

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055123.D
 Acq On : 18 Apr 2019 16:11
 Operator : JC/SP
 Sample : K2198-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 19 01:30:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	532725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	843441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	695290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	226733	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	337541	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	7.59	113	265076	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
50) Toluene-d8	10.09	98	1007610	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.40	95	295836	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.80	59	132	0.340	ug/l #	72
13) Acrolein	3.62	56	253	0.527	ug/l #	26
14) Allyl chloride	4.55	41	22902	2.213	ug/l #	26
16) Acetone	3.82	43	11976	6.231	ug/l #	78
18) Methyl Acetate	4.33	43	4568	0.391	ug/l #	66
20) Methylene Chloride	4.55	84	475239	70.339	ug/l	96
25) 2-Butanone	6.86	43	2379	0.829	ug/l #	53
29) Tetrahydrofuran	7.22	42	1806	0.960	ug/l #	75
30) Chloroform	7.38	83	3180	0.289	ug/l #	83
31) Cyclohexane	7.67	56	12143	Below Cal	#	9
36) 1,1-Dichloropropene	7.67	75	40171	5.052	ug/l #	49
38) Carbon Tetrachloride	7.67	117	50524	6.679	ug/l #	16
43) Isopropyl Acetate	8.17	43	16748	1.679	ug/l	98
45) 1,2-Dichloropropane	9.27	63	1863	0.279	ug/l #	44
48) Methyl methacrylate	9.18	41	8611	1.742	ug/l #	17
51) 4-Methyl-2-Pentanone	9.99	43	6233	1.082	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	58065	6.826	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	12042	1.338	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.90	63	64	10.759	ug/l #	50
59) 2-Hexanone	10.76	43	196346	54.250	ug/l #	53
67) Ethyl Benzene	11.51	91	22226	0.889	ug/l	96
68) m/p-Xylenes	11.62	106	36488	4.032	ug/l	97
69) o-Xylene	11.95	106	15173	1.731	ug/l	92
71) Bromoform	12.40	173	3216	1.090	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	149767	36.733	ug/l #	100
78) n-propylbenzene	12.59	91	8191	0.377	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	27077	1.668	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	149767	146.889	ug/l #	2
84) 1,2,4-Trimethylbenzene	13.04	105	112443	7.308	ug/l	99
85) sec-Butylbenzene	13.04	105	112443	6.435	ug/l #	57
89) n-Butylbenzene	13.61	91	2853	0.256	ug/l #	83
90) Hexachloroethane	13.89	117	669	0.274	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.90	180	1316	3.035	ug/l #	14
94) Hexachlorobutadiene	15.00	225	901	0.380	ug/l	71

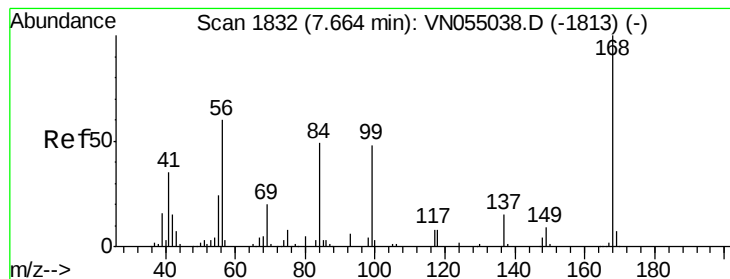
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
Data File : VN055123.D
Acq On : 18 Apr 2019 16:11
Operator : JC/SP
Sample : K2198-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 19 01:30:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	13885	4.682	ug/l	97
96) 1,2,3-Trichlorobenzene	15.30	180	783	0.265	ug/l #	2

(#) = 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: VN055123.D

Acq: 18 Apr 2019 16:11

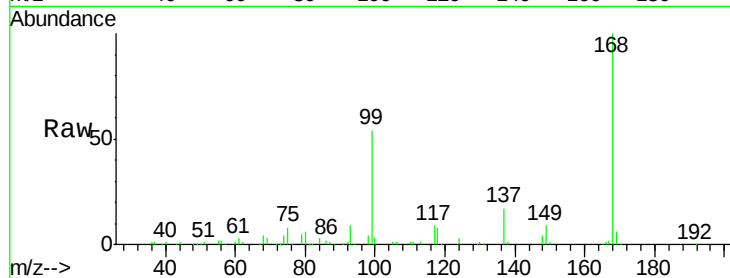
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 532725

Ion Ratio Lower Upper

168 100

99 54.4 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

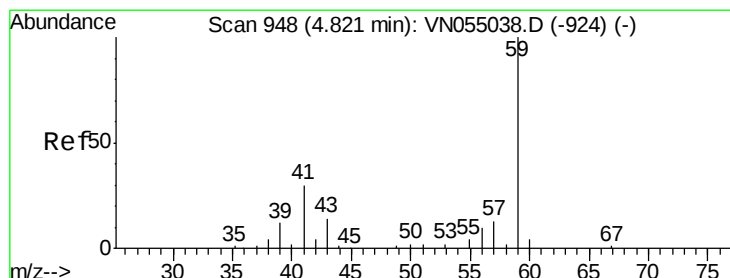
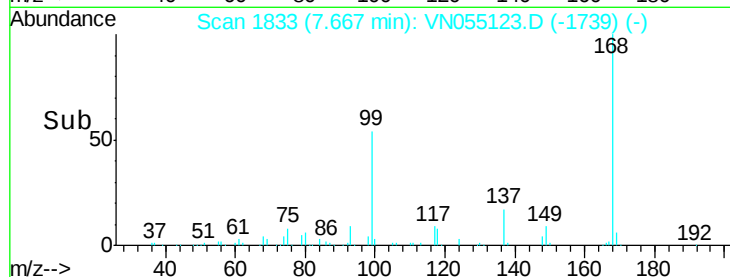
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.340 ug/l

RT: 4.80 min Scan# 940

Delta R.T. -0.03 min

Lab File: VN055123.D

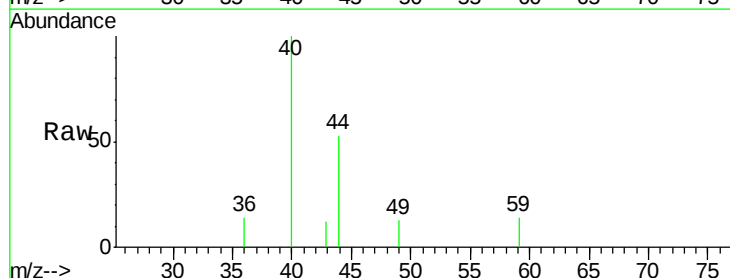
Acq: 18 Apr 2019 16:11

Tgt Ion: 59 Resp: 132

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.80

200

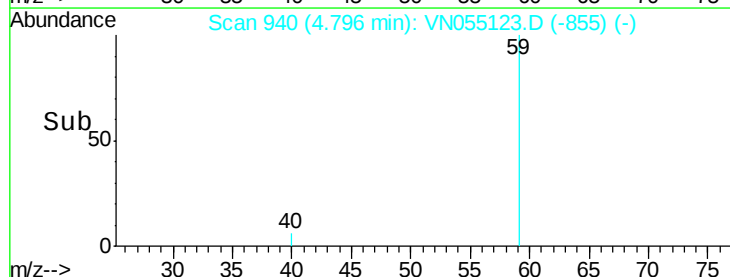
150

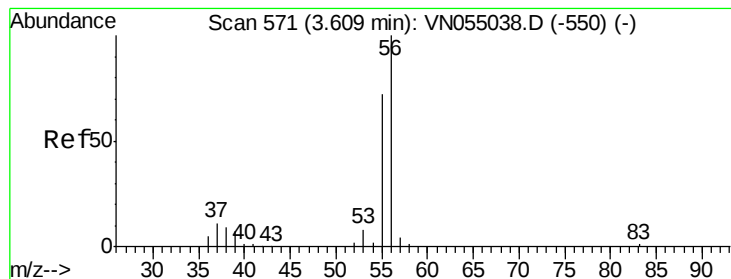
100

50

0

Time-->





#13

Acrolein

Concen: 0.527 ug/l

RT: 3.62 min Scan# 575

Delta R.T. 0.01 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

Instrument :

MSVOA_N

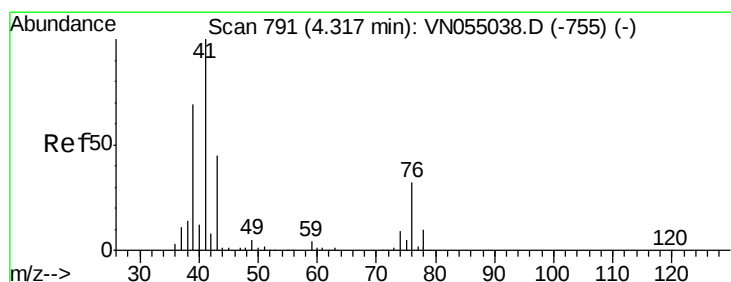
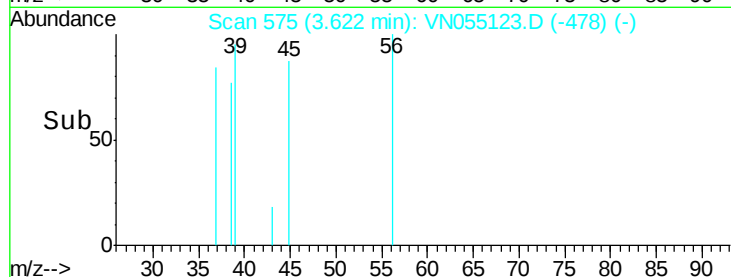
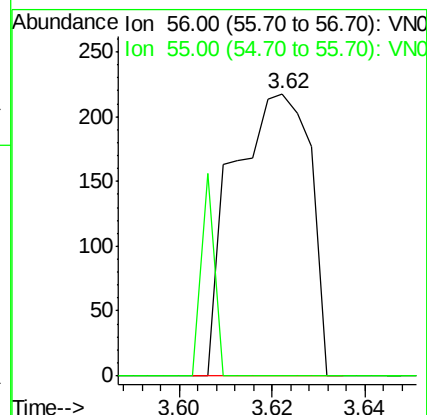
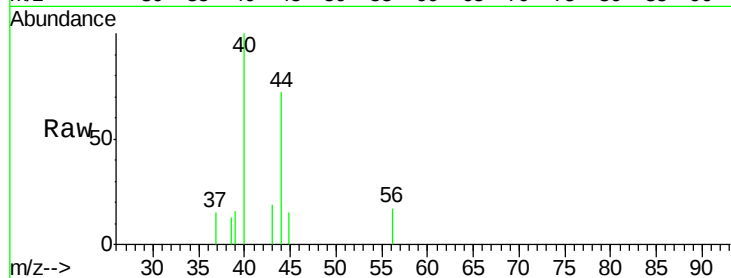
ClientSampleId :

Tot Ion: 56 Resp: 253

Ion Ratio Lower Upper

56 100

55 11.9 59.5 89.3#



#14

Allyl chloride

Concen: 2.213 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.24 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

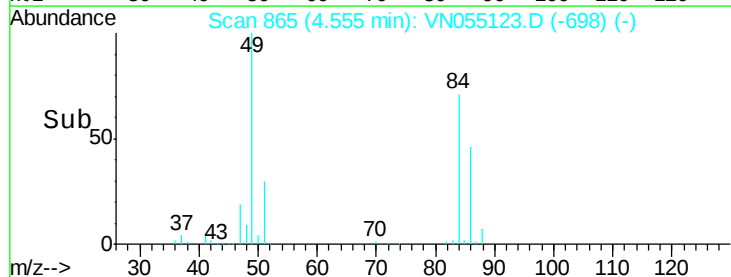
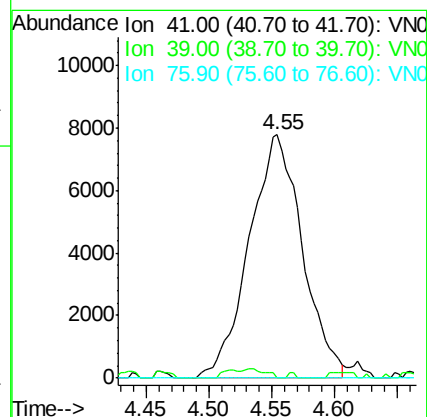
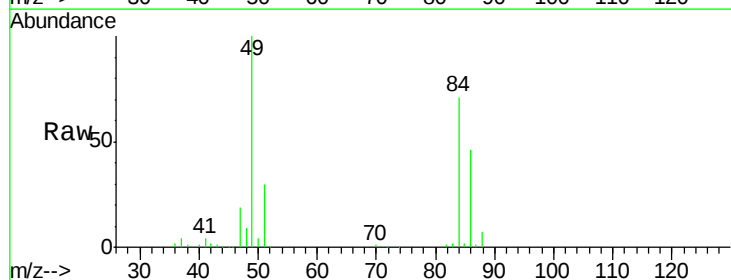
Tgt Ion: 41 Resp: 22902

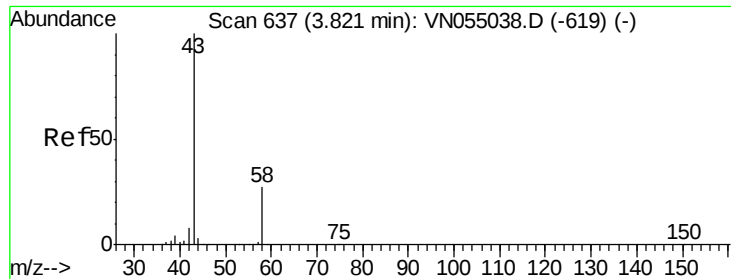
Ion Ratio Lower Upper

41 100

39 0.3 52.7 79.1#

76 0.0 23.2 34.8#





#16

Acetone

Concen: 6.231 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

Instrument :

MSVOA_N

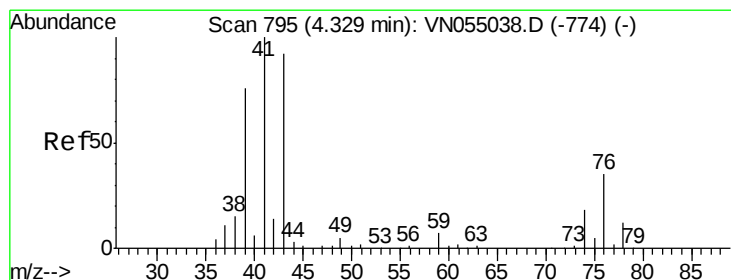
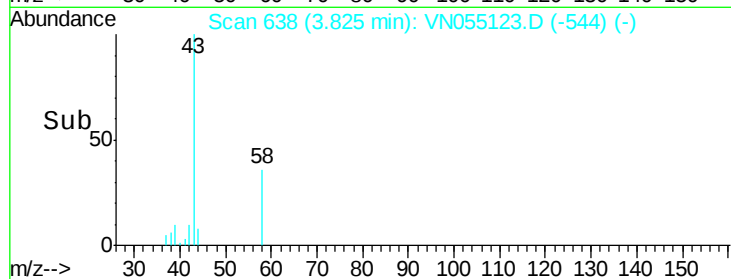
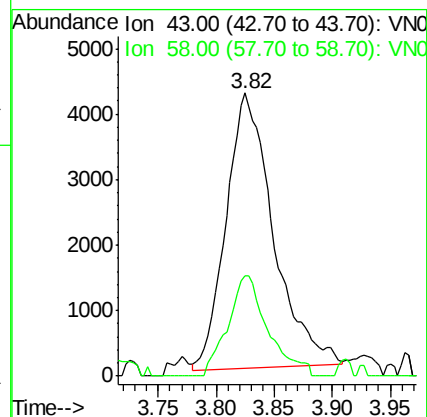
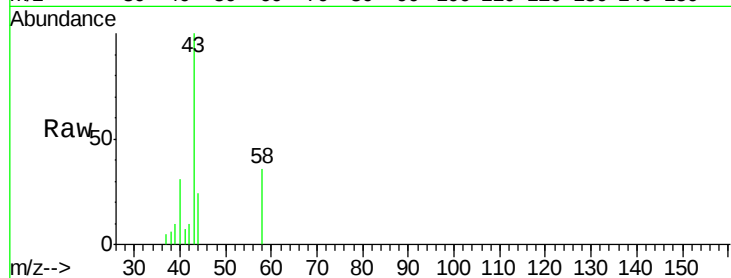
ClientSampleId :

Tot Ion: 43 Resp: 11976

Ion Ratio Lower Upper

43 100

58 37.1 20.9 31.3#



#18

Methyl Acetate

Concen: 0.391 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN055123.D

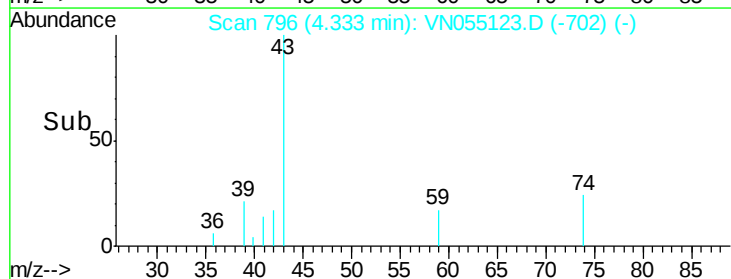
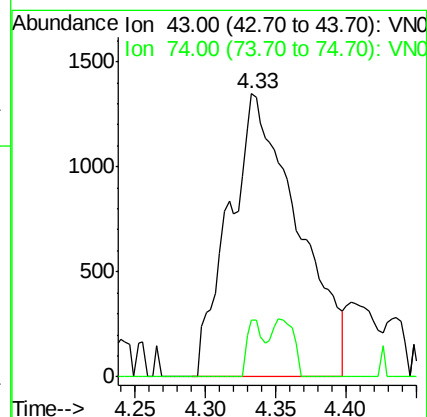
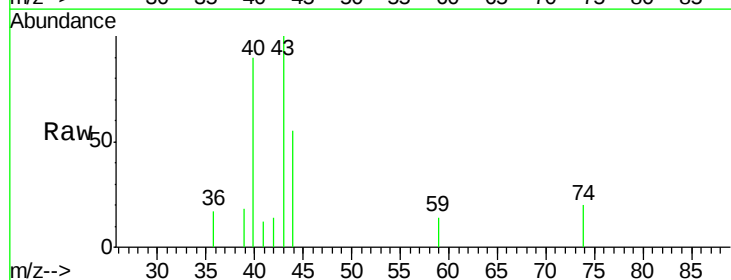
Acq: 18 Apr 2019 16:11

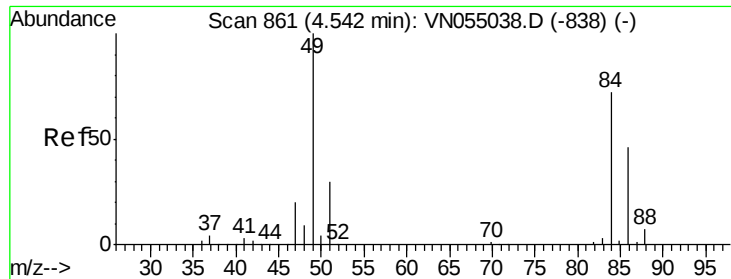
Tgt Ion: 43 Resp: 4568

Ion Ratio Lower Upper

43 100

74 4.6 16.1 24.1#

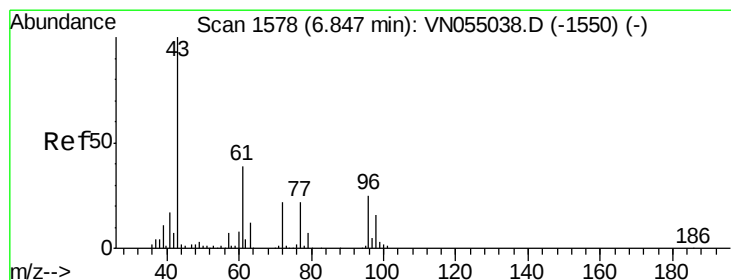
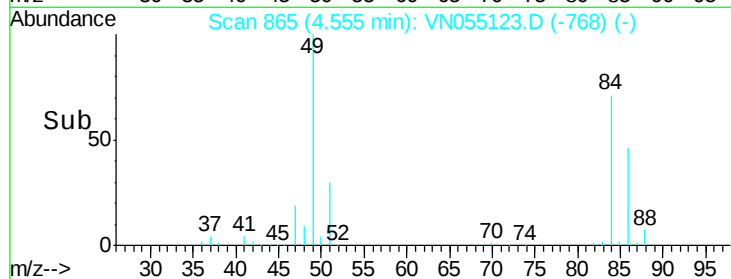
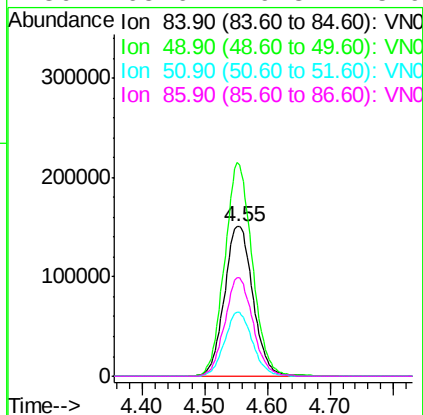
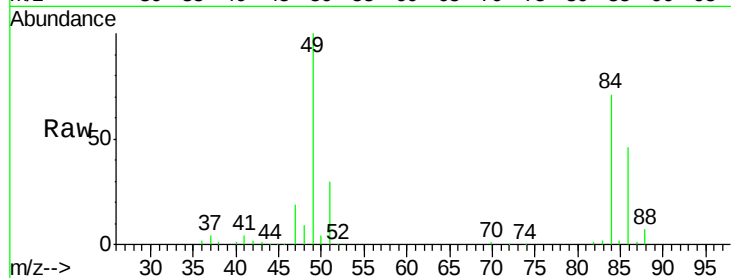




#20
Methvlene Chloride
Concen: 70.339 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN055123.D
Acq: 18 Apr 2019 16:11

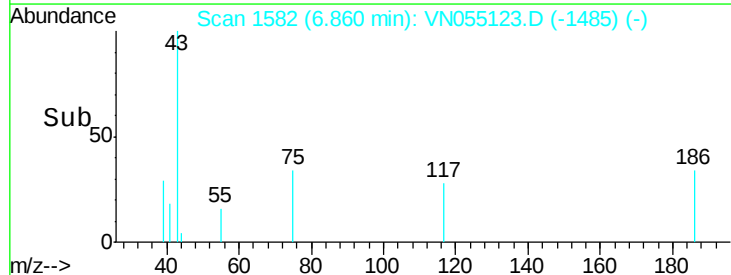
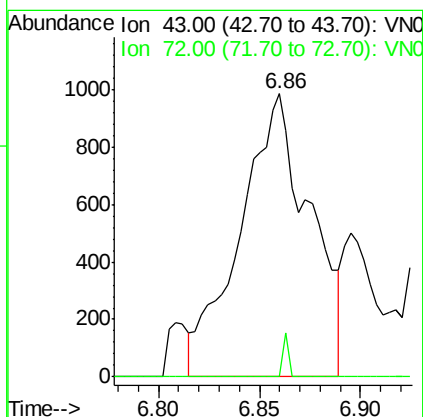
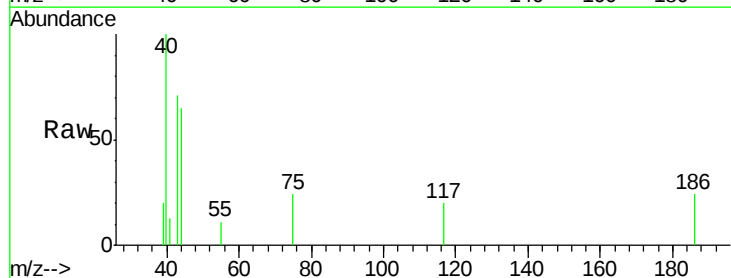
Instrument :
MSVOA_N
ClientSampled :

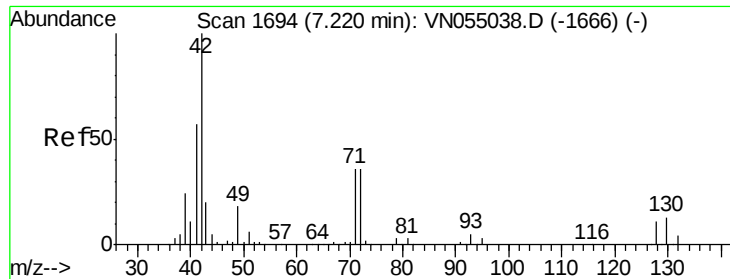
Tot Ion: 84 Resp: 475239
Ion Ratio Lower Upper
84 100
49 141.3 109.4 164.2
51 42.5 32.2 48.4
86 65.6 49.3 73.9



#25
2-Butanone
Concen: 0.829 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VN055123.D
Acq: 18 Apr 2019 16:11

Tgt Ion: 43 Resp: 2379
Ion Ratio Lower Upper
43 100
72 0.0 18.1 27.1#

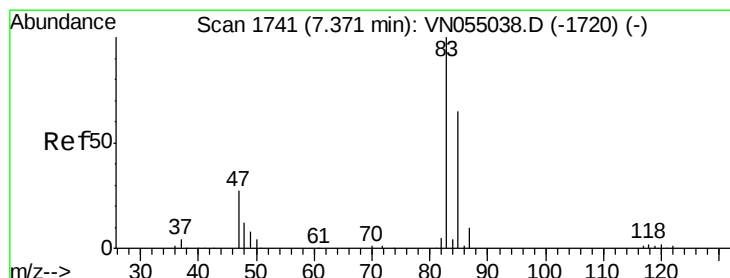
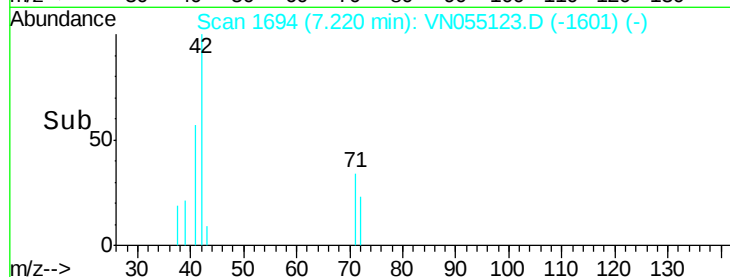
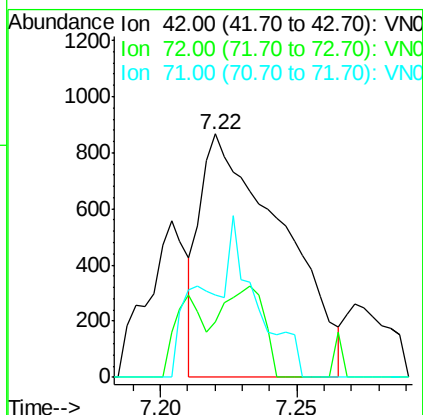
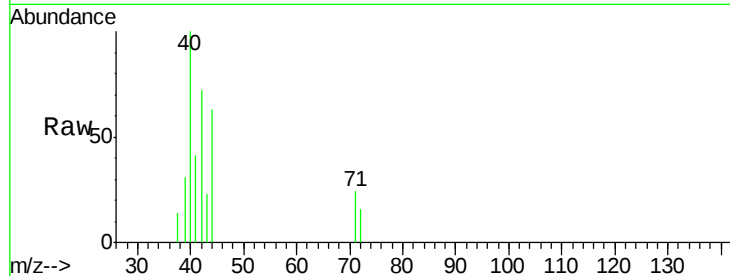




#29
Tetrahydrofuran
Concen: 0.960 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN055123.D
Acq: 18 Apr 2019 16:11

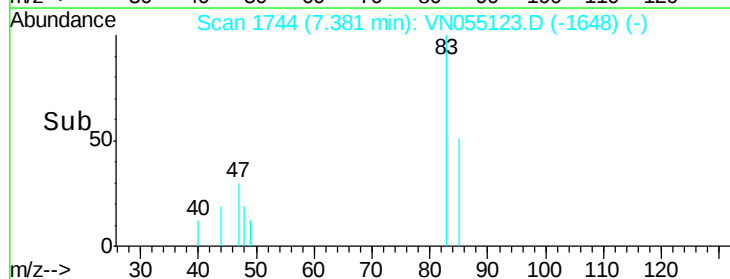
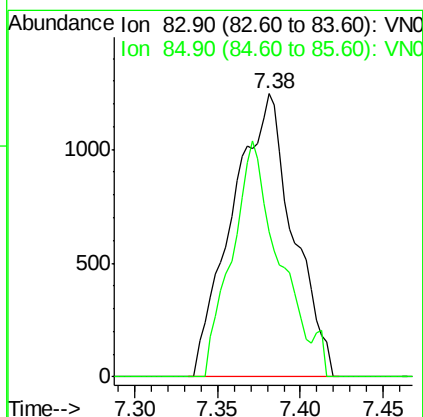
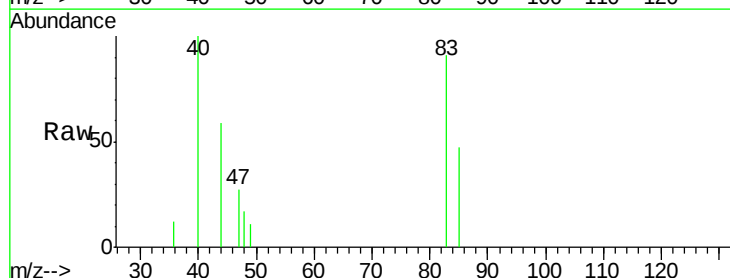
Instrument :
MSVOA_N
ClientSampled :

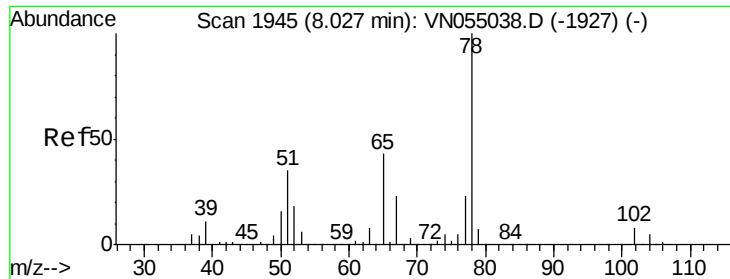
Tot Ion: 42 Resp: 1806
Ion Ratio Lower Upper
42 100
72 19.7 29.4 44.0#
71 22.8 27.8 41.6#



#30
Chloroform
Concen: 0.289 ug/l
RT: 7.38 min Scan# 1744
Delta R.T. 0.01 min
Lab File: VN055123.D
Acq: 18 Apr 2019 16:11

Tgt Ion: 83 Resp: 3180
Ion Ratio Lower Upper
83 100
85 51.4 51.8 77.6#

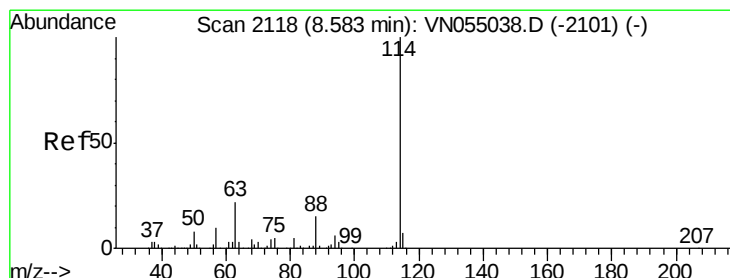
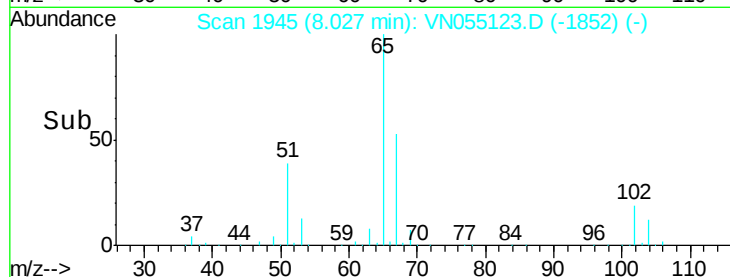
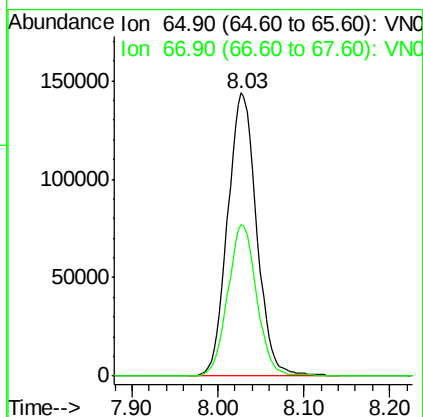
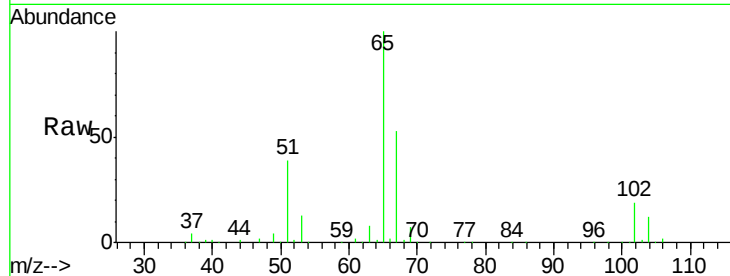




#33
 1,2-Dichloroethane-d4
 Concen: 47.667 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055123.D
 Acq: 18 Apr 2019 16:11

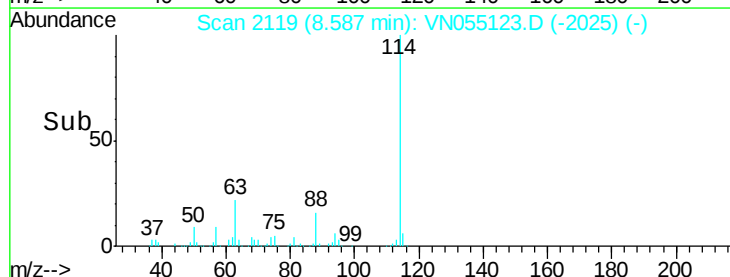
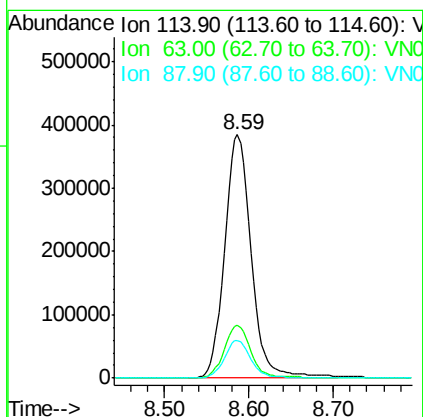
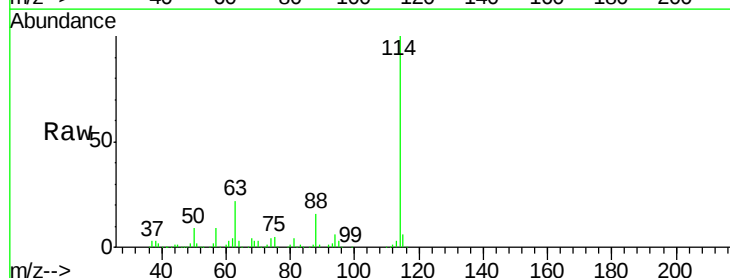
Instrument :
 MSVOA_N
 ClientSampleId :

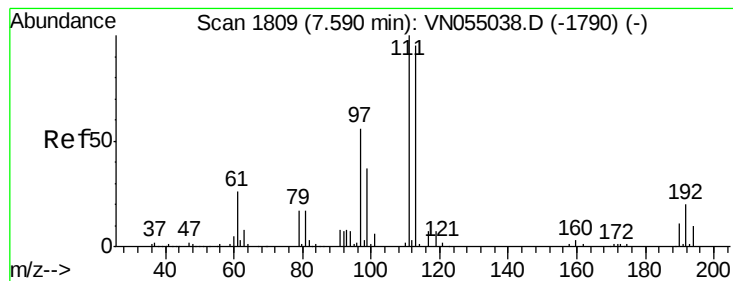
Tot Ion: 65 Resp: 337541
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055123.D
 Acq: 18 Apr 2019 16:11

Tgt Ion: 114 Resp: 843441
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.2
 88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.026 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

Instrument :

MSVOA_N

ClientSampleId :

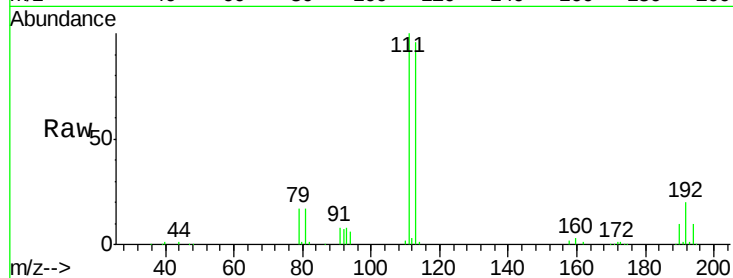
Tot Ion:113 Resp: 265076

Ion Ratio Lower Upper

113 100

111 103.3 82.1 123.1

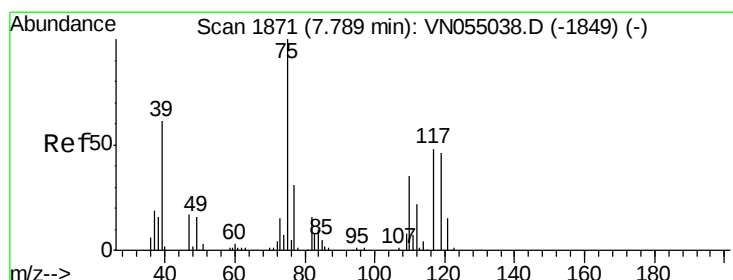
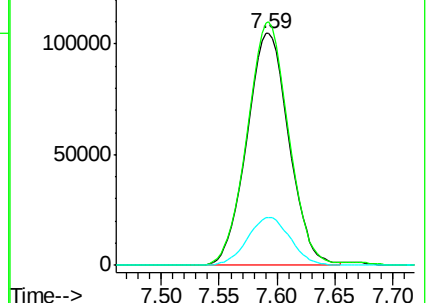
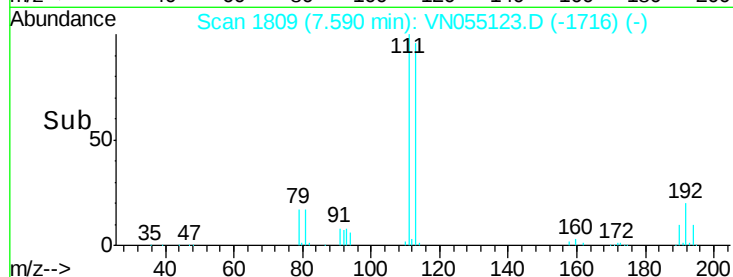
192 21.0 16.5 24.7



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: 5.052 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

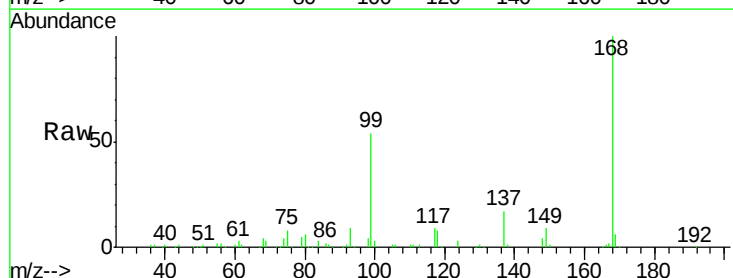
Tgt Ion: 75 Resp: 40171

Ion Ratio Lower Upper

75 100

110 8.1 17.5 52.5#

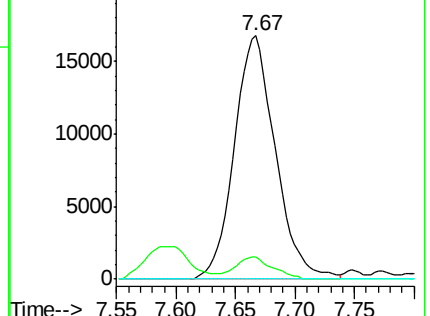
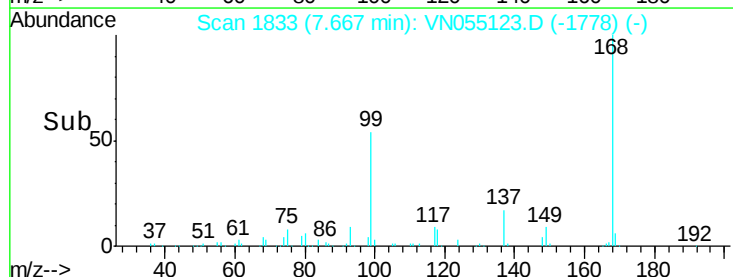
77 0.0 24.9 37.3#

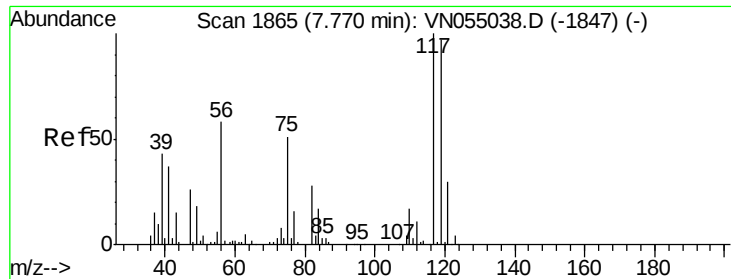


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.679 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.10 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

Instrument :

MSVOA_N

ClientSampleId :

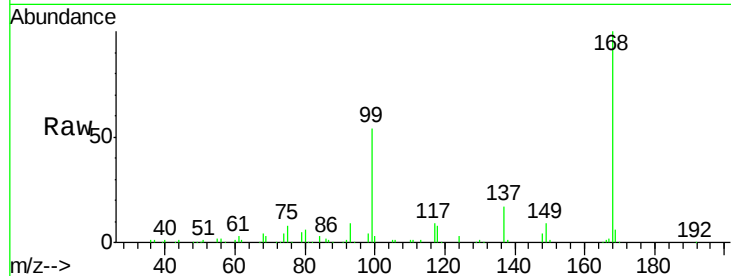
Tot Ion:117 Resp: 50524

Ion Ratio Lower Upper

117 100

119 4.5 76.3 114.5#

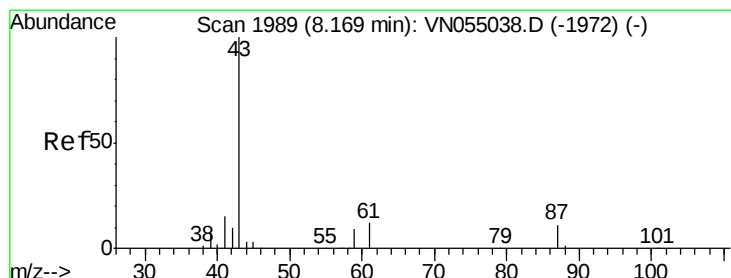
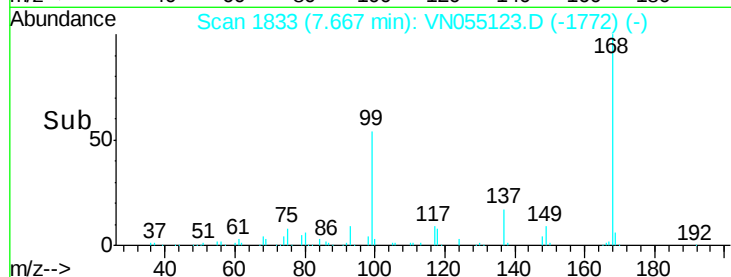
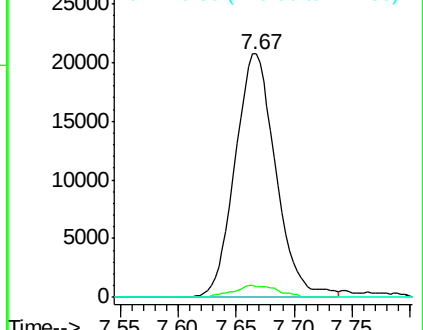
121 0.0 23.9 35.9#



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



#43

Isopropyl Acetate

Concen: 1.679 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

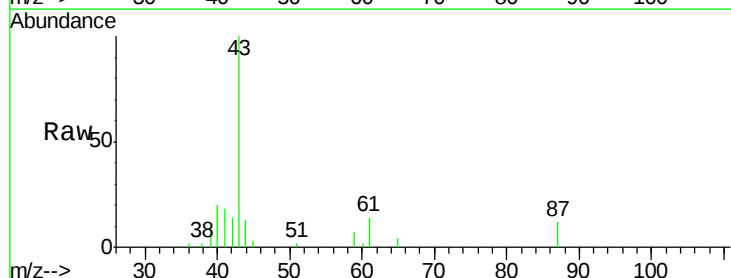
Tgt Ion: 43 Resp: 16748

Ion Ratio Lower Upper

43 100

61 17.1 14.3 21.5

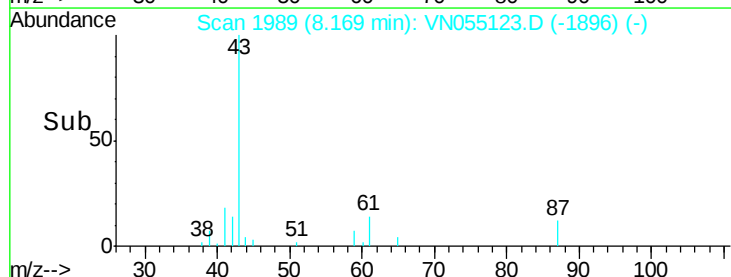
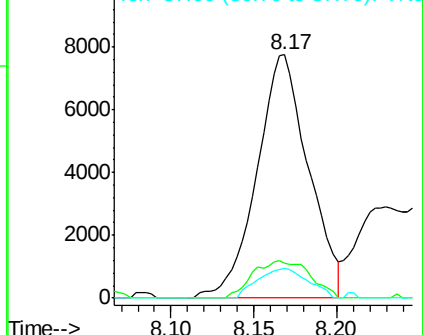
87 12.0 8.6 13.0

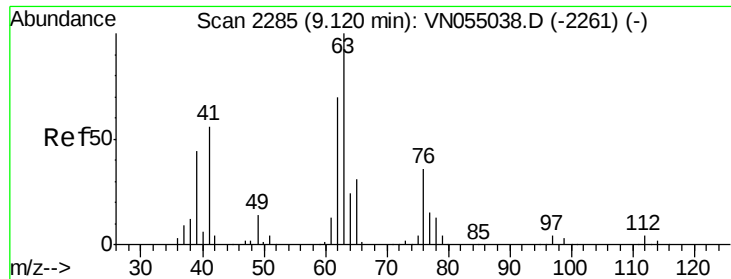


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

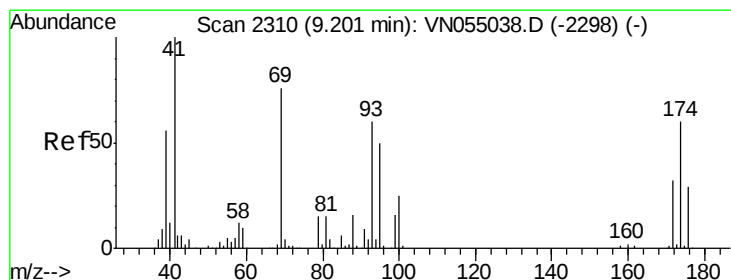
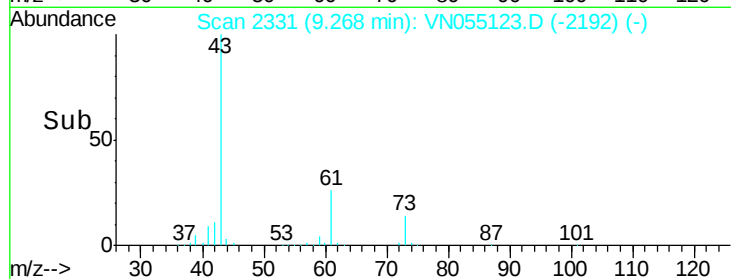
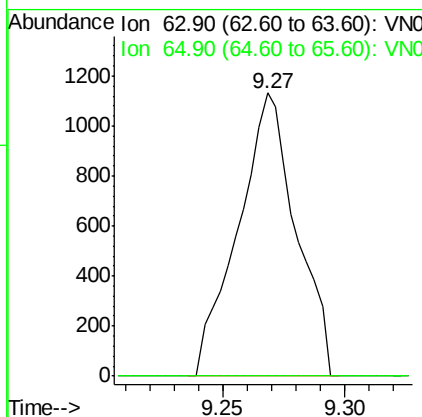
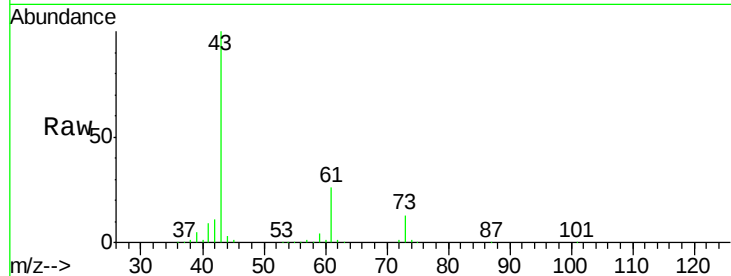




#45
 1,2-Dichloropropane
 Concen: 0.279 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN055123.D
 Acq: 18 Apr 2019 16:11

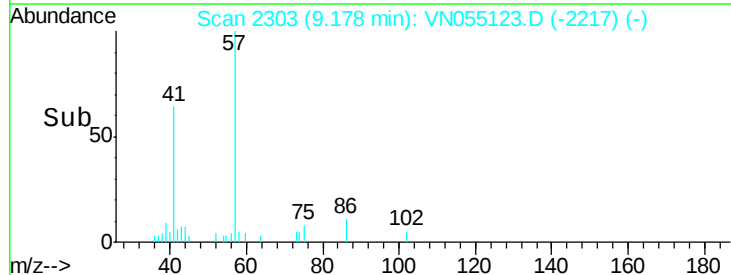
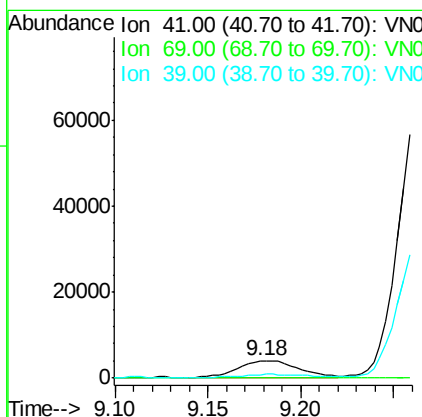
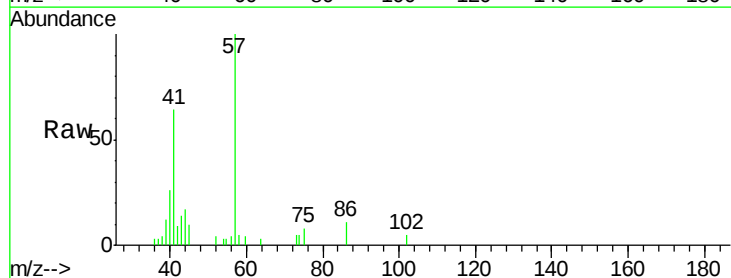
Instrument :
 MSVOA_N
 ClientSampleId :

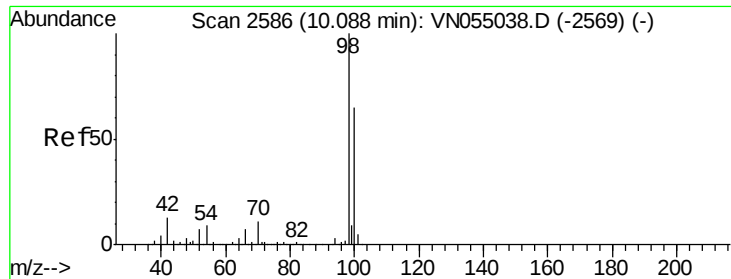
Tot Ion: 63 Resp: 1863
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.4 36.6#



#48
 Methyl methacrylate
 Concen: 1.742 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN055123.D
 Acq: 18 Apr 2019 16:11

Tgt Ion: 41 Resp: 8611
 Ion Ratio Lower Upper
 41 100
 69 0.0 60.5 90.7#
 39 0.0 43.9 65.9#

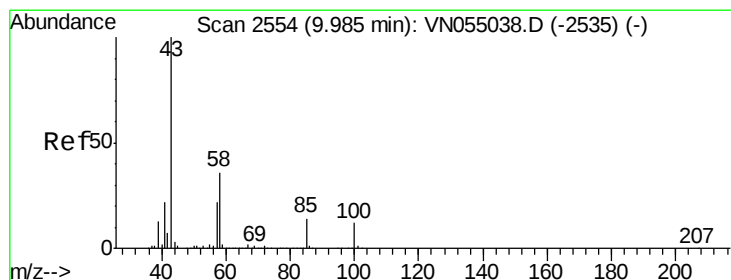
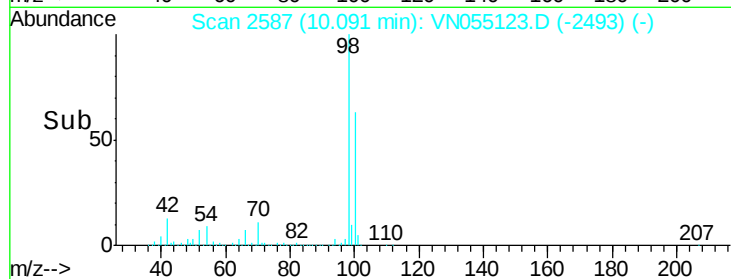
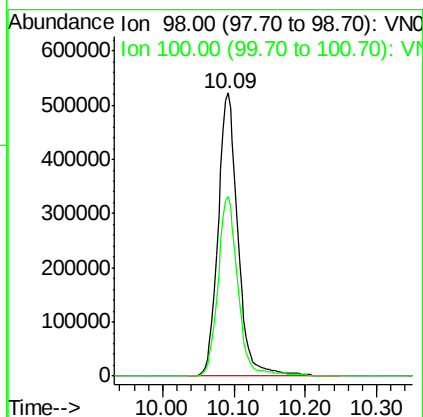
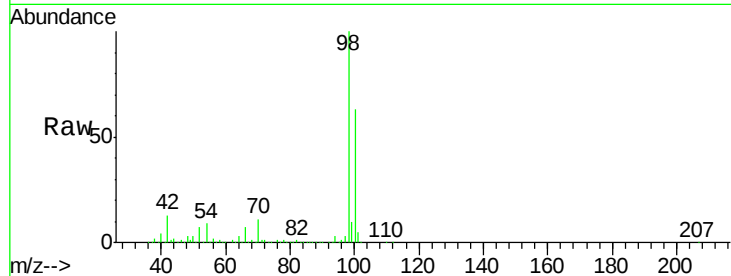




#50
Toluene-d8
Concen: 49.945 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055123.D
Acq: 18 Apr 2019 16:11

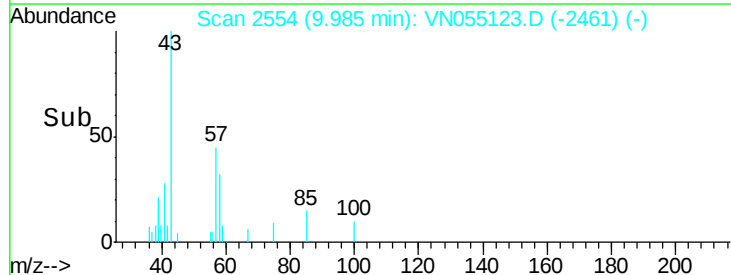
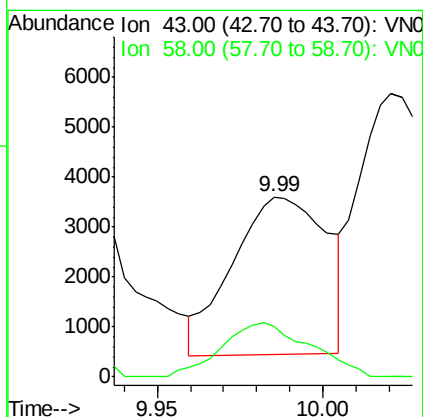
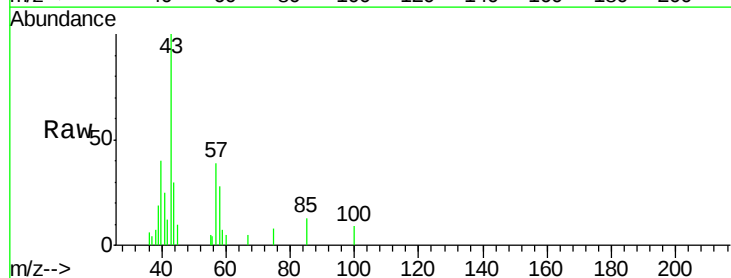
Instrument :
MSVOA_N
ClientSampleId :

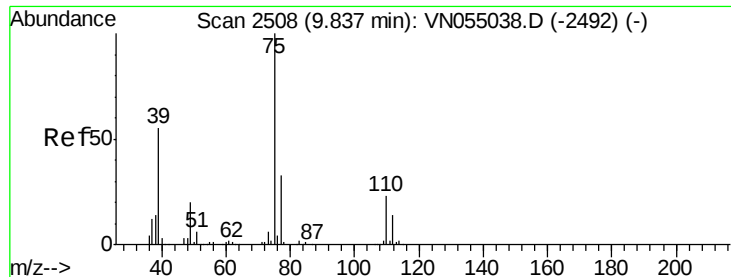
Tot Ion: 98 Resp: 1007610
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7



#51
4-Methyl-2-Pentanone
Concen: 1.082 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055123.D
Acq: 18 Apr 2019 16:11

Tgt Ion: 43 Resp: 6233
Ion Ratio Lower Upper
43 100
58 32.4 29.0 43.4





#54

cis-1,3-Dichloropropene

Concen: 6.826 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

Instrument :

MSVOA_N

ClientSampleId :

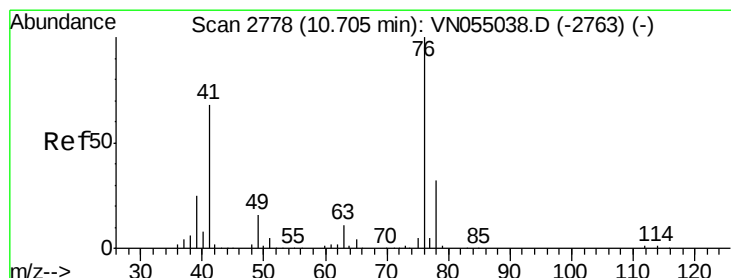
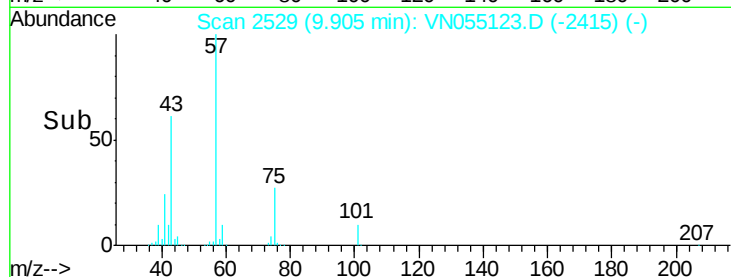
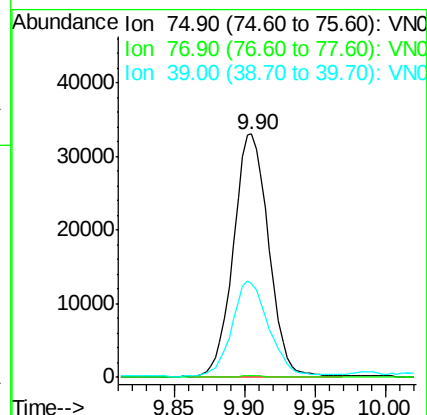
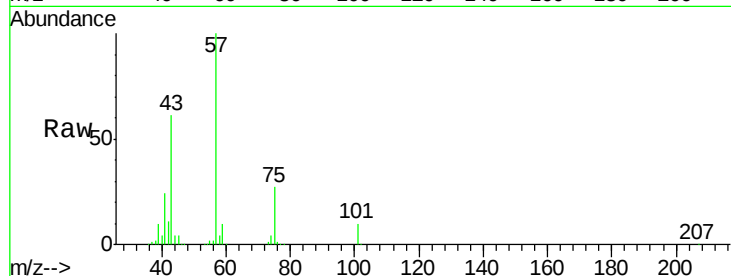
Tot Ion: 75 Resp: 58065

Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

39 38.2 43.8 65.8#



#57

1,3-Dichloropropane

Concen: 1.338 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055123.D

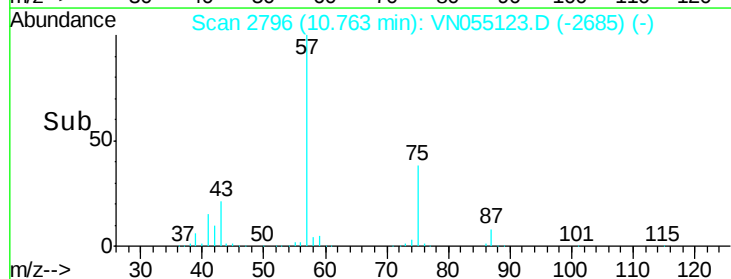
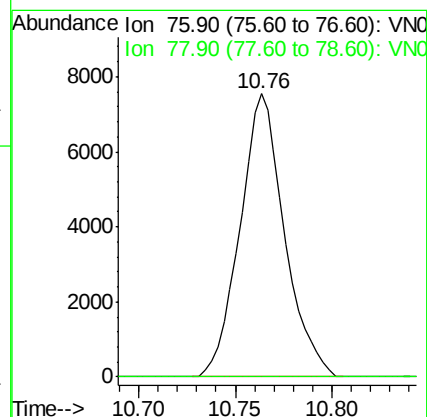
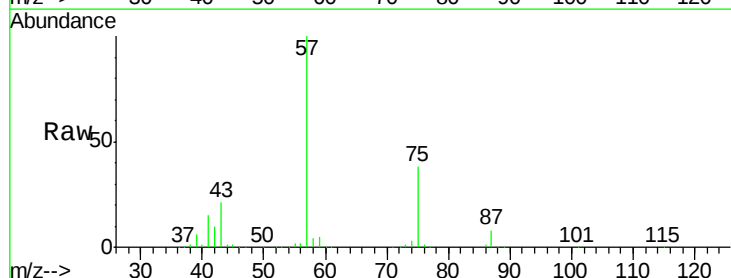
Acq: 18 Apr 2019 16:11

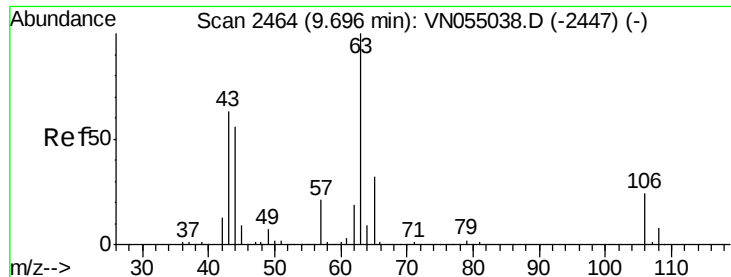
Tgt Ion: 76 Resp: 12042

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#





#58

2-Chloroethyl Vinyl ether

Concen: 10.759 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.20 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

Instrument :

MSVOA_N

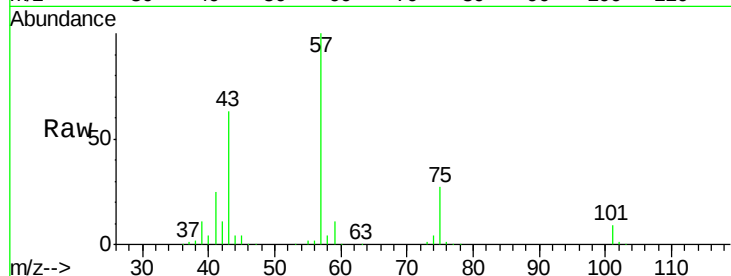
ClientSampleId :

Tot Ion: 63 Resp: 64

Ion Ratio Lower Upper

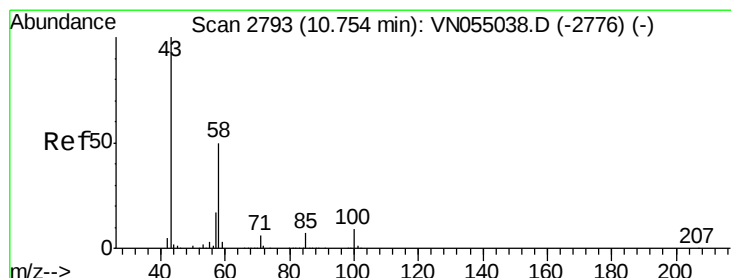
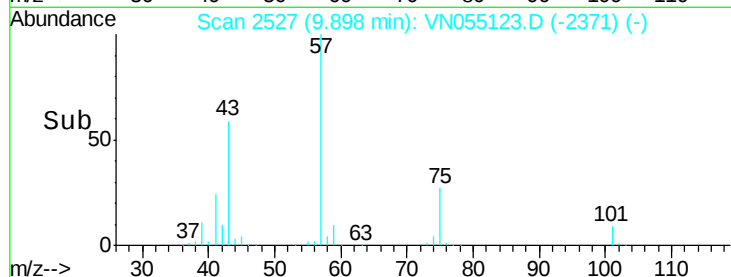
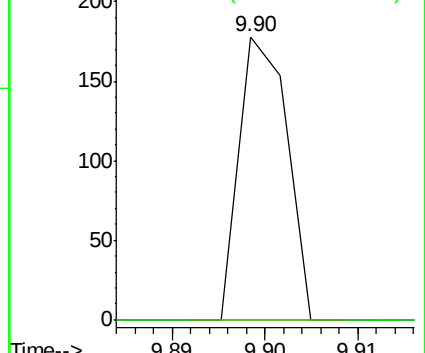
63 100

106 0.0 20.0 30.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 54.250 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055123.D

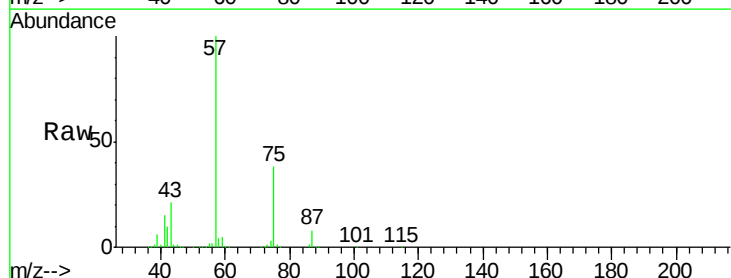
Acq: 18 Apr 2019 16:11

Tgt Ion: 43 Resp: 196346

Ion Ratio Lower Upper

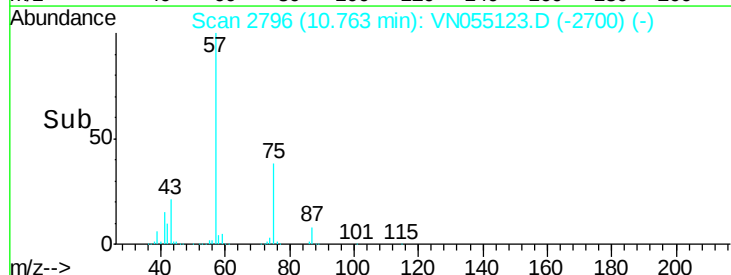
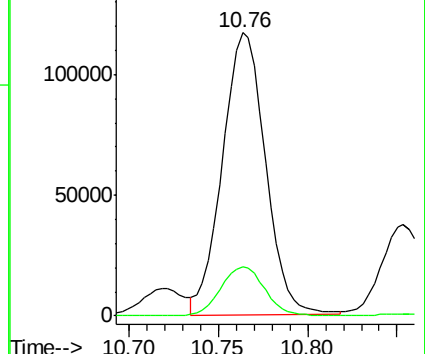
43 100

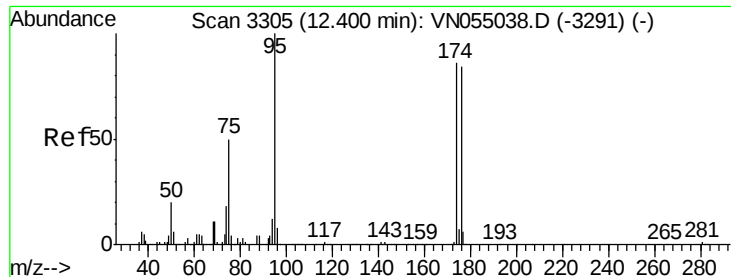
58 17.9 25.1 75.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.106 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

Instrument :

MSVOA_N

ClientSampleId :

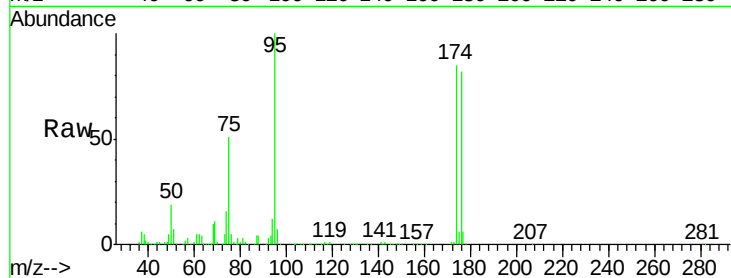
Tot Ion: 95 Resp: 295836

Ion Ratio Lower Upper

95 100

174 85.2 0.0 174.4

176 82.8 0.0 166.8

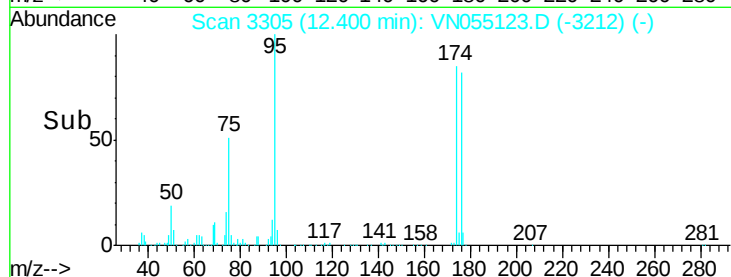


Abundance Ion 94.90 (94.60 to 95.60): VN055123.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055123.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055123.D (-3212) (-)

Time--> 12.30 12.40 12.50

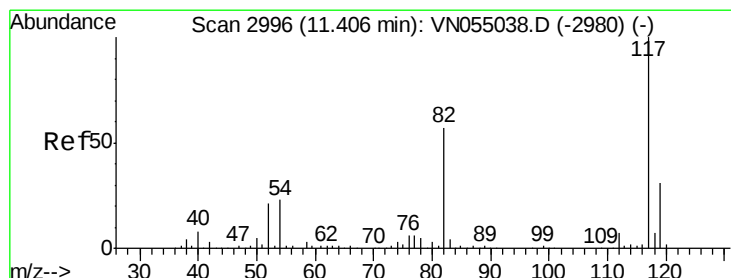


Abundance Ion 94.90 (94.60 to 95.60): VN055123.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055123.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055123.D (-3212) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

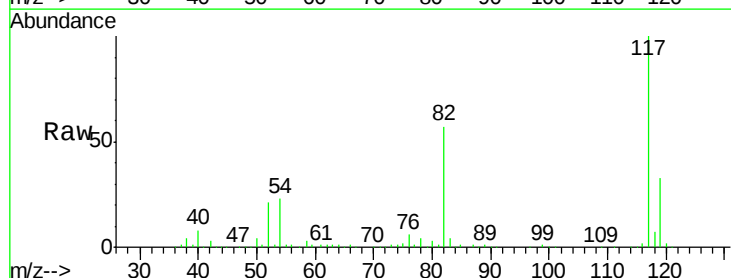
Tgt Ion: 117 Resp: 695290

Ion Ratio Lower Upper

117 100

82 56.8 44.6 66.8

119 32.6 25.5 38.3

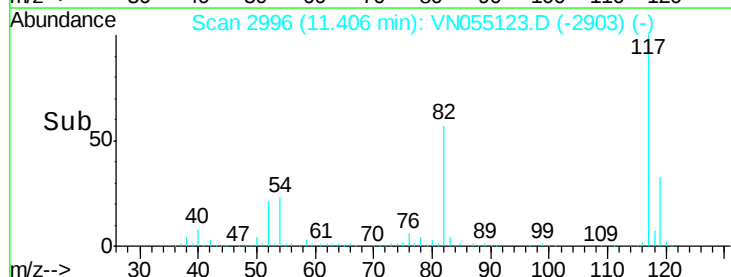


Abundance Ion 116.90 (116.60 to 117.60): VN055123.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055123.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055123.D (-2903) (-)

Time--> 11.30 11.40 11.50

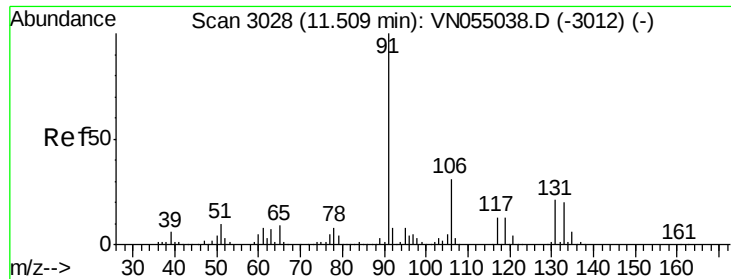


Abundance Ion 116.90 (116.60 to 117.60): VN055123.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055123.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055123.D (-2903) (-)

Time--> 11.30 11.40 11.50



#67

Ethyl Benzene

Concen: 0.889 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

Instrument :

MSVOA_N

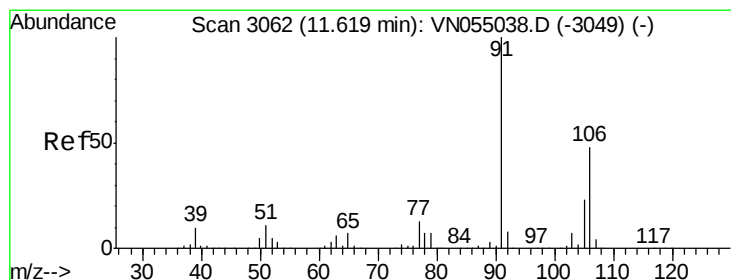
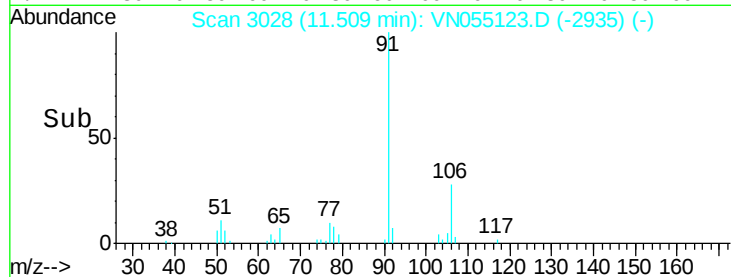
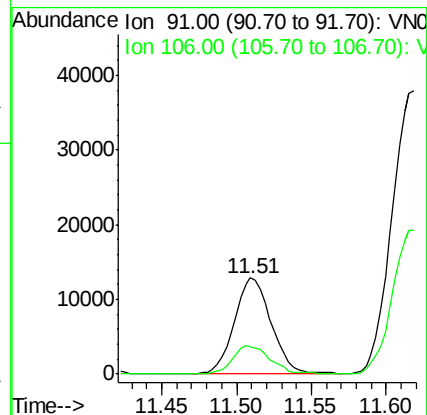
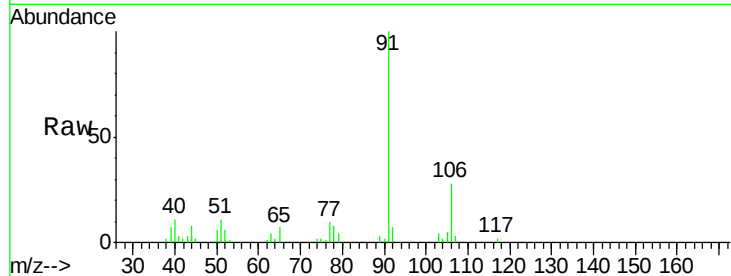
ClientSampleId :

Tot Ion: 91 Resp: 22226

Ion Ratio Lower Upper

91 100

106 28.2 24.3 36.5



#68

m/p-Xylenes

Concen: 4.032 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN055123.D

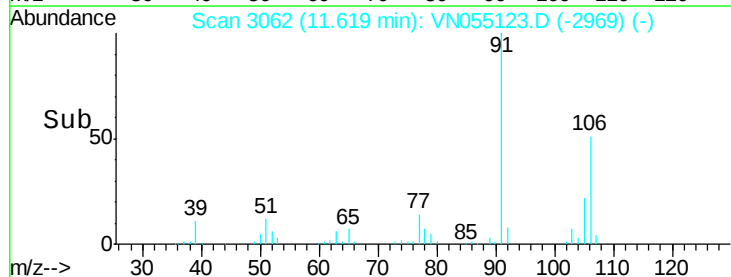
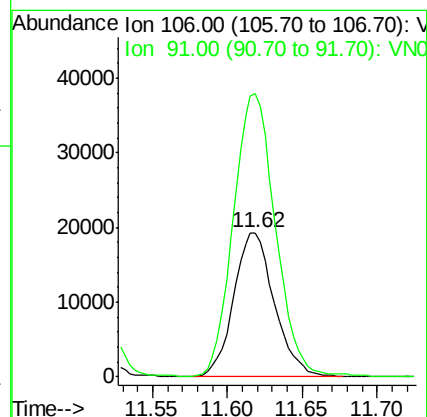
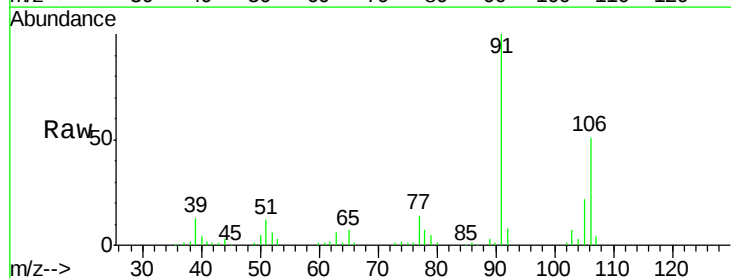
Acq: 18 Apr 2019 16:11

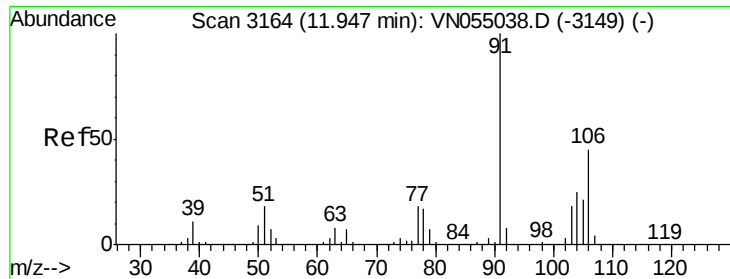
Tgt Ion: 106 Resp: 36488

Ion Ratio Lower Upper

106 100

91 203.3 165.9 248.9

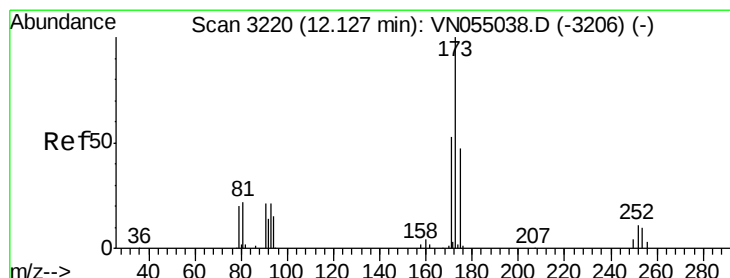
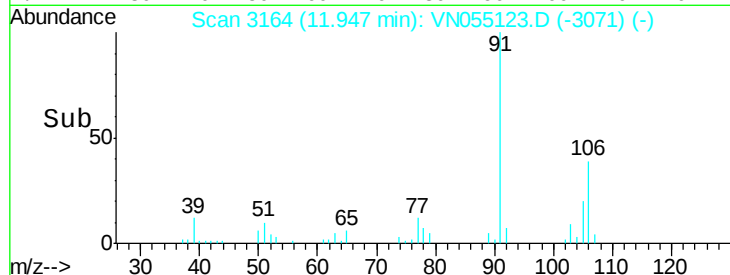
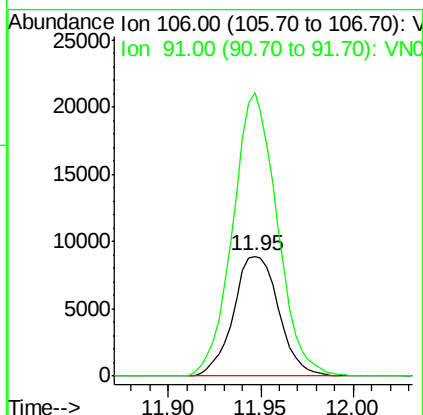
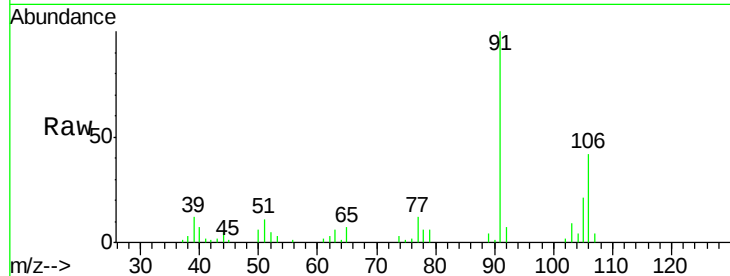




#69
o-Xylene
Concen: 1.731 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055123.D
Acq: 18 Apr 2019 16:11

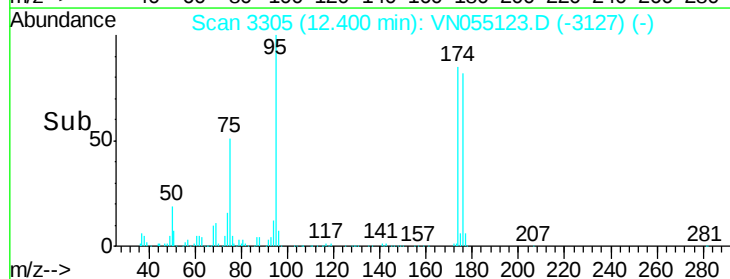
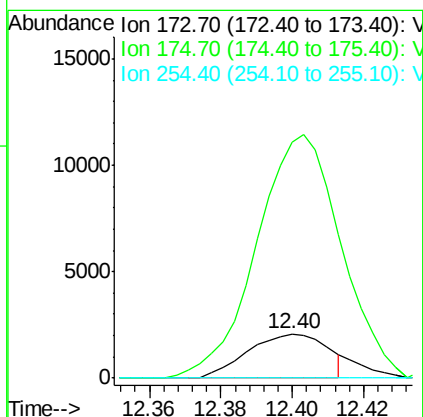
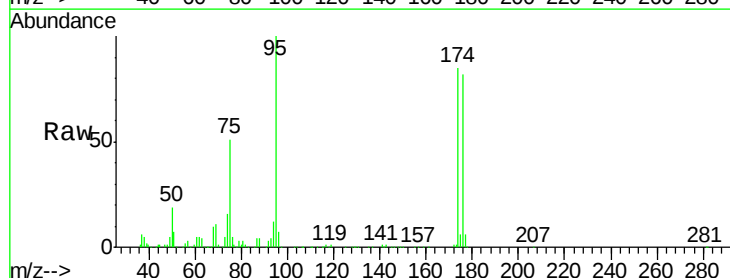
Instrument :
MSVOA_N
ClientSampled :

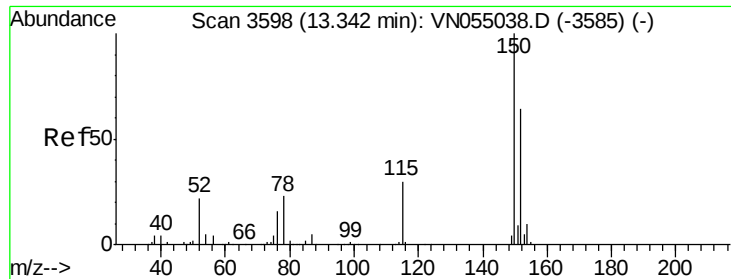
Tot Ion:106 Resp: 15173
Ion Ratio Lower Upper
106 100
91 232.0 109.9 329.8



#71
Bromoform
Concen: 1.090 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055123.D
Acq: 18 Apr 2019 16:11

Tgt Ion:173 Resp: 3216
Ion Ratio Lower Upper
173 100
175 511.5 24.3 73.0#
254 0.0 0.1 0.1#



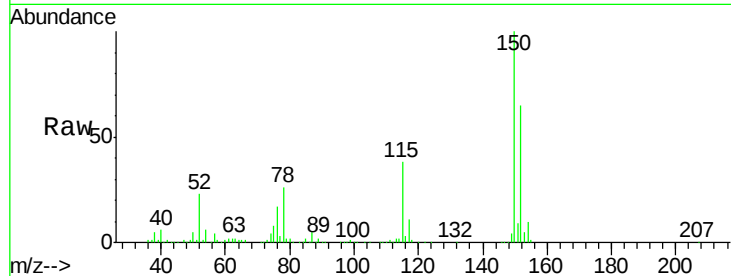


#72

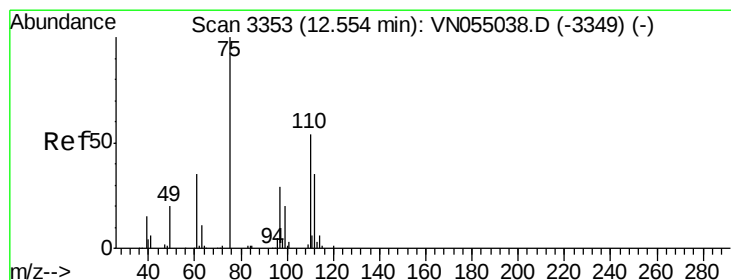
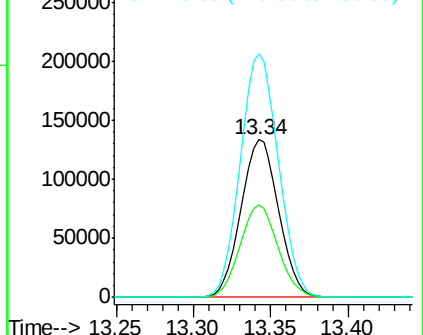
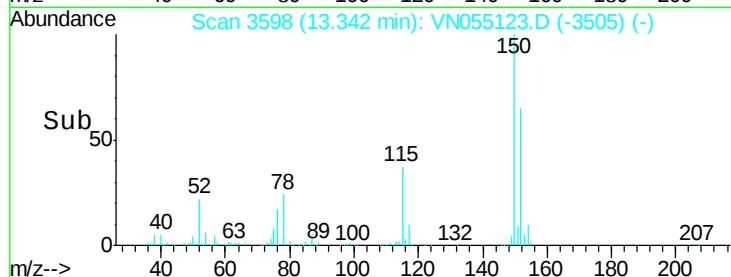
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055123.D
Acq: 18 Apr 2019 16:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:152 Resp: 226733
Ion Ratio Lower Upper
152 100
115 58.8 28.5 85.6
150 156.1 0.0 347.2



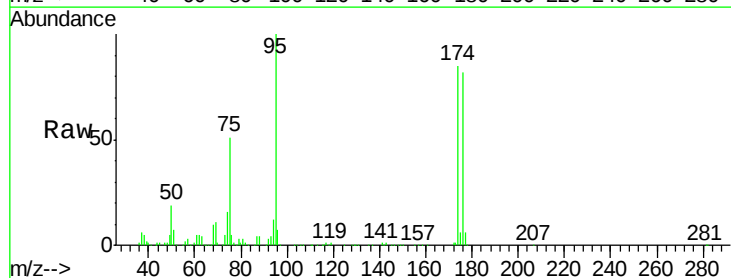
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



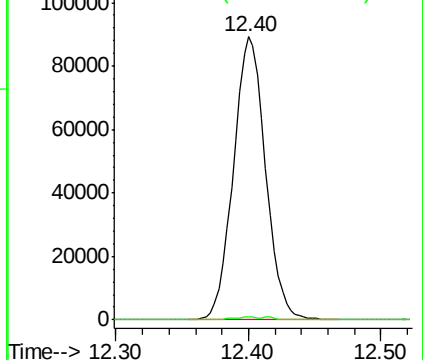
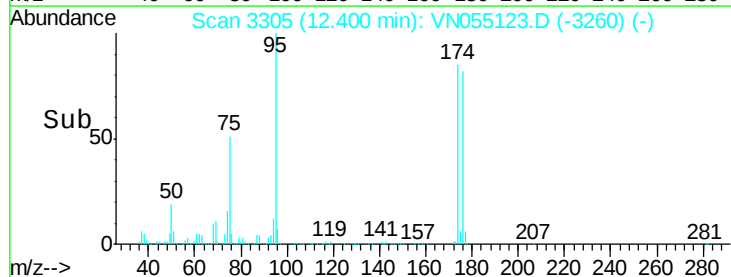
#76

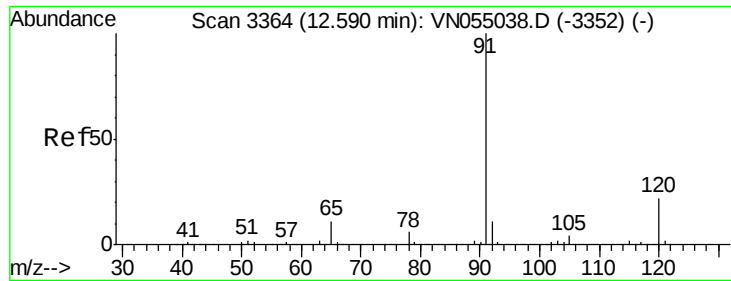
1,2,3-Trichloropropane
Concen: 36.733 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055123.D
Acq: 18 Apr 2019 16:11

Tgt Ion: 75 Resp: 149767
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.377 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

Instrument :

MSVOA_N

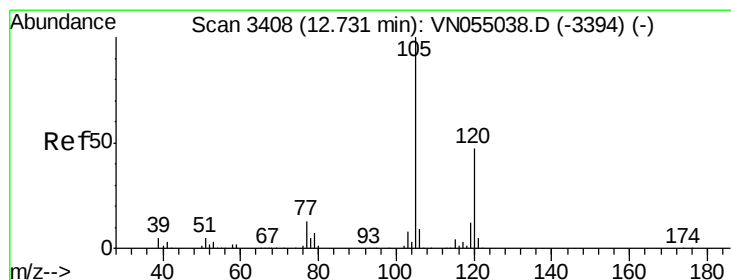
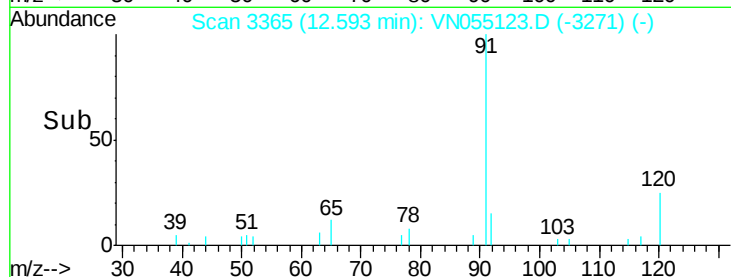
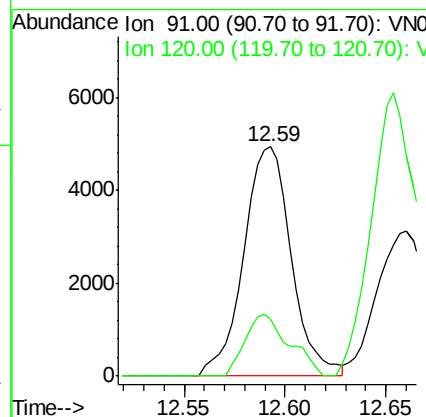
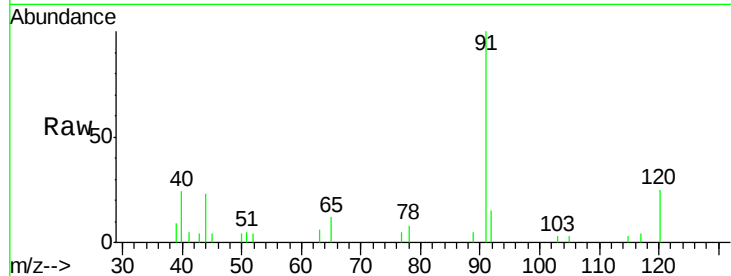
ClientSampleId :

Tot Ion: 91 Resp: 8191

Ion Ratio Lower Upper

91 100

120 25.0 11.2 33.5



#80

1,3,5-Trimethylbenzene

Concen: 1.668 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055123.D

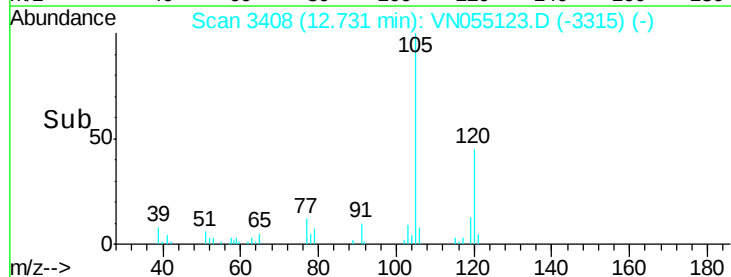
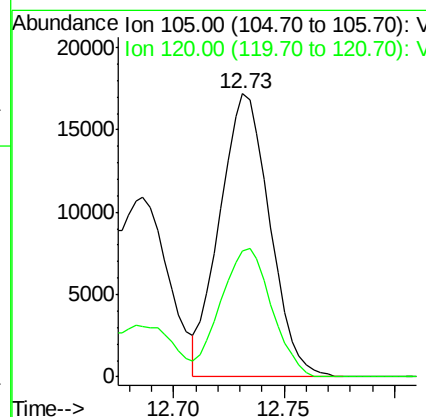
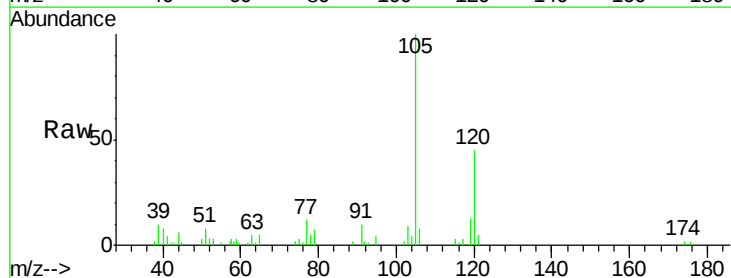
Acq: 18 Apr 2019 16:11

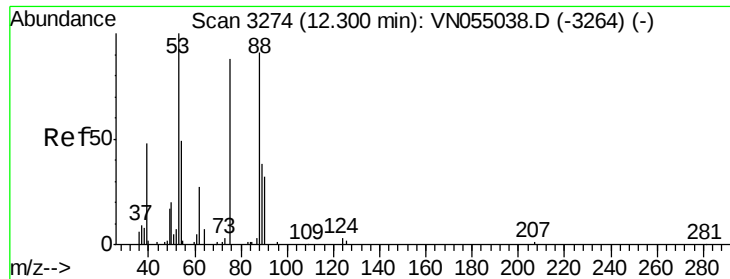
Tgt Ion: 105 Resp: 27077

Ion Ratio Lower Upper

105 100

120 46.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 146.889 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

Instrument :

MSVOA_N

ClientSampleId :

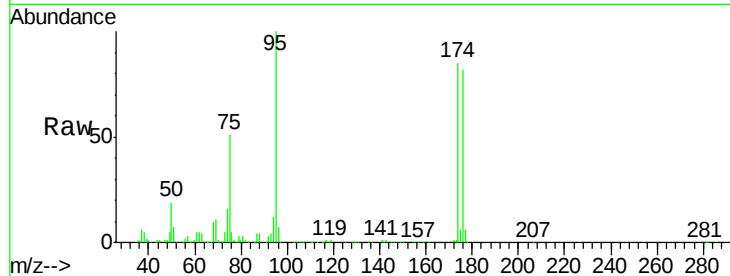
Tot Ion: 75 Resp: 149767

Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

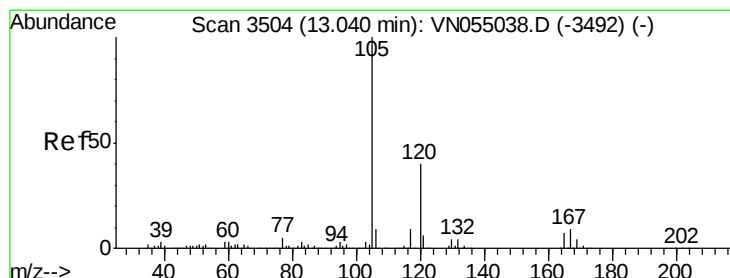
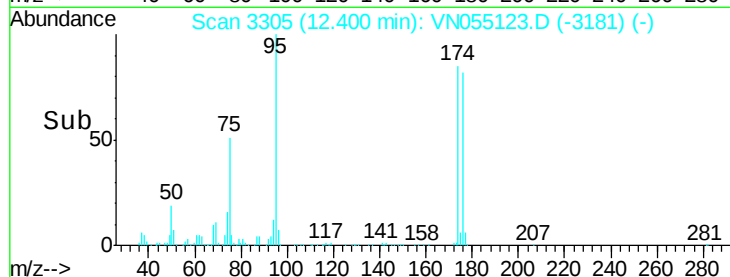
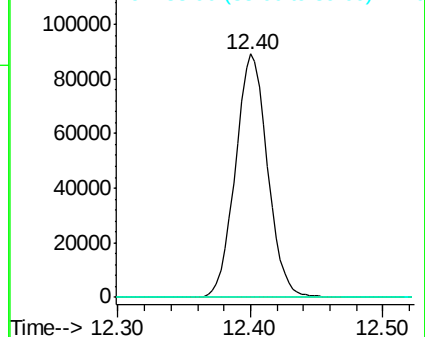
89 0.0 38.6 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055123.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN055123.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN055123.D (-3305) (-)



#84

1,2,4-Trimethylbenzene

Concen: 7.308 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055123.D

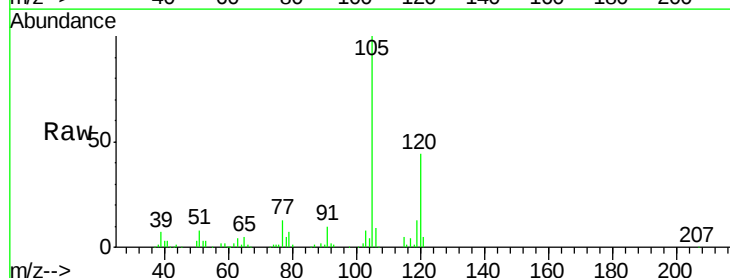
Acq: 18 Apr 2019 16:11

Tgt Ion:105 Resp: 112443

Ion Ratio Lower Upper

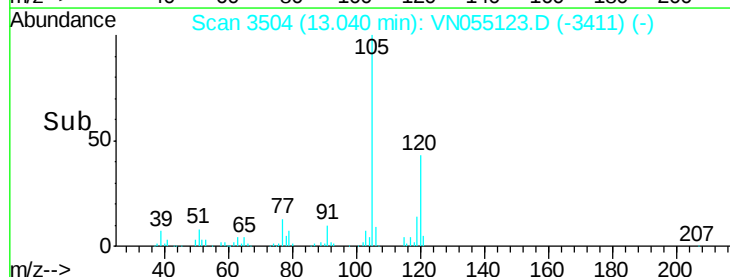
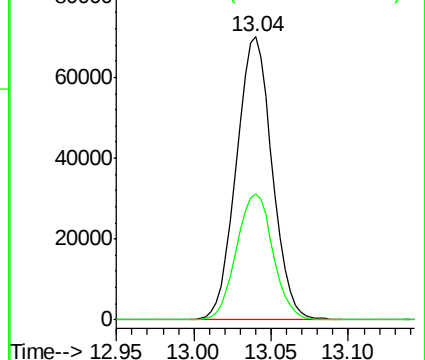
105 100

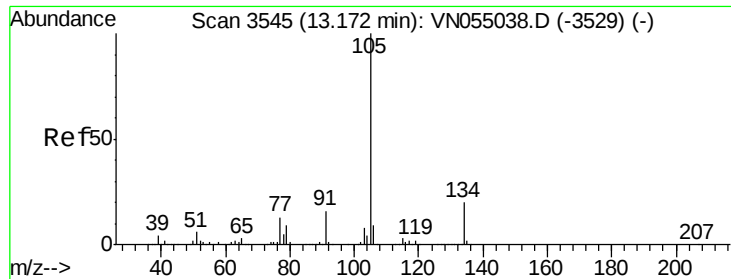
120 45.2 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): VN055123.D (-3504) (-)

Ion 120.00 (119.70 to 120.70): VN055123.D (-3504) (-)





#85

sec-Butylbenzene

Concen: 6.435 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

Instrument :

MSVOA_N

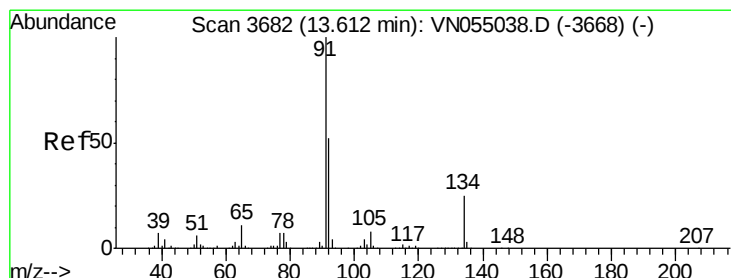
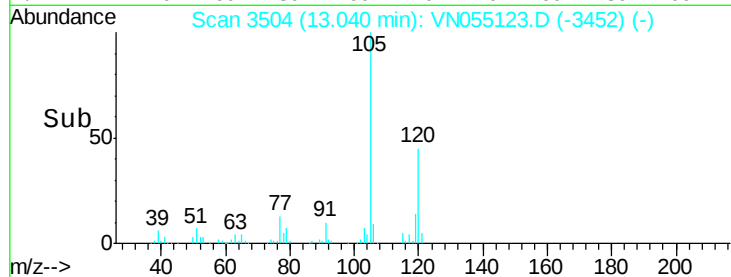
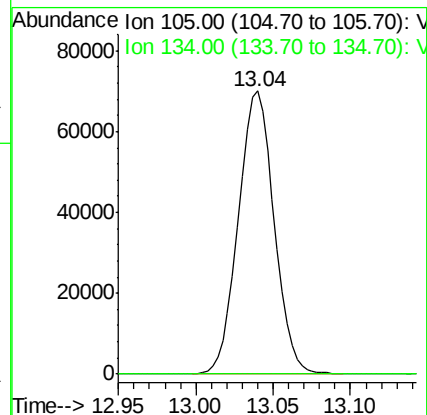
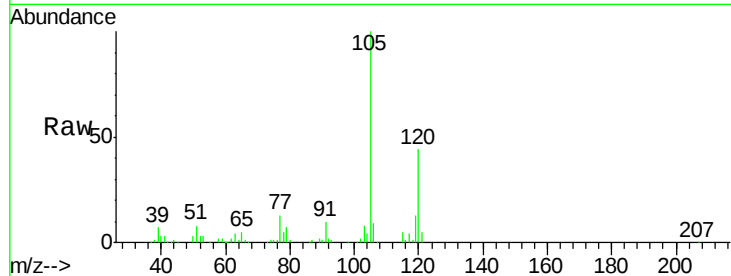
ClientSampled :

Tot Ion:105 Resp: 112443

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#89

n-Butylbenzene

Concen: 0.256 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

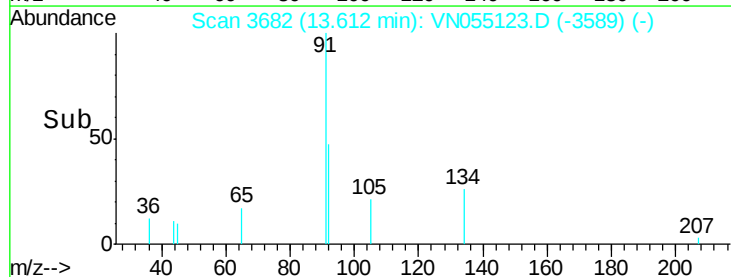
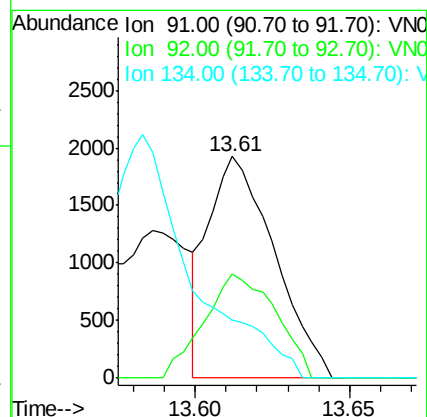
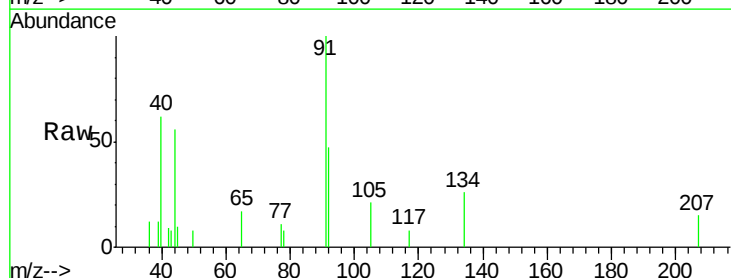
Tgt Ion: 91 Resp: 2853

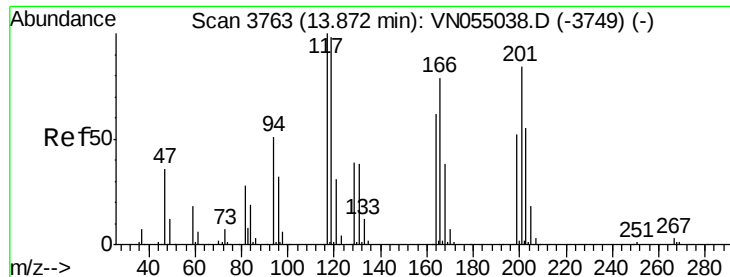
Ion Ratio Lower Upper

91 100

92 51.2 25.9 77.7

134 0.0 12.8 38.3#





#90

Hexachloroethane

Concen: 0.274 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

Instrument :

MSVOA_N

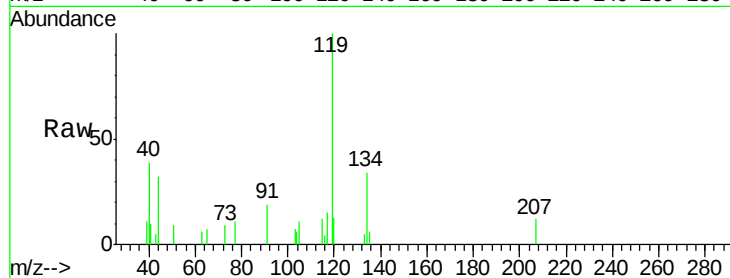
ClientSampled :

Tot Ion:117 Resp: 669

Ion Ratio Lower Upper

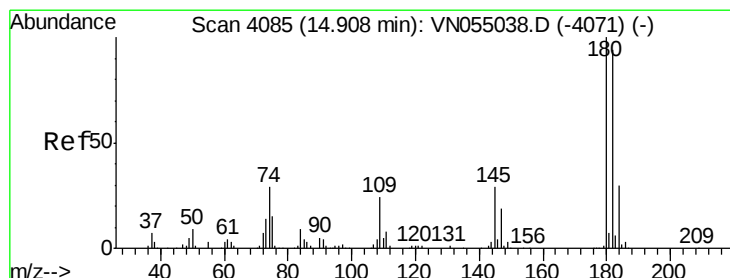
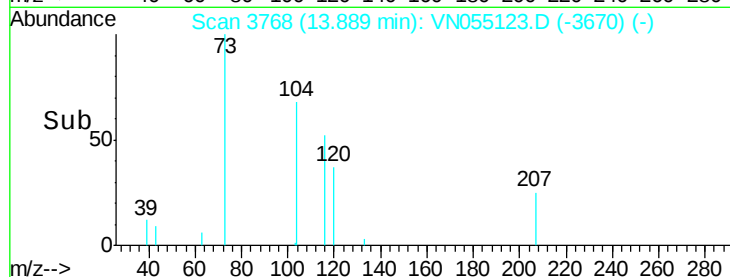
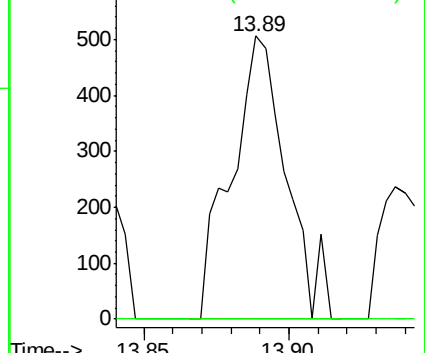
117 100

201 0.0 43.4 130.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 3.035 ug/l

RT: 14.90 min Scan# 4083

Delta R.T. -0.01 min

Lab File: VN055123.D

Acq: 18 Apr 2019 16:11

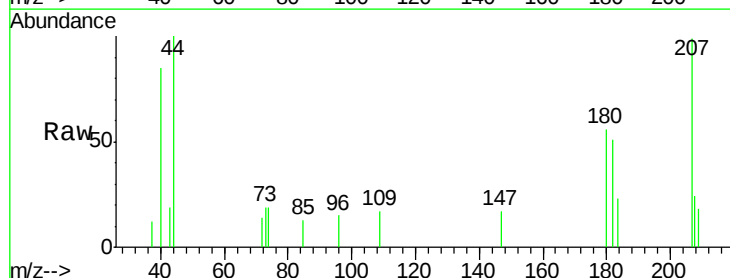
Tgt Ion:180 Resp: 1316

Ion Ratio Lower Upper

180 100

182 0.0 47.5 142.6#

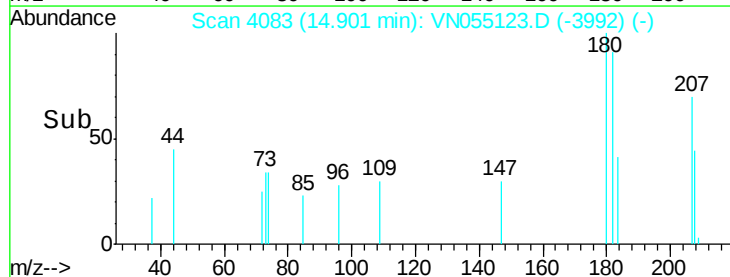
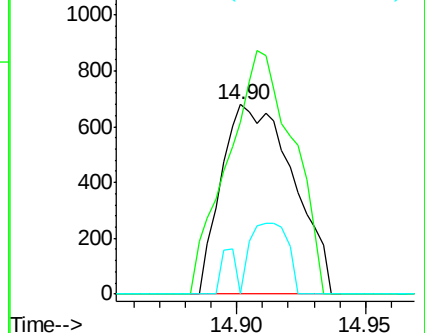
145 4.7 14.2 42.8#

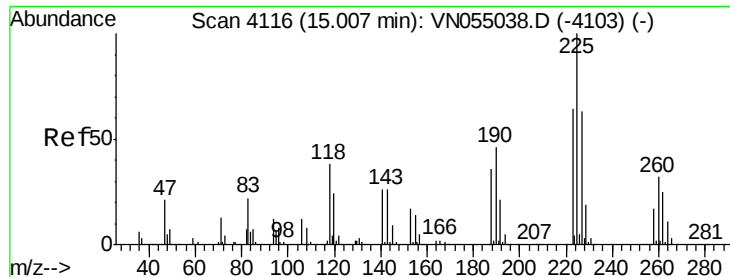


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.380 ug/l

RT: 15.00 min Scan# 4114

Delta R.T. -0.01 min

Lab File: VN055123.D

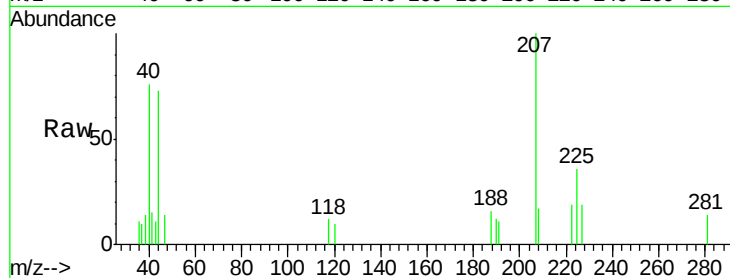
Acq: 18 Apr 2019 16:11

Instrument :

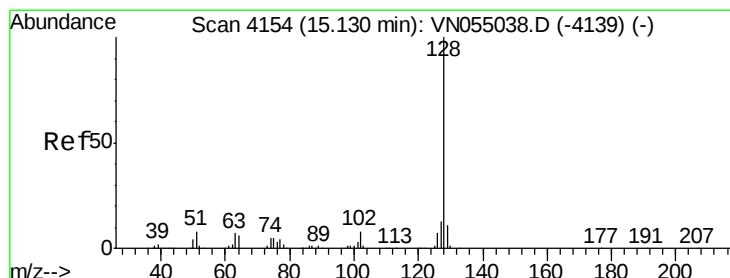
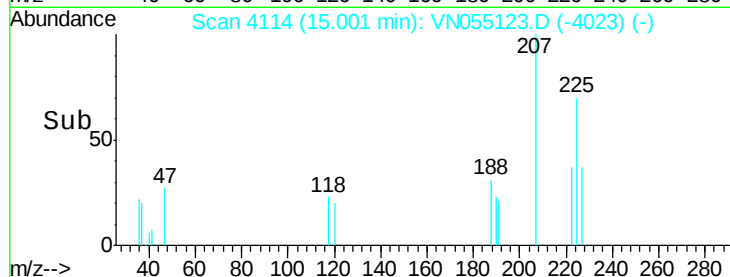
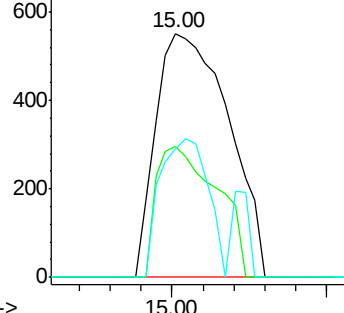
MSVOA_N

ClientSampleId :

Tot Ion:	225	Resp:	901
Ion	Ratio	Lower	Upper
225	100		
223	44.7	31.4	94.0
227	37.6	32.6	97.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.682 ug/l

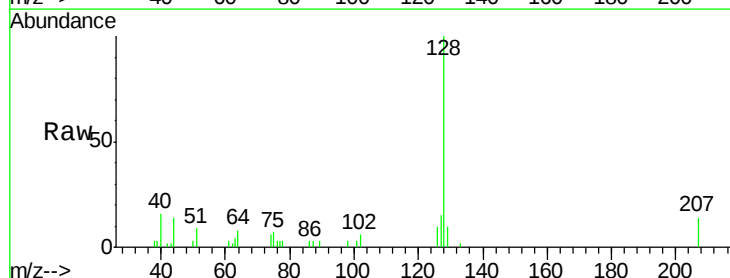
RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

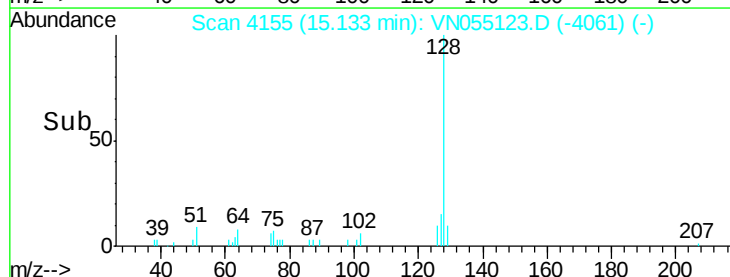
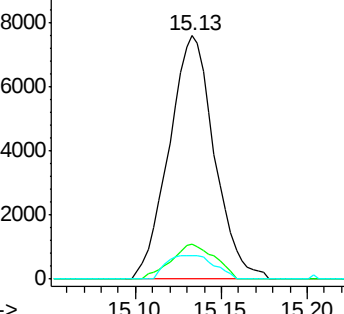
Lab File: VN055123.D

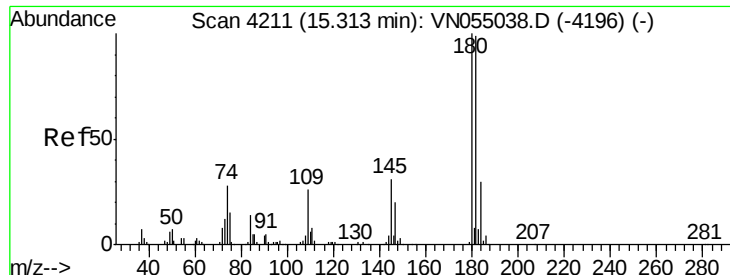
Acq: 18 Apr 2019 16:11

Tgt Ion:	128	Resp:	13885
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.1	15.1
129	10.2	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.265 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. -0.01 min
 Lab File: VN055123.D
 Acq: 18 Apr 2019 16:11

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	183.9	48.0	144.0#
145	97.2	15.3	45.9#

