

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030619\
 Data File : VN054127.D
 Acq On : 6 Mar 2019 19:59
 Operator : JC/SP
 Sample : K1755-28
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-4

Quant Time: Mar 07 06:41:42 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	7.67	168	615839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1088839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1066765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	396436	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	376159	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
35) Dibromofluoromethane	7.59	113	351798	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	10.09	98	1376510	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.40	95	474336	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	

Target Compounds

					Qvalue
3) Chloromethane	2.06	50	1238	Below Cal	97
5) Bromomethane	2.58	94	418	Below Cal	# 36
8) Diethyl Ether	3.41	74	896	0.230 ug/l	# 1
11) Tert butyl alcohol	4.77	59	43924	97.618 ug/l	97
13) Acrolein	3.60	56	250	27.568 ug/l	84
16) Acetone	3.82	43	47851	21.006 ug/l	96
17) Carbon Disulfide	4.06	76	3999	Below Cal	# 75
18) Methyl Acetate	4.32	43	172097	32.236 ug/l	100
20) Methylene Chloride	4.55	84	24654	2.154 ug/l	97
25) 2-Butanone	6.85	43	22660	7.477 ug/l	100
31) Cyclohexane	7.66	56	12549	Below Cal	# 1
36) 1,1-Dichloropropene	7.67	75	41315	4.043 ug/l	# 49
37) Ethyl Acetate	6.93	43	1683	0.229 ug/l	# 83
38) Carbon Tetrachloride	7.66	117	52823	5.414 ug/l	# 17
40) Benzene	8.04	78	142742	4.721 ug/l	99
43) Isopropyl Acetate	8.02	43	2321	1.756 ug/l	# 1
48) Methyl methacrylate	9.17	41	5349	0.951 ug/l	# 37
49) 1,4-Dioxane	9.21	88	489	6.049 ug/l	# 22
51) 4-Methyl-2-Pentanone	9.99	43	2658	0.407 ug/l	# 67
52) Toluene	10.16	92	102440	5.719 ug/l	100
67) Ethyl Benzene	11.51	91	18906	0.509 ug/l	98
68) m/p-Xylenes	11.62	106	36499	2.604 ug/l	95
69) o-Xylene	11.95	106	15235	1.129 ug/l	95
70) Styrene	11.96	104	10047	0.469 ug/l	# 82
74) N-amyl acetate	12.03	43	19482	2.332 ug/l	# 43
75) 1,1,2,2-Tetrachloroethane	12.50	83	125	Below Cal	# 25
76) 1,2,3-Trichloropropane	12.40	75	231813	34.312 ug/l	# 100
77) Bromobenzene	12.52	156	144	Below Cal	# 1
80) 1,3,5-Trimethylbenzene	12.73	105	5855	0.228 ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	231813	117.831 ug/l	# 12
84) 1,2,4-Trimethylbenzene	13.04	105	17958	0.706 ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	355	Below Cal	# 60
95) Naphthalene	15.13	128	10427	5.249 ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	293	2.462 ug/l	# 58

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

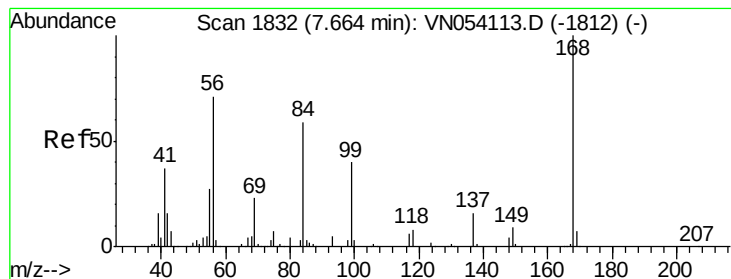
Instrument :
MSVOA_N
ClientSampleId :
COMP-4

Quant Time: Mar 07 06:41:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:25:49 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampled :

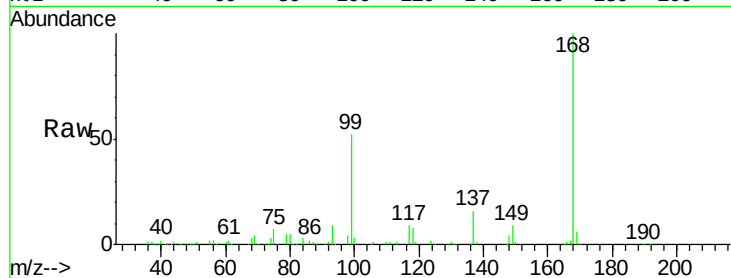
COMP-4

Tgt Ion:168 Resp: 615839

Ion Ratio Lower Upper

168 100

99 52.0 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

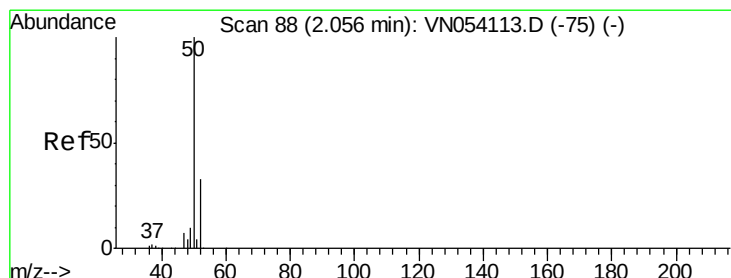
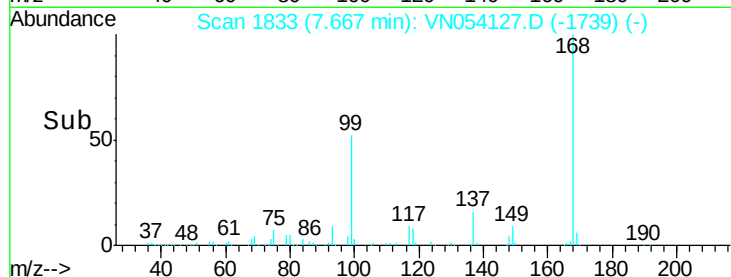
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN054127.D

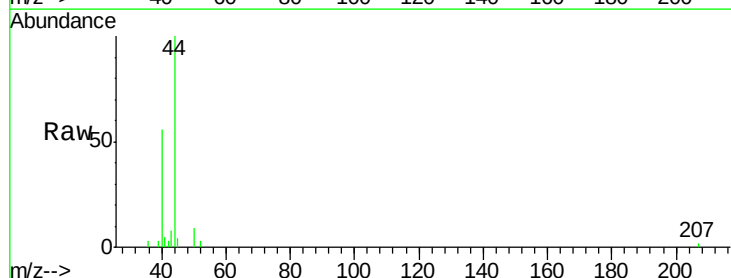
Acq: 6 Mar 2019 19:59

Tgt Ion: 50 Resp: 1238

Ion Ratio Lower Upper

50 100

52 30.8 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

800

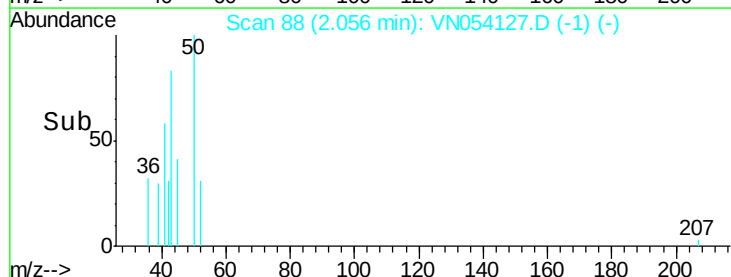
600

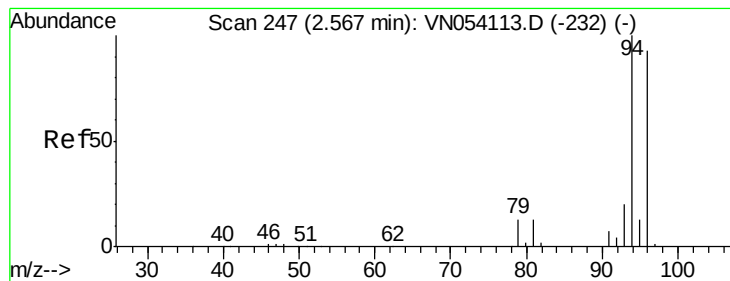
400

200

0

Time--> 2.02 2.04 2.06 2.08 2.10





#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 252

Delta R.T. 0.02 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampled :

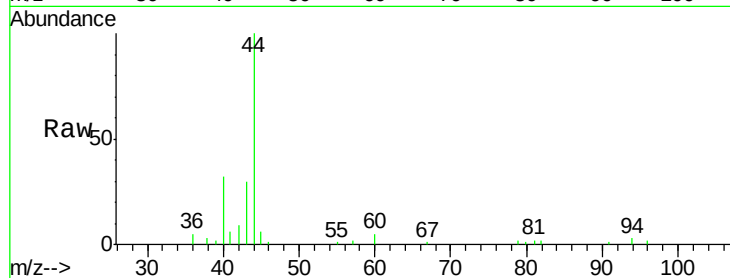
COMP-4

Tgt Ion: 94 Resp: 418

Ion Ratio Lower Upper

94 100

96 31.2 74.2 111.4#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.58

300

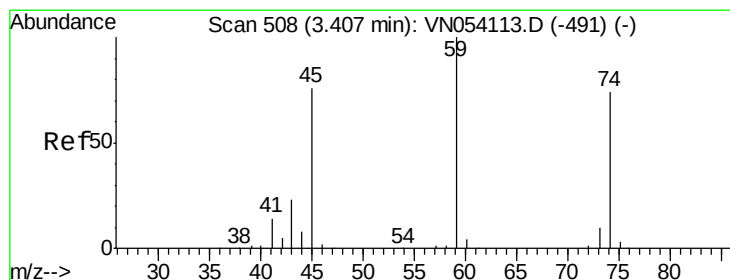
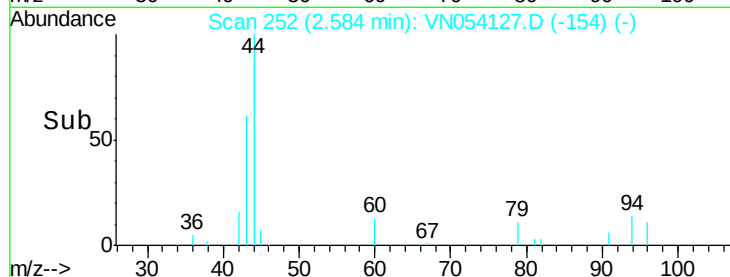
200

100

0

Time-->

2.56 2.58 2.60



#8

Diethyl Ether

Concen: 0.230 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.01 min

Lab File: VN054127.D

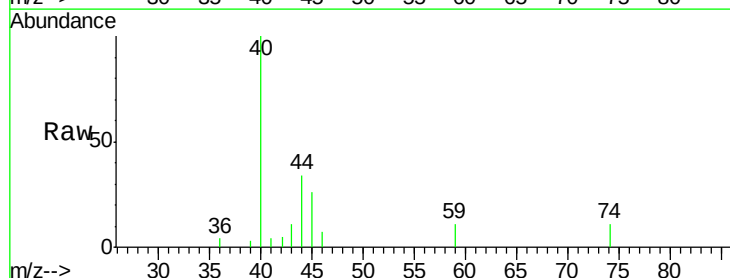
Acq: 6 Mar 2019 19:59

Tgt Ion: 74 Resp: 896

Ion Ratio Lower Upper

74 100

45 0.0 51.7 155.2#



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

2000

1500

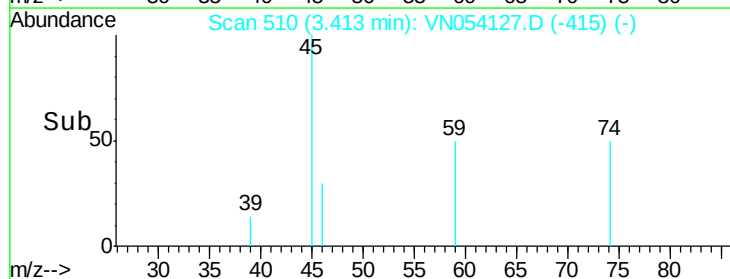
1000

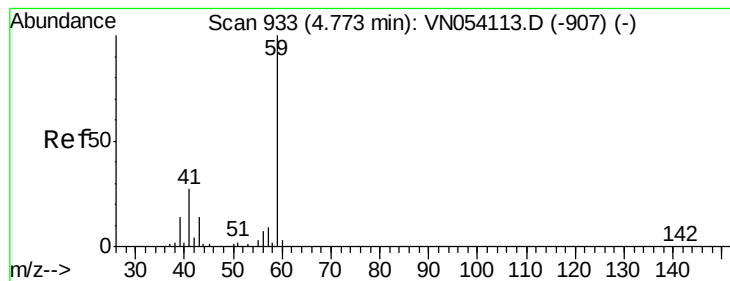
500

0

Time-->

3.40 3.41 3.45



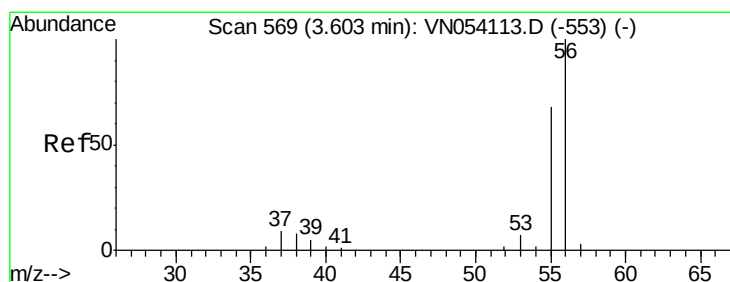
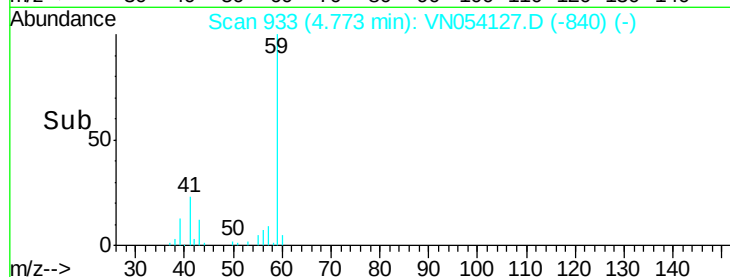
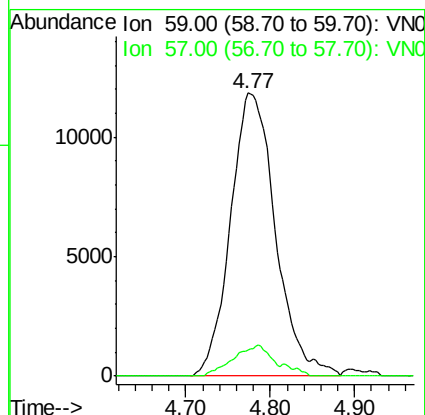
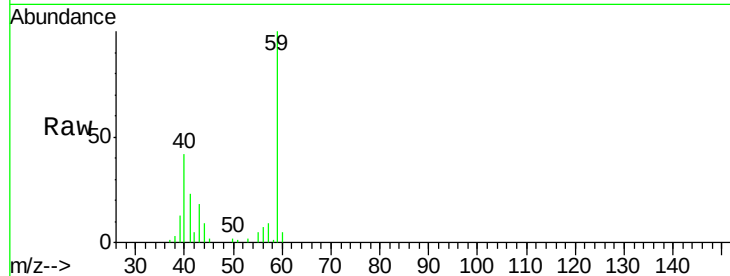


#11

Tert butyl alcohol
 Concen: 97.618 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: VN054127.D
 Acq: 6 Mar 2019 19:59

Instrument :
 MSVOA_N
 ClientSampled :
 COMP-4

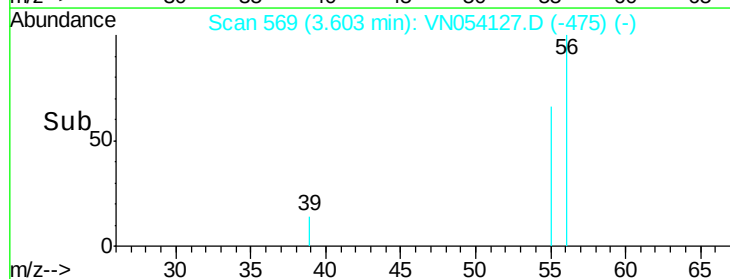
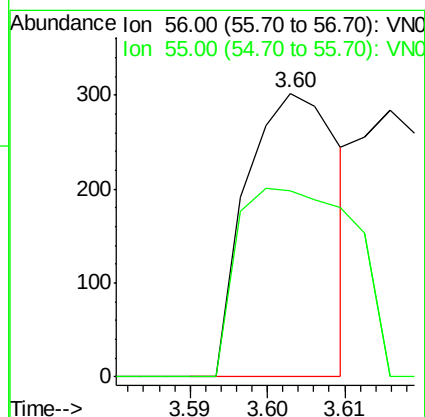
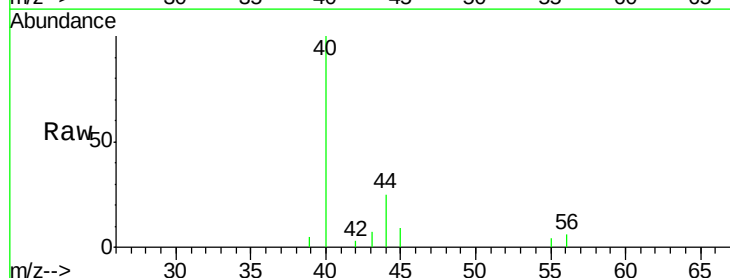
Tgt Ion: 59 Resp: 43924
 Ion Ratio Lower Upper
 59 100
 57 9.1 8.2 12.4

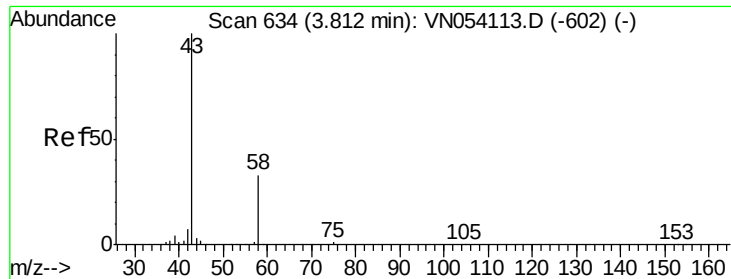


#13

Acrolein
 Concen: 27.568 ug/l
 RT: 3.60 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VN054127.D
 Acq: 6 Mar 2019 19:59

Tgt Ion: 56 Resp: 250
 Ion Ratio Lower Upper
 56 100
 55 84.8 57.1 85.7





#16

Acetone

Concen: 21.006 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampled :

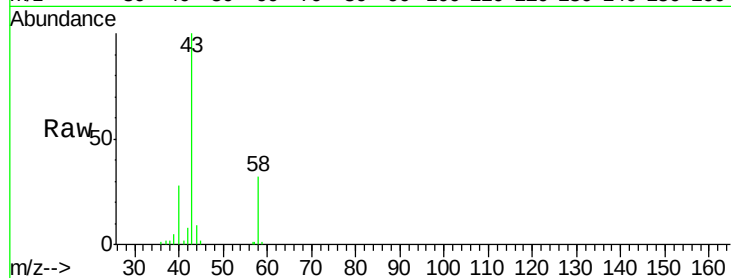
COMP-4

Tgt Ion: 43 Resp: 47851

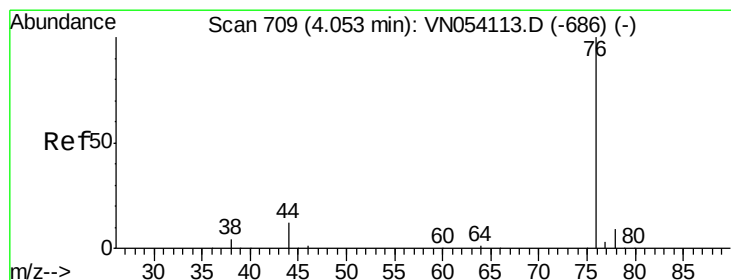
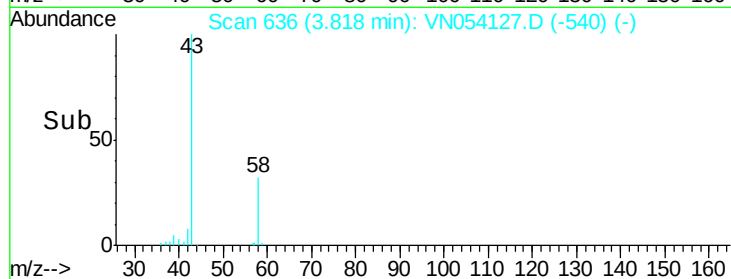
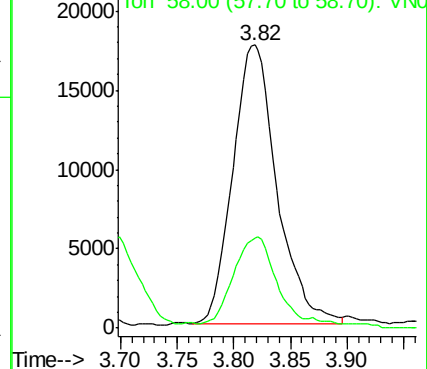
Ion Ratio Lower Upper

43 100

58 30.9 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN054127.D (-540) (-)



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.06 min Scan# 711

Delta R.T. 0.01 min

Lab File: VN054127.D

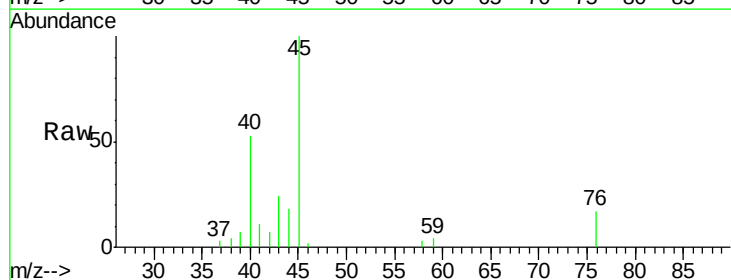
Acq: 6 Mar 2019 19:59

Tgt Ion: 76 Resp: 3999

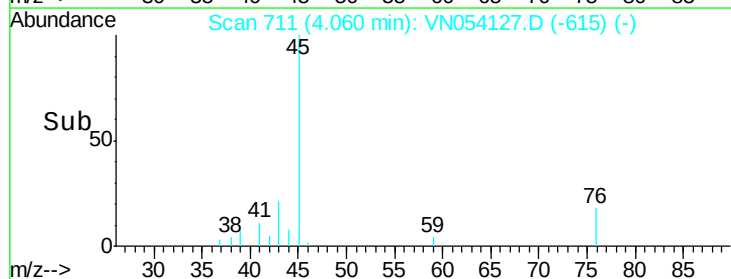
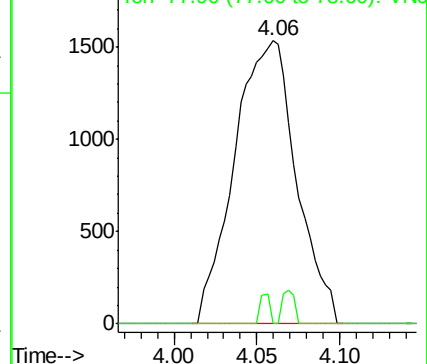
Ion Ratio Lower Upper

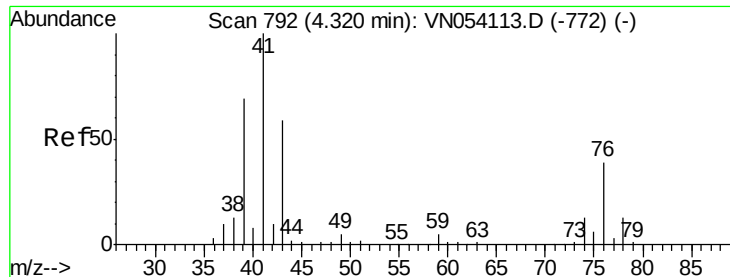
76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN054127.D (-615) (-)

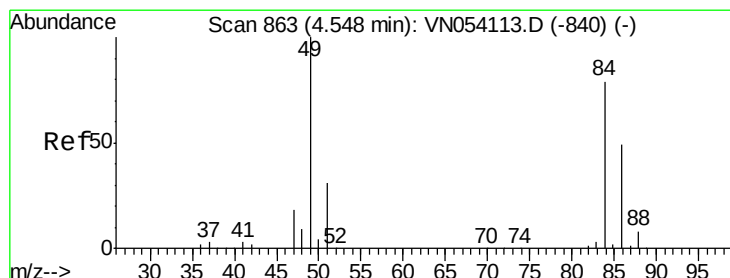
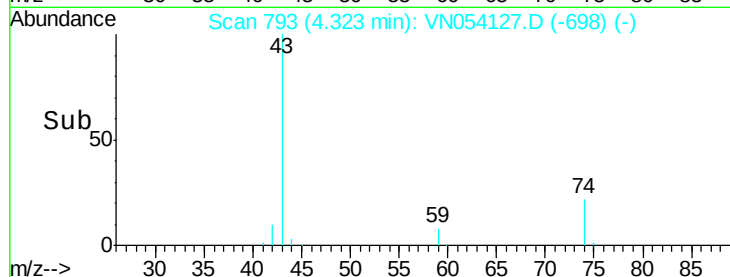
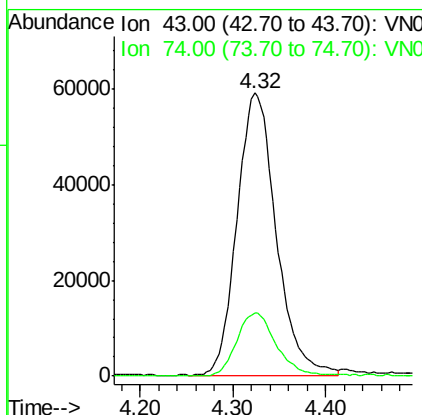
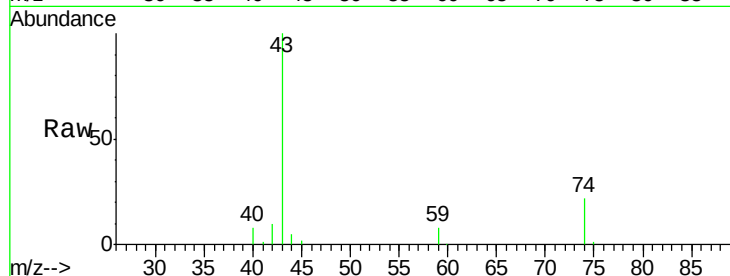




#18
Methyl Acetate
Concen: 32.236 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN054127.D
Acq: 6 Mar 2019 19:59

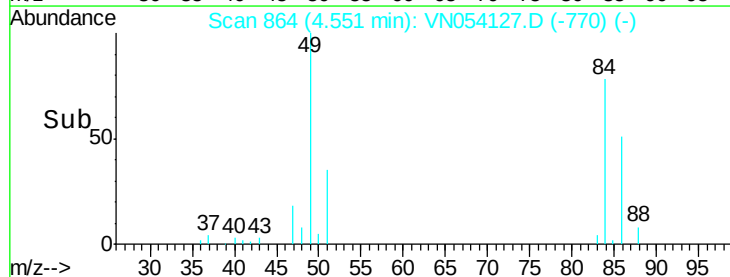
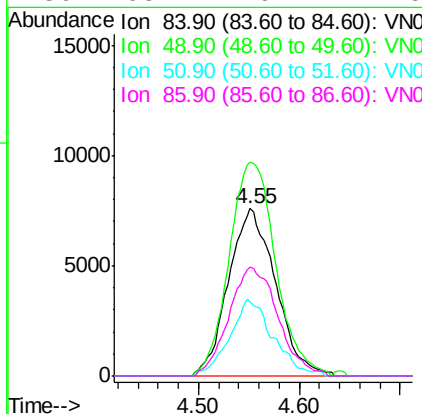
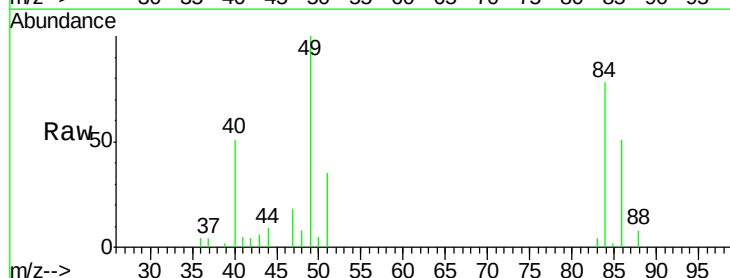
Instrument :
MSVOA_N
ClientSampleId :
COMP-4

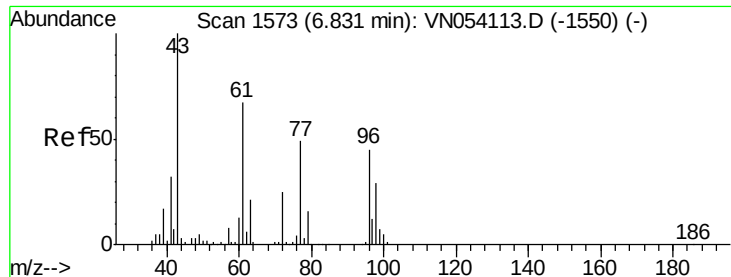
Tgt Ion: 43 Resp: 172097
Ion Ratio Lower Upper
43 100
74 22.6 18.2 27.2



#20
Methylene Chloride
Concen: 2.154 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054127.D
Acq: 6 Mar 2019 19:59

Tgt Ion: 84 Resp: 24654
Ion Ratio Lower Upper
84 100
49 127.7 101.8 152.8
51 44.5 31.1 46.7
86 65.2 49.7 74.5





#25

2-Butanone

Concen: 7.477 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.02 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampled :

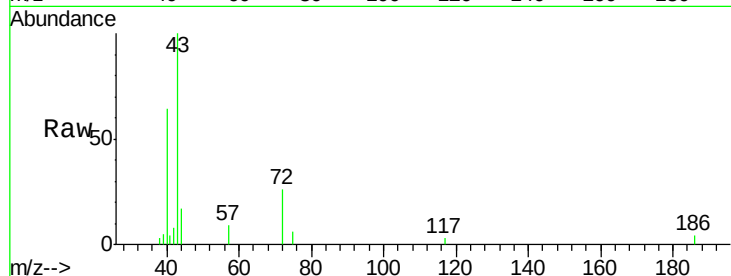
COMP-4

Tgt Ion: 43 Resp: 22660

Ion Ratio Lower Upper

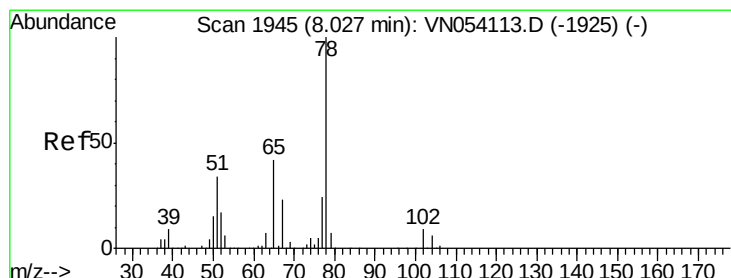
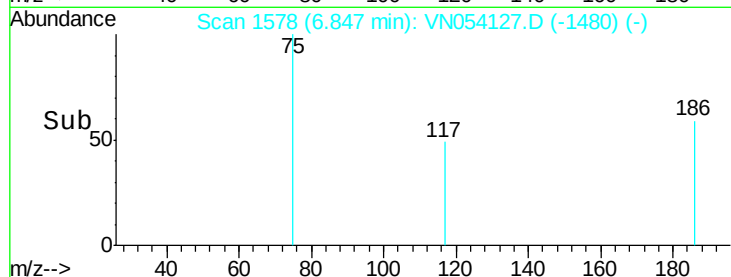
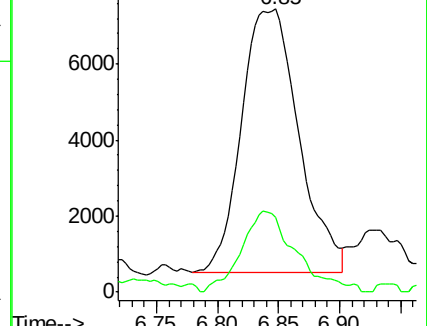
43 100

72 25.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.860 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054127.D

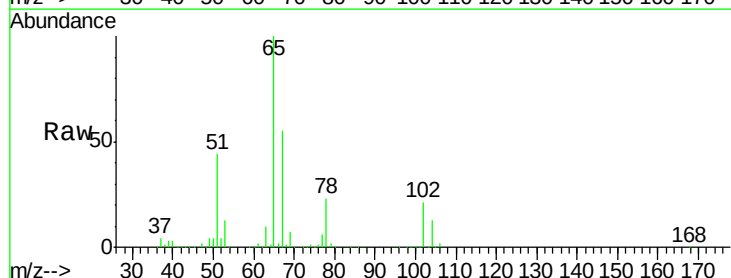
Acq: 6 Mar 2019 19:59

Tgt Ion: 65 Resp: 376159

Ion Ratio Lower Upper

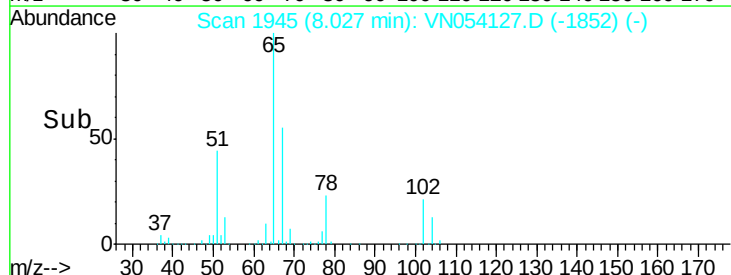
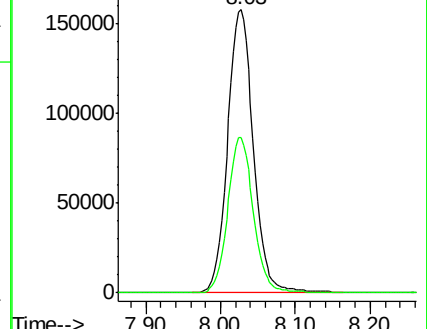
65 100

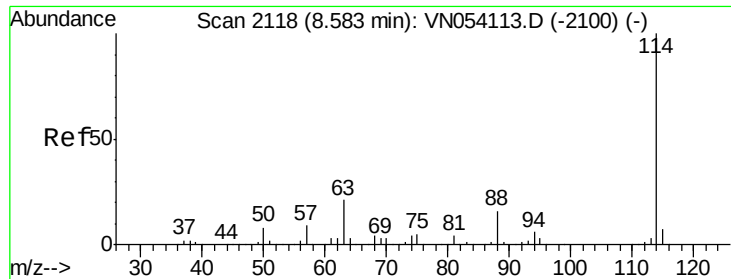
67 54.5 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

COMP-4

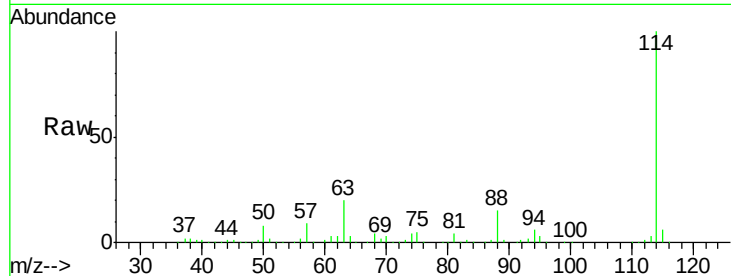
Tgt Ion:114 Resp: 1088839

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

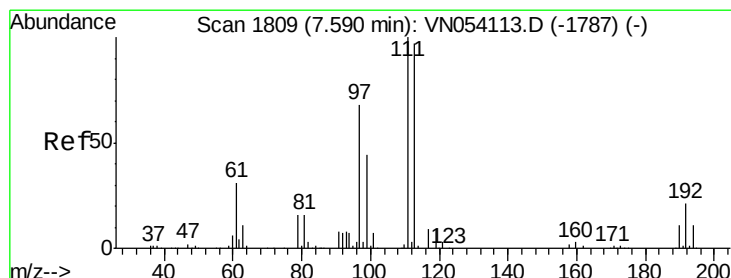
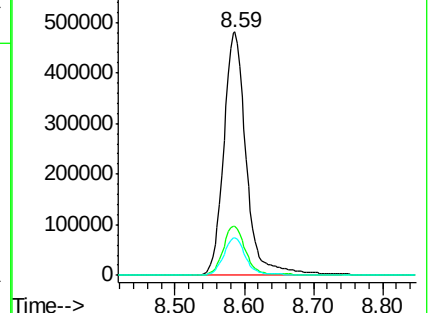
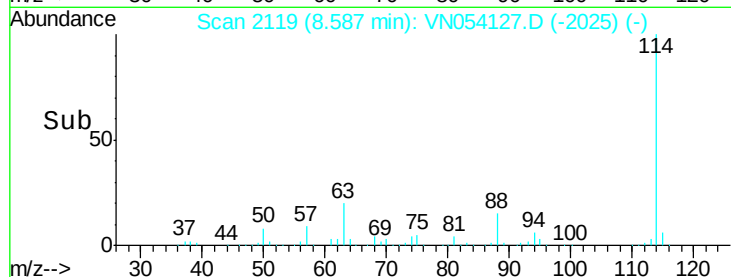
88 15.5 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.747 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

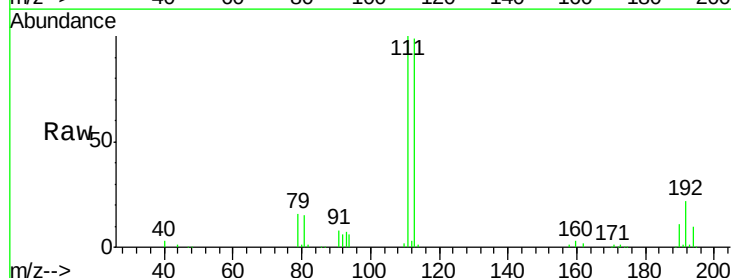
Tgt Ion:113 Resp: 351798

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

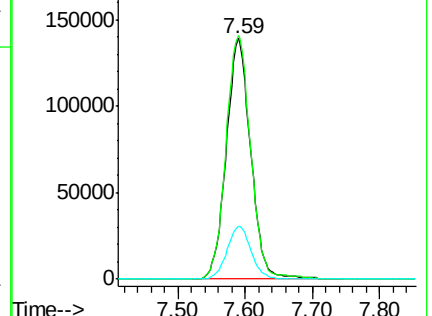
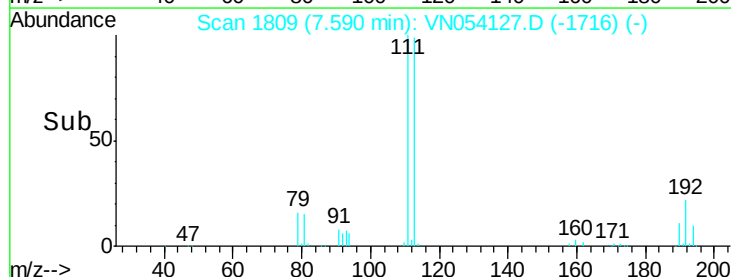
192 21.6 17.4 26.0

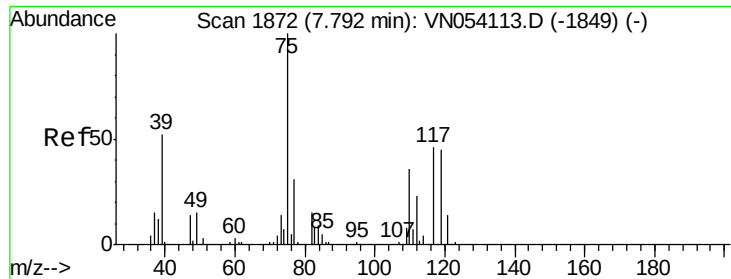


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

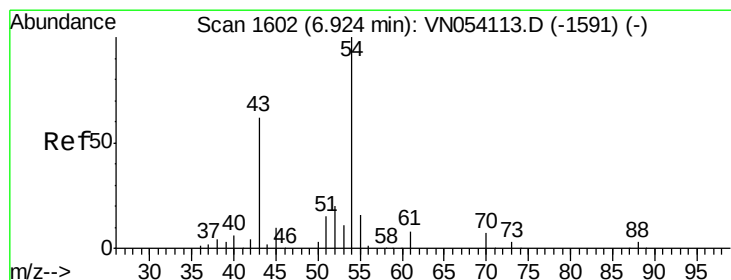
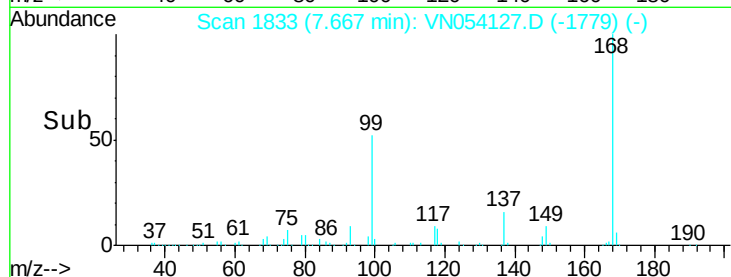
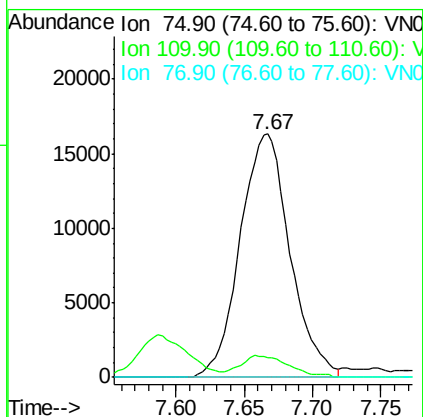
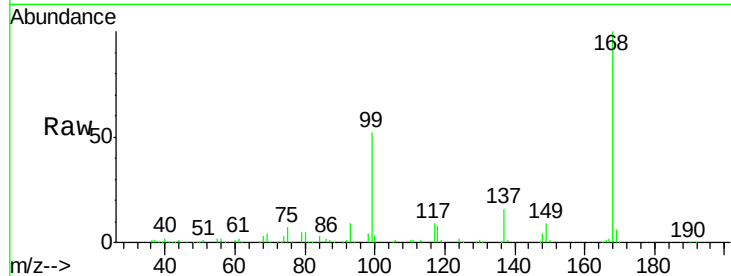




#36
 1,1-Dichloropropene
 Concen: 4.043 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN054127.D
 Acq: 6 Mar 2019 19:59

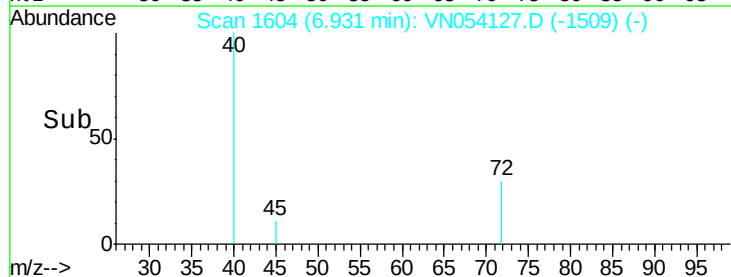
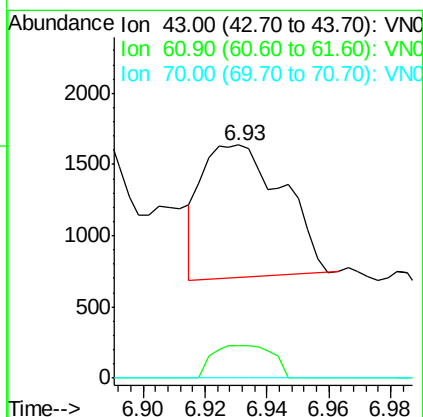
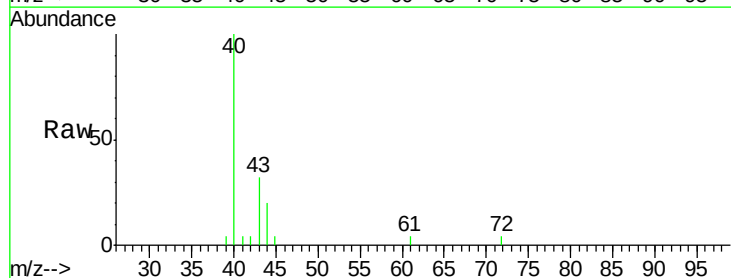
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-4

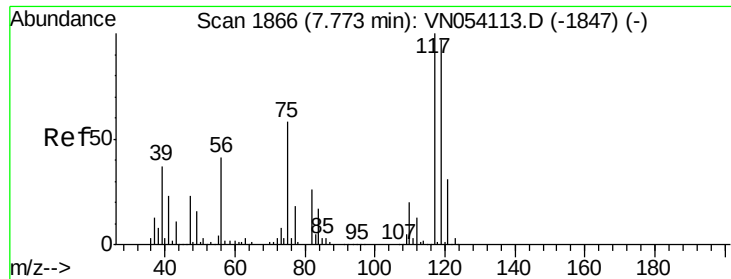
Tgt Ion: 75 Resp: 41315
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.0 54.0#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 0.229 ug/l
 RT: 6.93 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: VN054127.D
 Acq: 6 Mar 2019 19:59

Tgt Ion: 43 Resp: 1683
 Ion Ratio Lower Upper
 43 100
 61 18.5 11.1 16.7#
 70 0.0 7.6 11.4#





#38

Carbon Tetrachloride

Concen: 5.414 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampled :

COMP-4

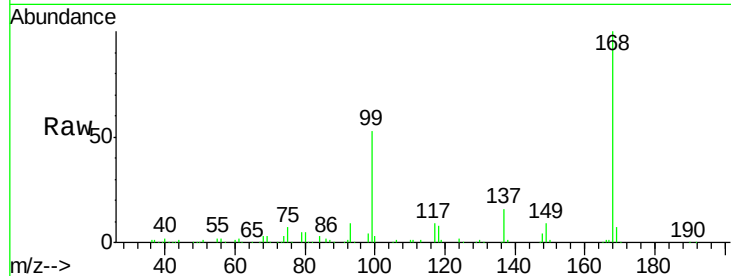
Tgt Ion:117 Resp: 52823

Ion Ratio Lower Upper

117 100

119 6.3 77.0 115.6#

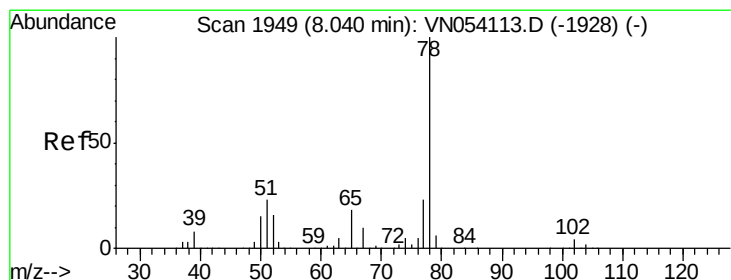
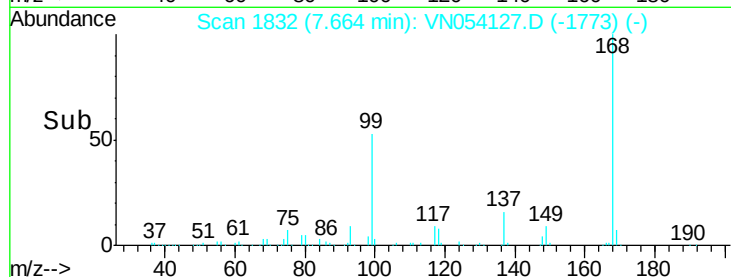
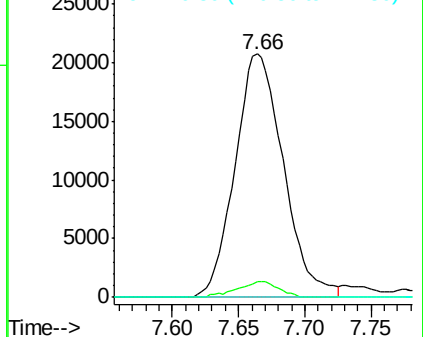
121 0.0 24.3 36.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 4.721 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN054127.D

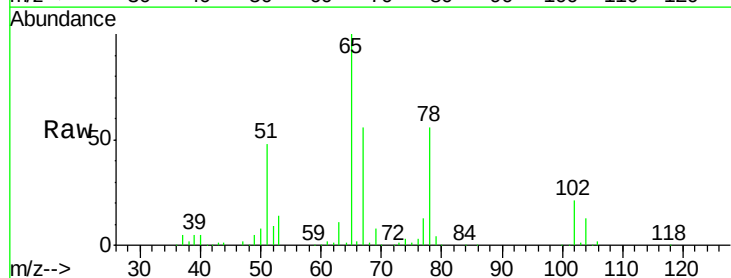
Acq: 6 Mar 2019 19:59

Tgt Ion: 78 Resp: 142742

Ion Ratio Lower Upper

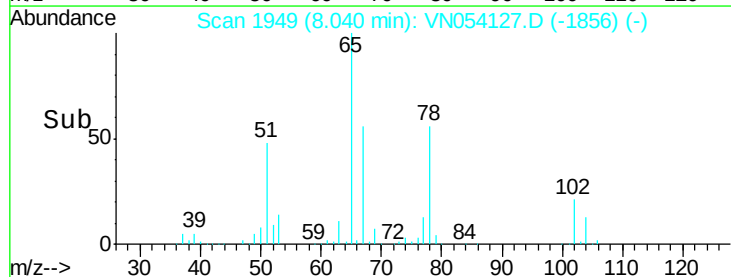
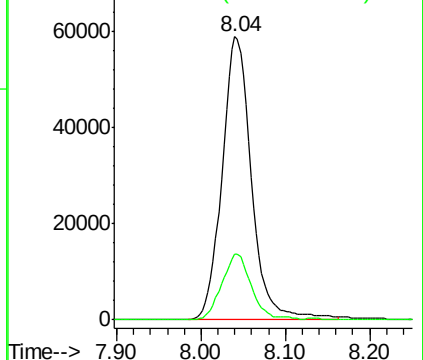
78 100

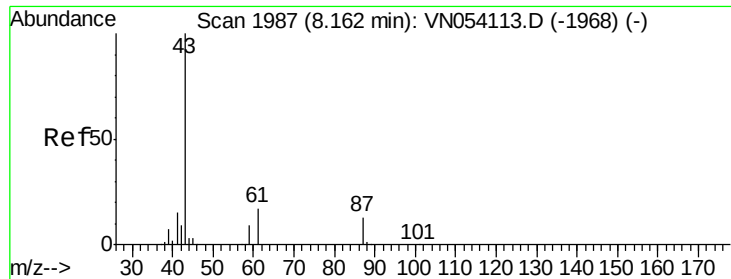
77 23.1 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V





#43

Isopropyl Acetate

Concen: 1.756 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. -0.14 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

COMP-4

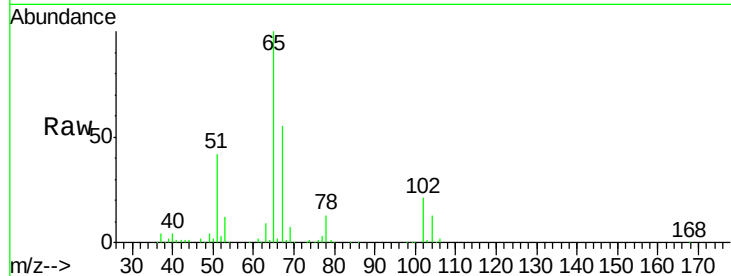
Tgt Ion: 43 Resp: 2321

Ion Ratio Lower Upper

43 100

61 316.1 22.5 33.7#

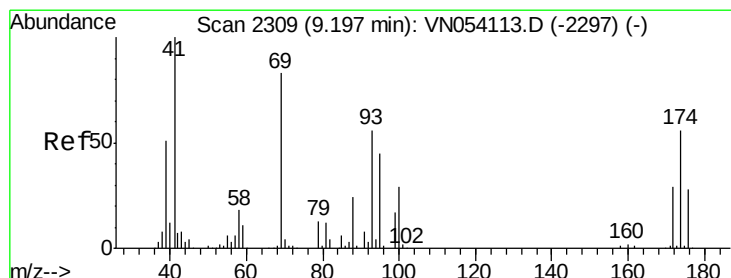
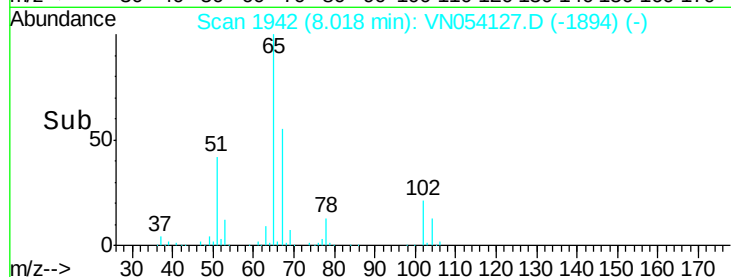
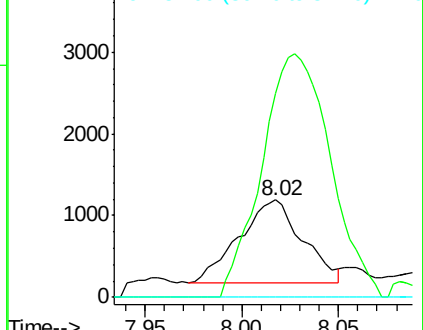
87 0.0 10.1 15.1#



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



#48

Methyl methacrylate

Concen: 0.951 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.03 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

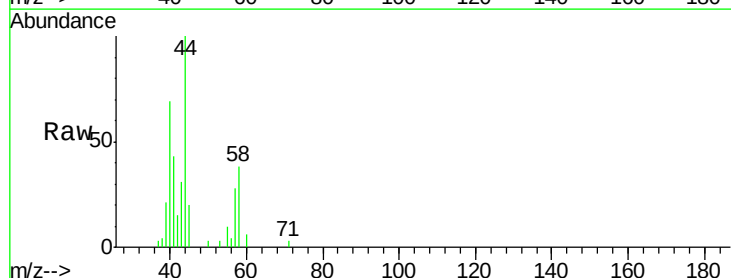
Tgt Ion: 41 Resp: 5349

Ion Ratio Lower Upper

41 100

69 0.0 71.0 106.4#

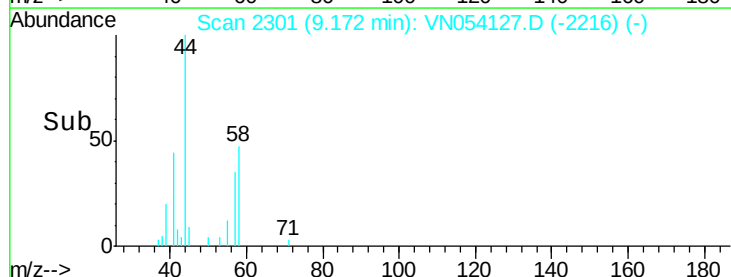
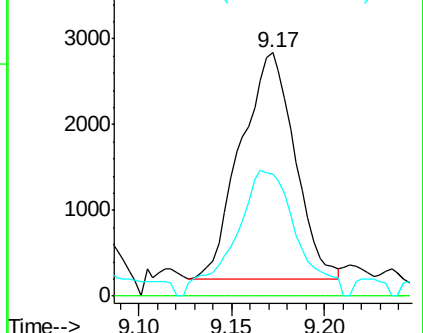
39 62.8 43.7 65.5

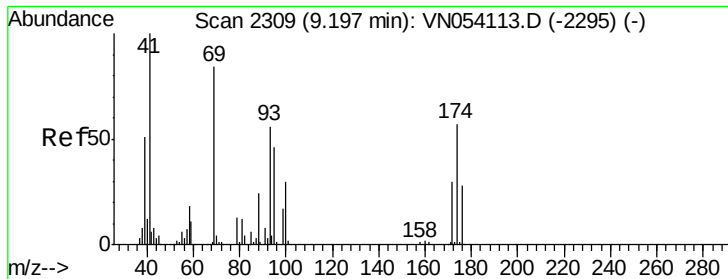


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

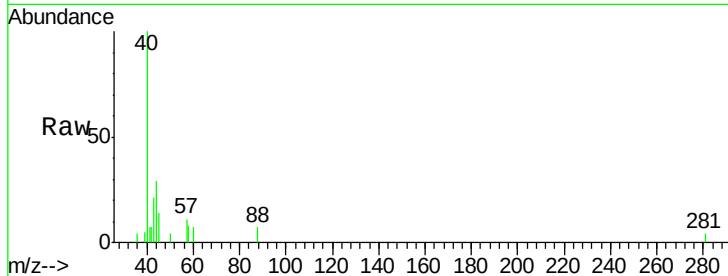




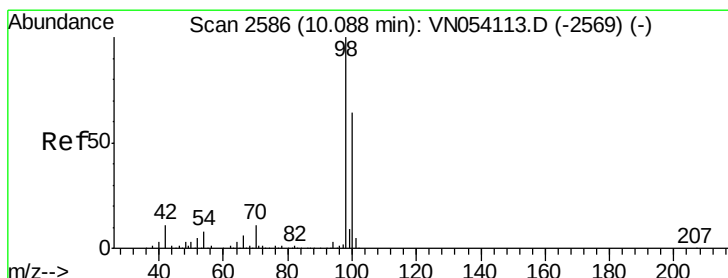
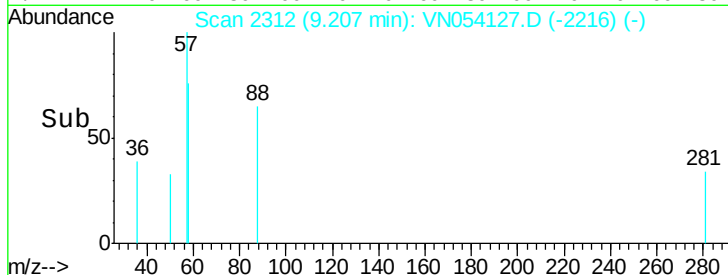
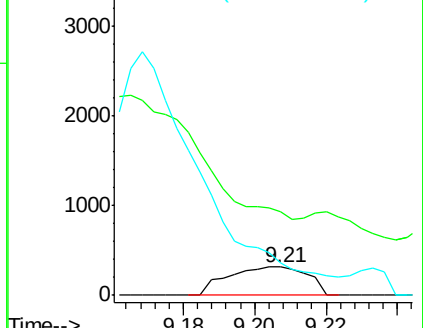
#49
 1,4-Dioxane
 Concen: 6.049 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.01 min
 Lab File: VN054127.D
 Acq: 6 Mar 2019 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-4

Tgt Ion: 88 Resp: 489
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.5 38.3#
 58 0.0 58.3 87.5#

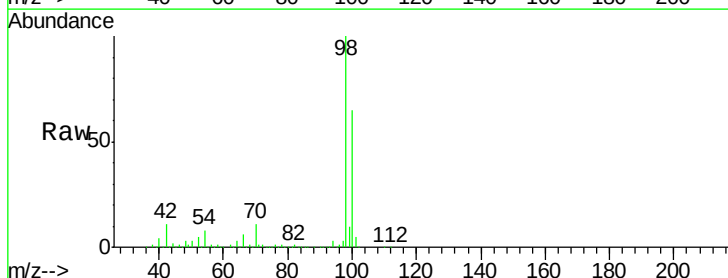


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

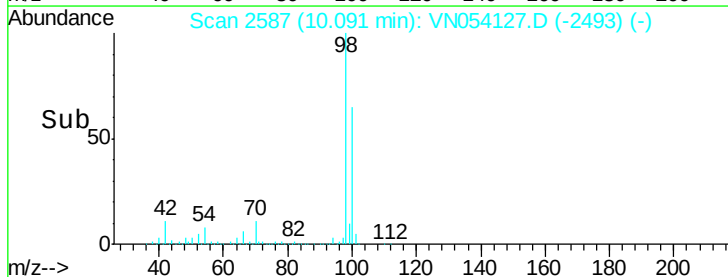
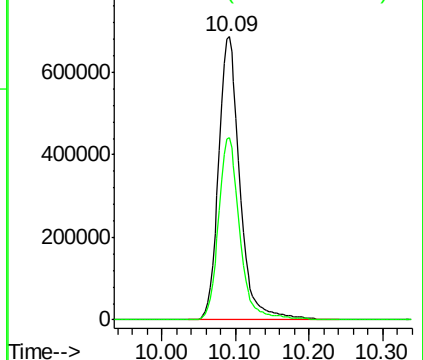


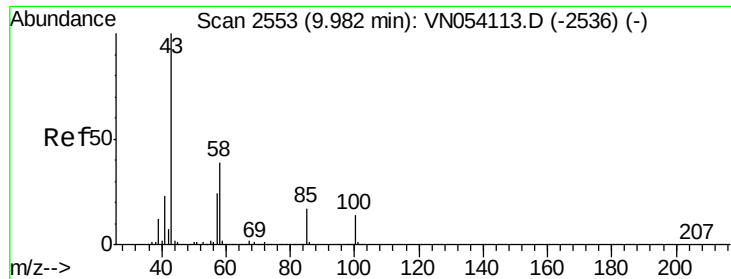
#50
 Toluene-d8
 Concen: 51.258 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN054127.D
 Acq: 6 Mar 2019 19:59

Tgt Ion: 98 Resp: 1376510
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.7 77.5



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

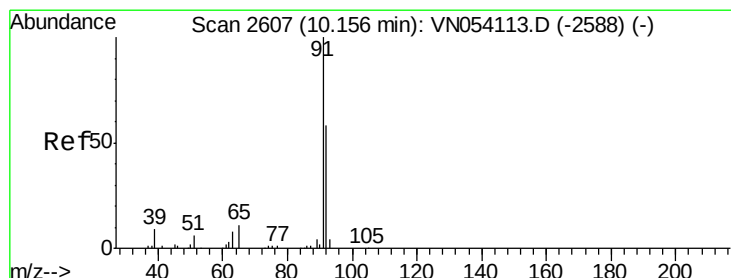
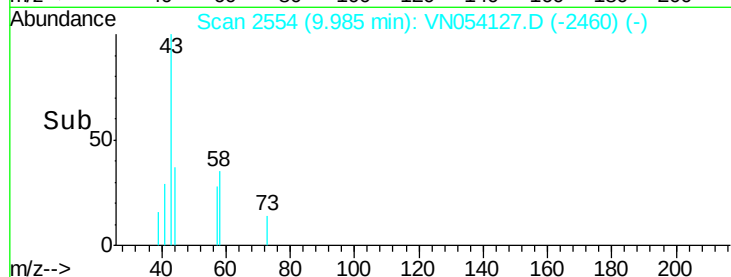
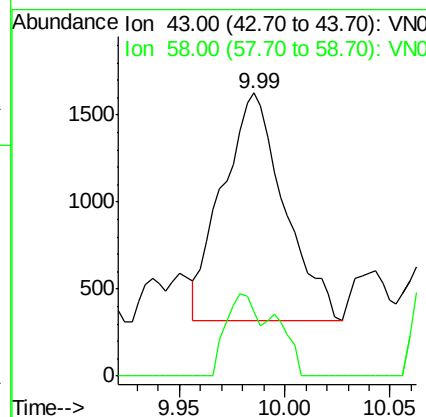
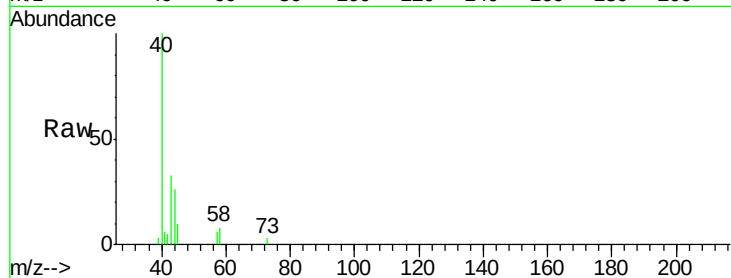




#51
 4-Methyl-2-Pentanone
 Concen: 0.407 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN054127.D
 Acq: 6 Mar 2019 19:59

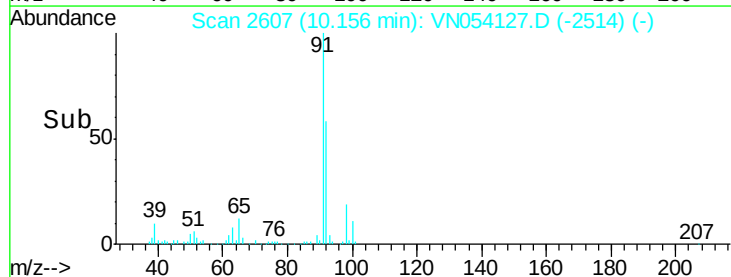
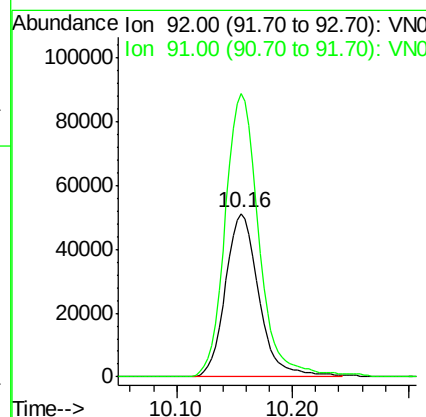
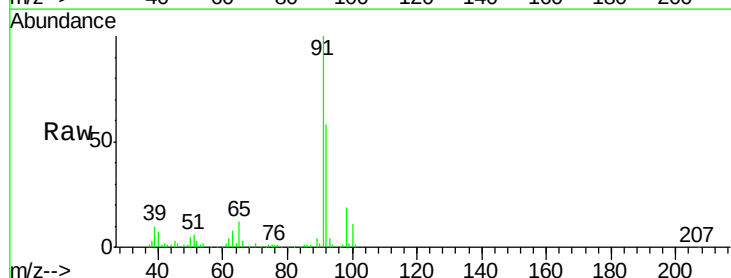
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-4

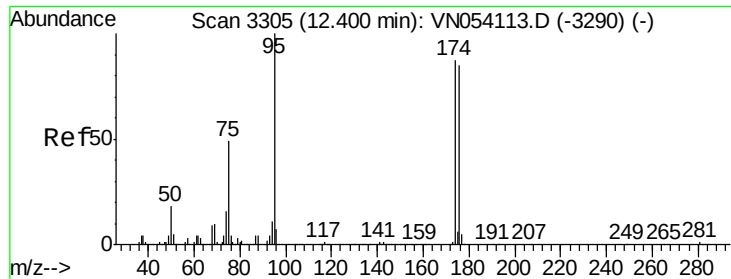
Tgt Ion: 43 Resp: 2658
 Ion Ratio Lower Upper
 43 100
 58 18.3 30.8 46.2#



#52
 Toluene
 Concen: 5.719 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN054127.D
 Acq: 6 Mar 2019 19:59

Tgt Ion: 92 Resp: 102440
 Ion Ratio Lower Upper
 92 100
 91 173.2 139.0 208.6





#62

4-Bromofluorobenzene

Concen: 54.253 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampled :

COMP-4

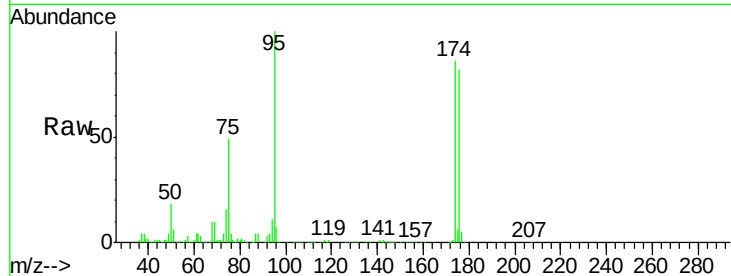
Tgt Ion: 95 Resp: 474336

Ion Ratio Lower Upper

95 100

174 87.4 0.0 173.2

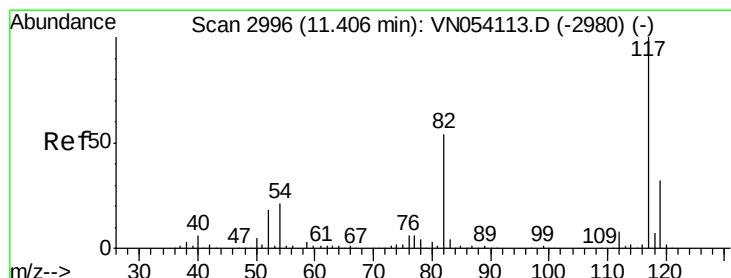
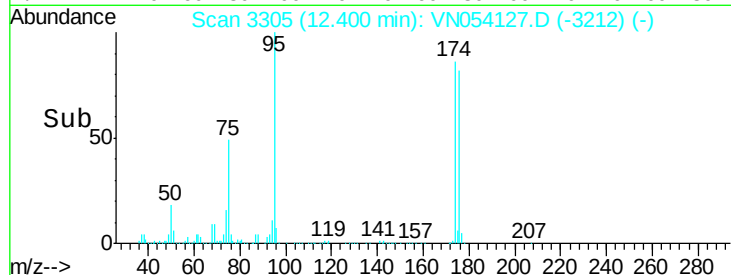
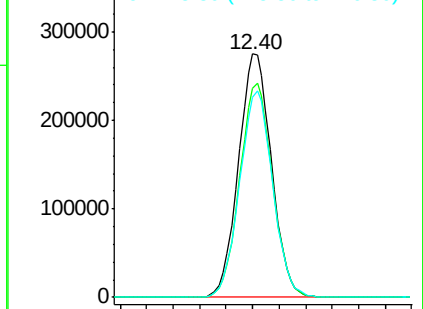
176 84.9 0.0 168.8



Abundance Ion 94.90 (94.60 to 95.60): VN054127.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054127.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054127.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

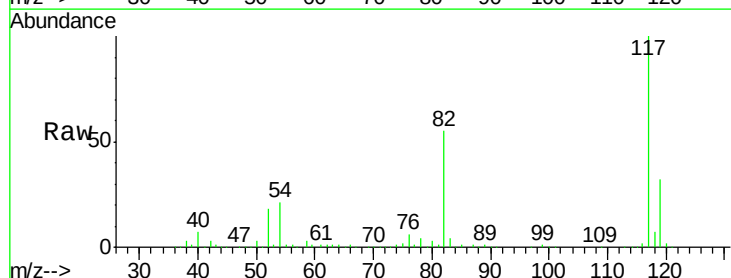
Tgt Ion: 117 Resp: 1066765

Ion Ratio Lower Upper

117 100

82 55.5 43.4 65.2

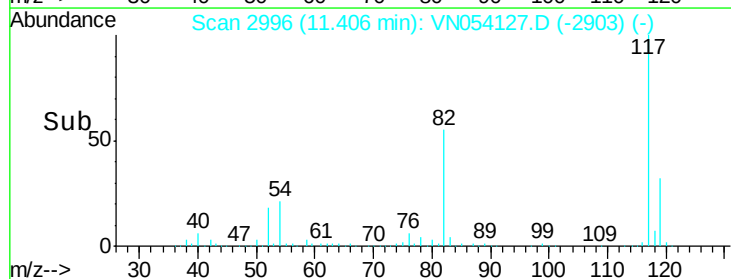
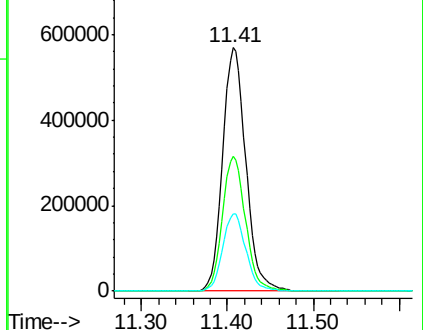
119 31.9 26.0 39.0

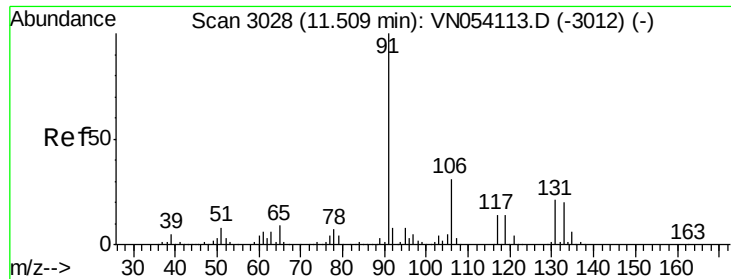


Abundance Ion 116.90 (116.60 to 117.60): VN054127.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054127.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054127.D (-2903) (-)

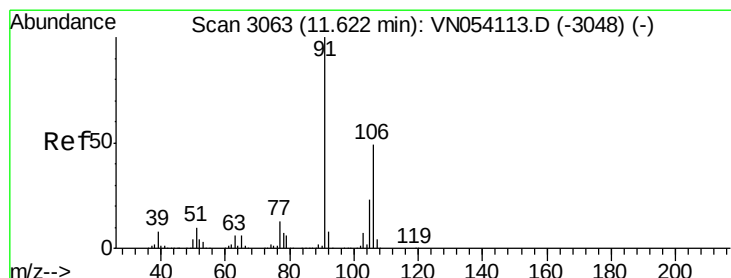
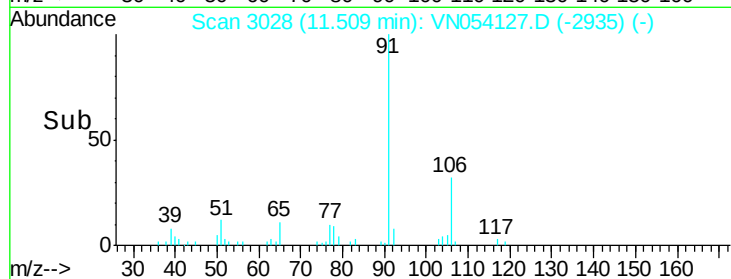
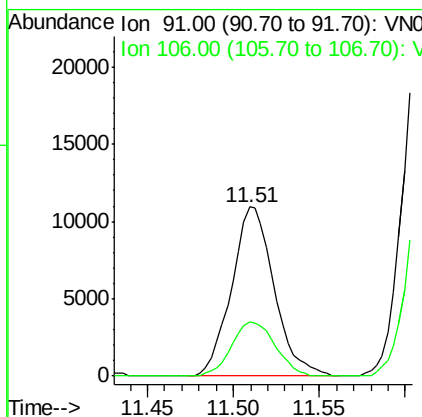
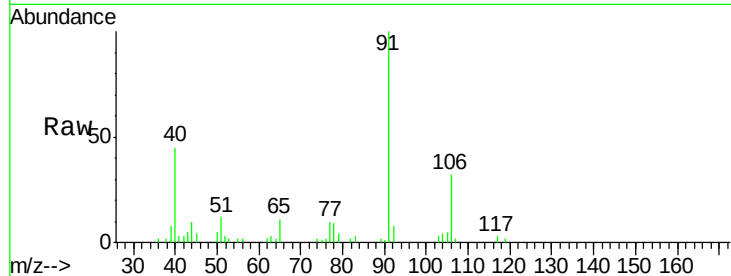




#67
Ethyl Benzene
Concen: 0.509 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054127.D
Acq: 6 Mar 2019 19:59

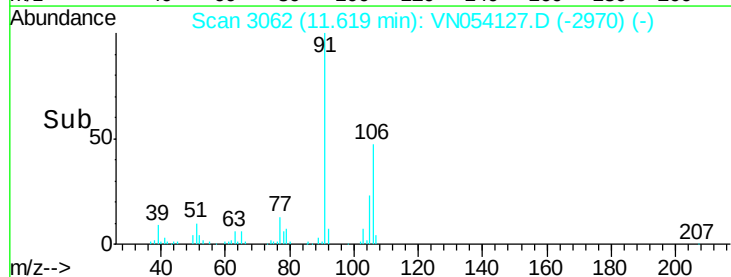
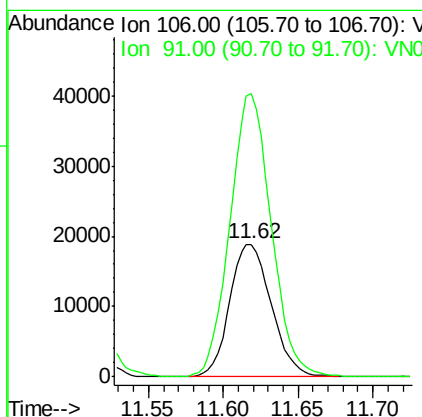
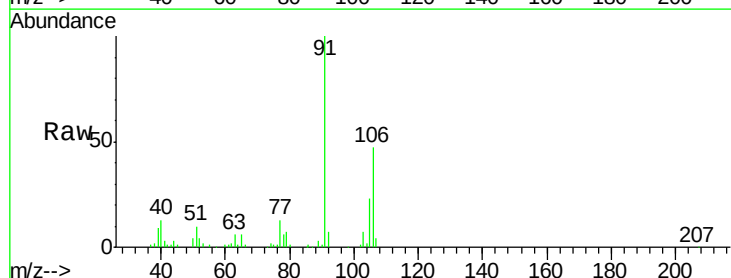
Instrument :
MSVOA_N
ClientSampled :
COMP-4

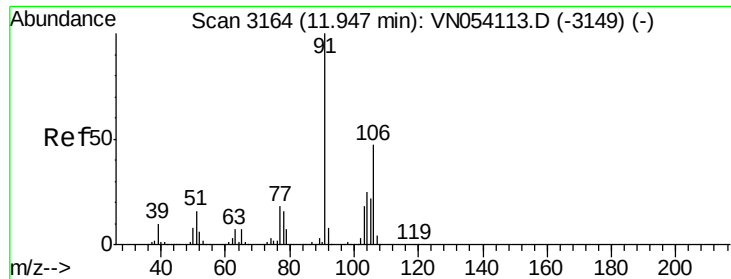
Tgt Ion: 91 Resp: 18906
Ion Ratio Lower Upper
91 100
106 31.9 24.6 36.8



#68
m/p-Xylenes
Concen: 2.604 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054127.D
Acq: 6 Mar 2019 19:59

Tgt Ion: 106 Resp: 36499
Ion Ratio Lower Upper
106 100
91 211.9 163.2 244.8

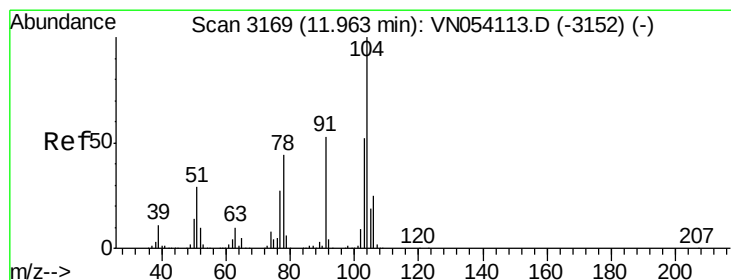
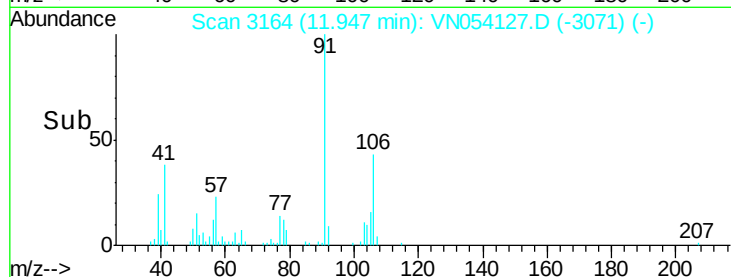
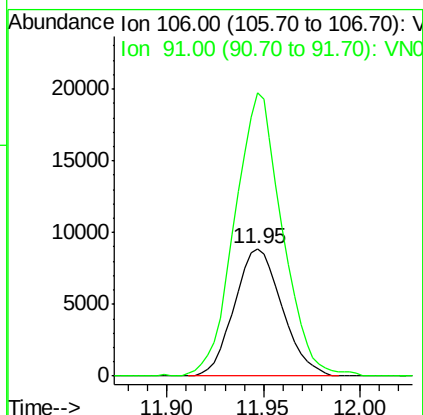
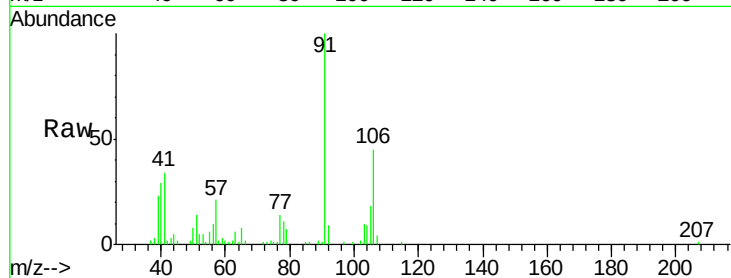




#69
o-Xylene
Concen: 1.129 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054127.D
Acq: 6 Mar 2019 19:59

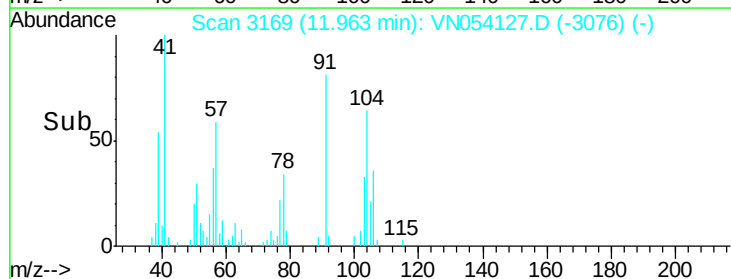
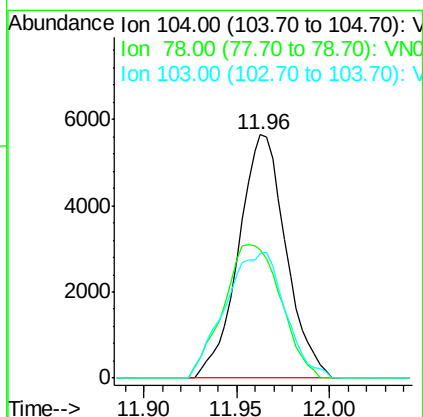
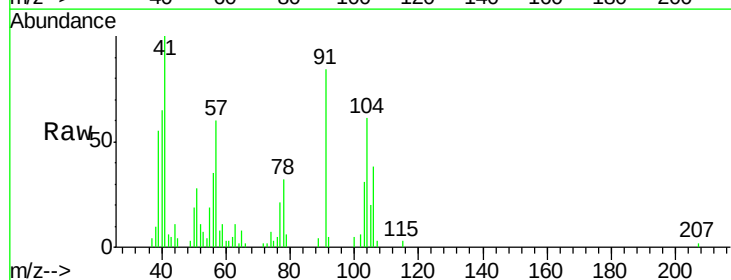
Instrument :
MSVOA_N
ClientSampled :
COMP-4

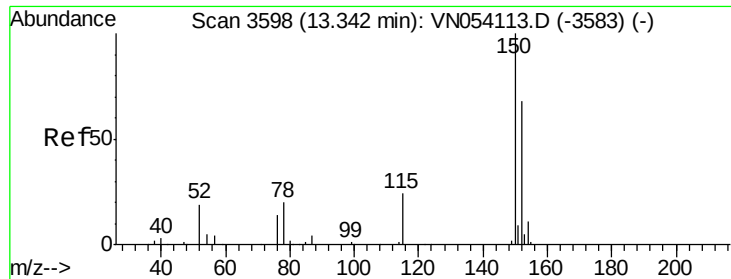
Tgt Ion:106 Resp: 15235
Ion Ratio Lower Upper
106 100
91 221.5 107.1 321.3



#70
Styrene
Concen: 0.469 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054127.D
Acq: 6 Mar 2019 19:59

Tgt Ion:104 Resp: 10047
Ion Ratio Lower Upper
104 100
78 66.2 39.4 59.0#
103 65.2 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: VN054127.D

Acq: 6 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

COMP-4

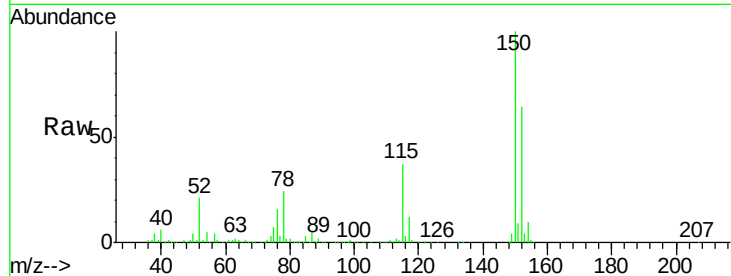
Tgt Ion:152 Resp: 396436

Ion Ratio Lower Upper

152 100

115 57.1 28.5 85.6

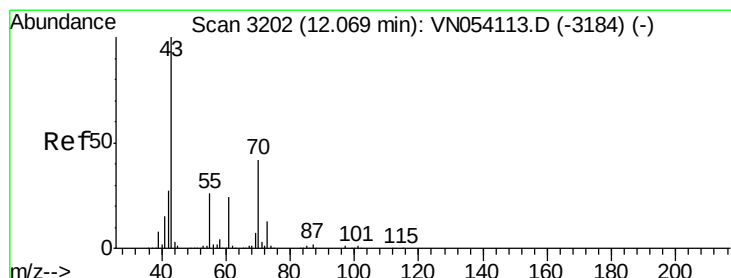
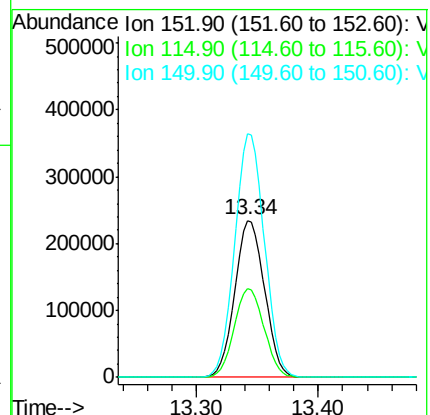
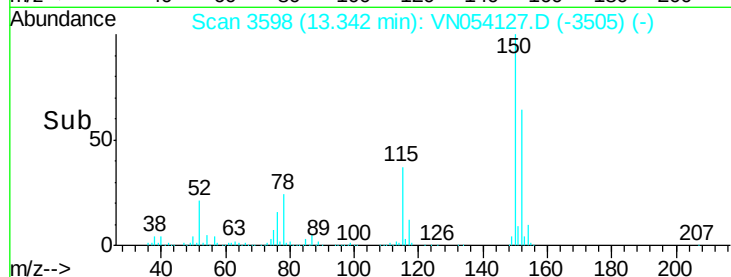
150 155.6 0.0 343.2



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



#74

N-ethyl acetate

Concen: 2.332 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

Tgt Ion: 43 Resp: 19482

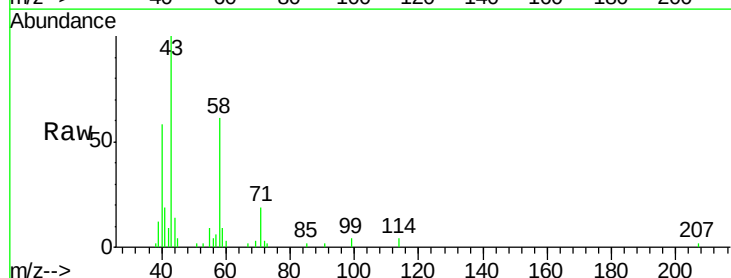
Ion Ratio Lower Upper

43 100

70 0.8 33.6 50.4#

55 0.0 20.6 31.0#

61 0.0 19.4 29.2#

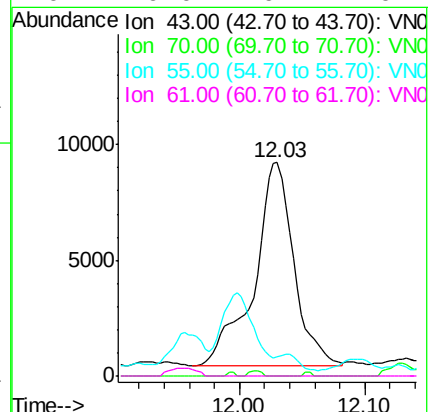
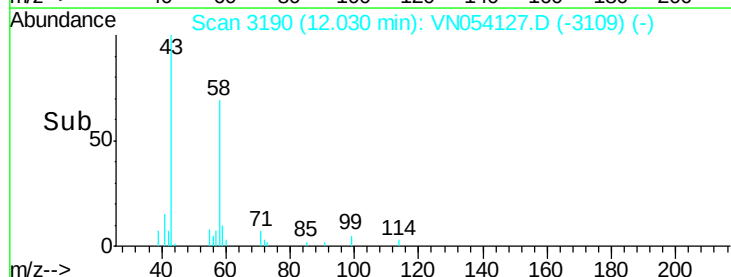


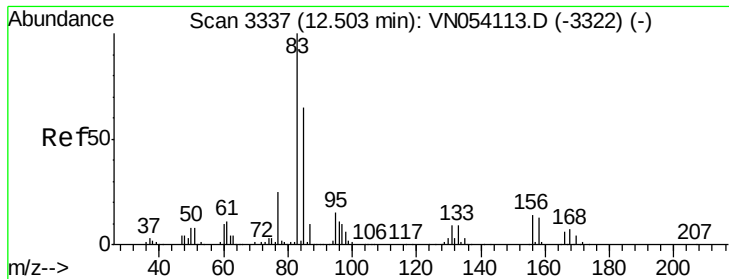
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

COMP-4

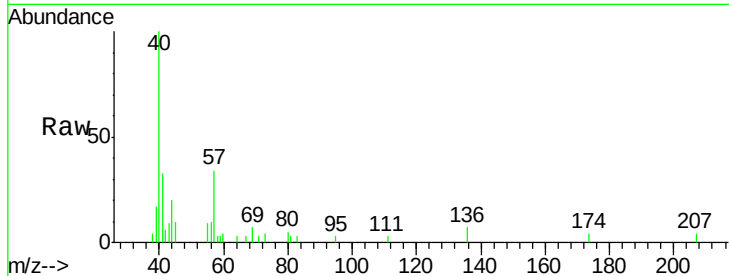
Tgt Ion: 83 Resp: 125

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

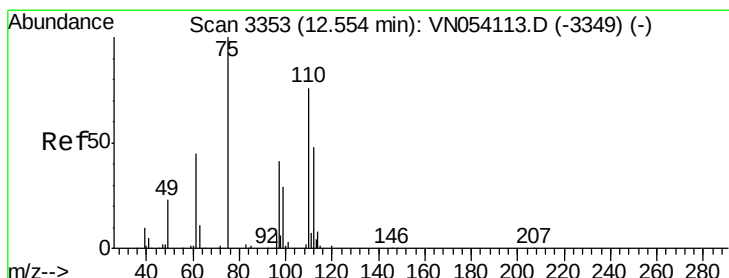
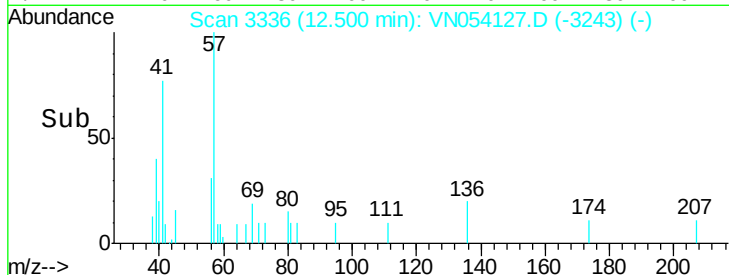
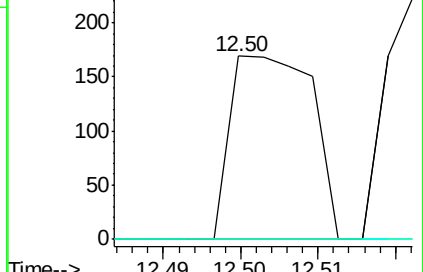
85 0.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 34.312 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054127.D

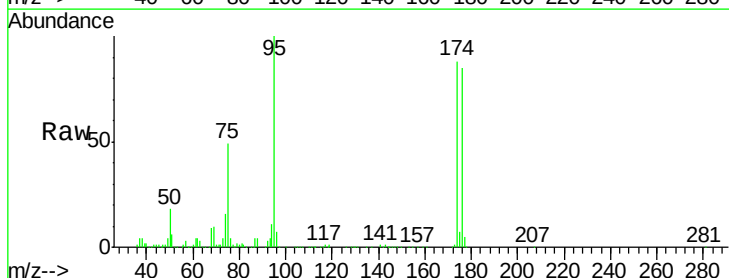
Acq: 6 Mar 2019 19:59

Tgt Ion: 75 Resp: 231813

Ion Ratio Lower Upper

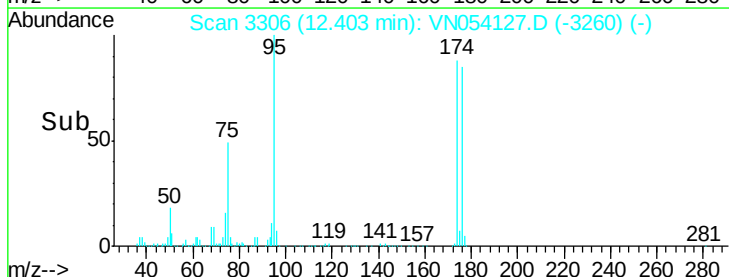
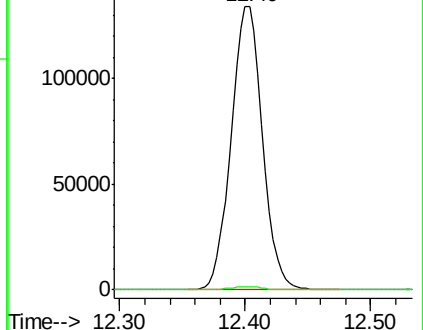
75 100

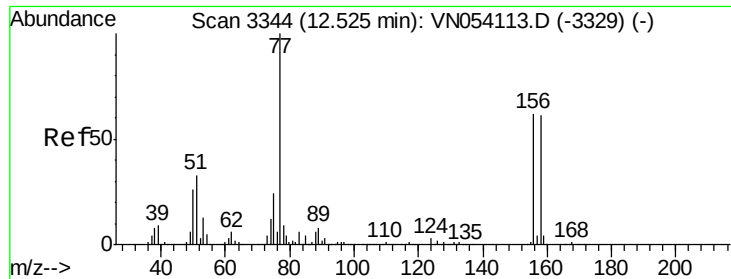
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3342

Delta R.T. -0.01 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampled :

COMP-4

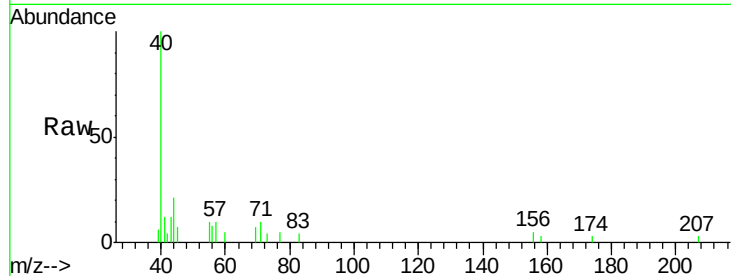
Tgt Ion:156 Resp: 144

Ion Ratio Lower Upper

156 100

77 0.0 93.6 280.8#

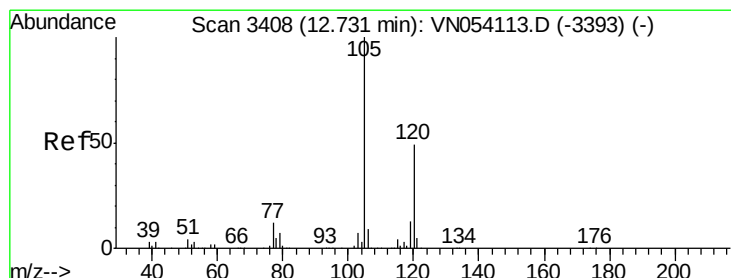
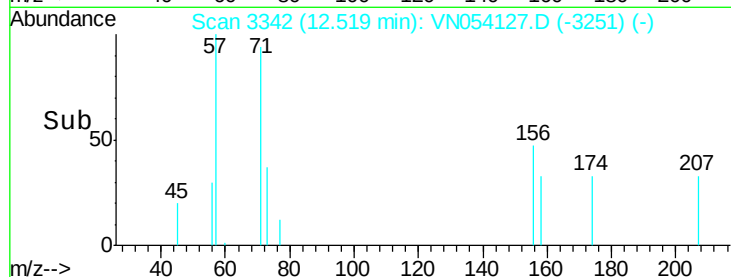
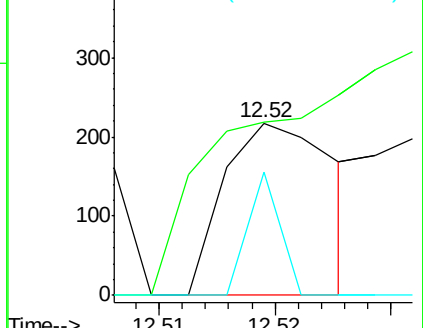
158 20.8 48.4 145.0#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.228 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054127.D

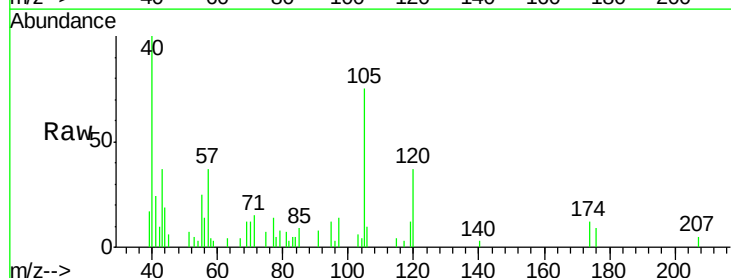
Acq: 6 Mar 2019 19:59

Tgt Ion:105 Resp: 5855

Ion Ratio Lower Upper

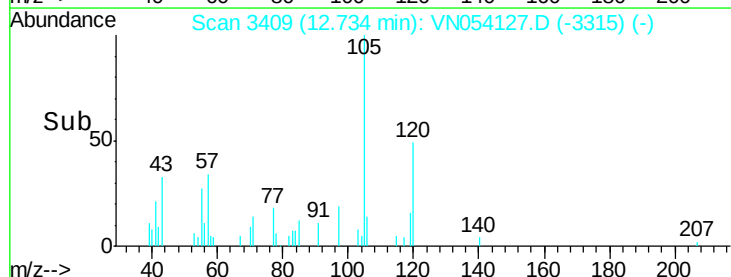
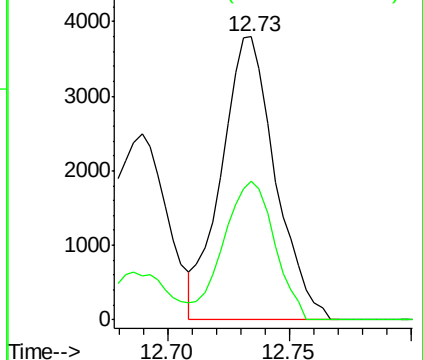
105 100

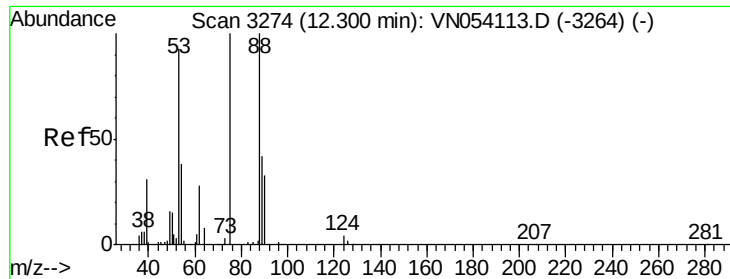
120 46.2 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 117.831 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

Instrument :

MSVOA_N

ClientSampled :

COMP-4

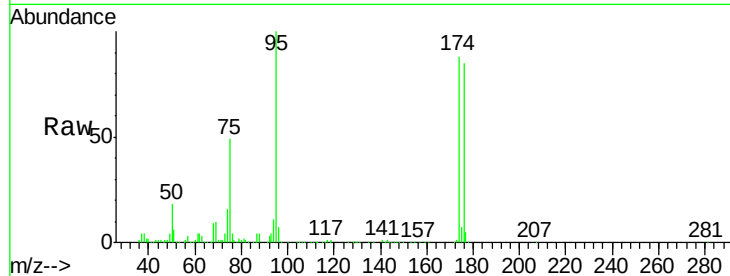
Tgt Ion: 75 Resp: 231813

Ion Ratio Lower Upper

75 100

53 0.2 76.4 114.6#

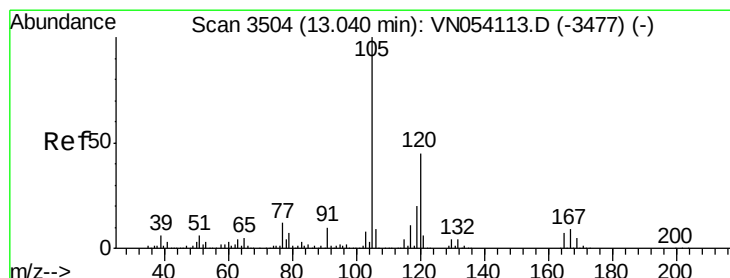
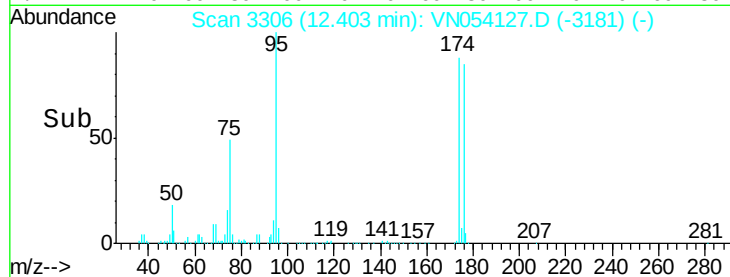
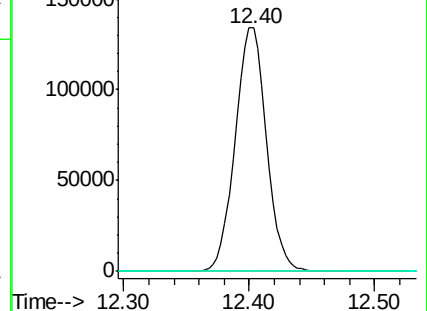
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN054127.D (-3306) (-)

Ion 53.00 (52.70 to 53.70): VN054127.D (-3306) (-)

Ion 88.90 (88.60 to 89.60): VN054127.D (-3306) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.706 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054127.D

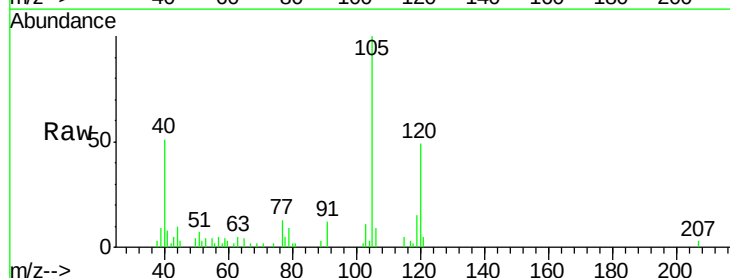
Acq: 6 Mar 2019 19:59

Tgt Ion: 105 Resp: 17958

Ion Ratio Lower Upper

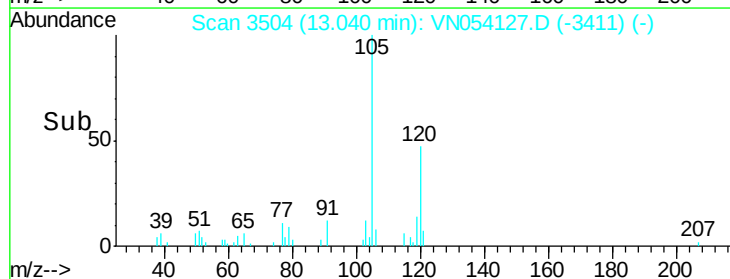
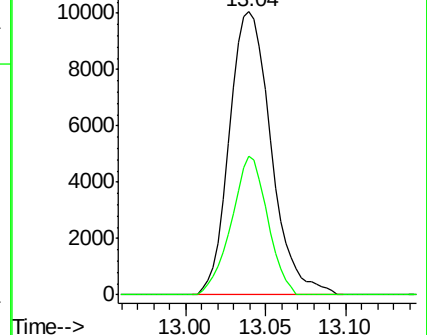
105 100

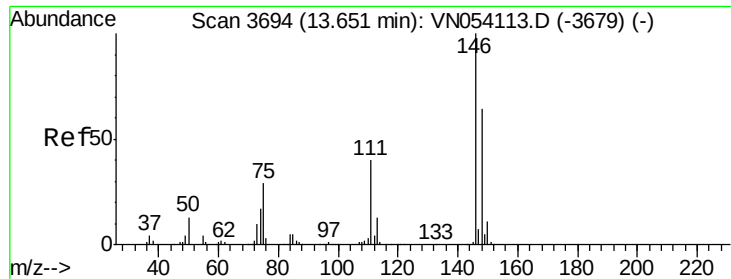
120 42.2 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): VN054127.D (-3504) (-)

Ion 120.00 (119.70 to 120.70): VN054127.D (-3504) (-)





#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

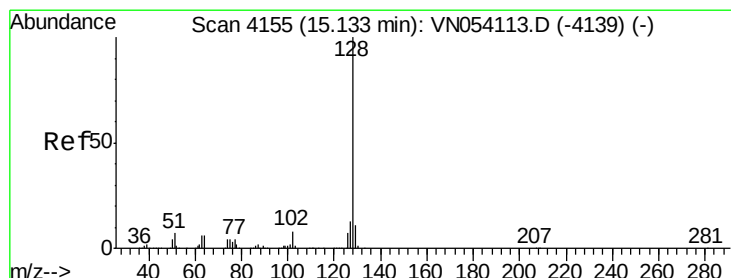
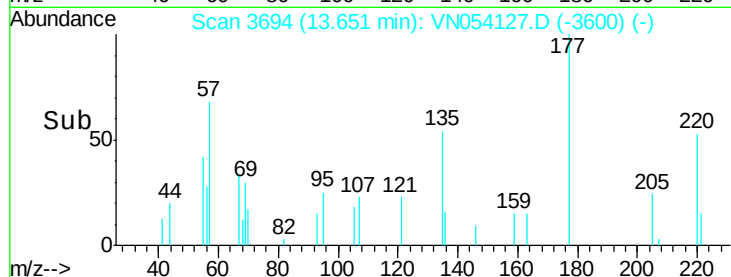
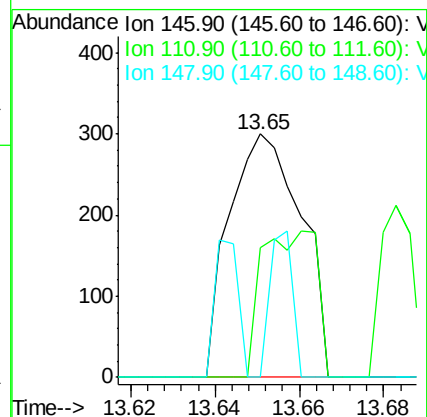
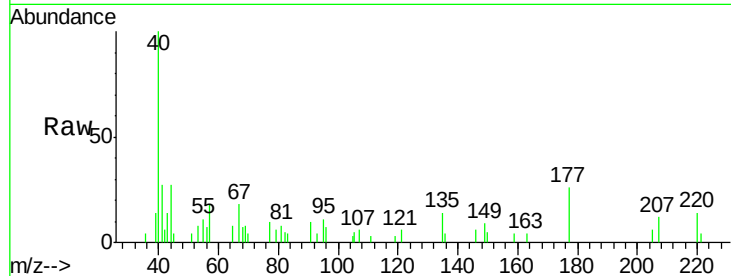
Instrument :

MSVOA_N

ClientSampled :

COMP-4

Tgt Ion:	146	Resp:	355
Ion	Ratio	Lower	Upper
146	100		
111	45.9	20.0	60.0
148	18.9	32.3	96.9#



#95

Naphthalene

Concen: 5.249 ug/l

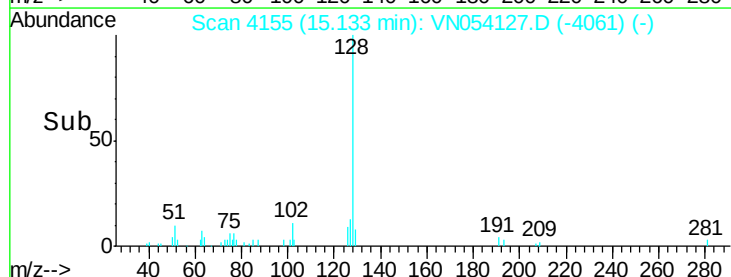
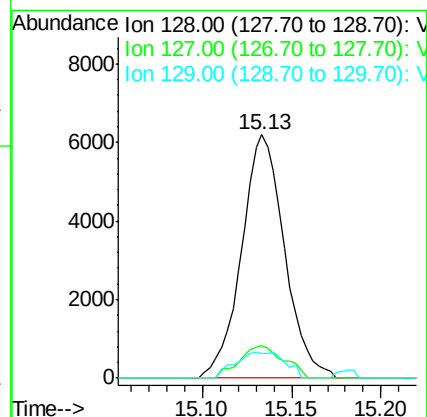
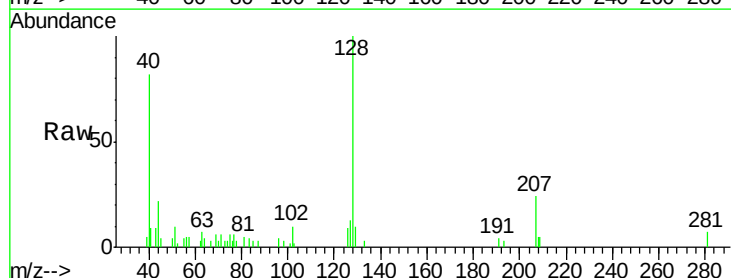
RT: 15.13 min Scan# 4155

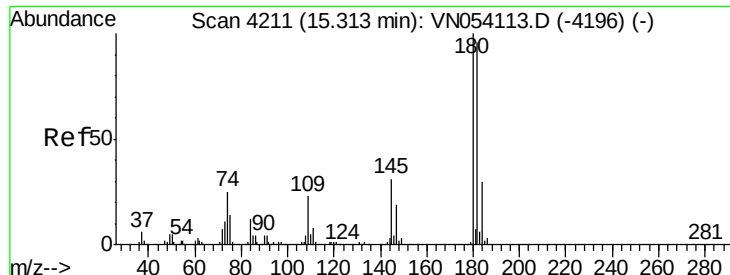
Delta R.T. 0.00 min

Lab File: VN054127.D

Acq: 6 Mar 2019 19:59

Tgt Ion:	128	Resp:	10427
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	12.2	8.6	12.8

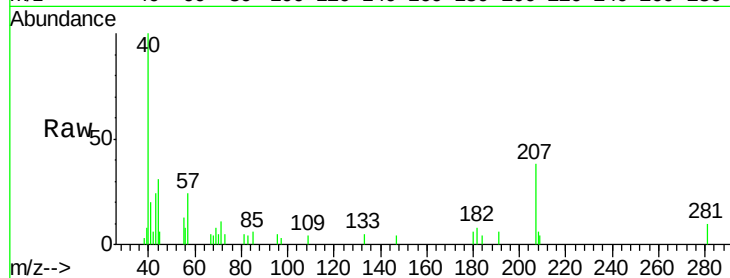




#96
 1,2,3-Trichlorobenzene
 Concen: 2.462 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN054127.D
 Acq: 6 Mar 2019 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-4

Tgt Ion	Ratio	Lower	Upper
180	100		
182	133.4	47.9	143.7
145	0.0	14.9	44.5



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

