

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030619\
 Data File : VN054122.D
 Acq On : 6 Mar 2019 17:47
 Operator : JC/SP
 Sample : PB117652TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117652TB

Quant Time: Mar 07 06:39:26 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	579295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1038794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1025890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	358105	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	358381	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	7.59	113	328113	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
50) Toluene-d8	10.09	98	1335017	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.40	95	438729	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	

Target Compounds					Qvalue
3) Chloromethane	2.06	50	819	Below Cal	93
5) Bromomethane	2.57	94	412	Below Cal	# 76
8) Diethyl Ether	3.42	74	757	0.206 ug/l	# 27
10) Methyl Iodide	3.95	142	1061	3.307 ug/l	# 65
11) Tert butyl alcohol	4.77	59	592	1.399 ug/l	# 72
13) Acrolein	3.61	56	325	27.762 ug/l	# 54
16) Acetone	3.82	43	13083	6.106 ug/l	# 85
17) Carbon Disulfide	4.04	76	2330	Below Cal	# 89
18) Methyl Acetate	4.34	43	3309	0.924 ug/l	# 83
20) Methylene Chloride	4.55	84	44646	5.817 ug/l	# 95
25) 2-Butanone	6.84	43	8851	3.105 ug/l	# 93
29) Tetrahydrofuran	7.24	42	433	0.232 ug/l	# 93
31) Cyclohexane	7.66	56	10091	Below Cal	# 1
36) 1,1-Dichloropropene	7.66	75	38997	4.000 ug/l	# 48
38) Carbon Tetrachloride	7.66	117	48277	5.187 ug/l	# 15
41) Methacrylonitrile	7.22	41	736	0.201 ug/l	# 100
43) Isopropyl Acetate	8.17	43	30705	4.125 ug/l	# 88
45) 1,2-Dichloropropane	9.27	63	2078	0.261 ug/l	# 44
48) Methyl methacrylate	9.18	41	12958	2.415 ug/l	# 24
49) 1,4-Dioxane	9.27	88	92	1.193 ug/l	# 1
51) 4-Methyl-2-Pentanone	10.02	43	10113	1.625 ug/l	# 37
54) cis-1,3-Dichloropropene	9.90	75	75419	6.804 ug/l	# 65
57) 1,3-Dichloropropane	10.76	76	14857	1.353 ug/l	# 42
59) 2-Hexanone	10.76	43	216154	52.637 ug/l	# 52
71) Bromoform	12.40	173	3287	0.625 ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.51	83	230	Below Cal	# 25
76) 1,2,3-Trichloropropane	12.40	75	213565	34.994 ug/l	# 100
77) Bromobenzene	12.53	156	533	Below Cal	# 86
80) 1,3,5-Trimethylbenzene	12.73	105	8965	0.387 ug/l	# 95
81) trans-1,4-Dichloro-2-buten	12.40	75	213565	120.175 ug/l	# 11
91) 1,2-Dichlorobenzene	13.65	146	1786	Below Cal	# 87
93) 1,2,4-Trichlorobenzene	14.91	180	2105	0.355 ug/l	# 87
94) Hexachlorobutadiene	15.01	225	1005	Below Cal	# 88
95) Naphthalene	15.14	128	7075	5.091 ug/l	# 92

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Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:25:49 2019
Response via : Initial Calibration

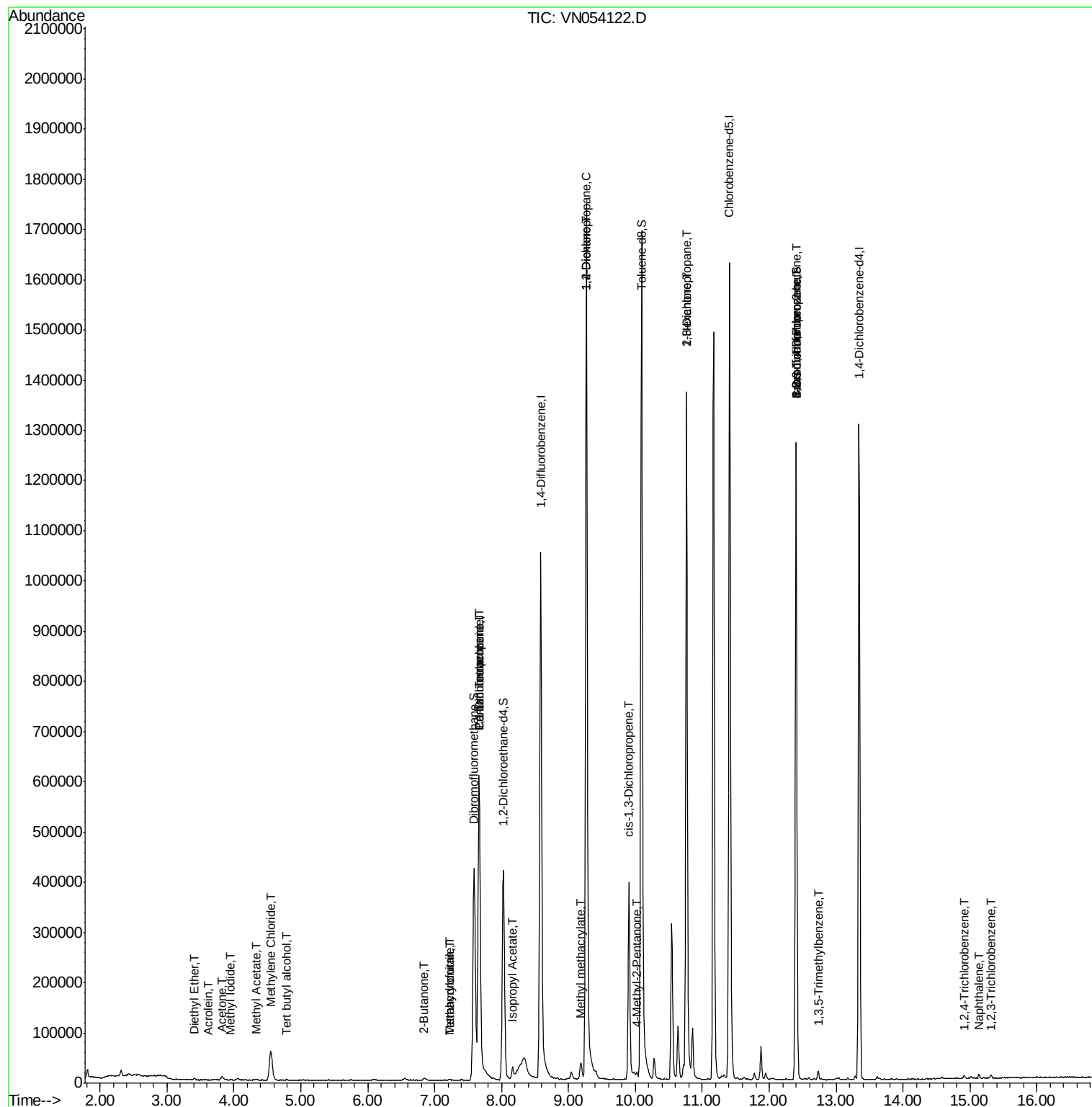
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	2800	2.868	ug/l	95

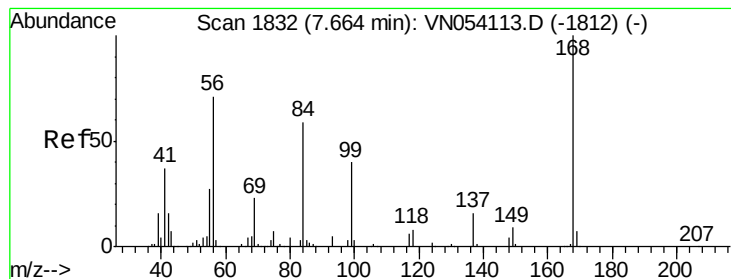
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN030619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

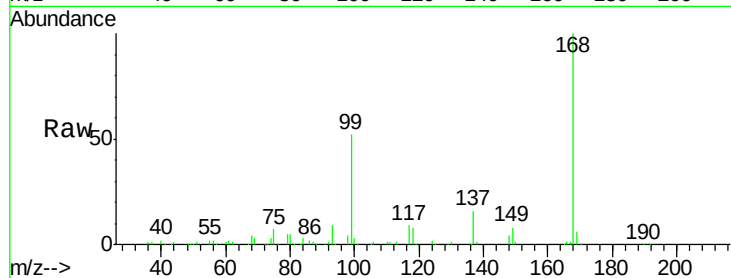
PB117652TB

Tgt Ion:168 Resp: 579295

Ion Ratio Lower Upper

168 100

99 51.5 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

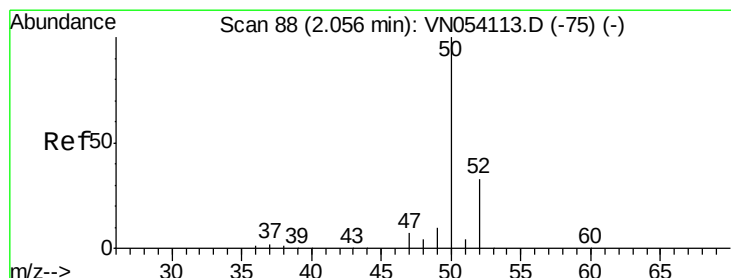
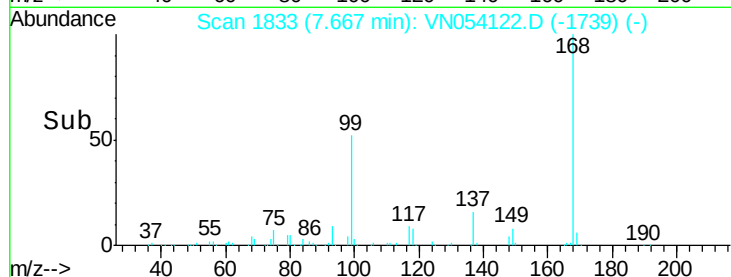
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN054122.D

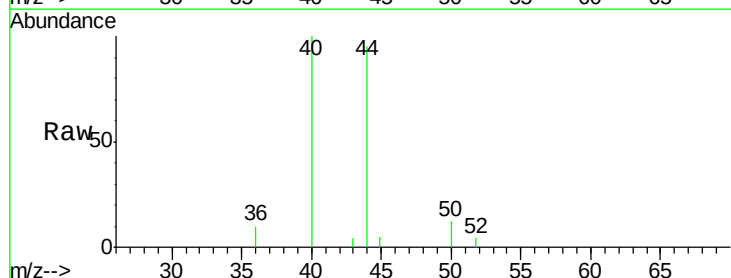
Acq: 6 Mar 2019 17:47

Tgt Ion: 50 Resp: 819

Ion Ratio Lower Upper

50 100

52 36.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

600

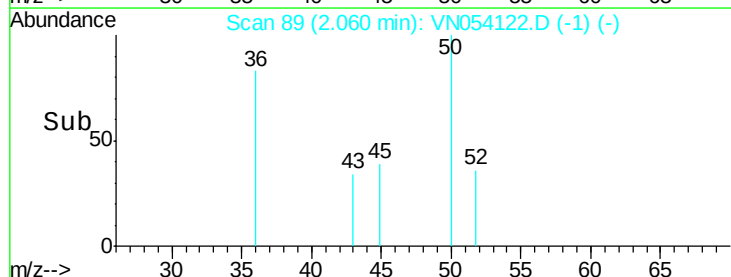
400

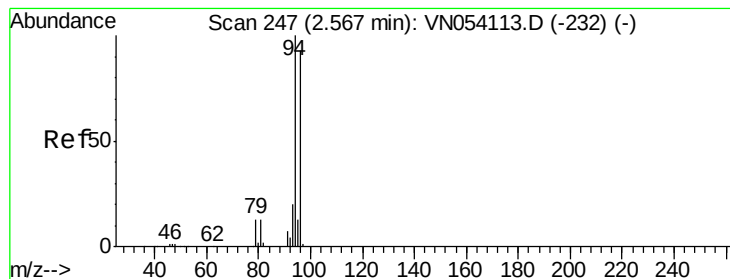
200

0

2.02 2.04 2.06 2.08

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

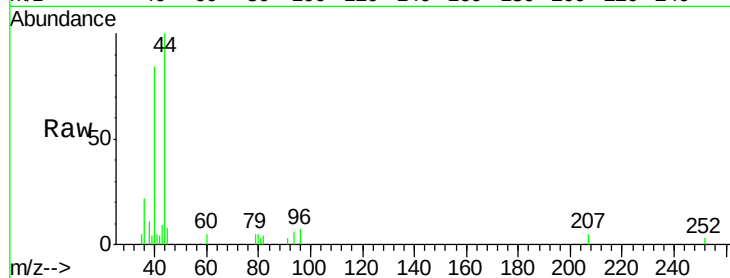
PB117652TB

Tgt Ion: 94 Resp: 412

Ion Ratio Lower Upper

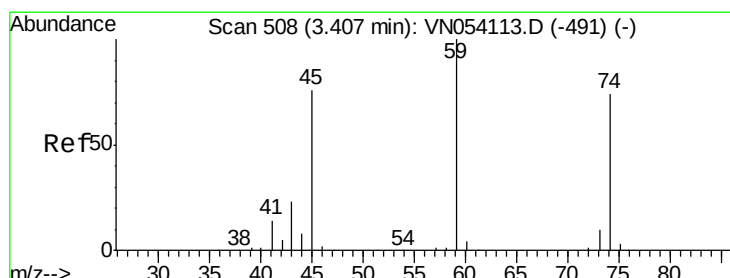
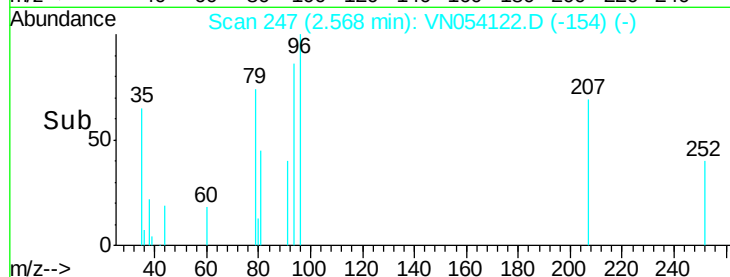
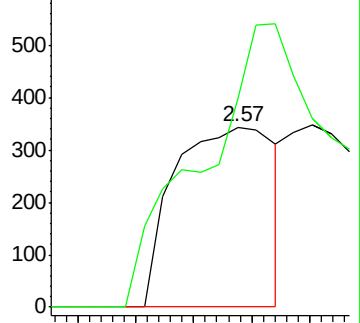
94 100

96 115.7 74.2 111.4#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: 0.206 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.01 min

Lab File: VN054122.D

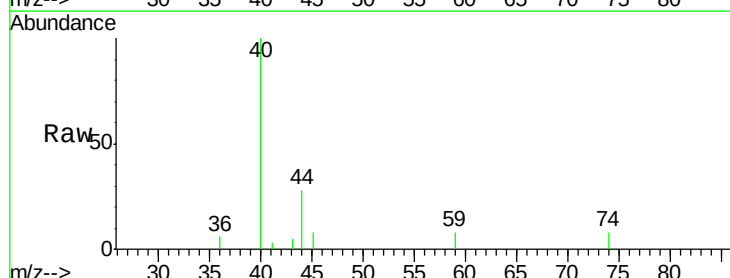
Acq: 6 Mar 2019 17:47

Tgt Ion: 74 Resp: 757

Ion Ratio Lower Upper

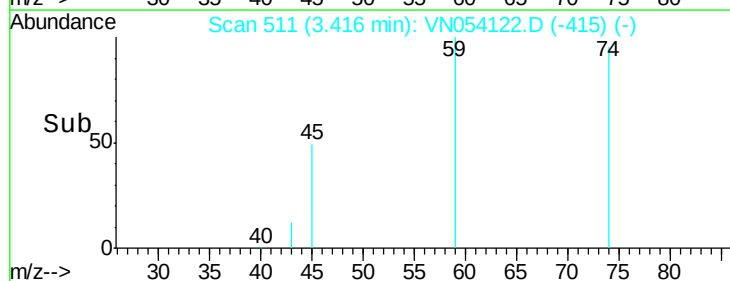
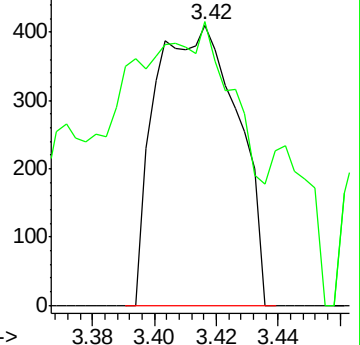
74 100

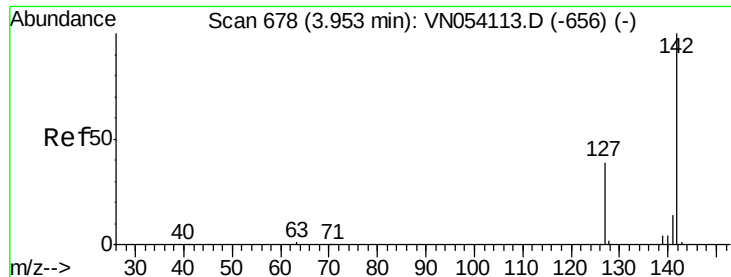
45 28.9 51.7 155.2#



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

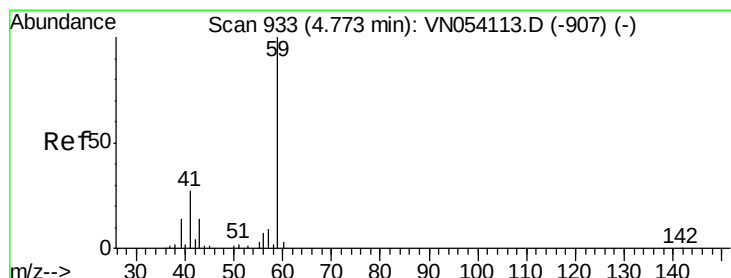
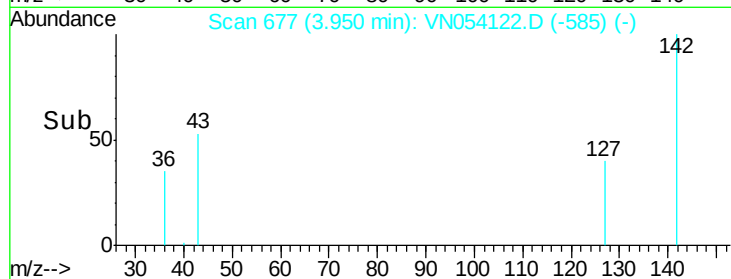
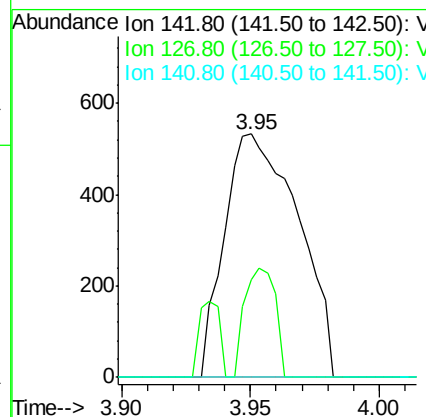
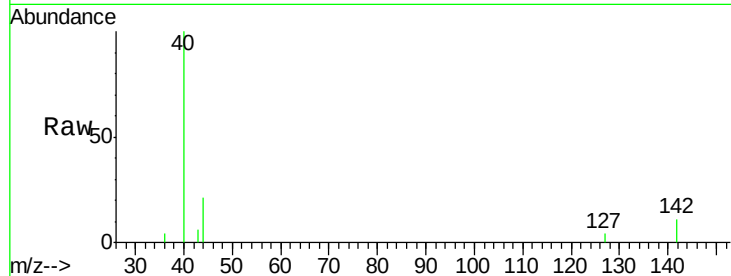




#10
Methyl Iodide
Concen: 3.307 ug/l
RT: 3.95 min Scan# 677
Delta R.T. -0.00 min
Lab File: VN054122.D
Acq: 6 Mar 2019 17:47

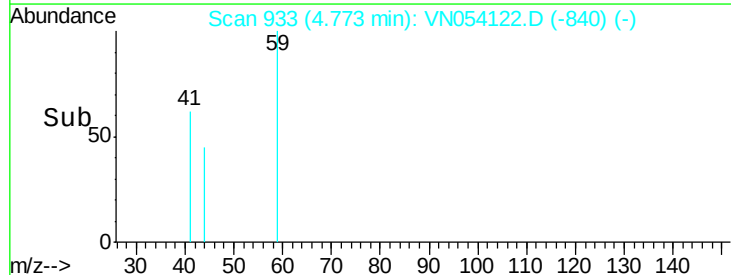
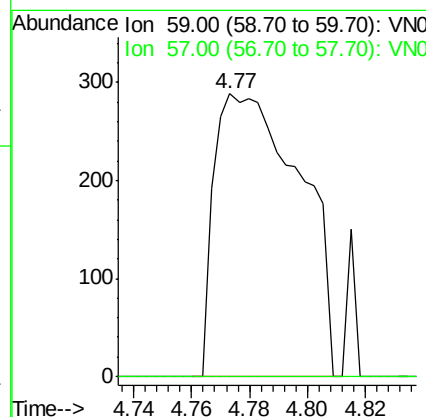
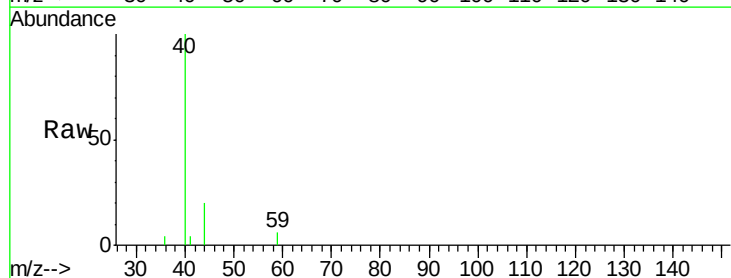
Instrument :
MSVOA_N
ClientSampled :
PB117652TB

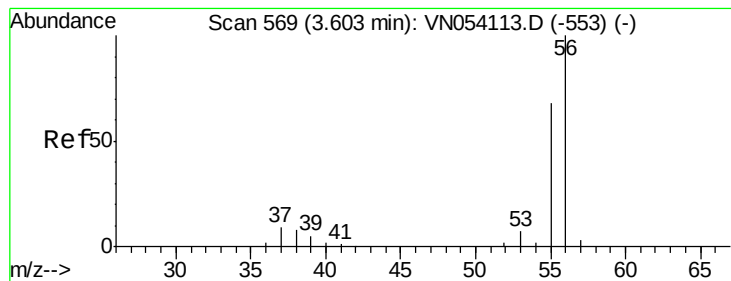
Tgt Ion: 142 Resp: 1061
Ion Ratio Lower Upper
142 100
127 18.5 31.9 47.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.399 ug/l
RT: 4.77 min Scan# 933
Delta R.T. 0.00 min
Lab File: VN054122.D
Acq: 6 Mar 2019 17:47

Tgt Ion: 59 Resp: 592
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 27.762 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

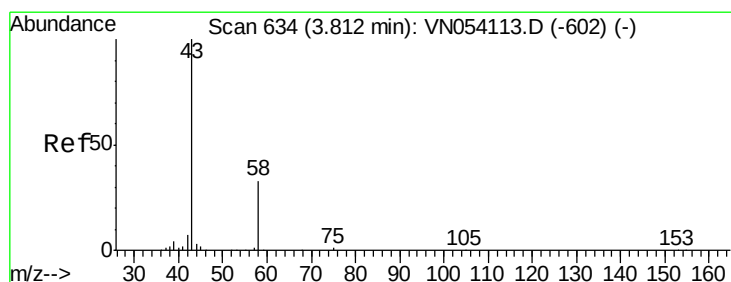
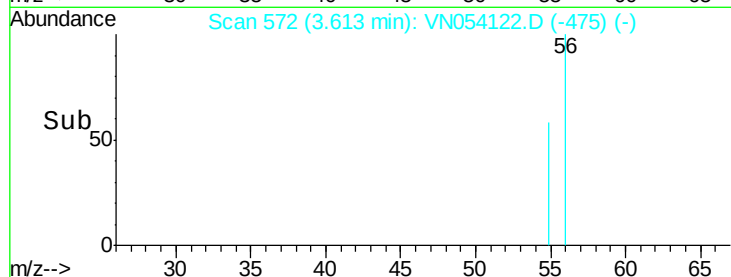
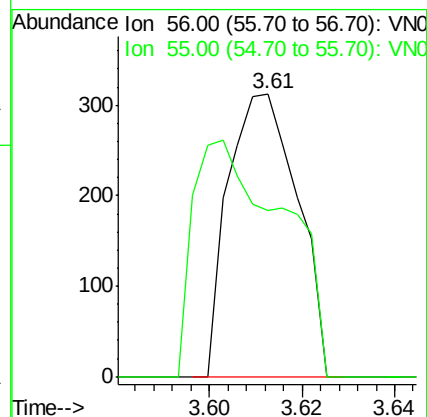
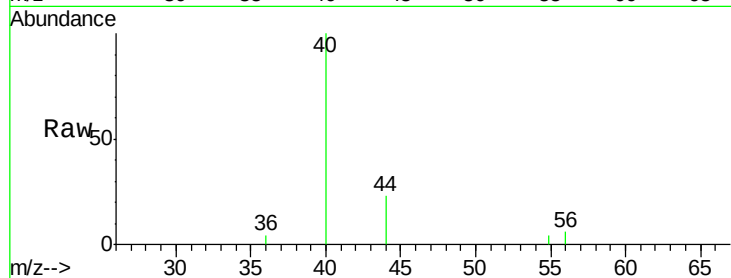
PB117652TB

Tgt Ion: 56 Resp: 325

Ion Ratio Lower Upper

56 100

55 109.2 57.1 85.7#



#16

Acetone

Concen: 6.106 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN054122.D

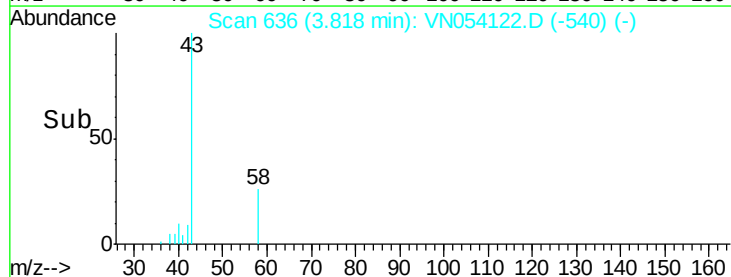
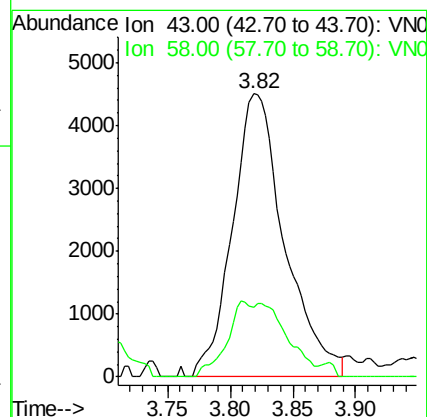
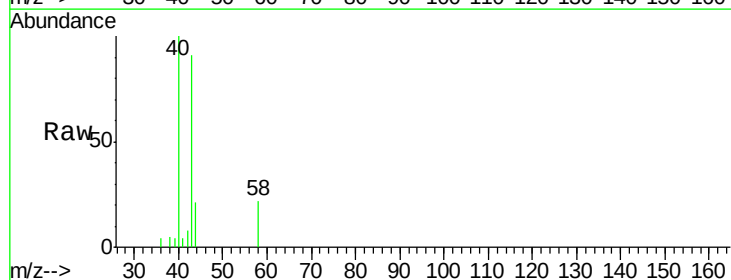
Acq: 6 Mar 2019 17:47

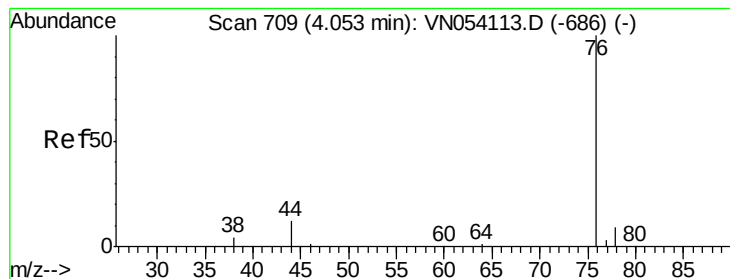
Tgt Ion: 43 Resp: 13083

Ion Ratio Lower Upper

43 100

58 24.5 26.5 39.7#





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

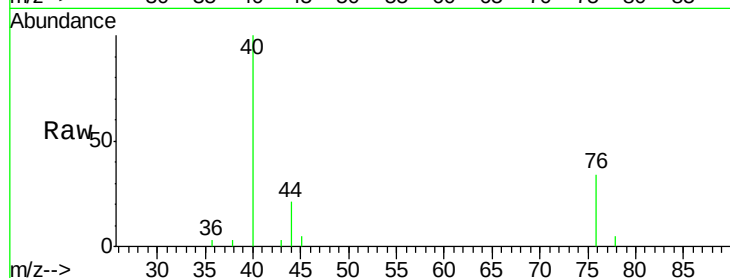
PB117652TB

Tgt Ion: 76 Resp: 2330

Ion Ratio Lower Upper

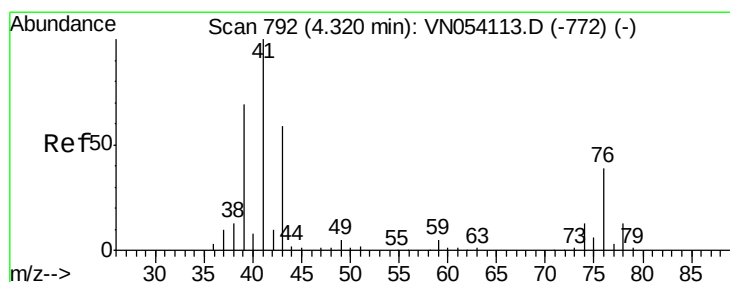
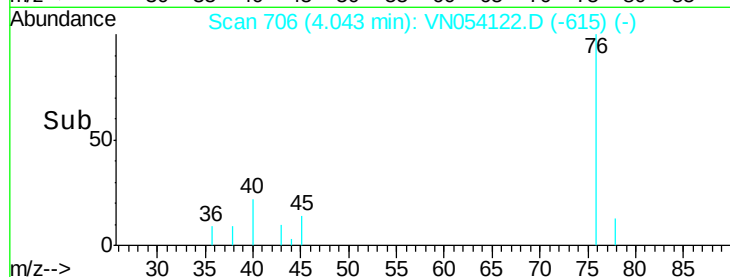
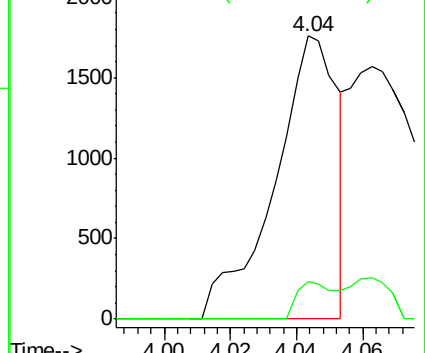
76 100

78 13.1 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.924 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN054122.D

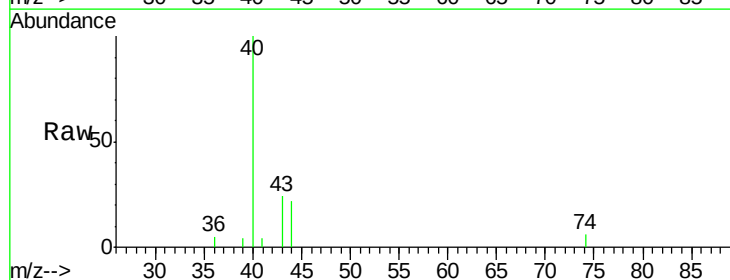
Acq: 6 Mar 2019 17:47

Tgt Ion: 43 Resp: 3309

Ion Ratio Lower Upper

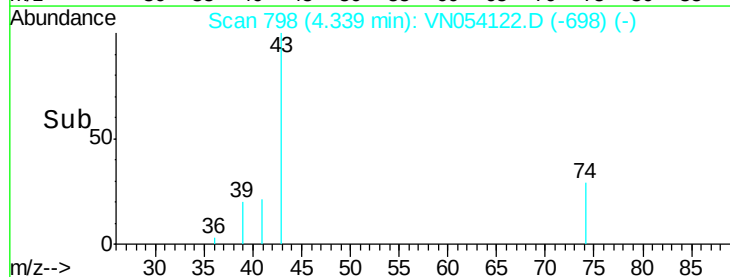
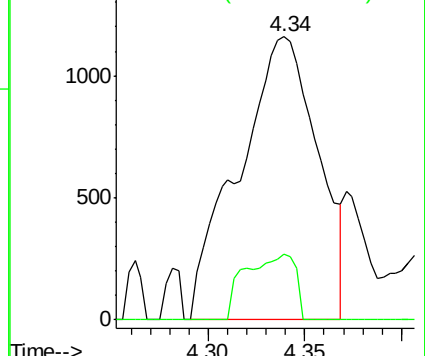
43 100

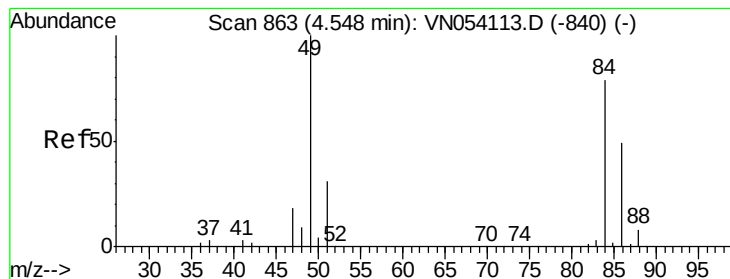
74 14.3 18.2 27.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methylene Chloride

Concen: 5.817 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

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Tgt Ion: 84 Resp: 44646

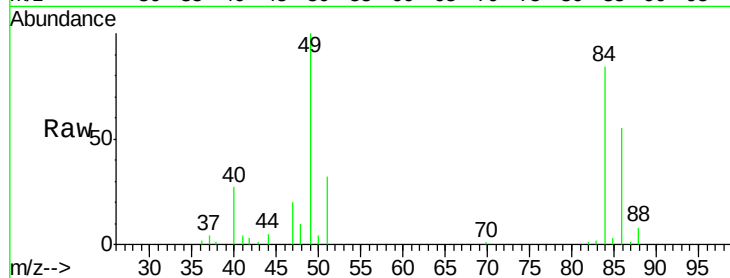
Ion Ratio Lower Upper

84 100

49 119.3 101.8 152.8

51 38.2 31.1 46.7

86 66.0 49.7 74.5

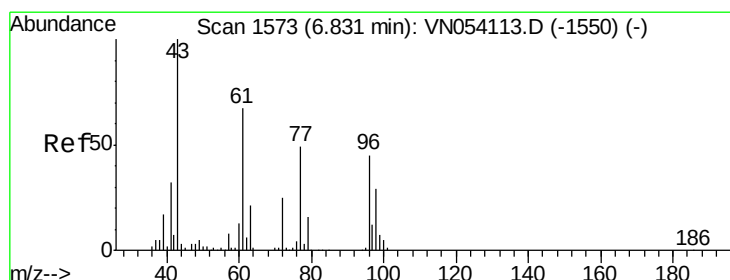
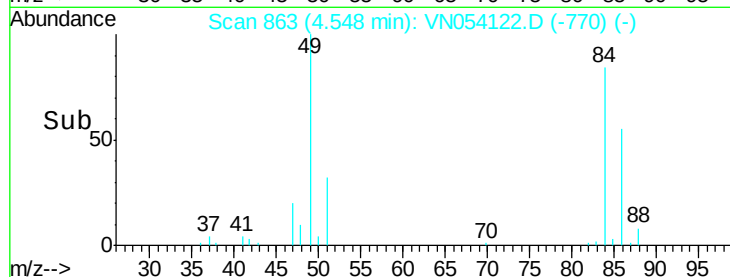
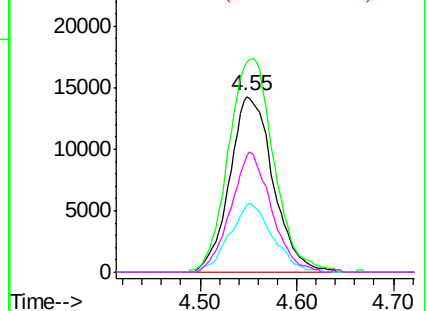


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 3.105 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN054122.D

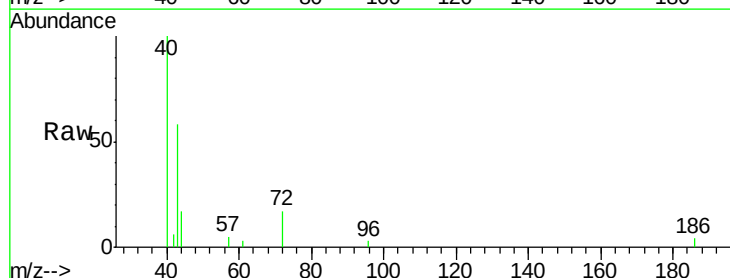
Acq: 6 Mar 2019 17:47

Tgt Ion: 43 Resp: 8851

Ion Ratio Lower Upper

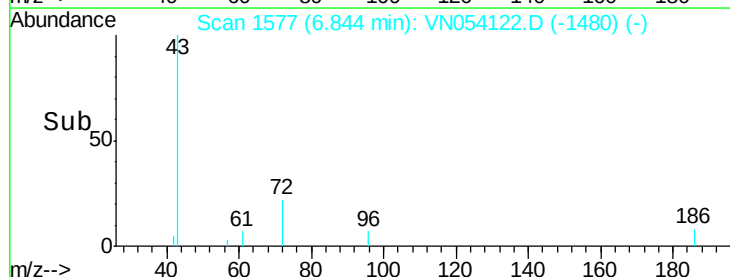
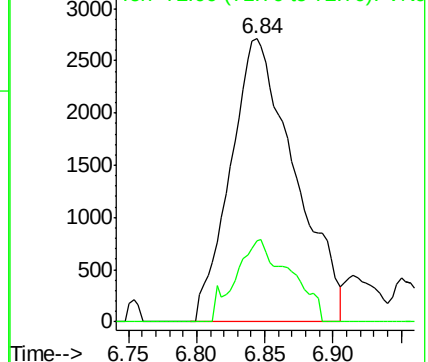
43 100

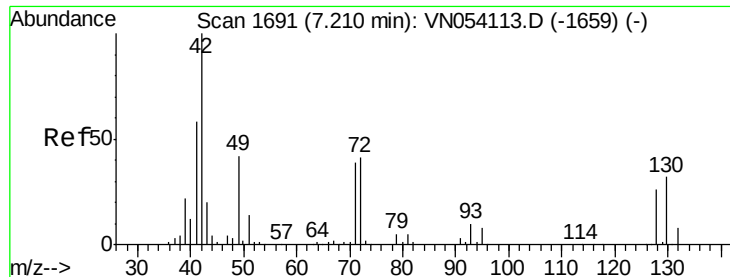
72 28.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.232 ug/l

RT: 7.24 min Scan# 1700

Delta R.T. 0.03 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

PB117652TB

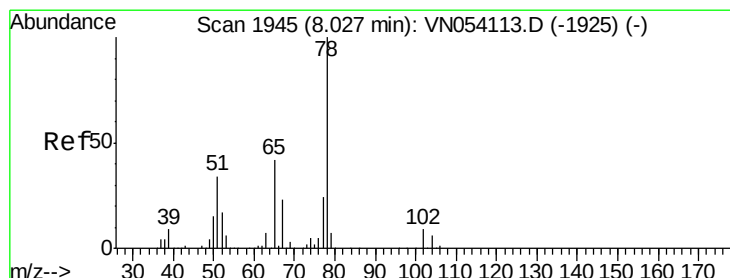
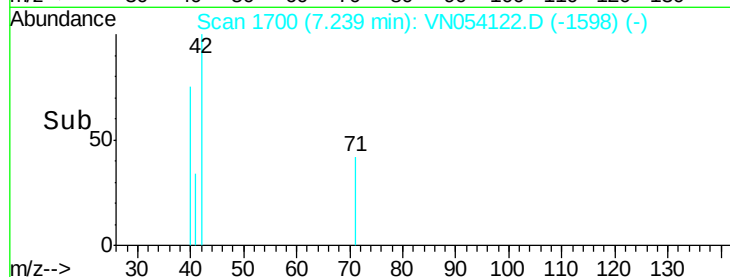
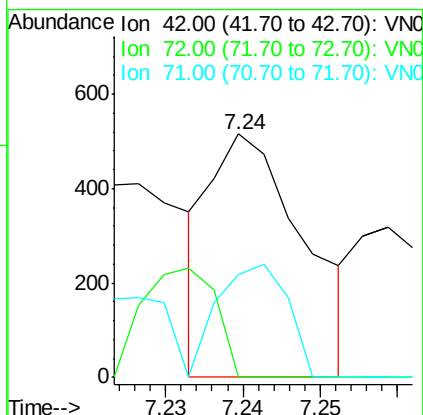
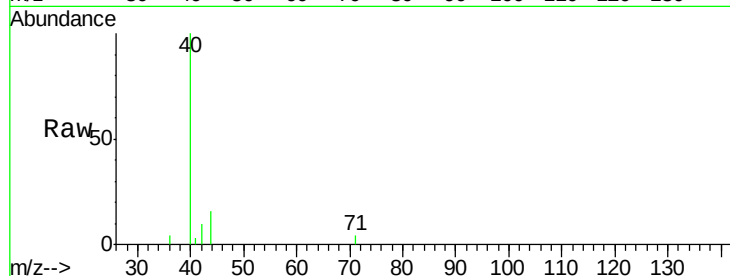
Tgt Ion: 42 Resp: 433

Ion Ratio Lower Upper

42 100

72 35.1 32.8 49.2

71 35.1 30.5 45.7



#33

1,2-Dichloroethane-d4

Concen: 51.513 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054122.D

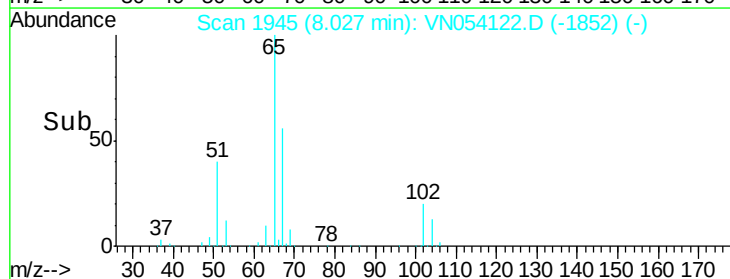
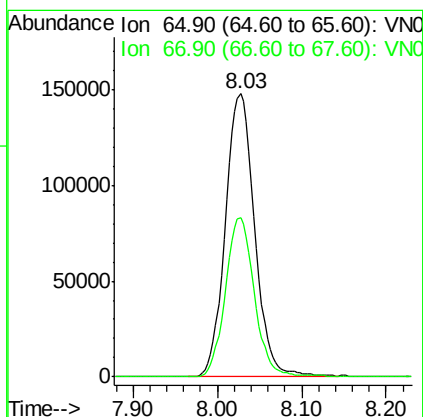
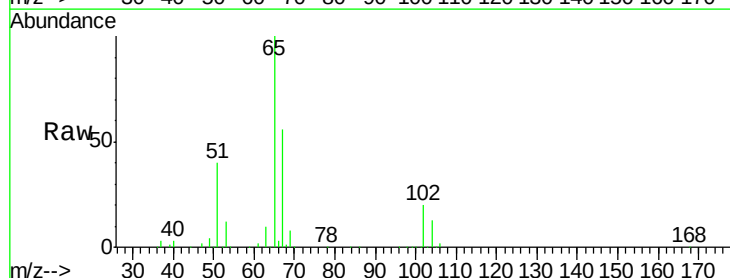
Acq: 6 Mar 2019 17:47

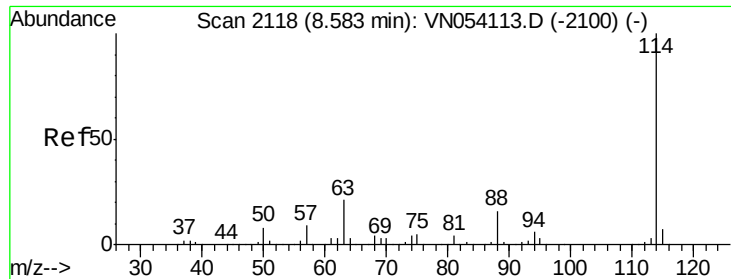
Tgt Ion: 65 Resp: 358381

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6

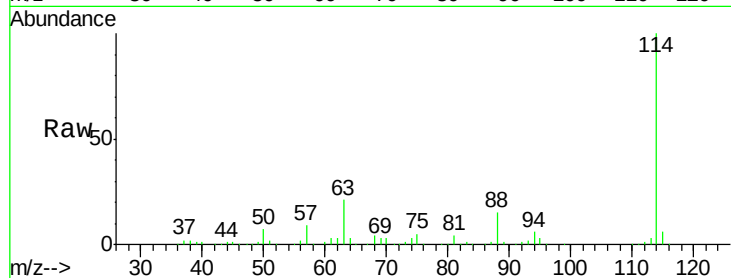




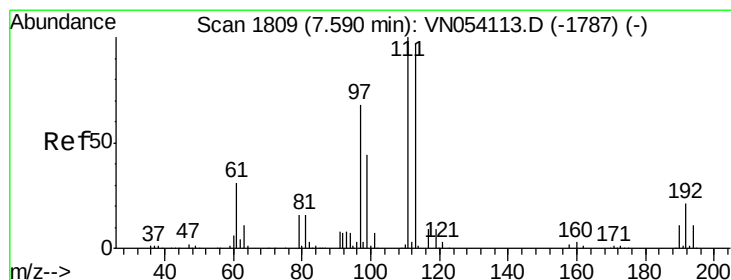
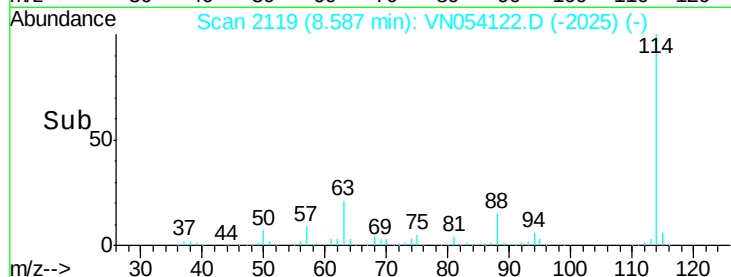
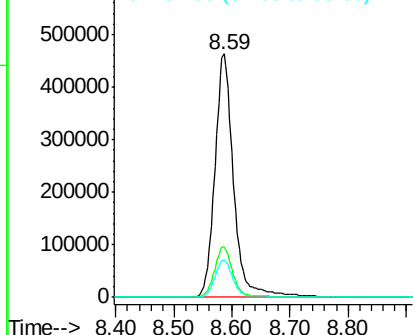
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054122.D
 Acq: 6 Mar 2019 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117652TB

Tgt Ion:114 Resp: 1038794
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.6
 88 15.4 0.0 31.8

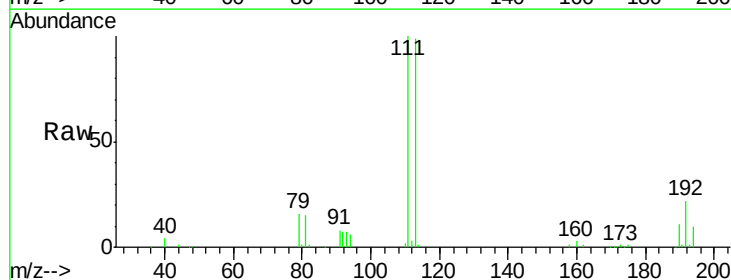


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

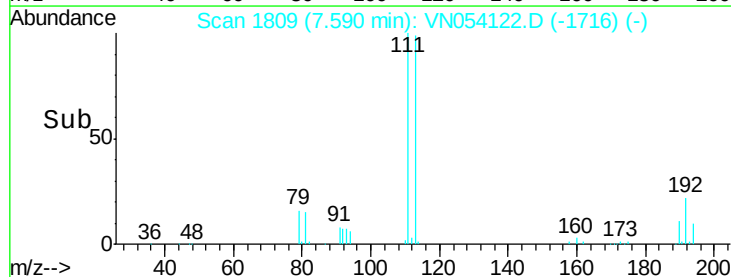
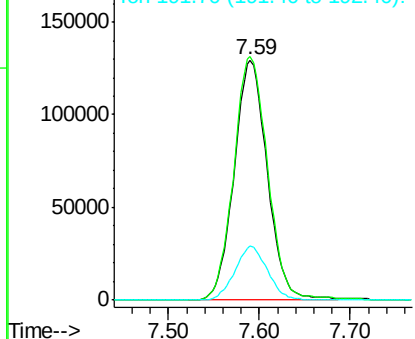


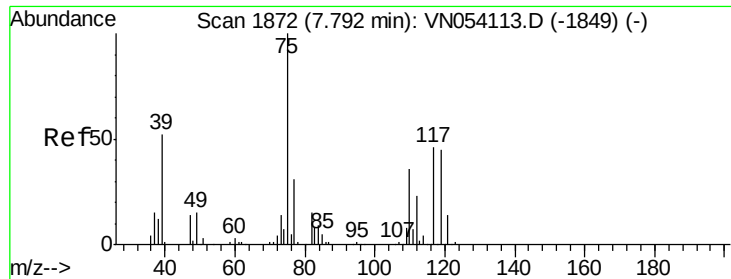
#35
 Dibromofluoromethane
 Concen: 48.633 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054122.D
 Acq: 6 Mar 2019 17:47

Tgt Ion:113 Resp: 328113
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.1 123.1
 192 22.1 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

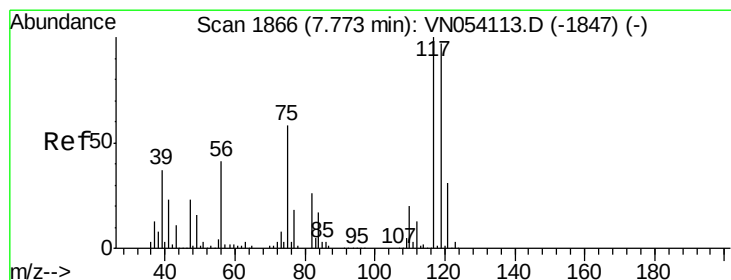
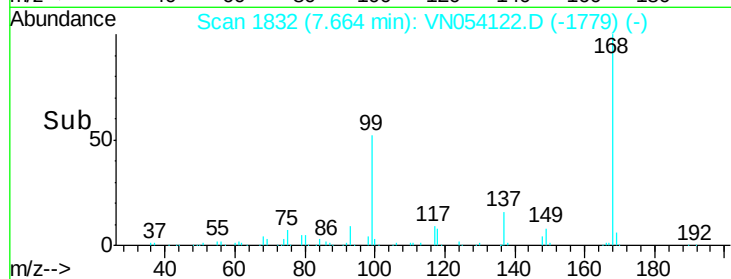
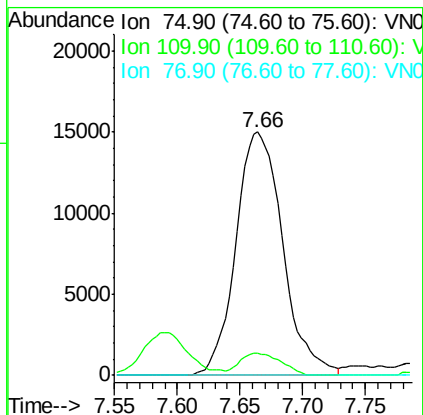
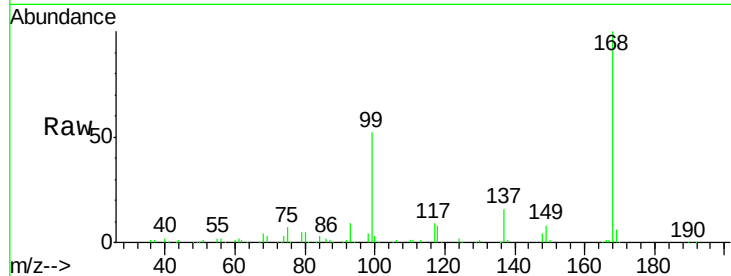




#36
 1,1-Dichloropropene
 Concen: 4.000 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054122.D
 Acq: 6 Mar 2019 17:47

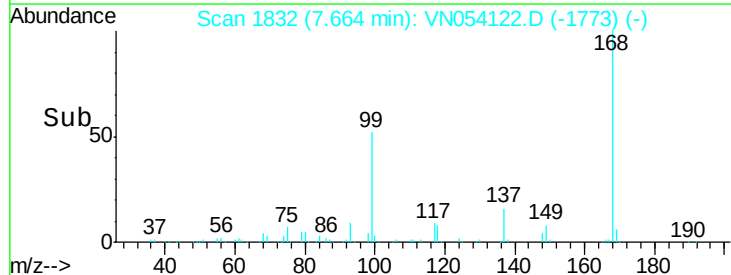
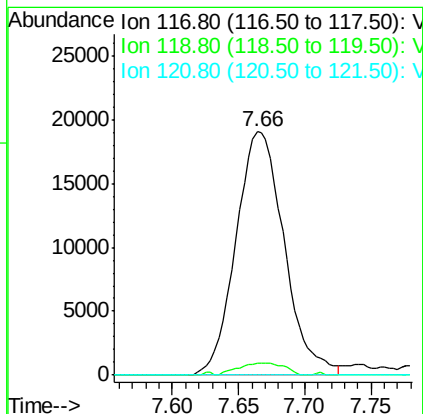
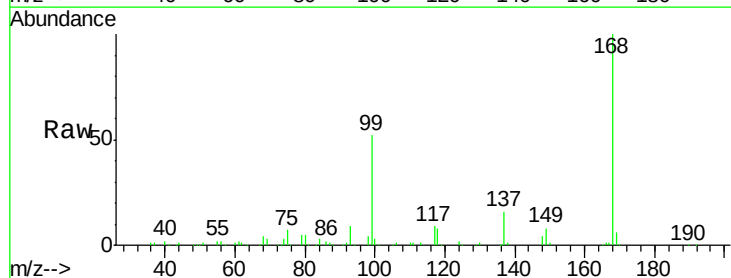
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117652TB

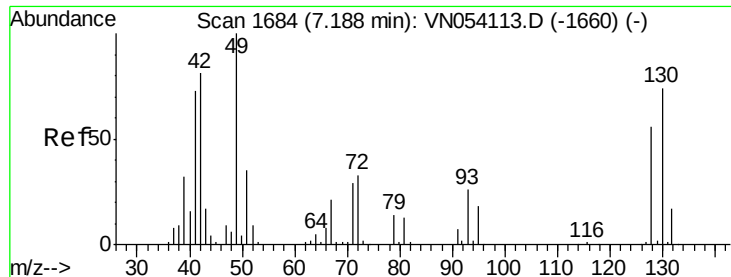
Tgt Ion: 75 Resp: 38997
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.0 54.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.187 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054122.D
 Acq: 6 Mar 2019 17:47

Tgt Ion: 117 Resp: 48277
 Ion Ratio Lower Upper
 117 100
 119 4.7 77.0 115.6#
 121 0.0 24.3 36.5#





#41

Methacrylonitrile

Concen: 0.201 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.03 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

PB117652TB

Tgt Ion: 41 Resp: 736

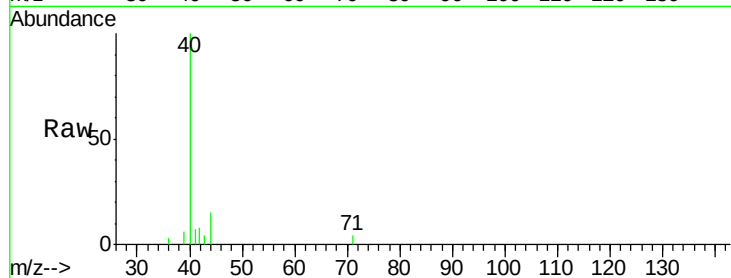
Ion Ratio Lower Upper

41 100

39 72.4 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

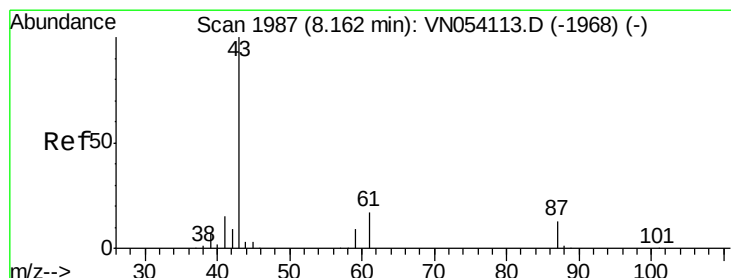
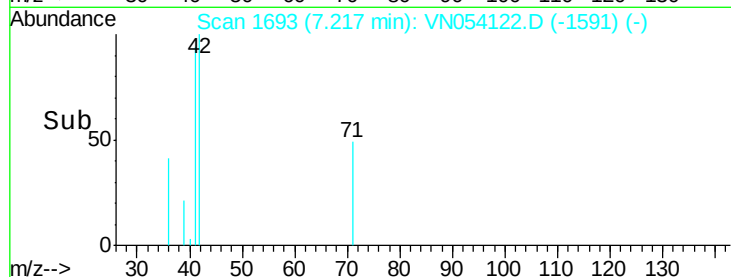
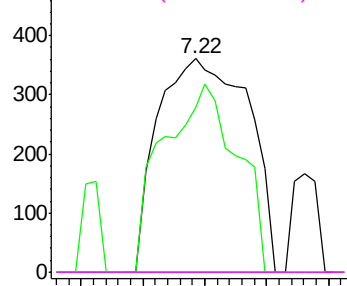


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#43

Isopropyl Acetate

Concen: 4.125 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

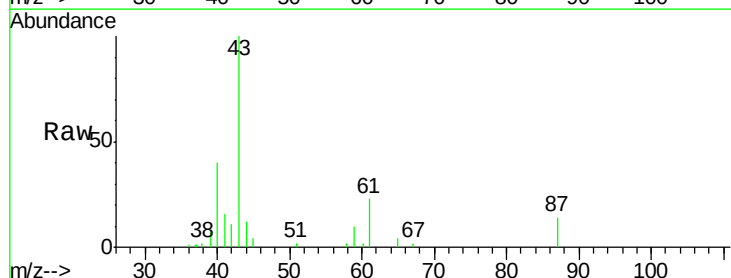
Tgt Ion: 43 Resp: 30705

Ion Ratio Lower Upper

43 100

61 19.7 22.5 33.7#

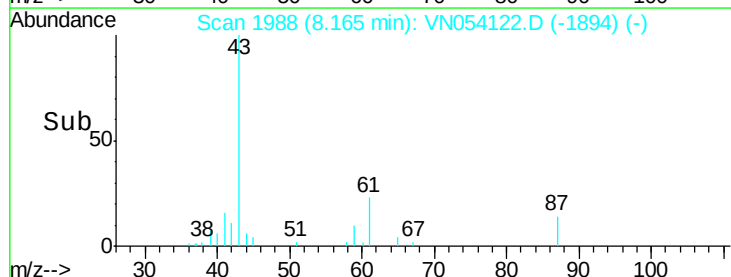
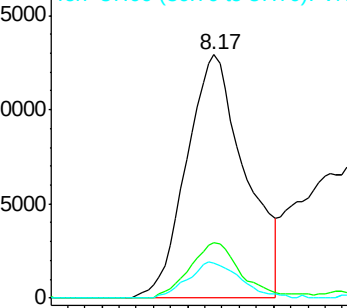
87 13.2 10.1 15.1

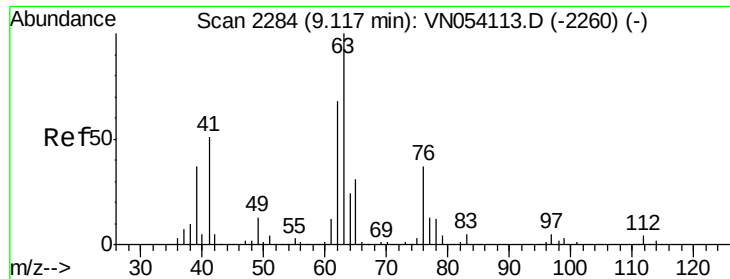


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

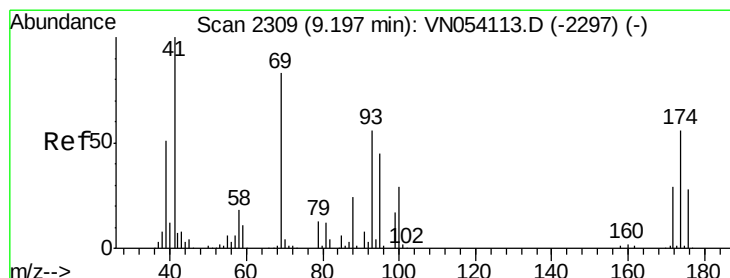
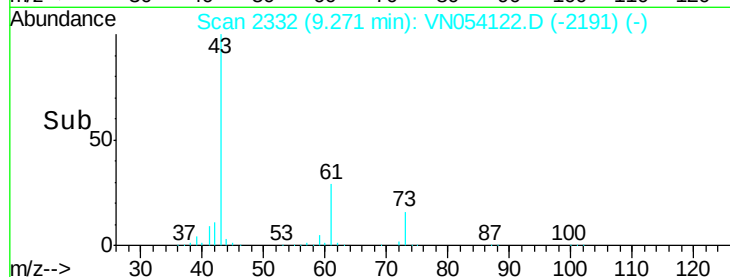
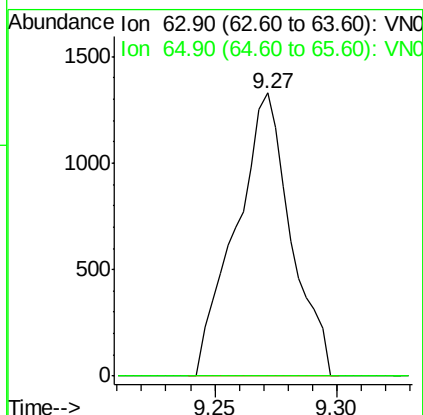
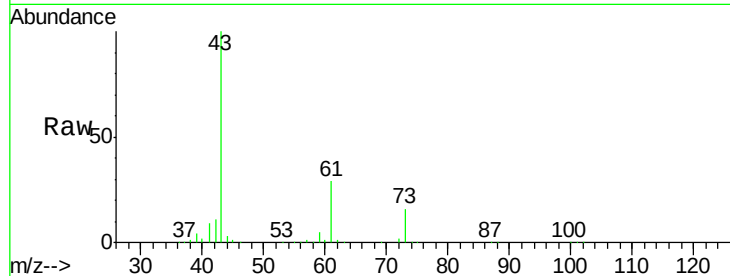




#45
 1,2-Dichloropropane
 Concen: 0.261 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN054122.D
 Acq: 6 Mar 2019 17:47

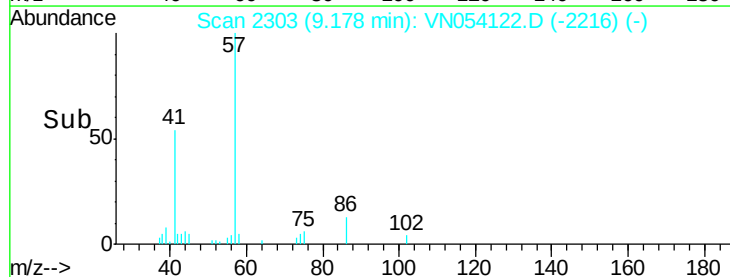
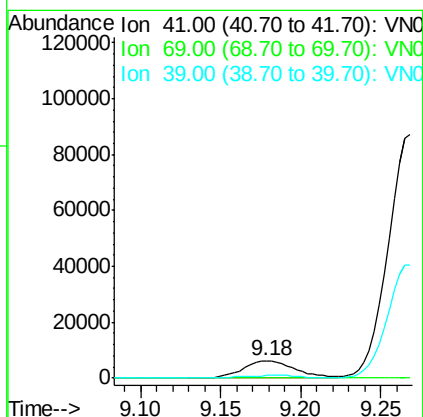
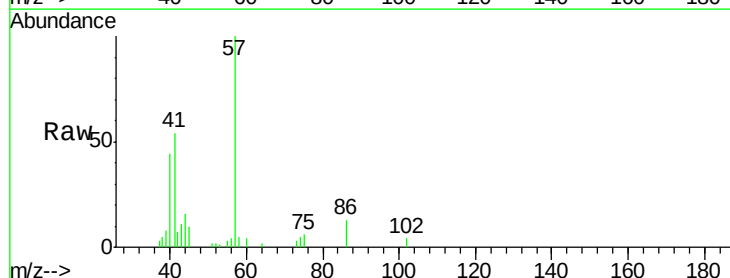
Instrument :
 MSVOA_N
 ClientSampled :
 PB117652TB

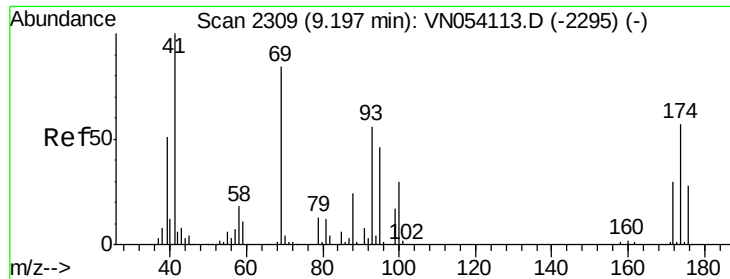
Tgt Ion: 63 Resp: 2078
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.6 36.8#



#48
 Methyl methacrylate
 Concen: 2.415 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN054122.D
 Acq: 6 Mar 2019 17:47

Tgt Ion: 41 Resp: 12958
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.0 106.4#
 39 21.1 43.7 65.5#





#49

1,4-Dioxane

Concen: 1.193 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.07 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

PB117652TB

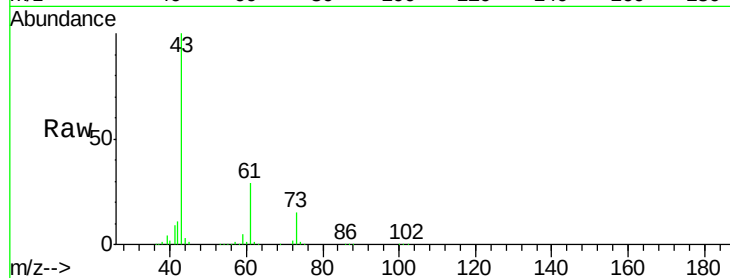
Tgt Ion: 88 Resp: 92

Ion Ratio Lower Upper

88 100

43 2018522.8 25.5 38.3#

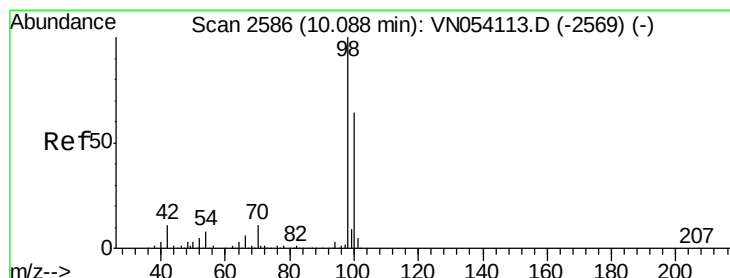
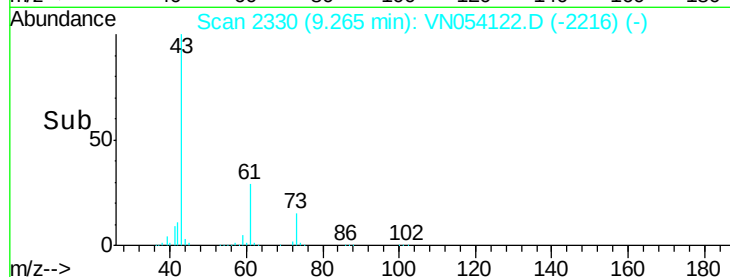
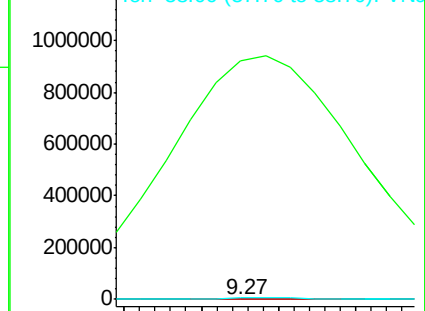
58 9013.0 58.3 87.5#



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: 52.108 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054122.D

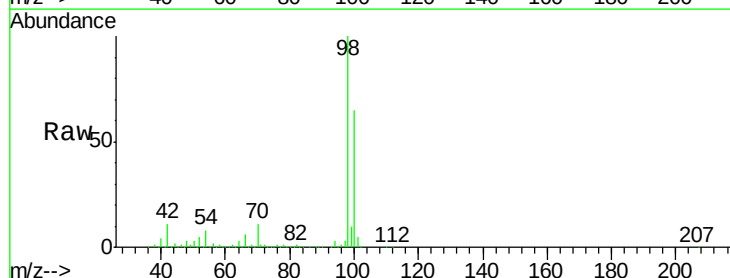
Acq: 6 Mar 2019 17:47

Tgt Ion: 98 Resp: 1335017

Ion Ratio Lower Upper

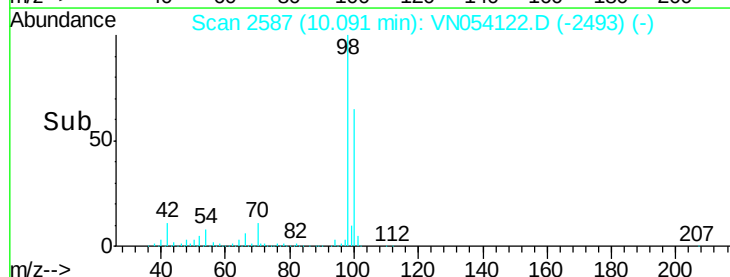
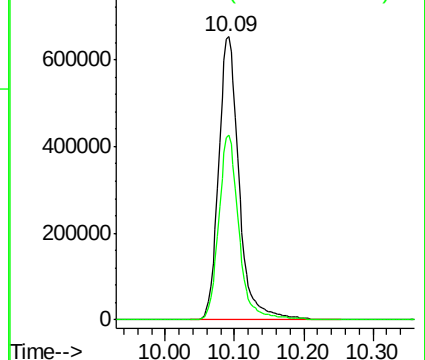
98 100

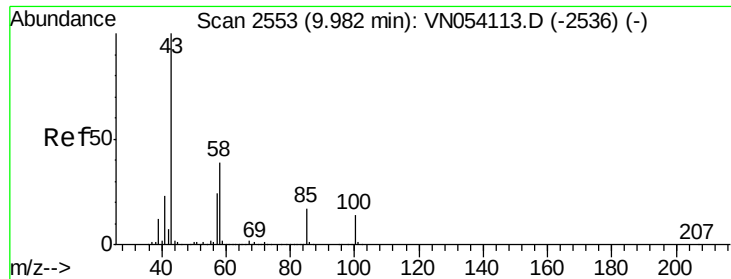
100 64.5 51.7 77.5



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: 1.625 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

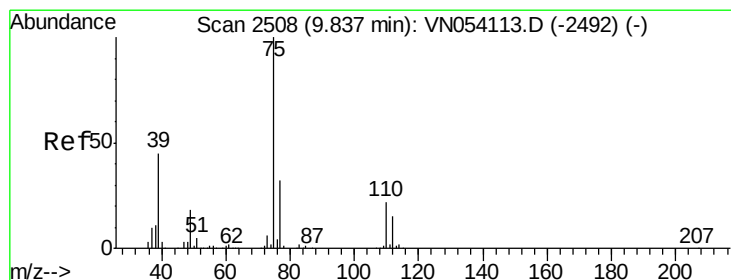
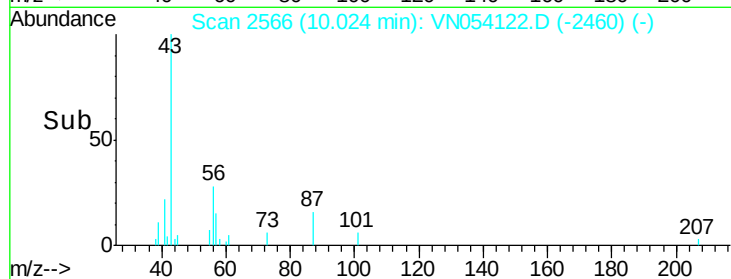
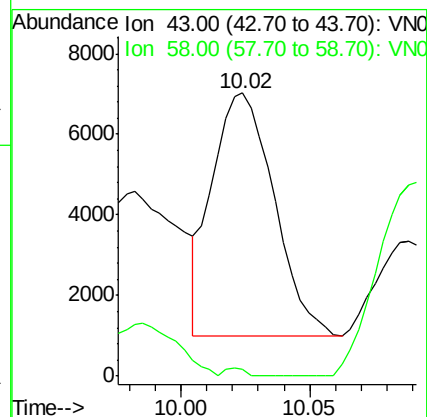
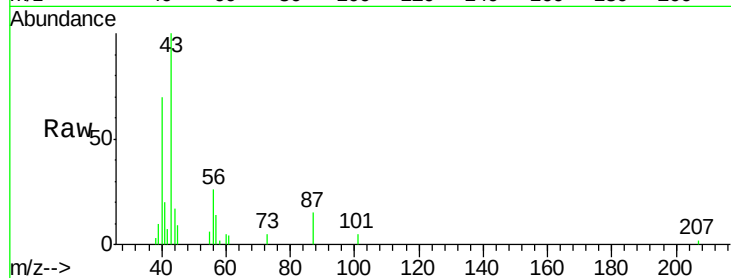
PB117652TB

Tgt Ion: 43 Resp: 10113

Ion Ratio Lower Upper

43 100

58 0.0 30.8 46.2#



#54

cis-1,3-Dichloropropene

Concen: 6.804 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

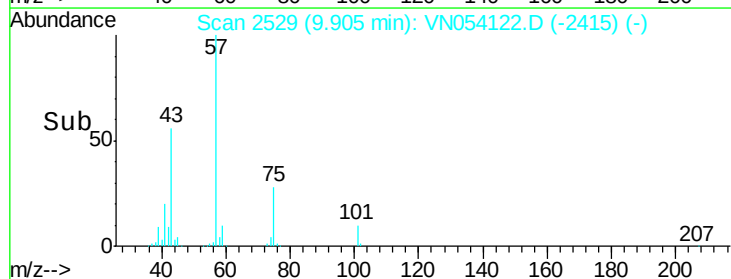
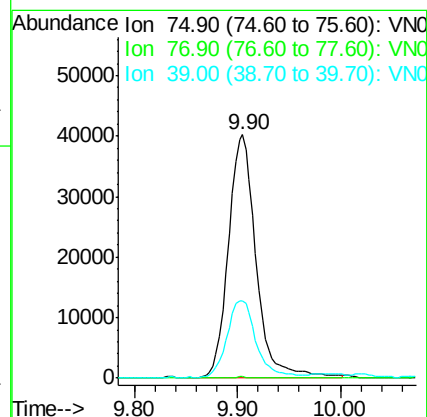
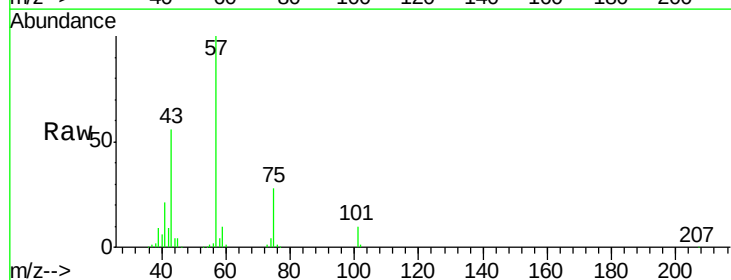
Tgt Ion: 75 Resp: 75419

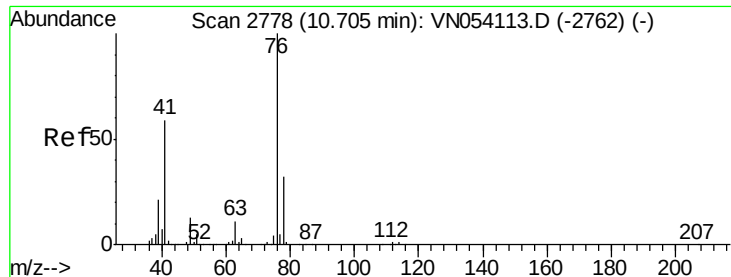
Ion Ratio Lower Upper

75 100

77 0.4 25.4 38.0#

39 32.0 36.2 54.2#

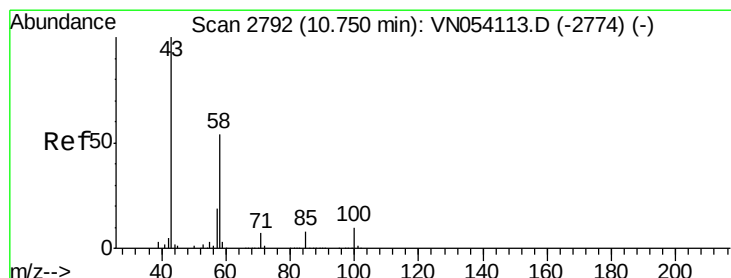
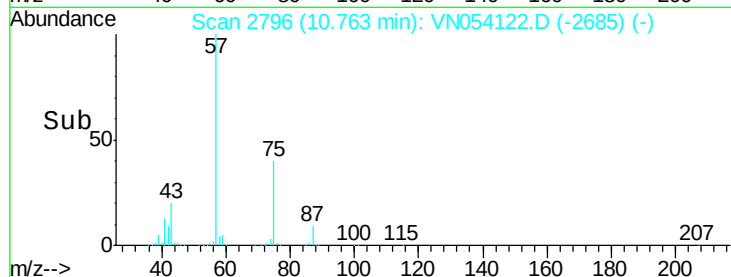
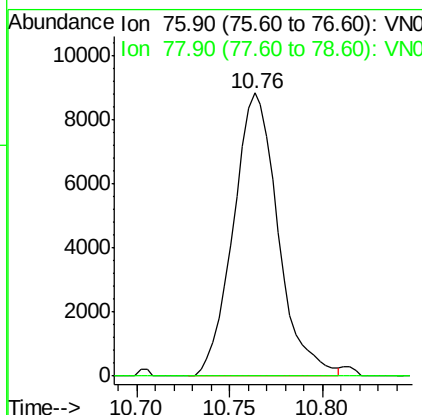
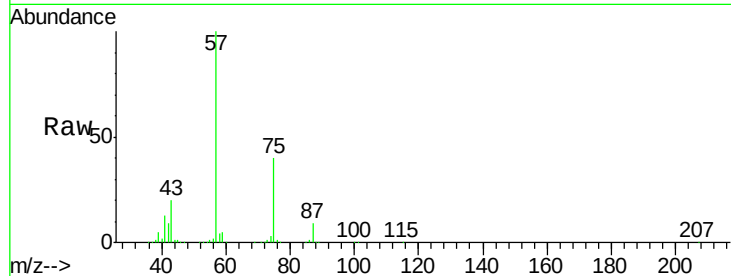




#57
 1,3-Dichloropropane
 Concen: 1.353 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054122.D
 Acq: 6 Mar 2019 17:47

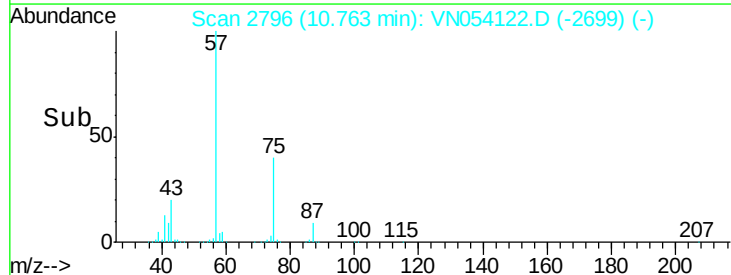
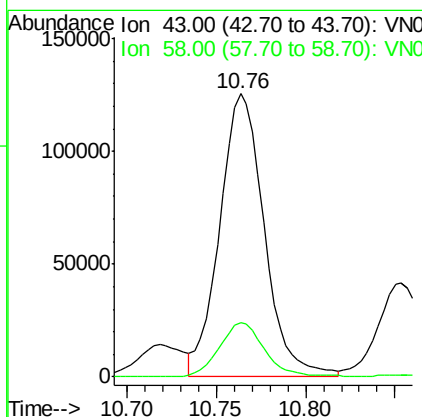
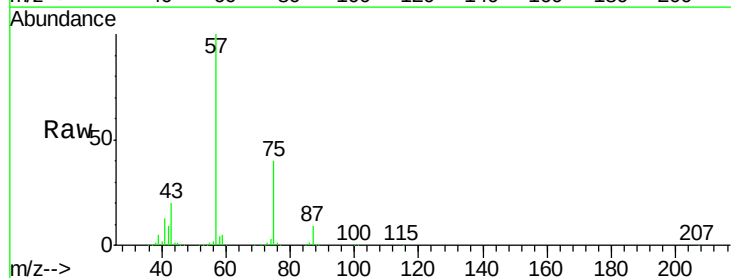
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117652TB

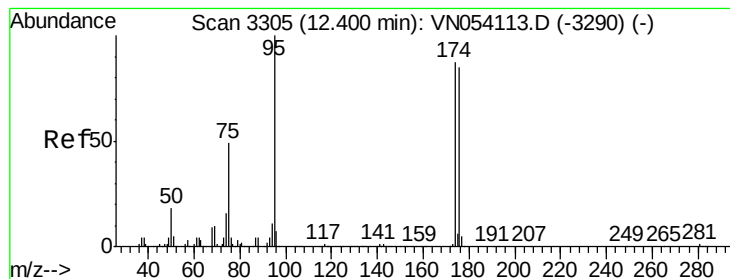
Tgt Ion: 76 Resp: 14857
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#



#59
 2-Hexanone
 Concen: 52.637 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN054122.D
 Acq: 6 Mar 2019 17:47

Tgt Ion: 43 Resp: 216154
 Ion Ratio Lower Upper
 43 100
 58 19.8 27.0 81.0#





#62

4-Bromofluorobenzene

Concen: 52.598 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

PB117652TB

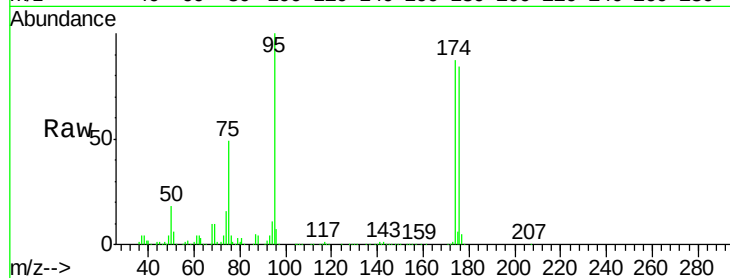
Tgt Ion: 95 Resp: 438729

Ion Ratio Lower Upper

95 100

174 88.0 0.0 173.2

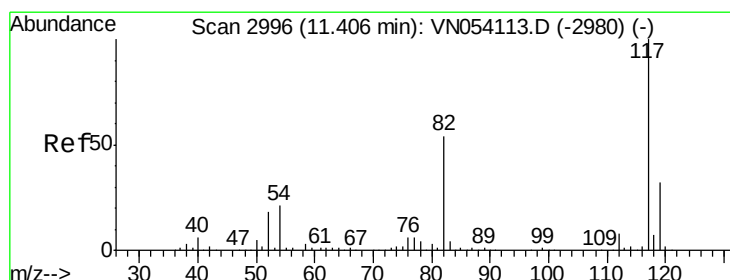
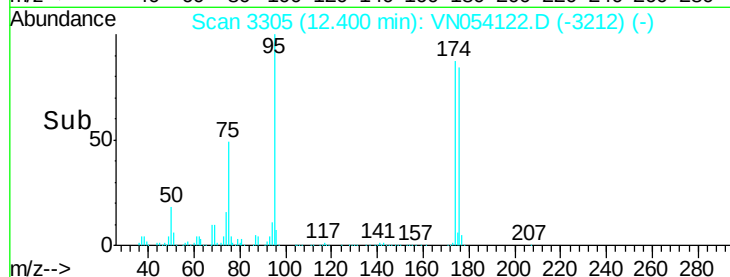
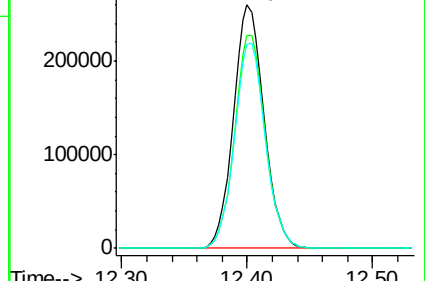
176 85.2 0.0 168.8



Abundance Ion 94.90 (94.60 to 95.60): VN054113.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN054113.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN054113.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

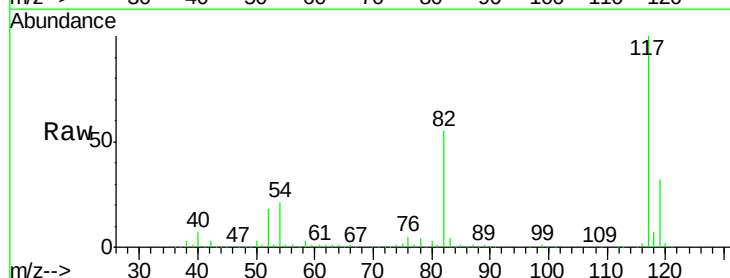
Tgt Ion: 117 Resp: 1025890

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.2

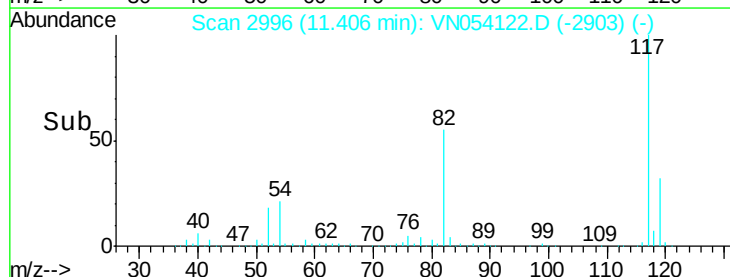
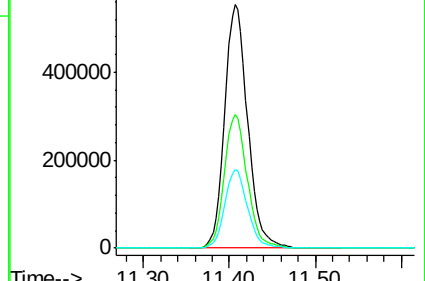
119 32.2 26.0 39.0

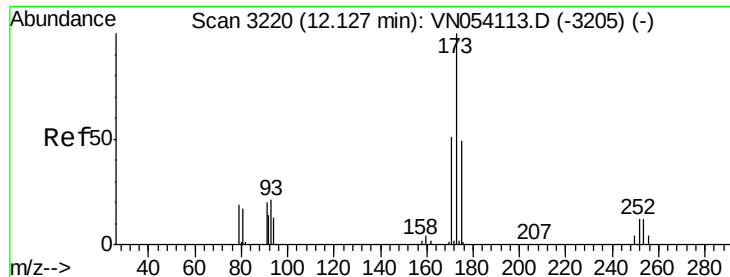


Abundance Ion 116.90 (116.60 to 117.60): VN054113.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054113.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054113.D (-2980) (-)





#71

Bromoform

Concen: 0.625 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

PB117652TB

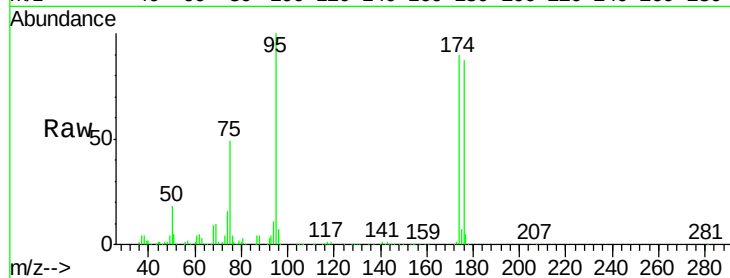
Tgt Ion:173 Resp: 3287

Ion Ratio Lower Upper

173 100

175 735.4 24.1 72.2#

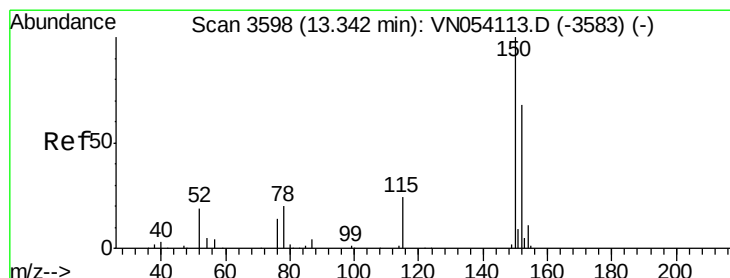
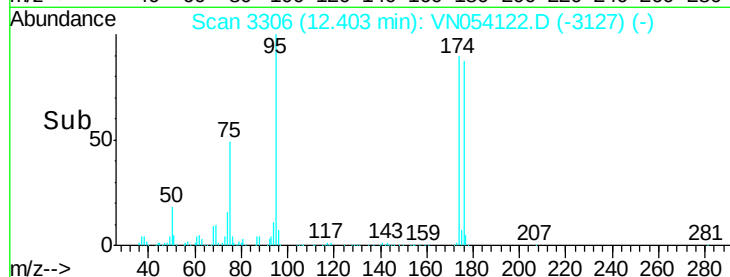
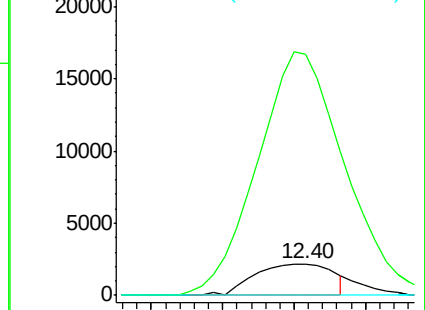
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

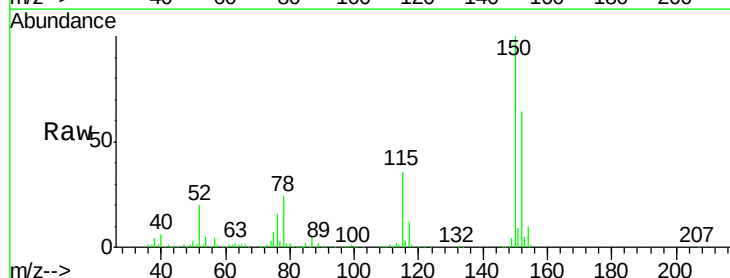
Tgt Ion:152 Resp: 358105

Ion Ratio Lower Upper

152 100

115 57.0 28.5 85.6

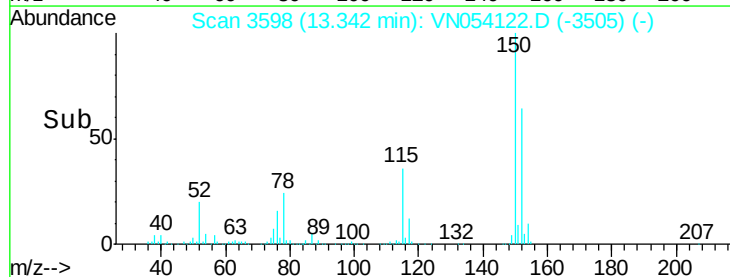
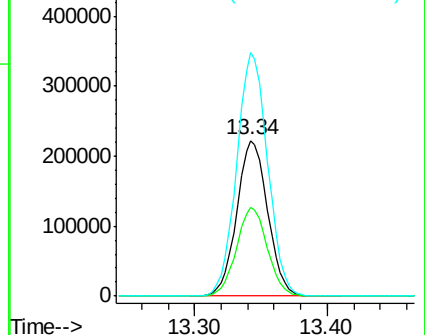
150 157.6 0.0 343.2

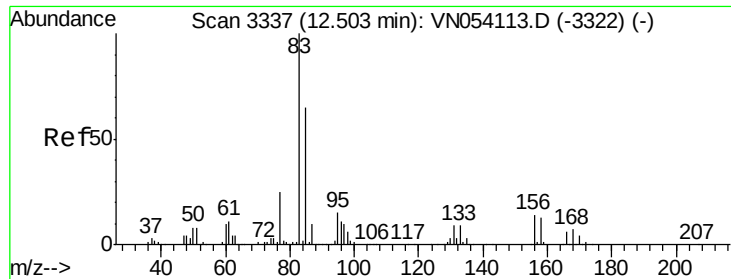


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

PB117652TB

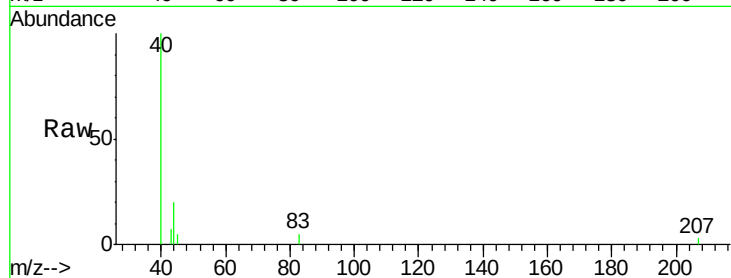
Tgt Ion: 83 Resp: 230

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

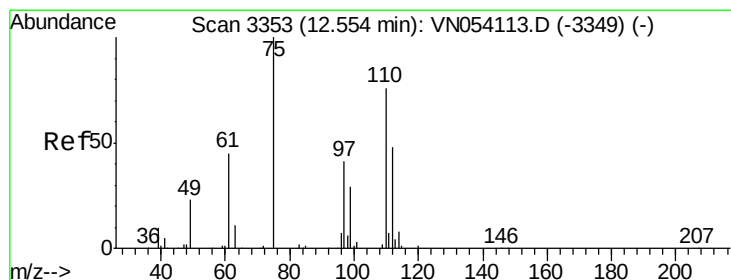
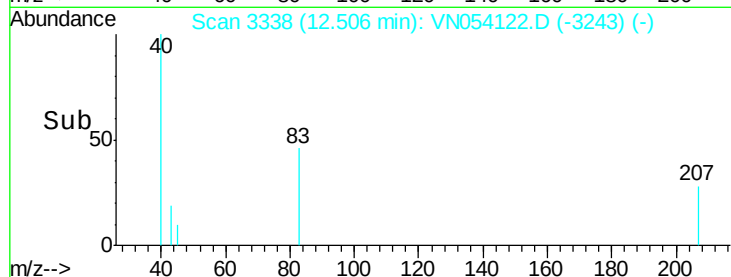
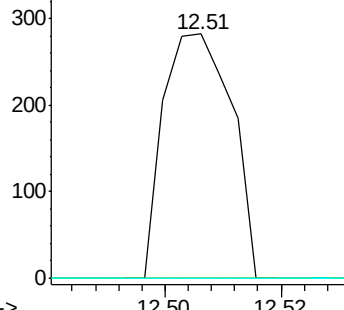
85 0.0 32.4 97.0#



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: 34.994 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054122.D

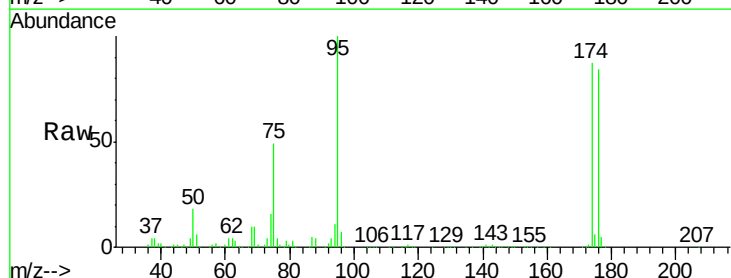
Acq: 6 Mar 2019 17:47

Tgt Ion: 75 Resp: 213565

Ion Ratio Lower Upper

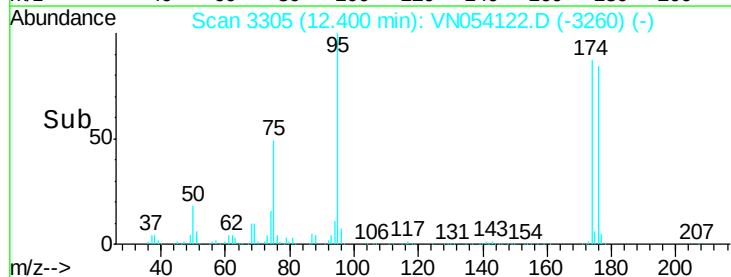
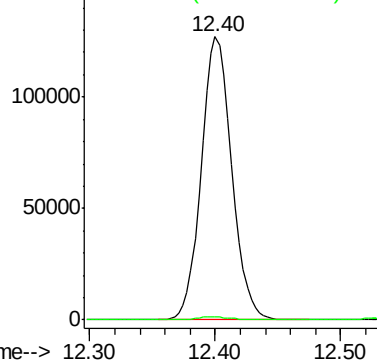
75 100

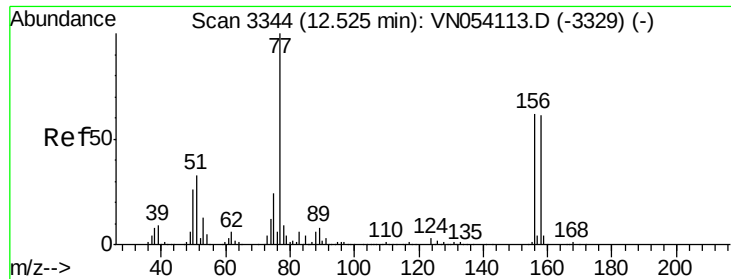
77 1.3 0.0 0.0#



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: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

PB117652TB

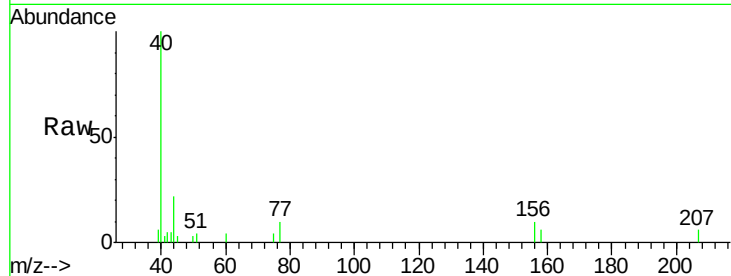
Tgt Ion:156 Resp: 533

Ion Ratio Lower Upper

156 100

77 211.3 93.6 280.8

158 89.1 48.4 145.0



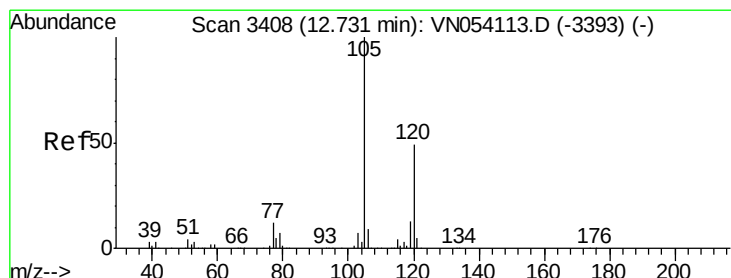
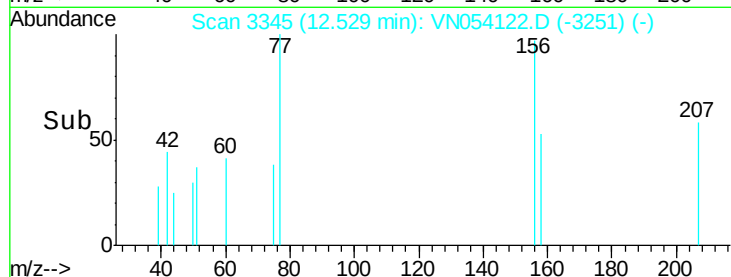
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

12.53

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.387 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054122.D

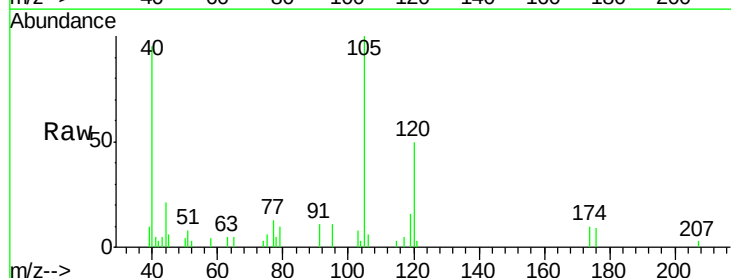
Acq: 6 Mar 2019 17:47

Tgt Ion:105 Resp: 8965

Ion Ratio Lower Upper

105 100

120 46.1 24.6 73.8

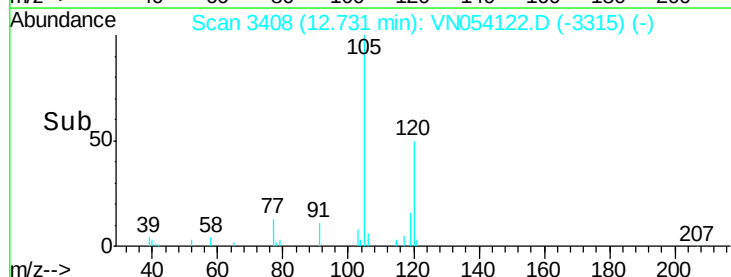


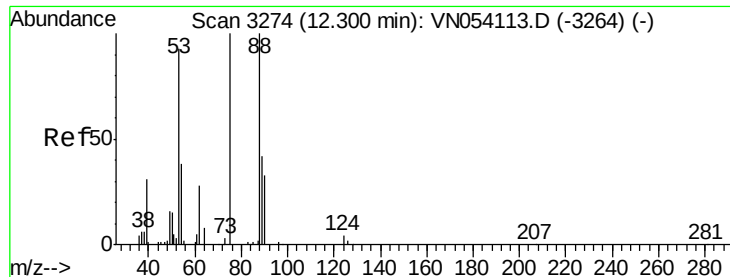
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 120.175 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

PB117652TB

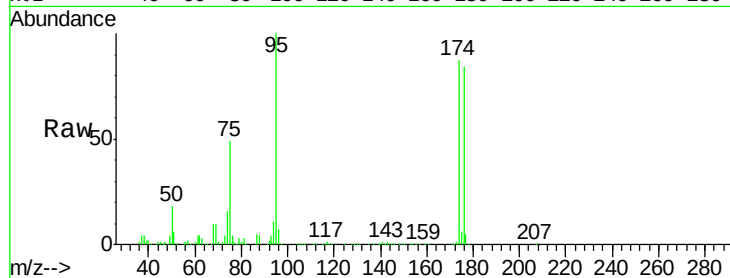
Tgt Ion: 75 Resp: 213565

Ion Ratio Lower Upper

75 100

53 0.0 76.4 114.6#

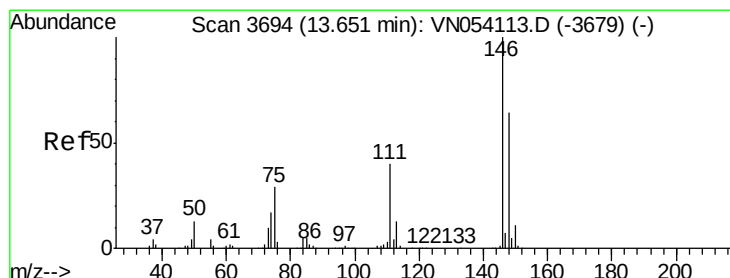
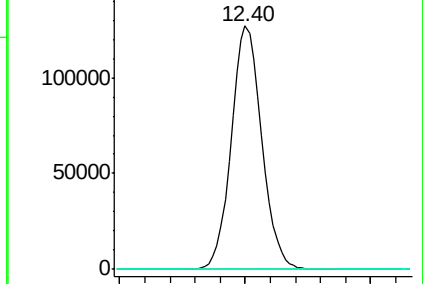
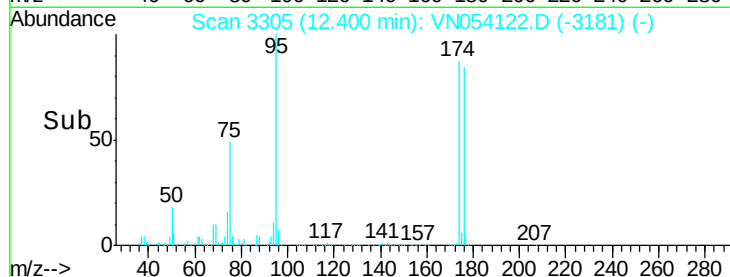
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN054122.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN054122.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN054122.D (-3181) (-)



#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN054122.D

Acq: 6 Mar 2019 17:47

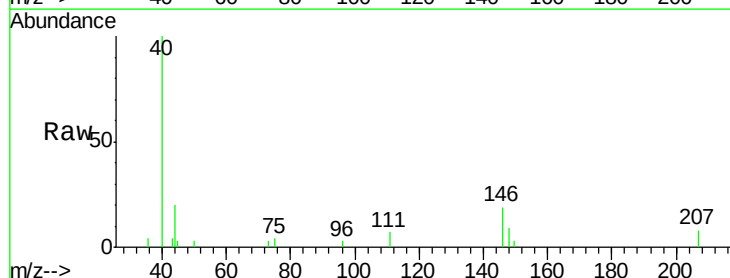
Tgt Ion: 146 Resp: 1786

Ion Ratio Lower Upper

146 100

111 36.0 20.0 60.0

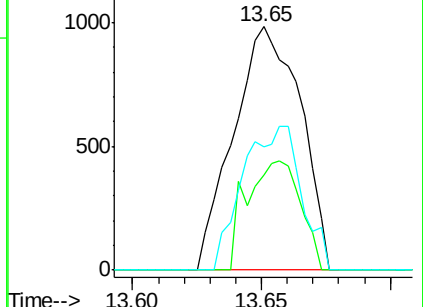
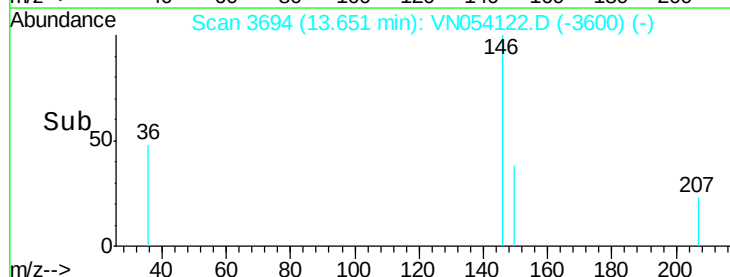
148 51.7 32.3 96.9

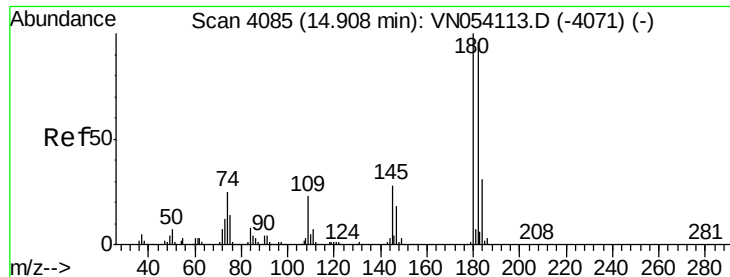


Abundance Ion 145.90 (145.60 to 146.60): VN054122.D (-3600) (-)

Ion 110.90 (110.60 to 111.60): VN054122.D (-3600) (-)

Ion 147.90 (147.60 to 148.60): VN054122.D (-3600) (-)

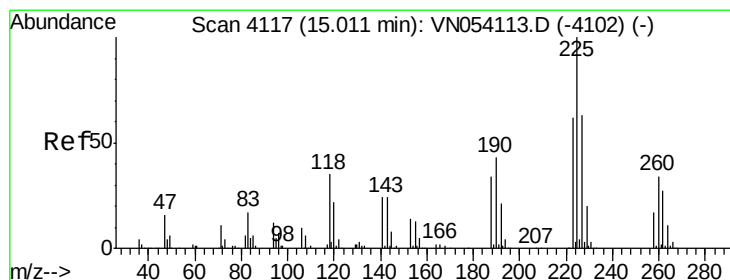
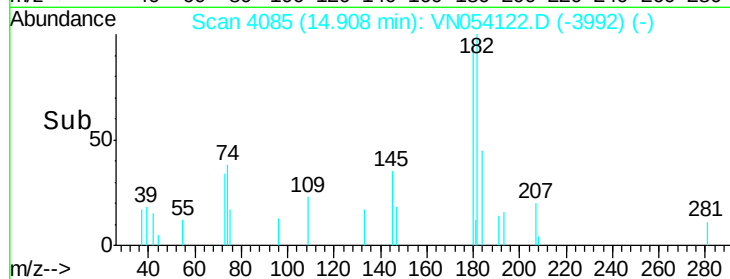
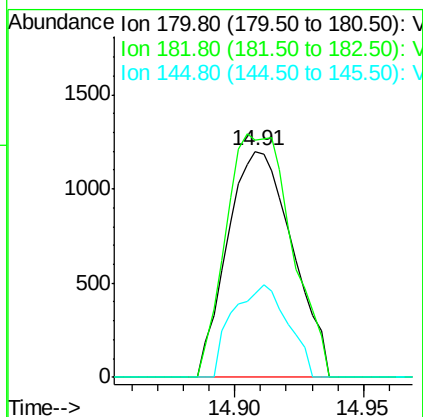
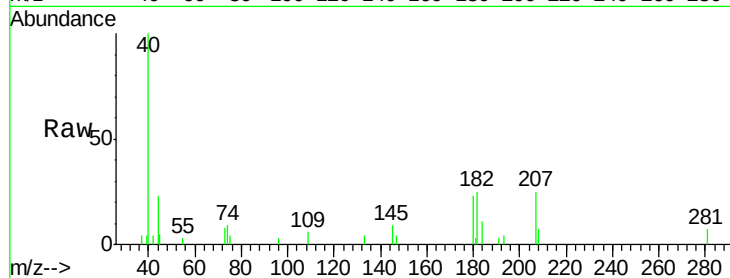




#93
 1,2,4-Trichlorobenzene
 Concen: 0.355 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054122.D
 Acq: 6 Mar 2019 17:47

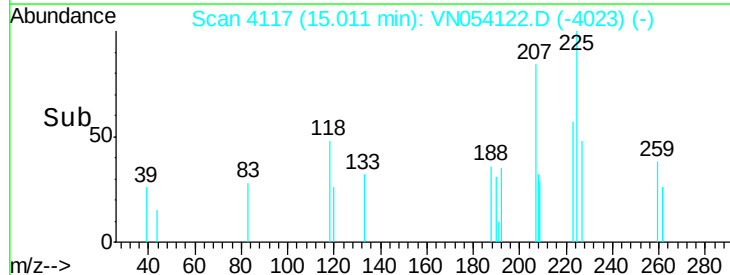
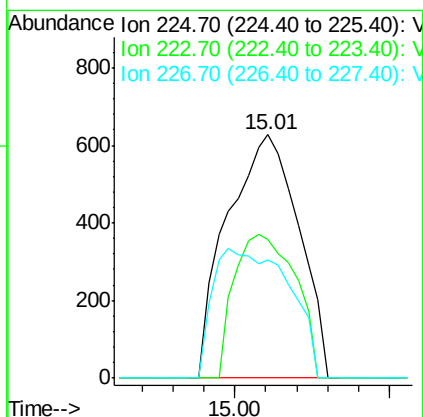
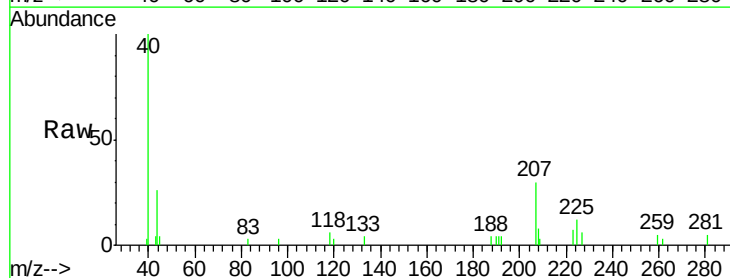
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117652TB

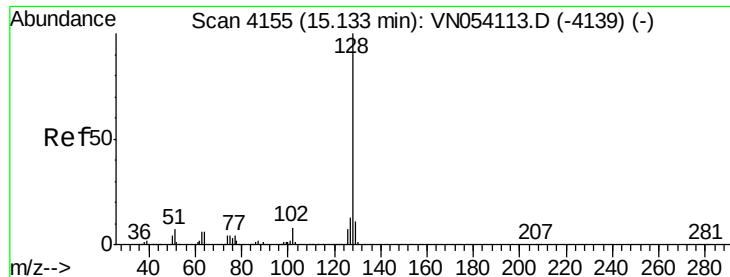
Tgt Ion:180 Resp: 2105
 Ion Ratio Lower Upper
 180 100
 182 109.1 48.1 144.3
 145 34.9 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN054122.D
 Acq: 6 Mar 2019 17:47

Tgt Ion:225 Resp: 1005
 Ion Ratio Lower Upper
 225 100
 223 50.4 31.2 93.6
 227 56.5 31.9 95.7

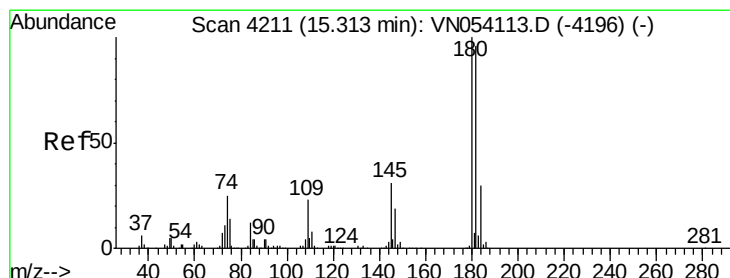
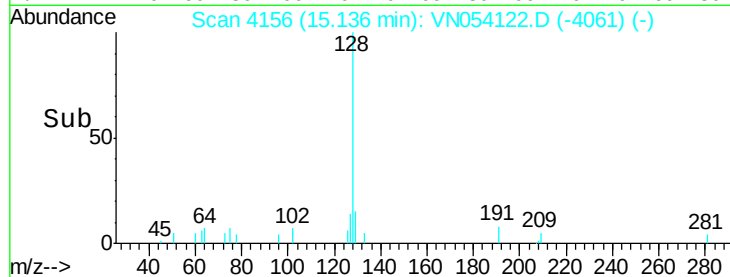
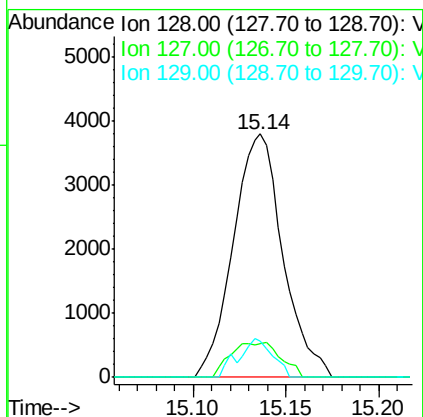
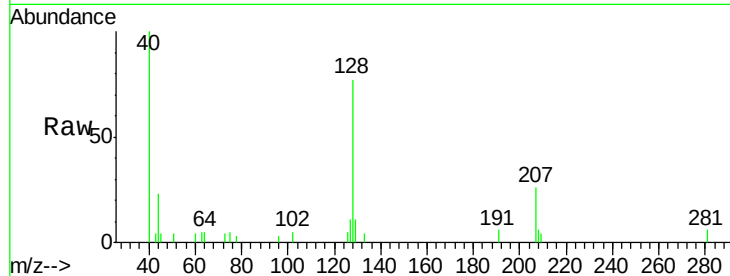




#95
Naphthalene
Concen: 5.091 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN054122.D
Acq: 6 Mar 2019 17:47

Instrument :
MSVOA_N
ClientSampled :
PB117652TB

Tgt Ion:128 Resp: 7075
Ion Ratio Lower Upper
128 100
127 7.7 10.4 15.6#
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.868 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN054122.D
Acq: 6 Mar 2019 17:47

Tgt Ion:180 Resp: 2800
Ion Ratio Lower Upper
180 100
182 91.4 47.9 143.7
145 27.0 14.9 44.5

