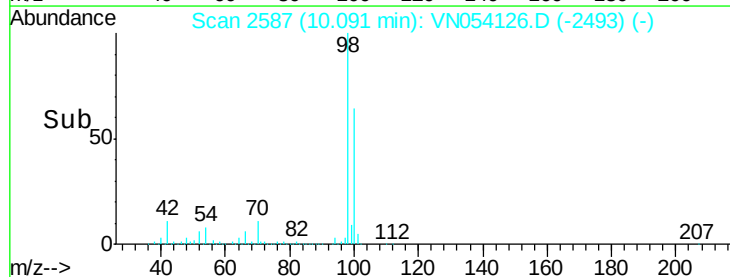
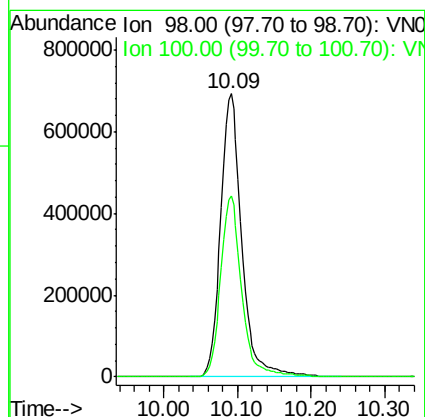
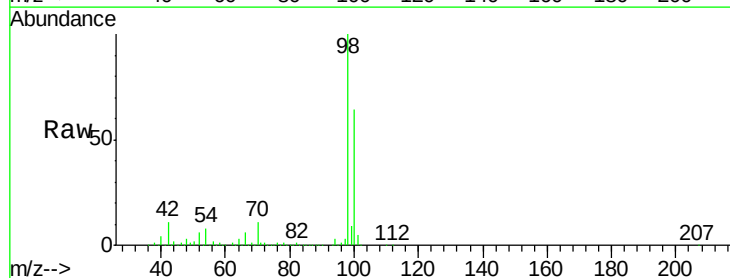
Acq: 6 Mar 2019 19:32

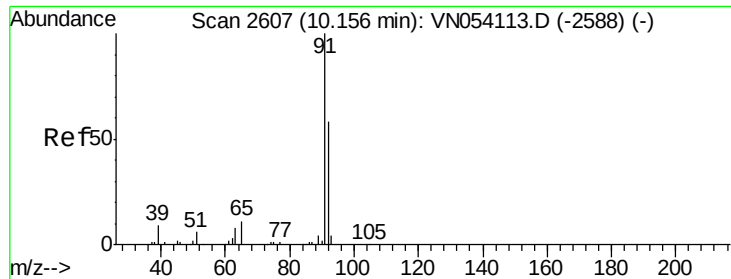
Tgt Ion: 98 Resp: 1381064

Ion Ratio Lower Upper

98 100

100 63.7 51.7 77.5





#52

Toluene

Concen: 57.973 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054126.D

Acq: 6 Mar 2019 19:32

Instrument :

MSVOA_N

ClientSampled :

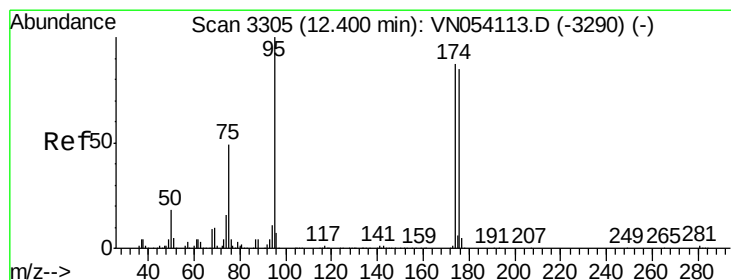
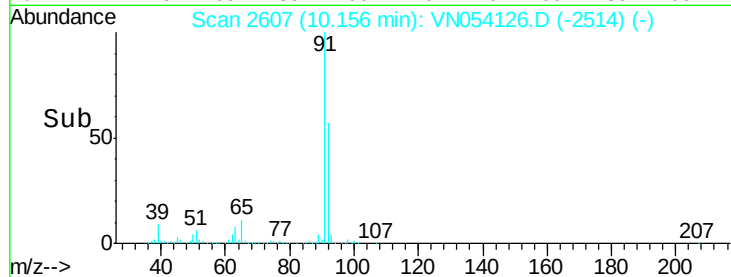
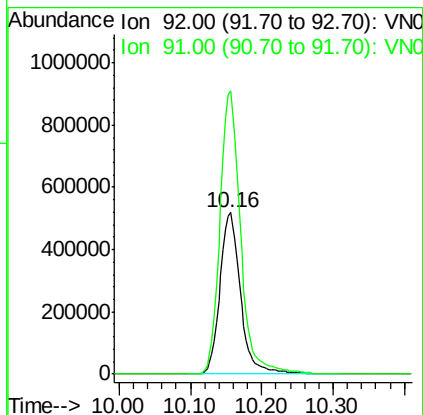
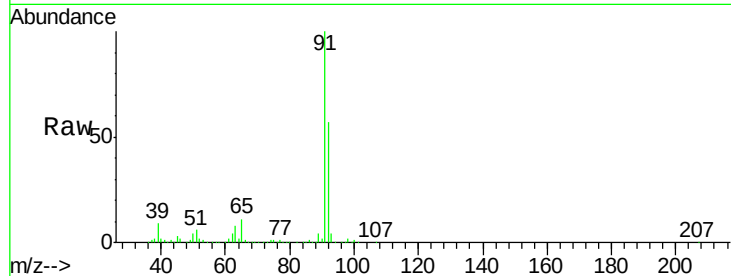
COMP-3

Tot Ion: 92 Resp: 1041766

Ion Ratio Lower Upper

92 100

91 175.5 139.0 208.6



#62

4-Bromofluorobenzene

Concen: 57.966 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054126.D

Acq: 6 Mar 2019 19:32

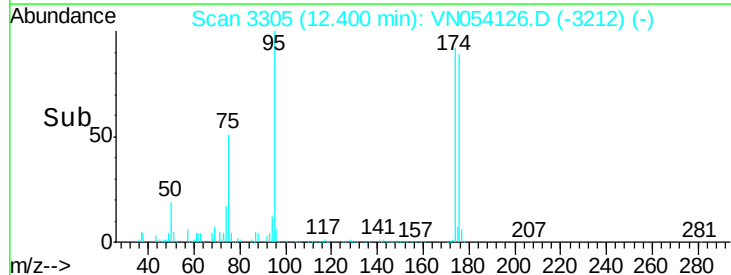
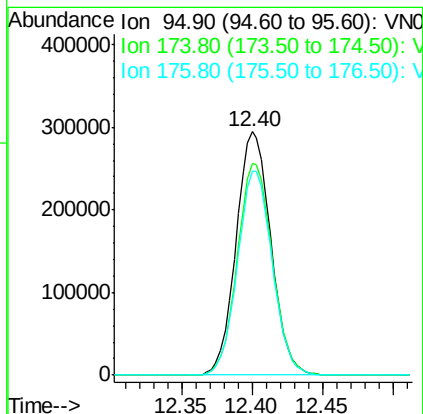
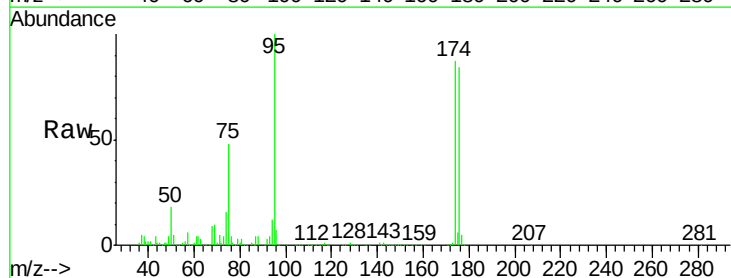
Tgt Ion: 95 Resp: 508400

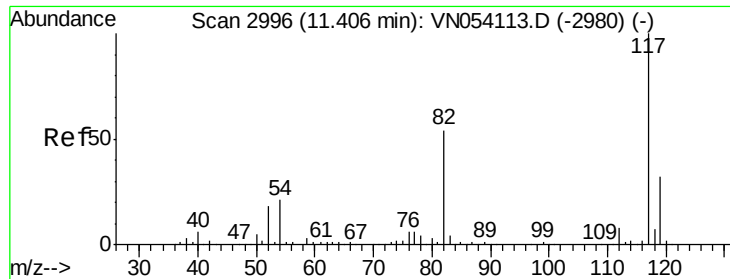
Ion Ratio Lower Upper

95 100

174 87.8 0.0 173.2

176 83.9 0.0 168.8

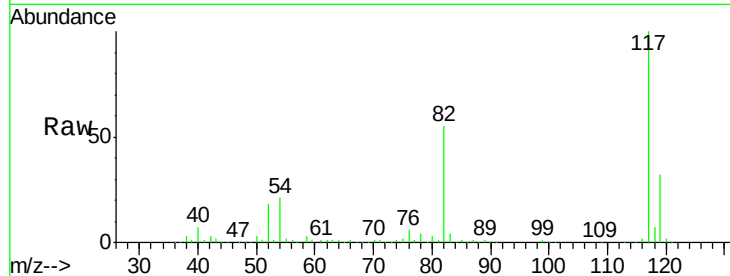




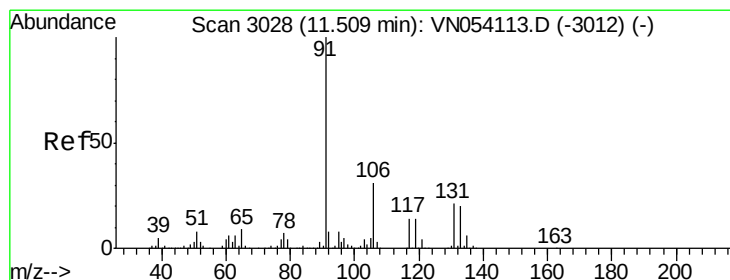
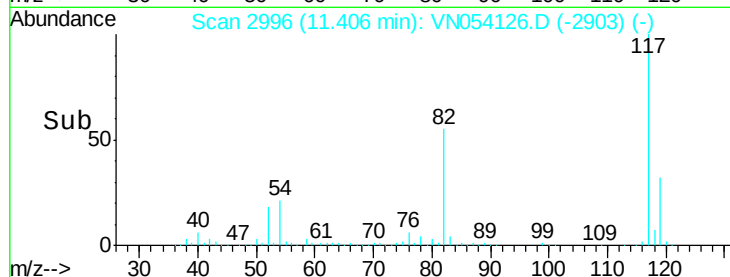
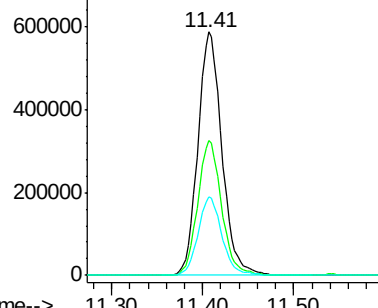
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054126.D
Acq: 6 Mar 2019 19:32

Instrument :
MSVOA_N
ClientSampleId :
COMP-3

Tot Ion:117 Resp: 1075634
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.2
119 32.1 26.0 39.0

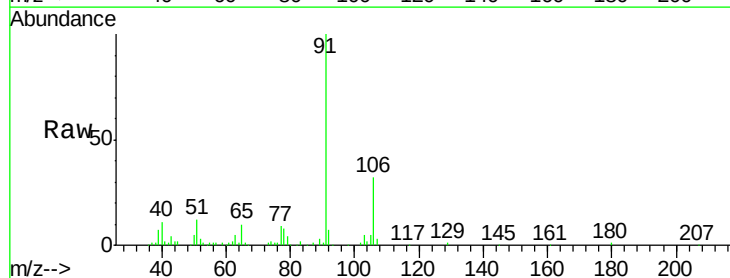


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

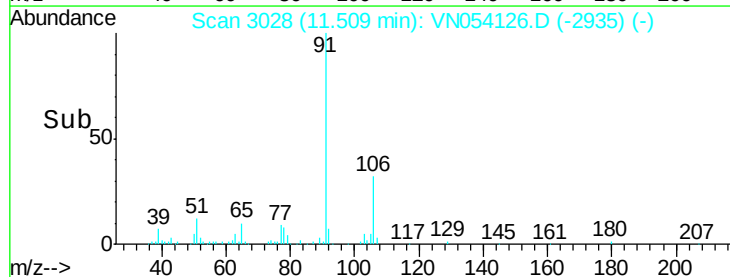
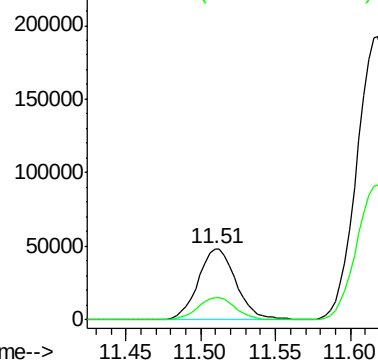


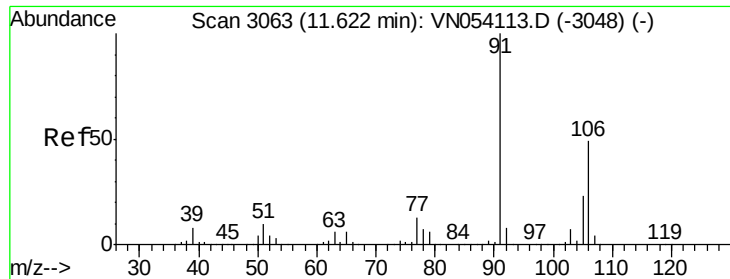
#67
Ethyl Benzene
Concen: 2.266 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054126.D
Acq: 6 Mar 2019 19:32

Tgt Ion: 91 Resp: 84870
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8



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

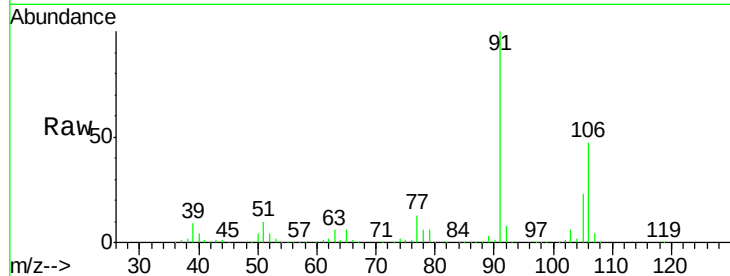




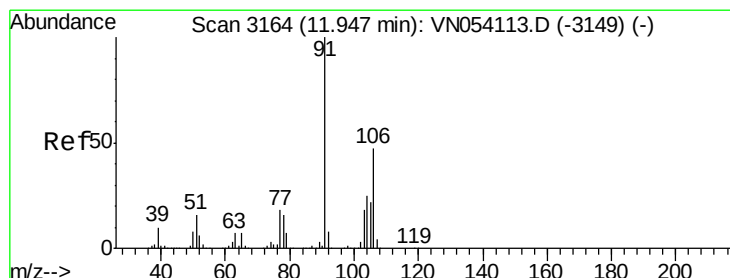
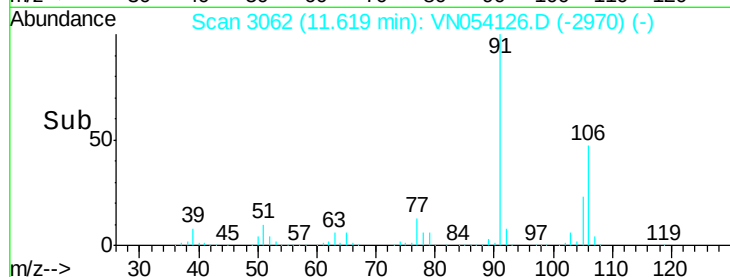
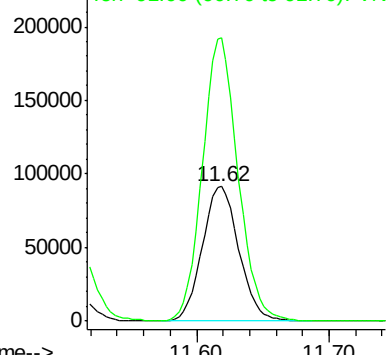
#68
m/p-Xylenes
Concen: 12.403 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054126.D
Acq: 6 Mar 2019 19:32

Instrument :
MSVOA_N
ClientSampled :
COMP-3

Tot Ion:106 Resp: 175326
Ion Ratio Lower Upper
106 100
91 204.7 163.2 244.8

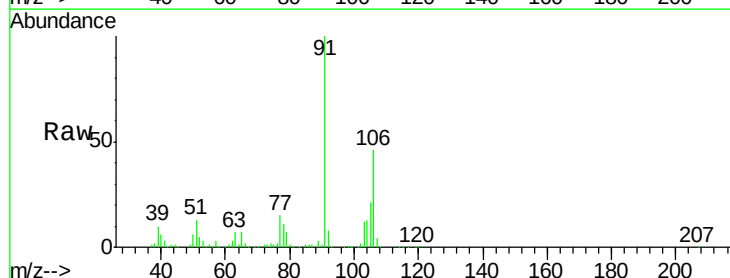


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

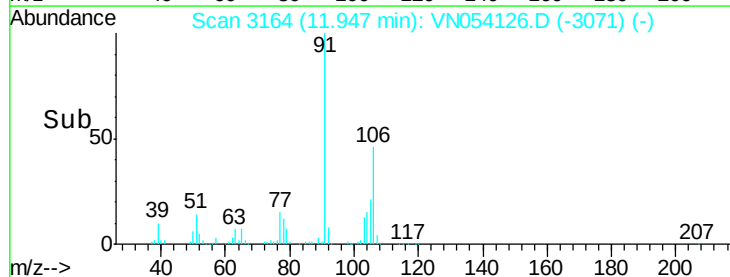
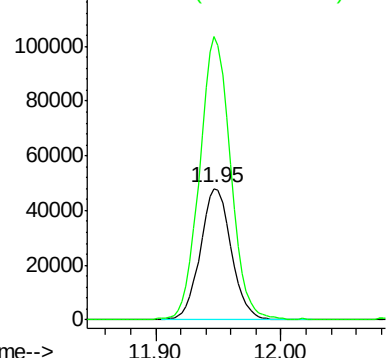


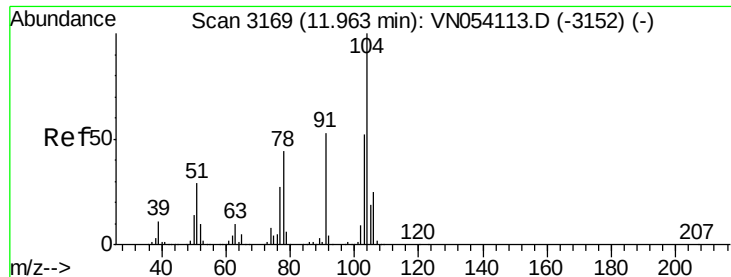
#69
o-Xylene
Concen: 6.065 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054126.D
Acq: 6 Mar 2019 19:32

Tgt Ion:106 Resp: 82499
Ion Ratio Lower Upper
106 100
91 214.1 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

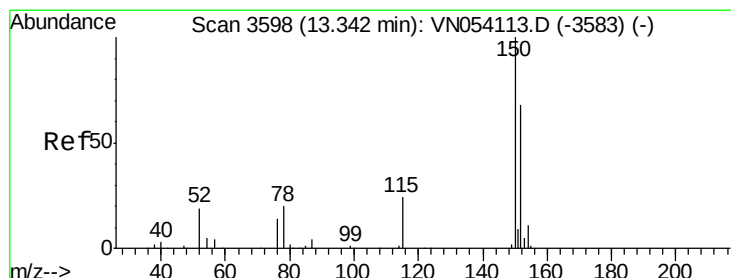
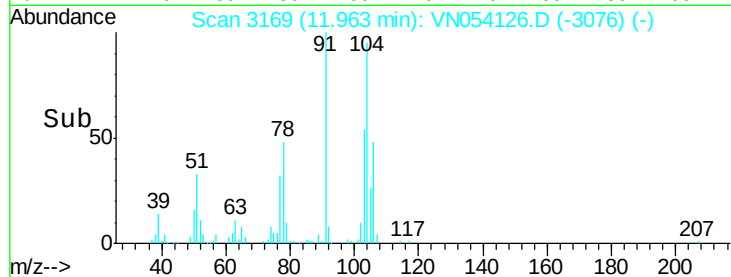
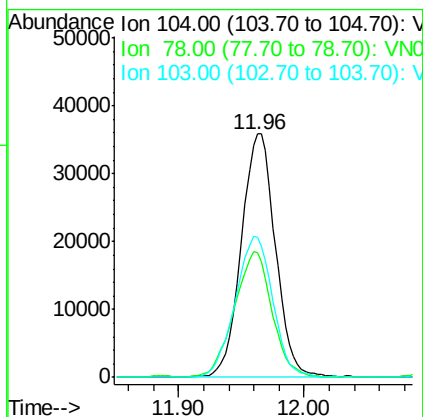
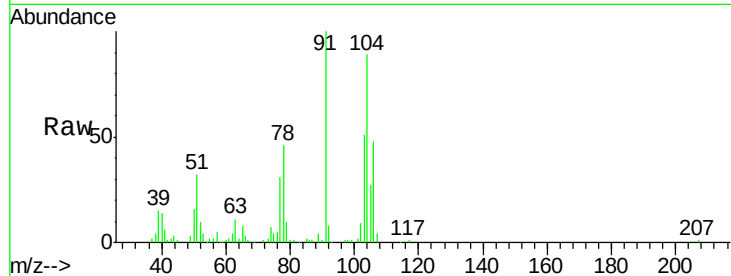




#70
Stvrene
Concen: 3.154 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054126.D
Acq: 6 Mar 2019 19:32

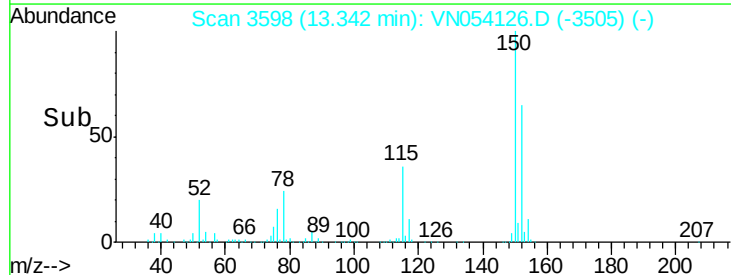
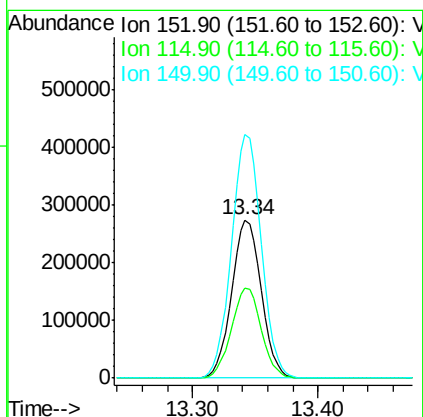
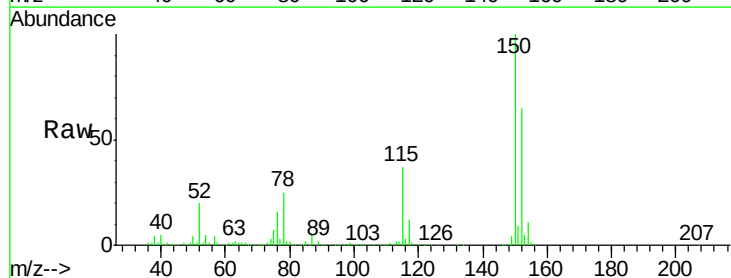
Instrument :
MSVOA_N
ClientSampled :
COMP-3

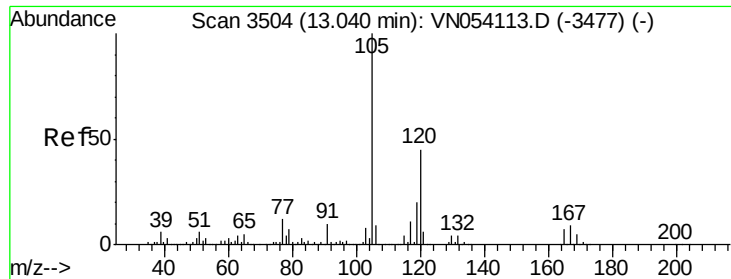
Tot Ion:104 Resp: 68090
Ion Ratio Lower Upper
104 100
78 56.8 39.4 59.0
103 63.2 44.7 67.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054126.D
Acq: 6 Mar 2019 19:32

Tgt Ion:152 Resp: 449222
Ion Ratio Lower Upper
152 100
115 57.2 28.5 85.6
150 155.1 0.0 343.2

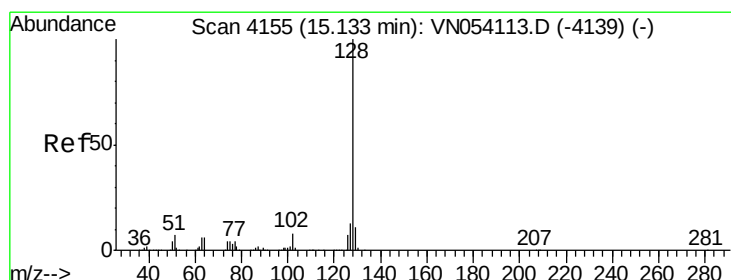
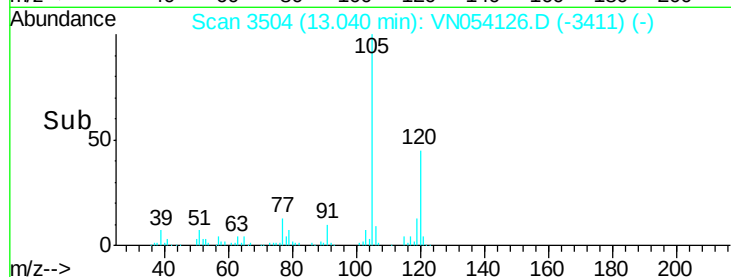
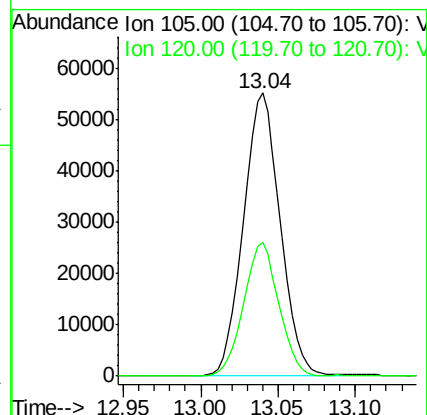
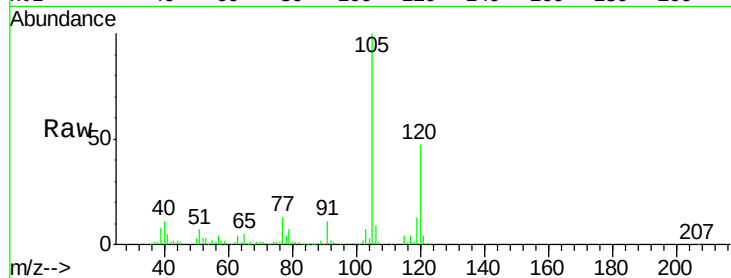




#84
 1,2,4-Trimethylbenzene
 Concen: 3.165 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054126.D
 Acq: 6 Mar 2019 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

Tot Ion:105 Resp: 91285
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7



#95
 Naphthalene
 Concen: 12.945 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN054126.D
 Acq: 6 Mar 2019 19:32

Tgt Ion:128 Resp: 155075
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.4 15.6
 129 12.3 8.6 12.8

