

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054044.D
 Acq On : 1 Mar 2019 21:55
 Operator : JC/SP
 Sample : K1675-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-11-B

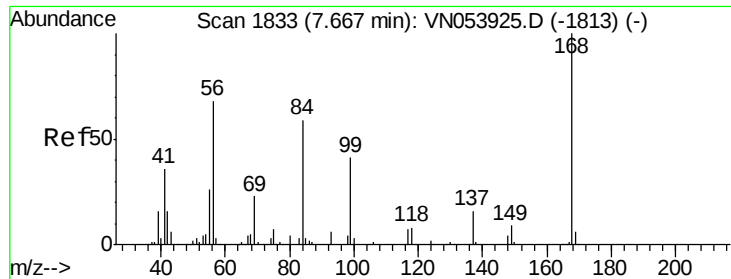
Quant Time: Mar 02 04:48:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	602143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1123180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1089926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	389992	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	401583	56.89	ug/l	0.00
Spiked Amount			Recovery	=	113.78%	
35) Dibromofluoromethane	7.59	113	364603	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
50) Toluene-d8	10.09	98	1416670	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.40	95	472218	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	133	0.297	ug/l #	73
13) Acrolein	3.60	56	93	0.201	ug/l #	54
14) Allyl chloride	4.55	41	61705	5.919	ug/l #	27
16) Acetone	3.82	43	17670	Below Cal		89
18) Methyl Acetate	4.35	43	2766	0.560	ug/l #	88
20) Methylene Chloride	4.55	84	1489997	213.285	ug/l	90
25) 2-Butanone	6.84	43	2781	1.003	ug/l #	87
29) Tetrahydrofuran	7.22	42	1773	0.961	ug/l #	62
30) Chloroform	7.37	83	3200	0.268	ug/l	97
31) Cyclohexane	7.67	56	11076	0.576	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42119	4.032	ug/l #	48
38) Carbon Tetrachloride	7.66	117	54177	4.987	ug/l #	17
41) Methacrylonitrile	7.21	41	1024	0.213	ug/l #	100
43) Isopropyl Acetate	8.18	43	42308	3.360	ug/l #	86
45) 1,2-Dichloropropane	9.27	63	1982	0.229	ug/l #	44
48) Methyl methacrylate	9.18	41	12146	2.097	ug/l #	12
49) 1,4-Dioxane	9.26	88	61	0.778	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	10087	1.559	ug/l #	34
54) cis-1,3-Dichloropropene	9.91	75	72931	6.003	ug/l #	70
56) Ethyl methacrylate	10.54	69	1448	2.105	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	13985	1.173	ug/l #	43
59) 2-Hexanone	10.76	43	207087	49.206	ug/l #	48
71) Bromoform	12.40	173	3495	0.606	ug/l #	1
74) N-amyl acetate	11.88	43	20066	2.522	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	232742	37.202	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9564	0.385	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	232742	117.582	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	9923	0.400	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	62	2.231	ug/l #	1
95) Naphthalene	15.13	128	12538	3.972	ug/l	97

(#) = 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: VN054044.D

Acq: 1 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampled :

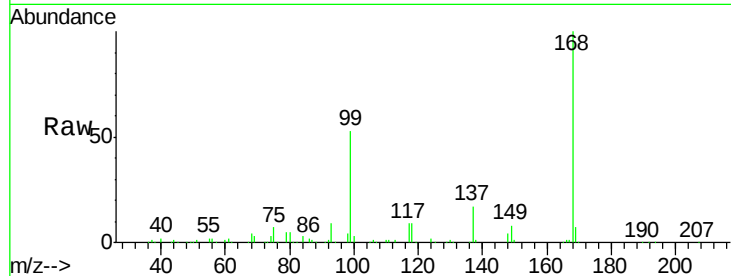
Z-3-11-B

Tot Ion:168 Resp: 602143

Ion Ratio Lower Upper

168 100

99 52.7 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

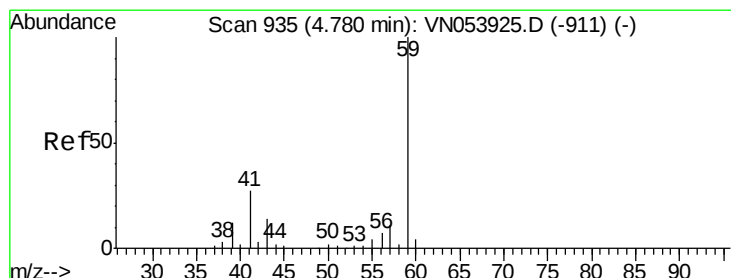
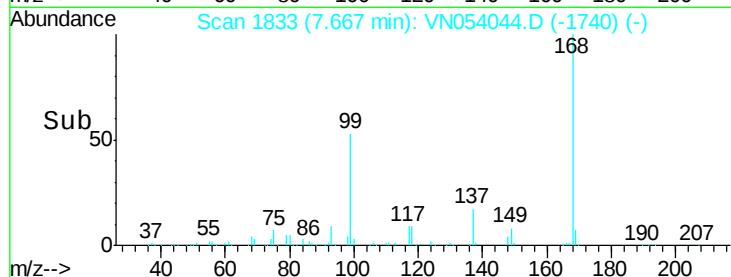
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.297 ug/l

RT: 4.76 min Scan# 929

Delta R.T. -0.02 min

Lab File: VN054044.D

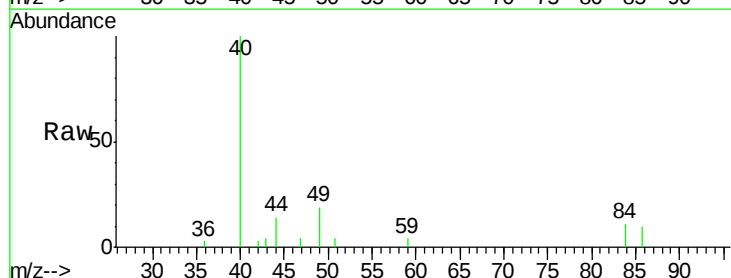
Acq: 1 Mar 2019 21:55

Tgt Ion: 59 Resp: 133

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.76

200

150

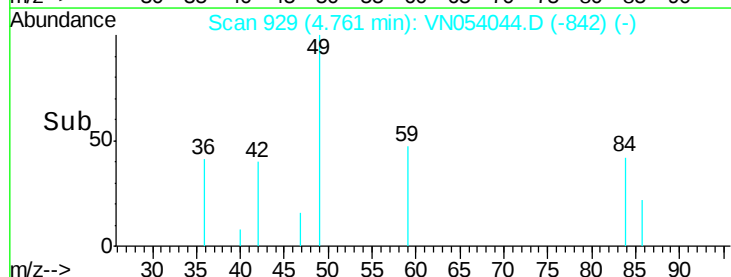
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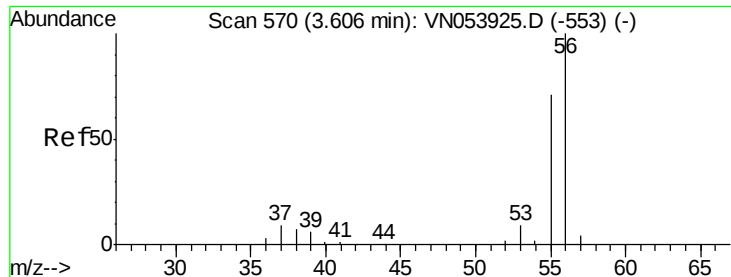
50

0

4.74 4.75 4.76 4.77 4.78

Time-->





#13

Acrolein

Concen: 0.201 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN054044.D

Acq: 1 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

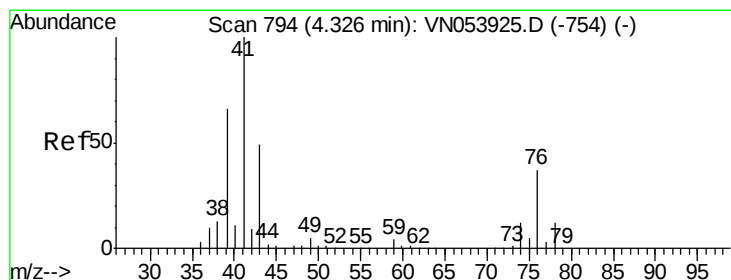
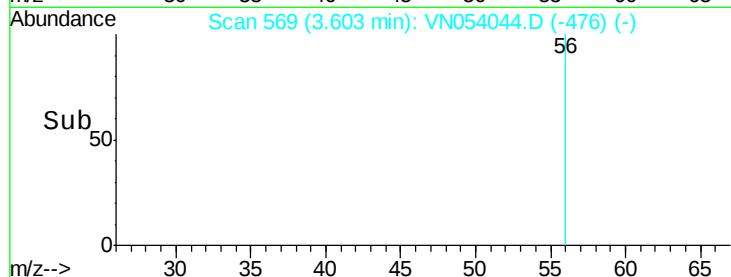
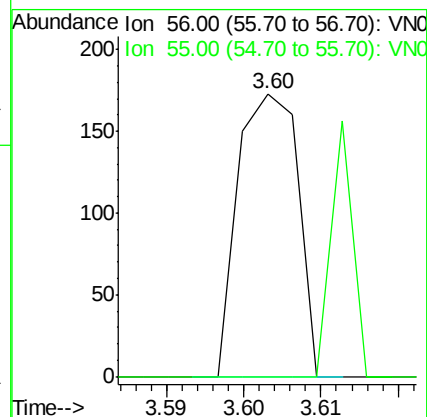
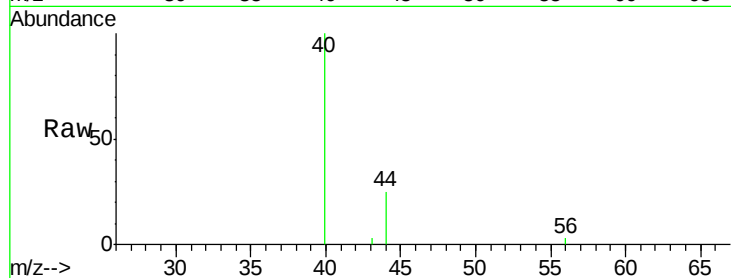
Z-3-11-B

Tot Ion: 56 Resp: 93

Ion Ratio Lower Upper

56 100

55 32.3 56.3 84.5#



#14

Allyl chloride

Concen: 5.919 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN054044.D

Acq: 1 Mar 2019 21:55

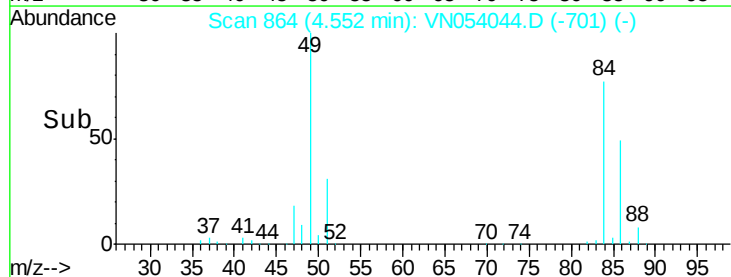
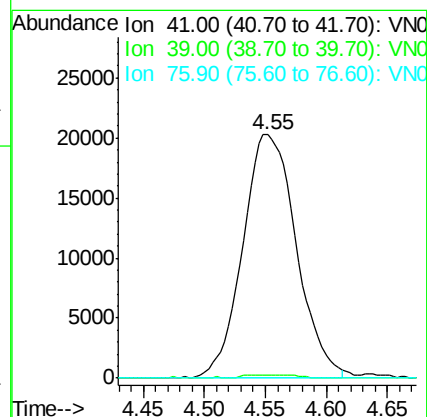
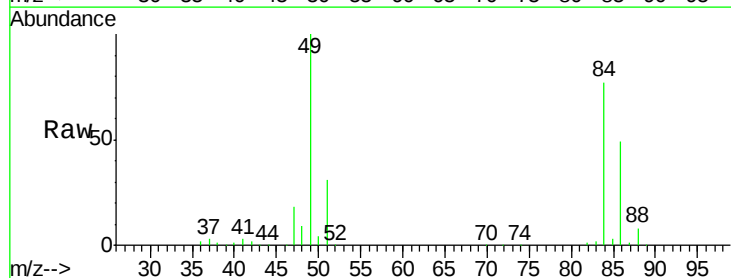
Tgt Ion: 41 Resp: 61705

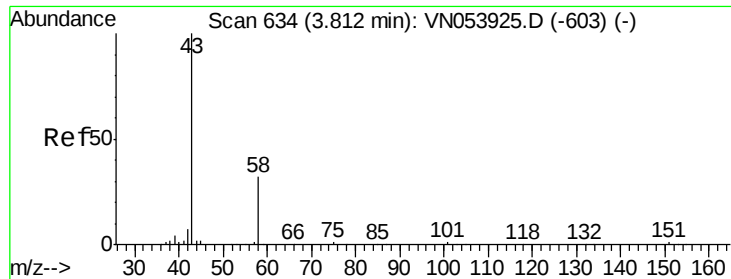
Ion Ratio Lower Upper

41 100

39 0.1 48.8 73.2#

76 0.0 30.9 46.3#





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN054044.D

Acq: 1 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

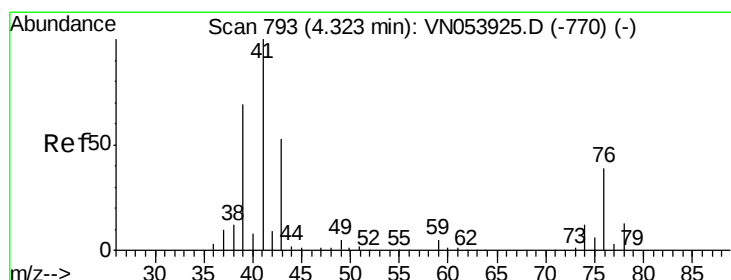
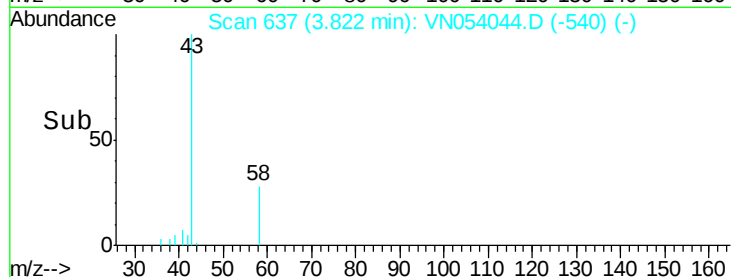
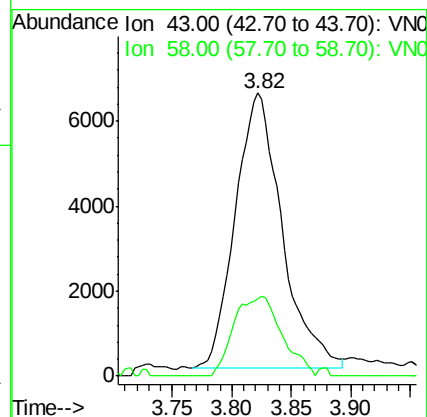
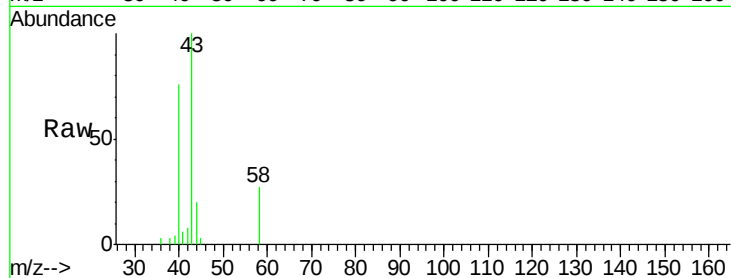
Z-3-11-B

Tot Ion: 43 Resp: 17670

Ion Ratio Lower Upper

43 100

58 28.1 27.6 41.4



#18

Methyl Acetate

Concen: 0.560 ug/l

RT: 4.35 min Scan# 800

Delta R.T. 0.02 min

Lab File: VN054044.D

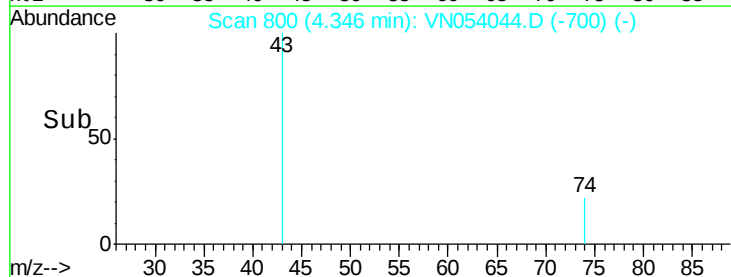
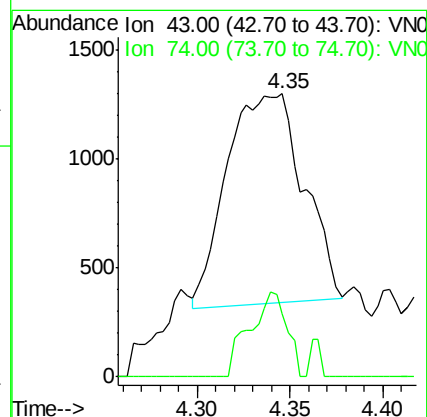
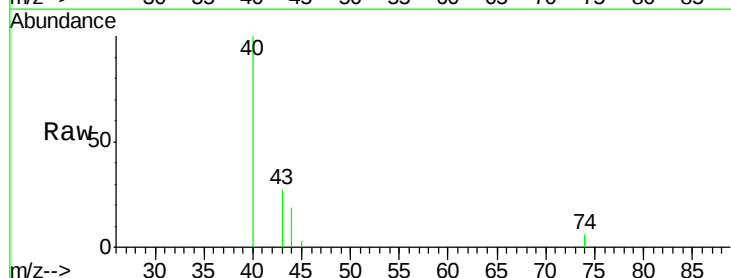
Acq: 1 Mar 2019 21:55

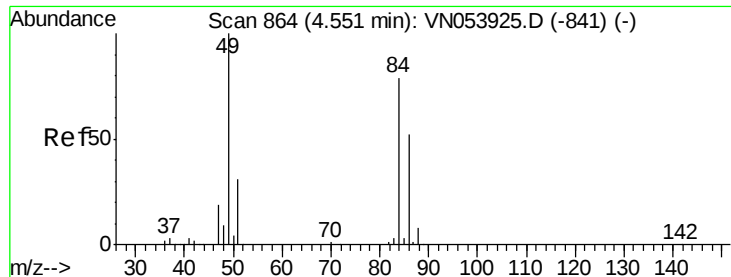
Tgt Ion: 43 Resp: 2766

Ion Ratio Lower Upper

43 100

74 19.5 20.5 30.7#



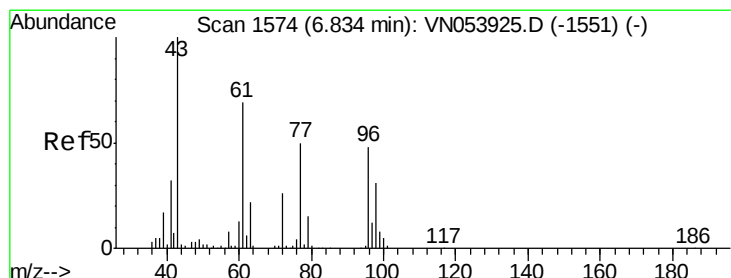
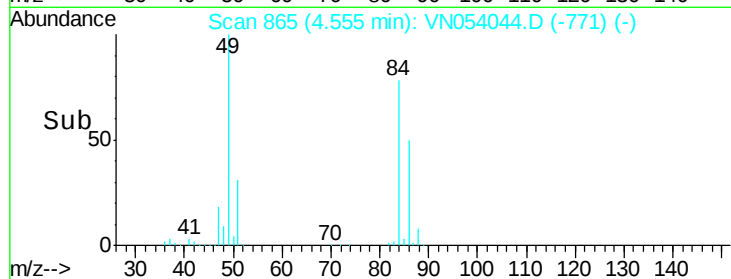
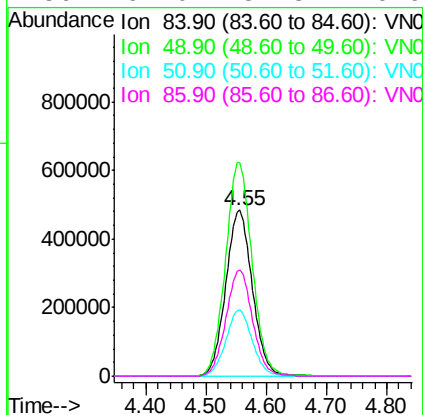
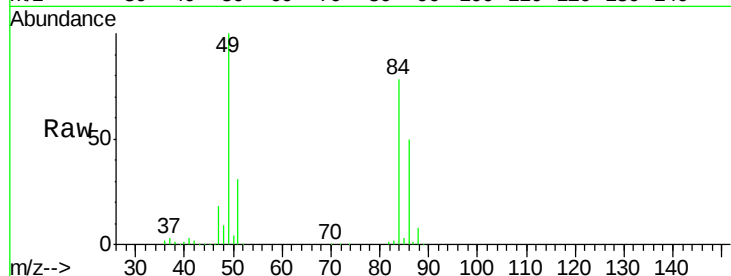


#20
Methvlene Chloride
Concen: 213.285 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN054044.D
Acq: 1 Mar 2019 21:55

Instrument :
MSVOA_N
ClientSampleId :
Z-3-11-B

Tot Ion: 84 Resp: 1489997

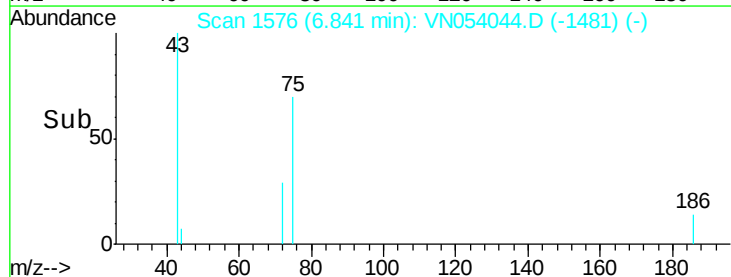
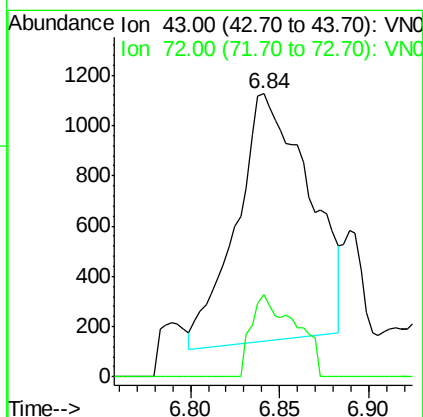
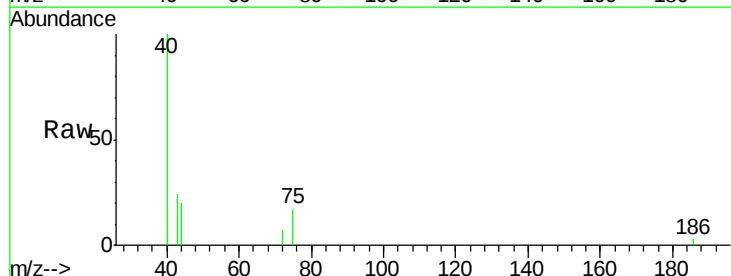
Ion	Ratio	Lower	Upper
84	100		
49	128.7	89.7	134.5
51	40.0	27.8	41.8
86	64.0	51.3	76.9

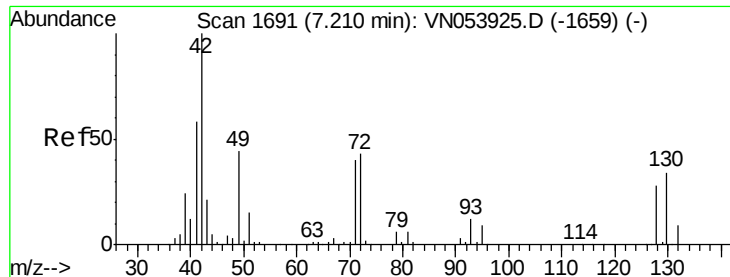


#25
2-Butanone
Concen: 1.003 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN054044.D
Acq: 1 Mar 2019 21:55

Tgt Ion: 43 Resp: 2781

Ion	Ratio	Lower	Upper
43	100		
72	34.5	22.1	33.1#

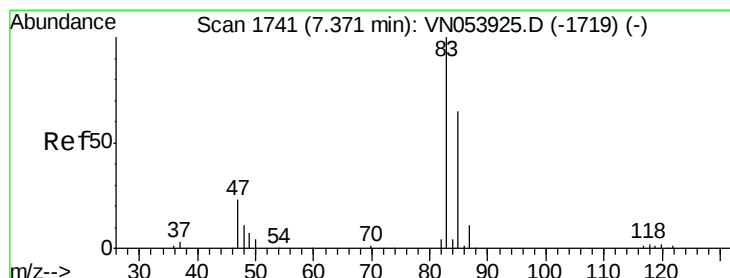
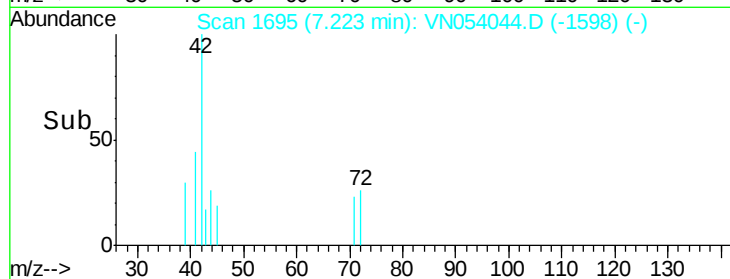
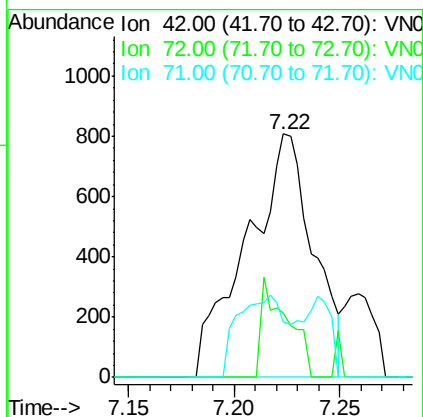
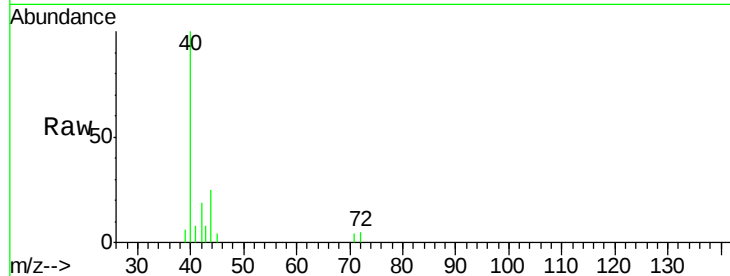




#29
Tetrahydrofuran
Concen: 0.961 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN054044.D
Acq: 1 Mar 2019 21:55

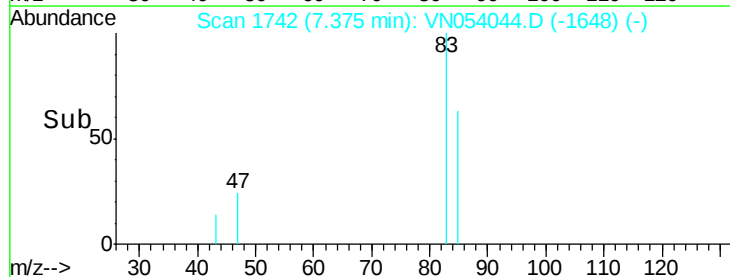
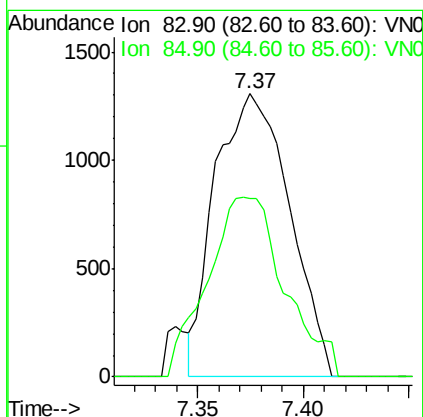
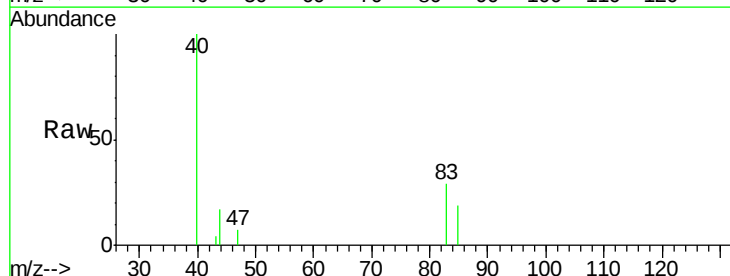
Instrument :
MSVOA_N
ClientSampled :
Z-3-11-B

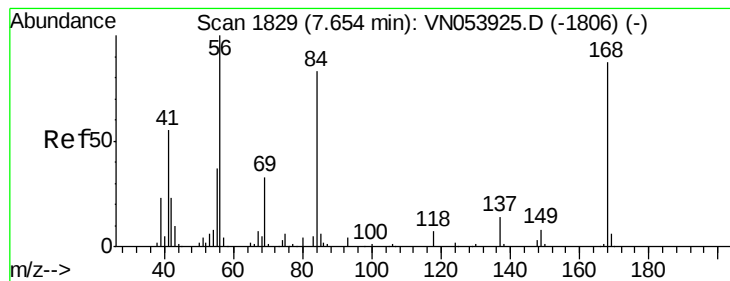
Tot Ion: 42 Resp: 1773
Ion Ratio Lower Upper
42 100
72 16.2 36.9 55.3#
71 23.9 34.6 52.0#



#30
Chloroform
Concen: 0.268 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054044.D
Acq: 1 Mar 2019 21:55

Tgt Ion: 83 Resp: 3200
Ion Ratio Lower Upper
83 100
85 63.2 52.6 78.8





#31

Cyclohexane

Concen: 0.576 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN054044.D

Acq: 1 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampled :

Z-3-11-B

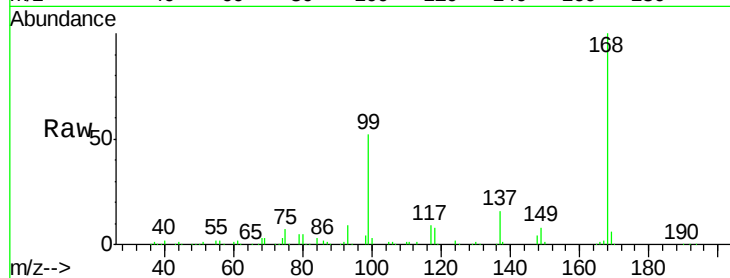
Tot Ion: 56 Resp: 11076

Ion Ratio Lower Upper

56 100

69 164.1 26.0 39.0#

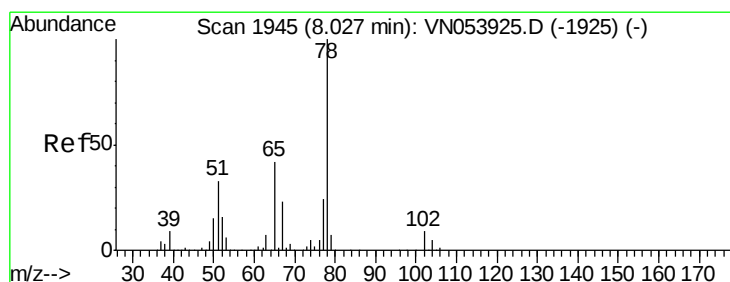
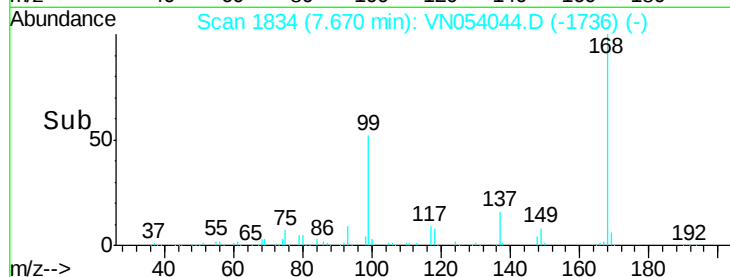
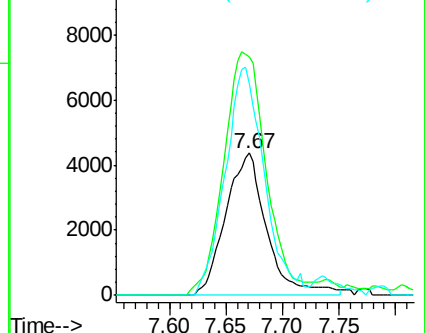
84 148.3 69.1 103.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 56.894 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054044.D

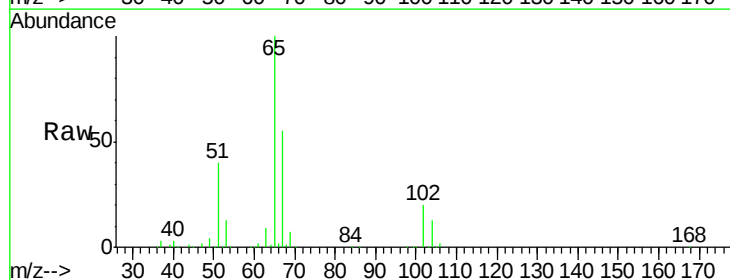
Acq: 1 Mar 2019 21:55

Tgt Ion: 65 Resp: 401583

Ion Ratio Lower Upper

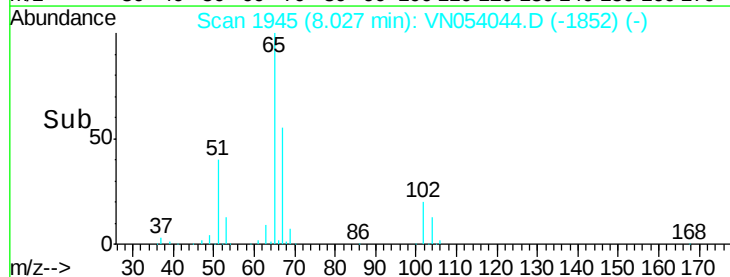
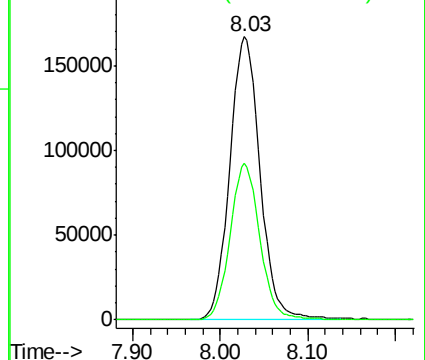
65 100

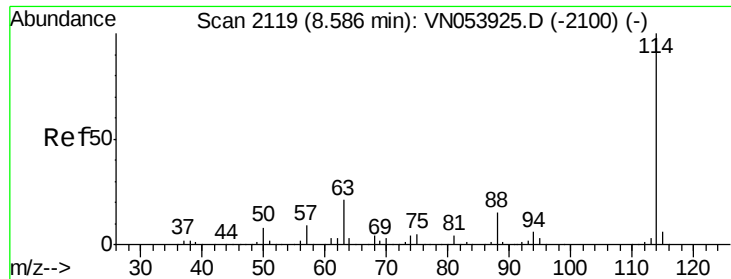
67 54.4 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

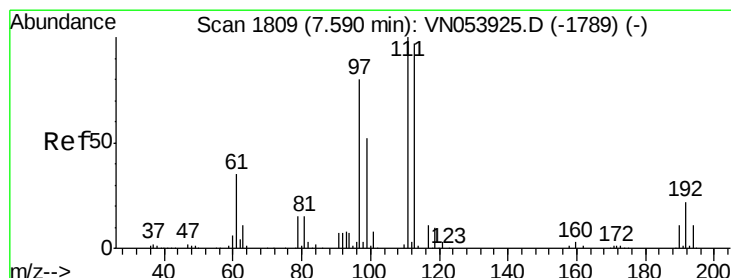
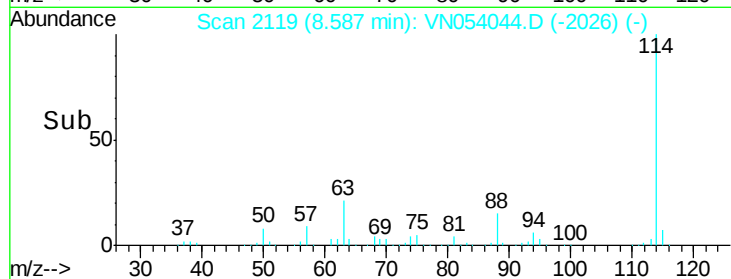
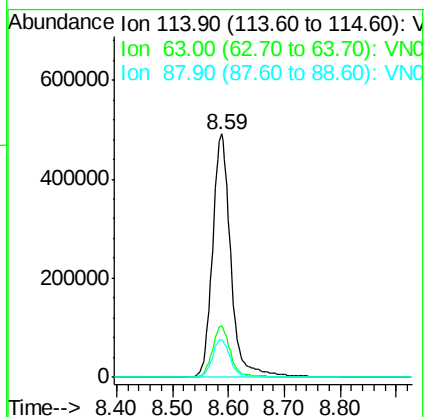
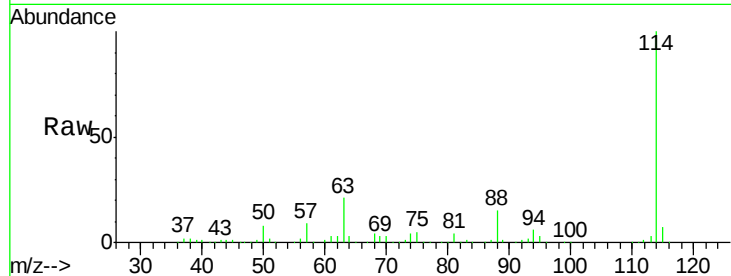




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054044.D
Acq: 1 Mar 2019 21:55

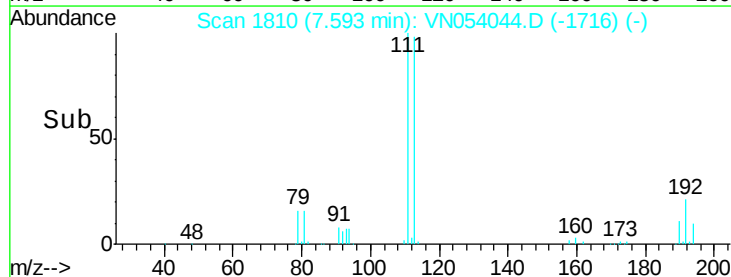
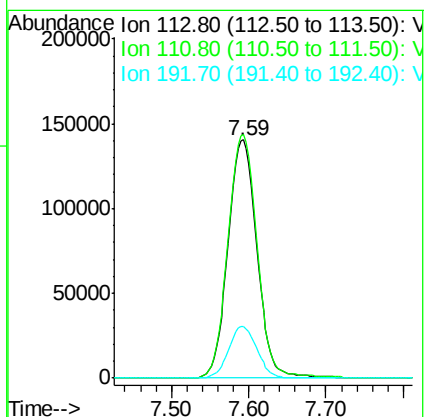
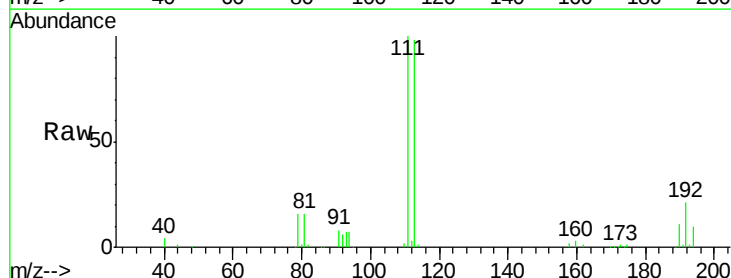
Instrument :
MSVOA_N
ClientSampleId :
Z-3-11-B

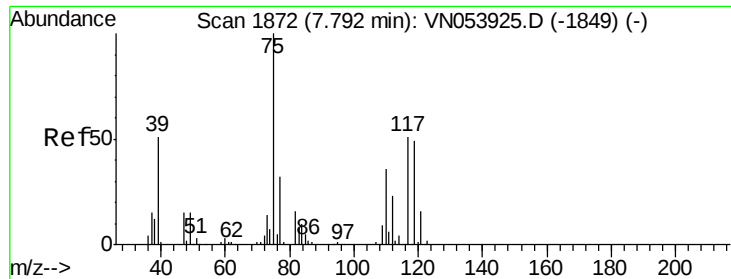
Tot Ion:114 Resp: 1123180
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.4
88 15.4 0.0 30.4



#35
Dibromofluoromethane
Concen: 50.199 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054044.D
Acq: 1 Mar 2019 21:55

Tgt Ion:113 Resp: 364603
Ion Ratio Lower Upper
113 100
111 103.0 81.1 121.7
192 21.1 18.8 28.2

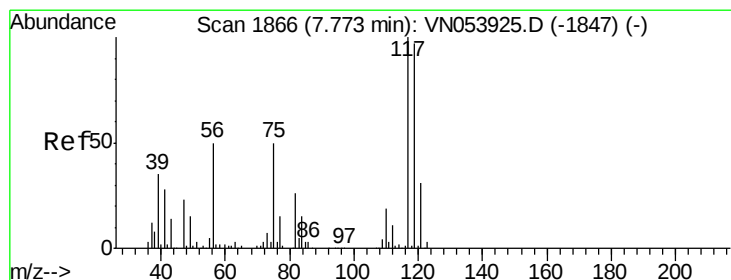
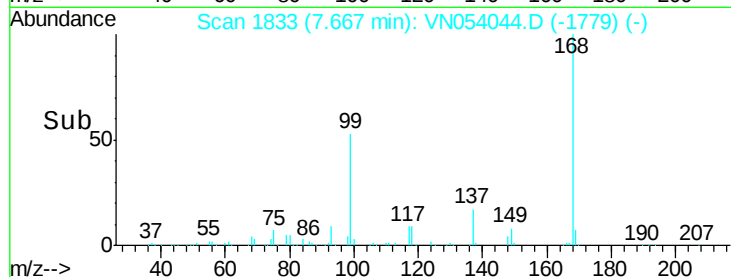
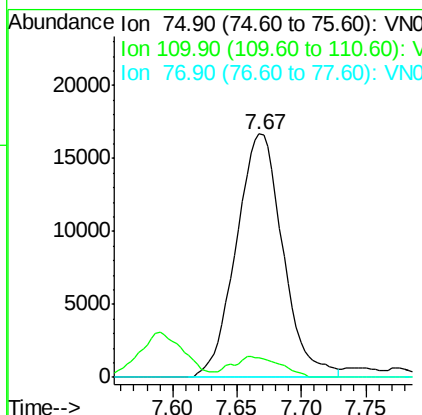
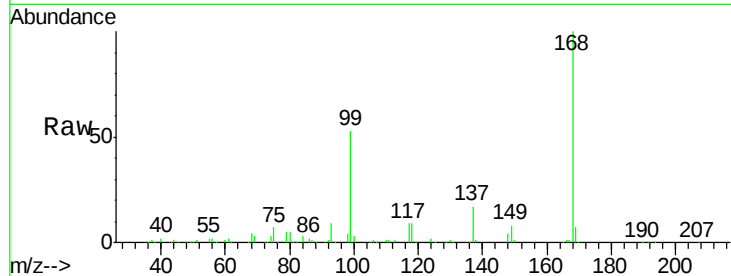




#36
 1,1-Dichloropropene
 Concen: 4.032 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN054044.D
 Acq: 1 Mar 2019 21:55

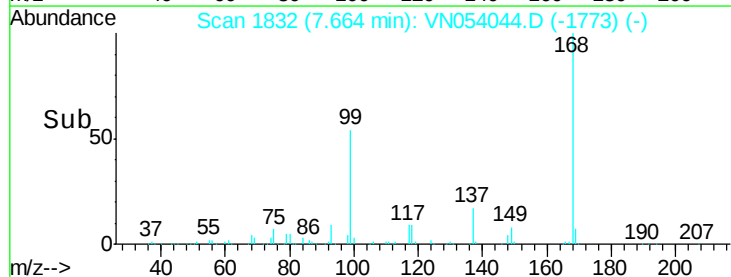
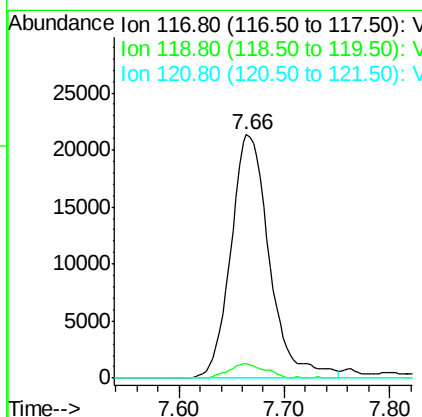
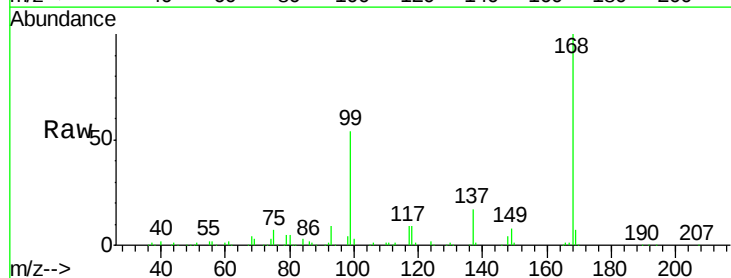
Instrument :
 MSVOA_N
 ClientSampled :
 Z-3-11-B

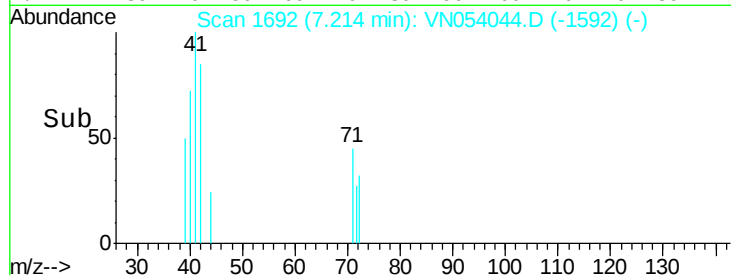
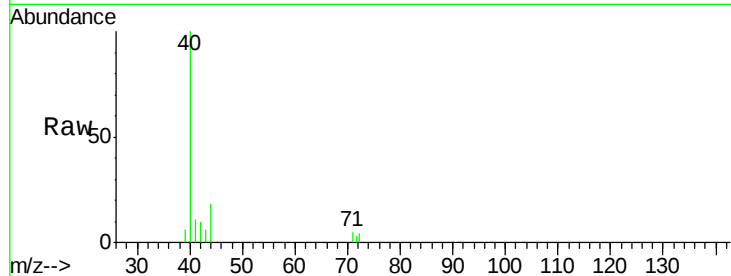
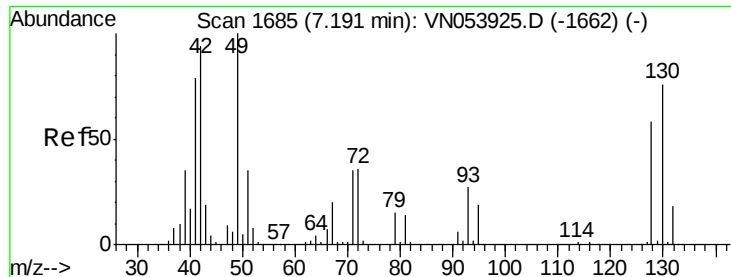
Tot Ion: 75 Resp: 42119
 Ion Ratio Lower Upper
 75 100
 110 8.9 19.0 57.0#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 4.987 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054044.D
 Acq: 1 Mar 2019 21:55

Tgt Ion: 117 Resp: 54177
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.2 114.2#
 121 0.0 24.6 36.8#

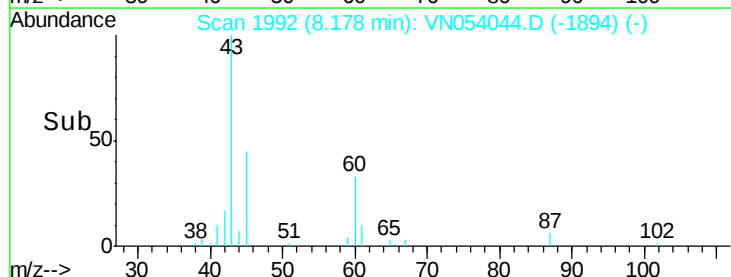
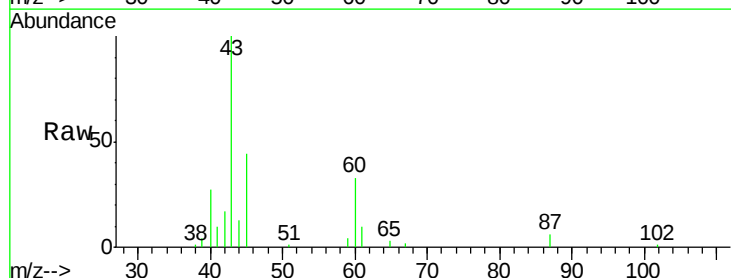
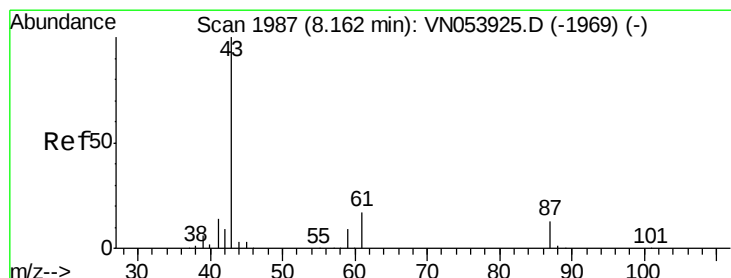
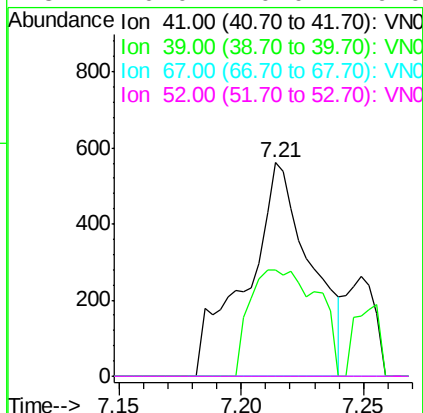




#41
Methacrylonitrile
Concen: 0.213 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.02 min
Lab File: VN054044.D
Acq: 1 Mar 2019 21:55

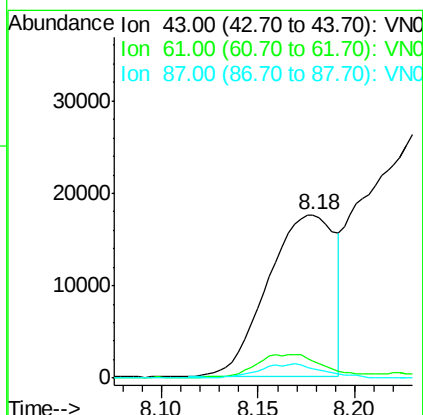
Instrument :
MSVOA_N
ClientSampled :
Z-3-11-B

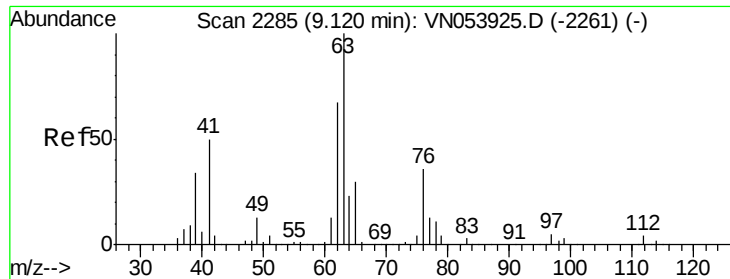
Tot Ion:	41	Resp:	1024
Ion	Ratio	Lower	Upper
41	100		
39	52.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 3.360 ug/l
RT: 8.18 min Scan# 1992
Delta R.T. 0.02 min
Lab File: VN054044.D
Acq: 1 Mar 2019 21:55

Tgt Ion:	43	Resp:	42308
Ion	Ratio	Lower	Upper
43	100		
61	15.2	17.4	26.0#
87	8.3	11.5	17.3#

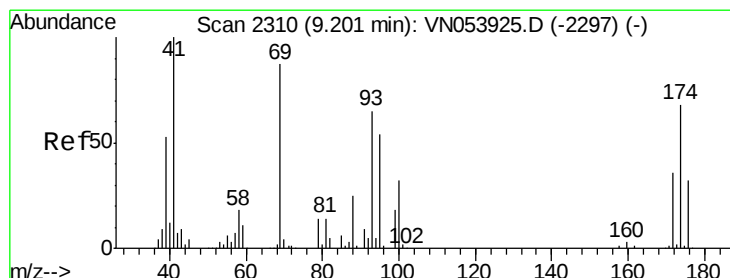
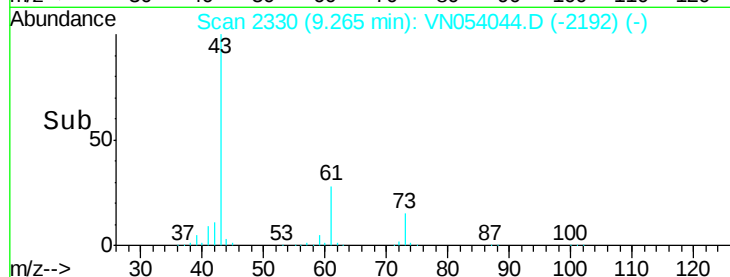
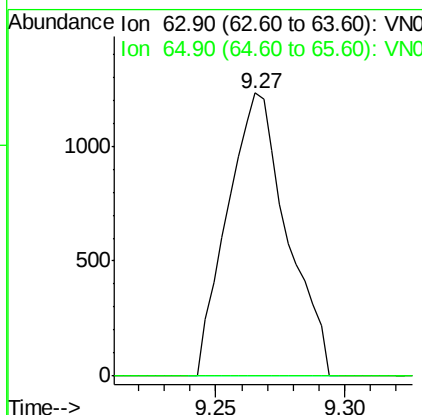
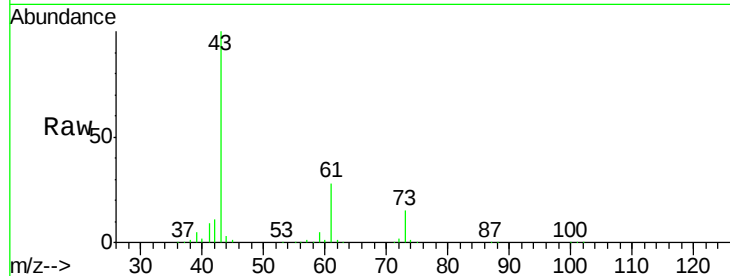




#45
 1,2-Dichloropropane
 Concen: 0.229 ug/l
 RT: 9.27 min Scan# 2330
 Delta R.T. 0.14 min
 Lab File: VN054044.D
 Acq: 1 Mar 2019 21:55

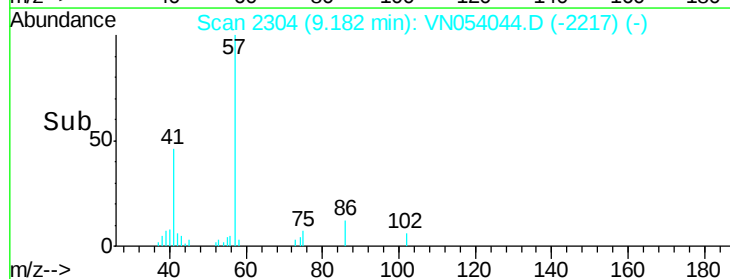
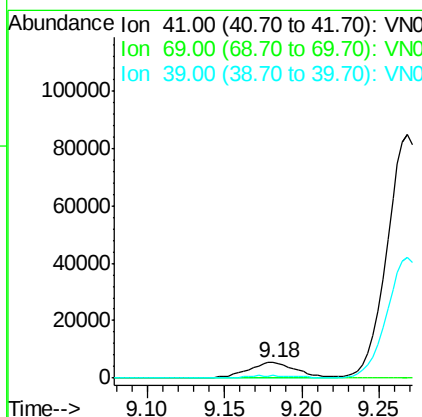
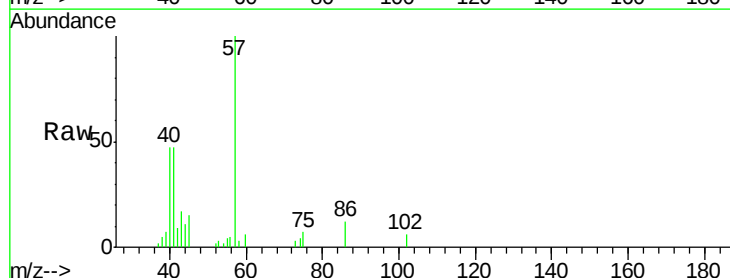
Instrument :
 MSVOA_N
 ClientSampled :
 Z-3-11-B

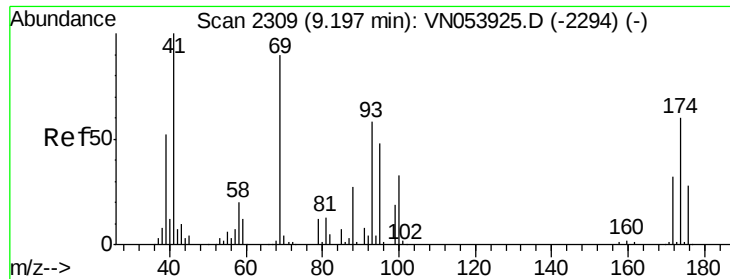
Tot Ion: 63 Resp: 1982
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.3 36.5#



#48
 Methyl methacrylate
 Concen: 2.097 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN054044.D
 Acq: 1 Mar 2019 21:55

Tgt Ion: 41 Resp: 12146
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.8 112.2#
 39 0.0 39.0 58.6#





#49

1,4-Dioxane

Concen: 0.778 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.06 min

Lab File: VN054044.D

Acq: 1 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

Z-3-11-B

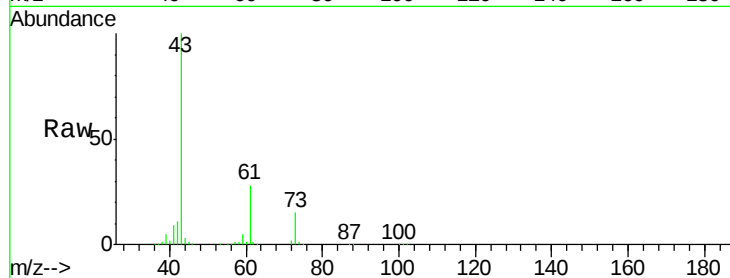
Tot Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 3007190.2 21.2 31.8#

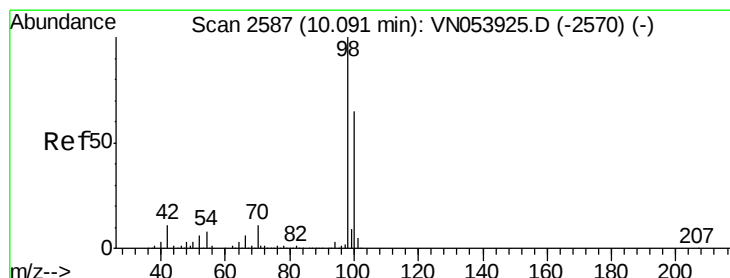
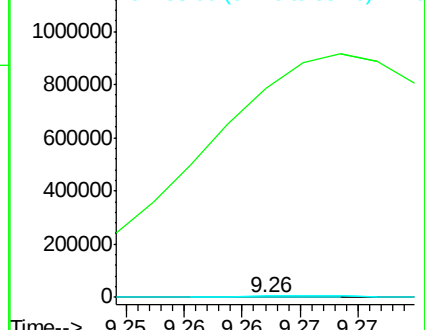
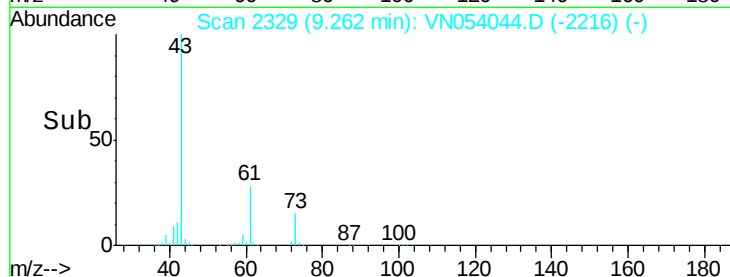
58 14354.1 54.2 81.2#



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: 52.397 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054044.D

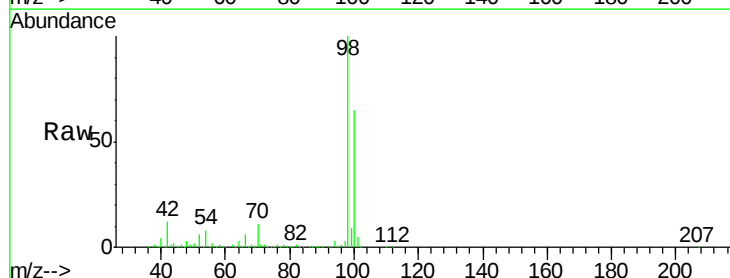
Acq: 1 Mar 2019 21:55

Tgt Ion: 98 Resp: 1416670

Ion Ratio Lower Upper

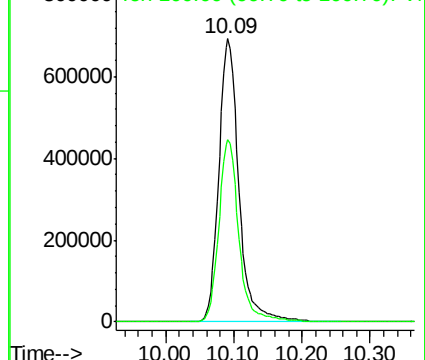
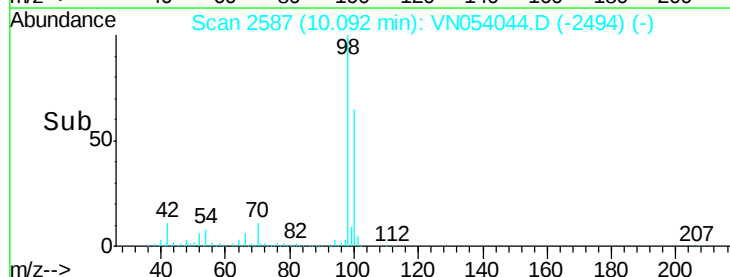
98 100

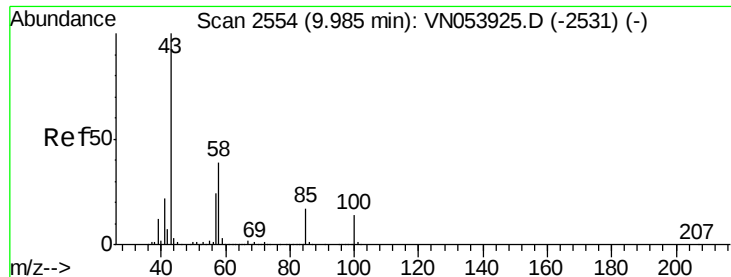
100 64.2 51.9 77.9



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: 1.559 ug/l

RT: 10.02 min Scan# 2565

Delta R.T. 0.04 min

Lab File: VN054044.D

Acq: 1 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampled :

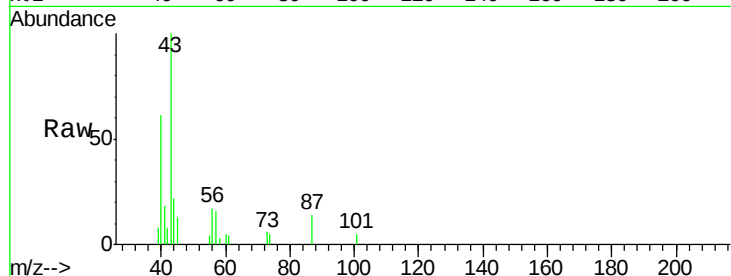
Z-3-11-B

Tot Ion: 43 Resp: 10087

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.02

8000

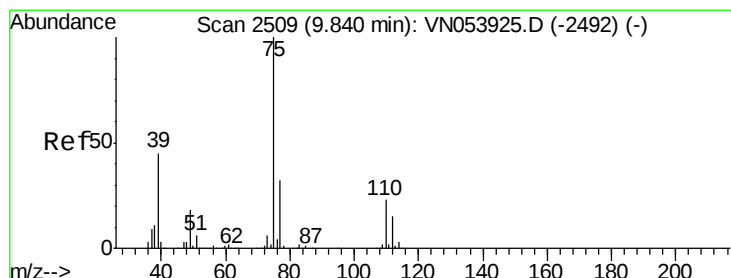
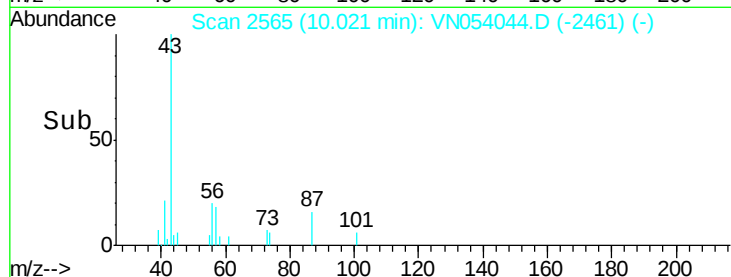
6000

4000

2000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 6.003 ug/l

RT: 9.91 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054044.D

Acq: 1 Mar 2019 21:55

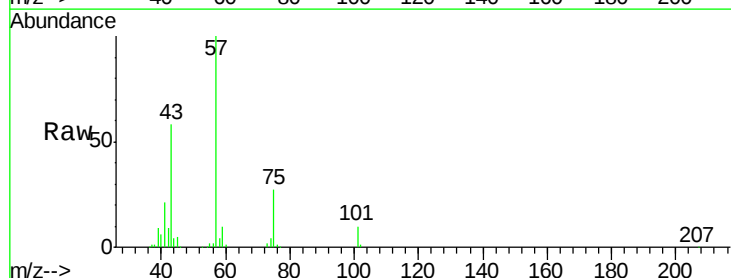
Tgt Ion: 75 Resp: 72931

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

39 34.4 31.4 47.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

50000

40000

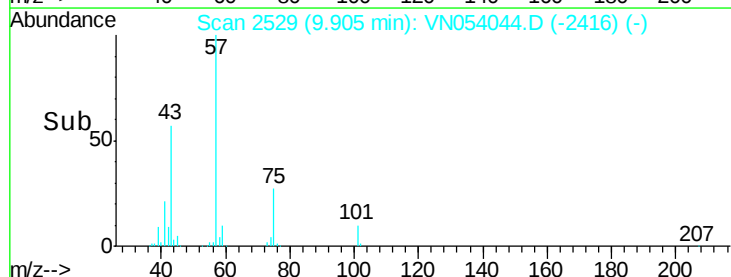
30000

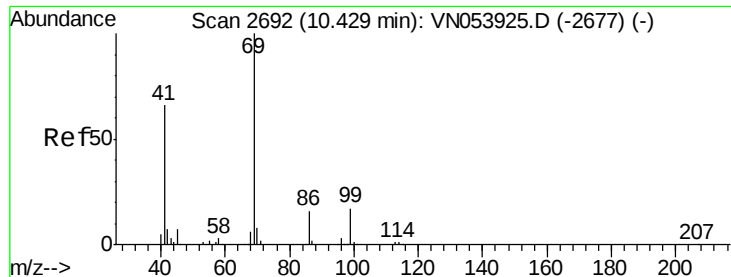
20000

10000

0

Time-->





#56

Ethyl methacrylate

Concen: 2.105 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN054044.D

Acq: 1 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampled :

Z-3-11-B

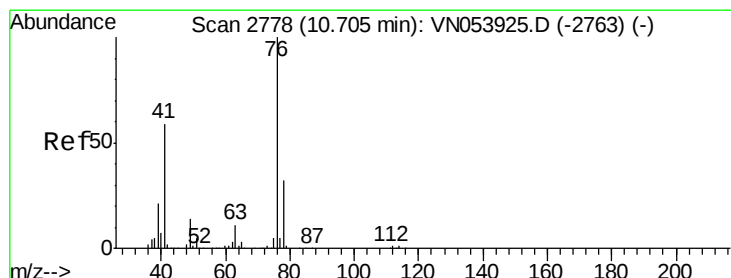
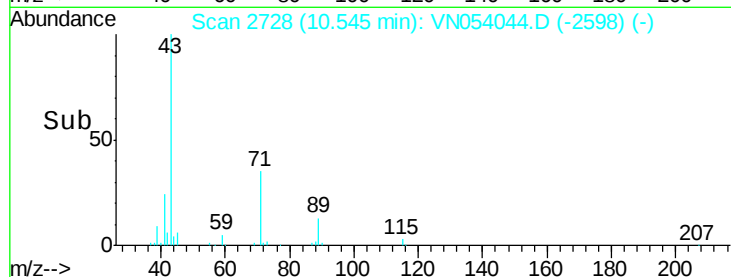
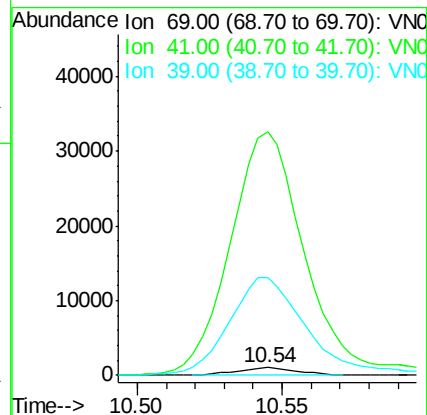
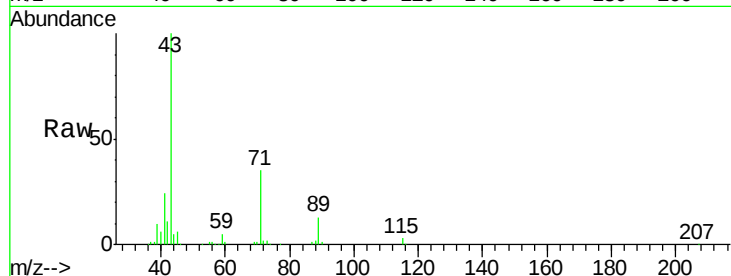
Tot Ion: 69 Resp: 1448

Ion Ratio Lower Upper

69 100

41 4054.3 47.5 71.3#

39 1696.3 23.4 35.0#



#57

1,3-Dichloropropane

Concen: 1.173 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054044.D

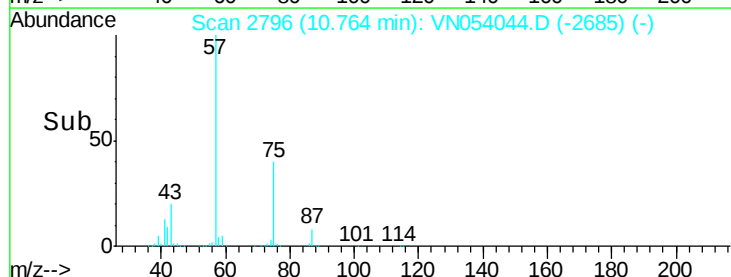
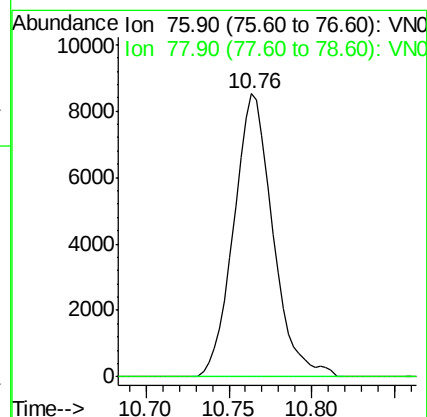
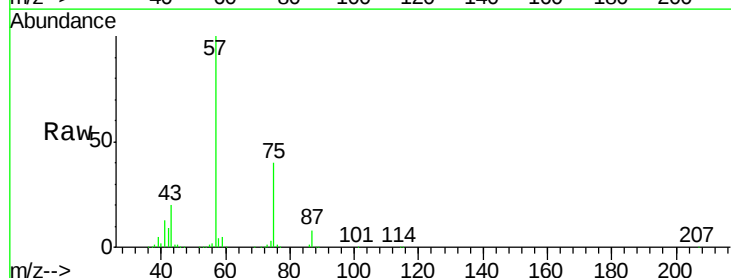
Acq: 1 Mar 2019 21:55

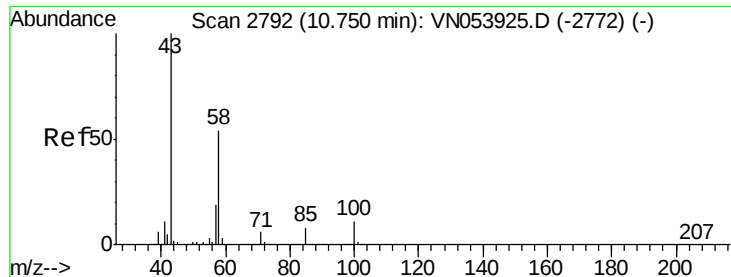
Tgt Ion: 76 Resp: 13985

Ion Ratio Lower Upper

76 100

78 0.0 25.2 37.8#

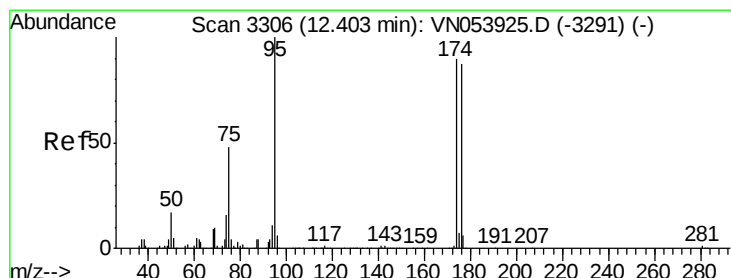
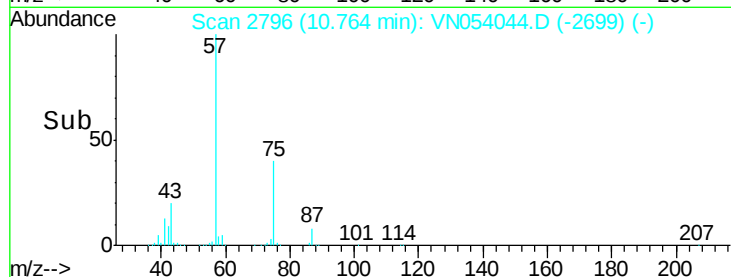
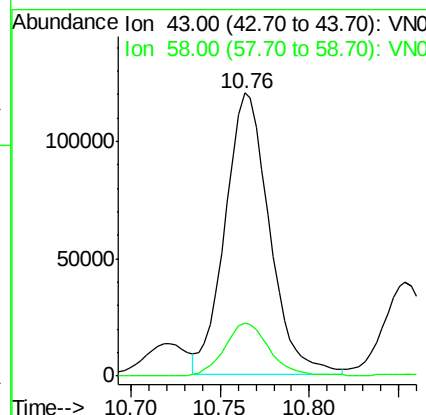
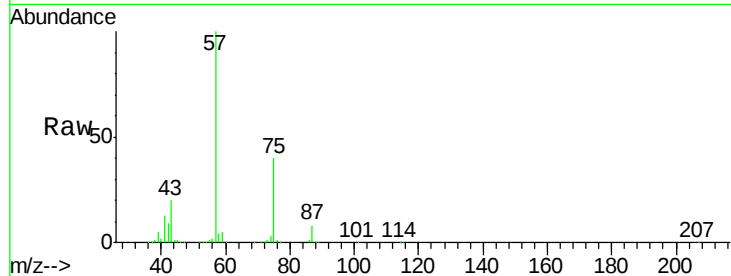




#59
2-Hexanone
Concen: 49.206 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054044.D
Acq: 1 Mar 2019 21:55

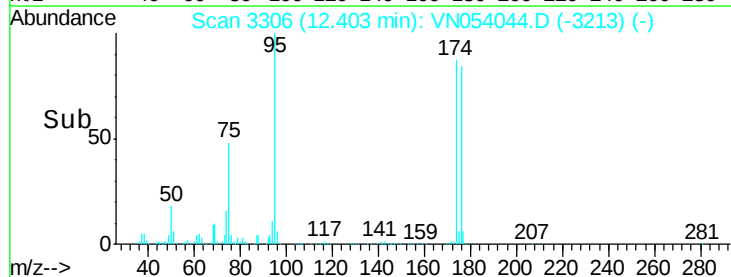
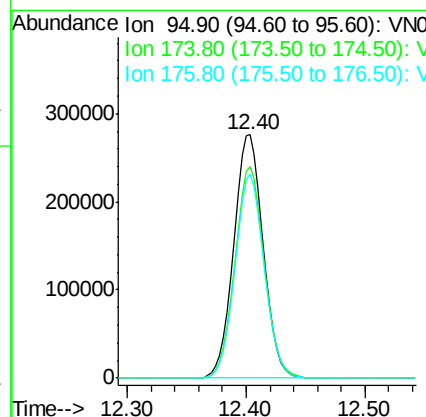
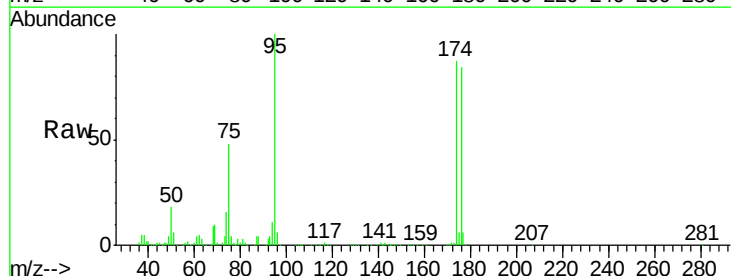
Instrument :
MSVOA_N
ClientSampled :
Z-3-11-B

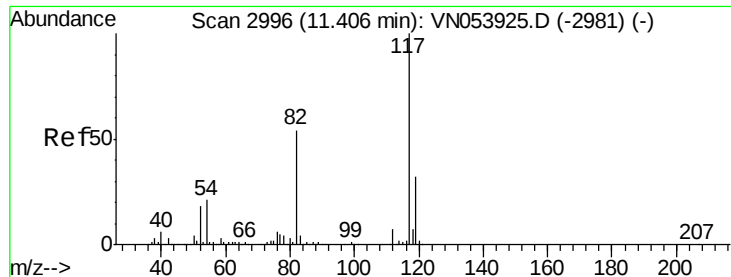
Tot Ion: 43 Resp: 207087
Ion Ratio Lower Upper
43 100
58 19.5 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 52.422 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054044.D
Acq: 1 Mar 2019 21:55

Tgt Ion: 95 Resp: 472218
Ion Ratio Lower Upper
95 100
174 86.8 0.0 188.8
176 83.1 0.0 182.6

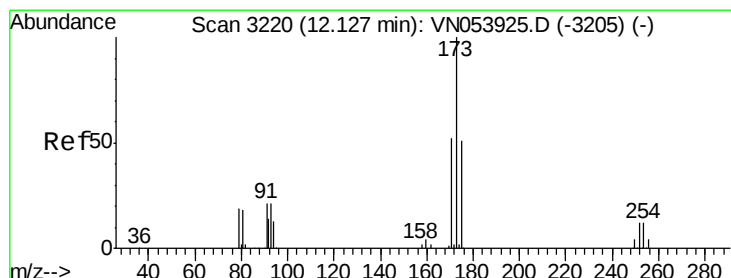
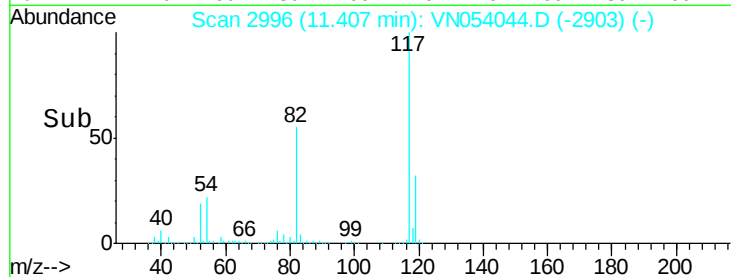
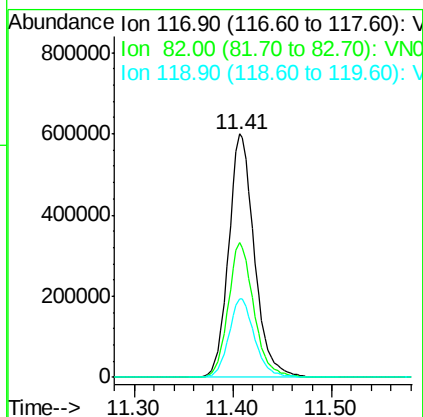
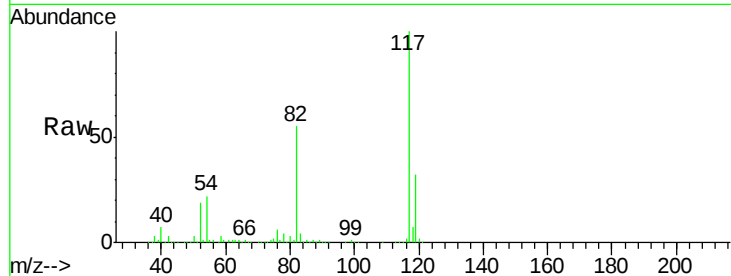




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054044.D
Acq: 1 Mar 2019 21:55

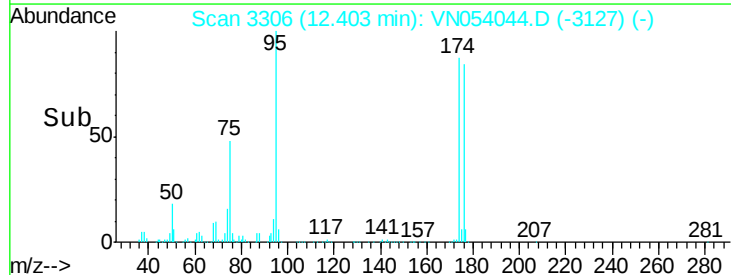
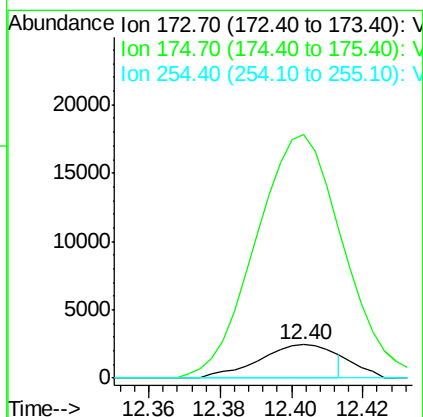
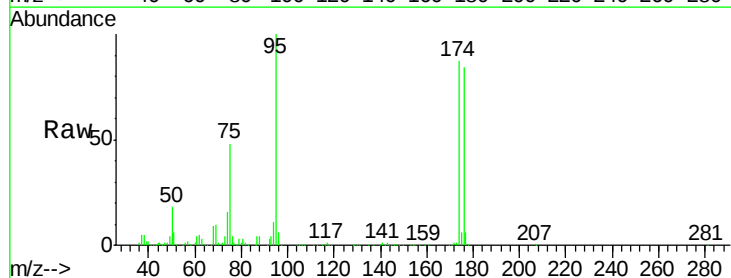
Instrument :
MSVOA_N
ClientSampleId :
Z-3-11-B

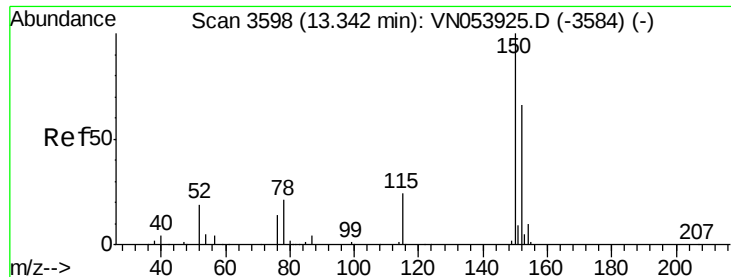
Tot Ion:117 Resp: 1089926
Ion Ratio Lower Upper
117 100
82 55.2 41.4 62.2
119 32.1 25.3 37.9



#71
Bromoform
Concen: 0.606 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054044.D
Acq: 1 Mar 2019 21:55

Tgt Ion:173 Resp: 3495
Ion Ratio Lower Upper
173 100
175 742.4 24.3 72.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054044.D

Acq: 1 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

Z-3-11-B

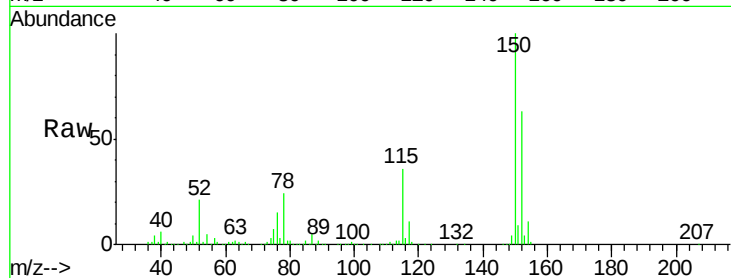
Tot Ion:152 Resp: 389992

Ion Ratio Lower Upper

152 100

115 57.5 27.2 81.6

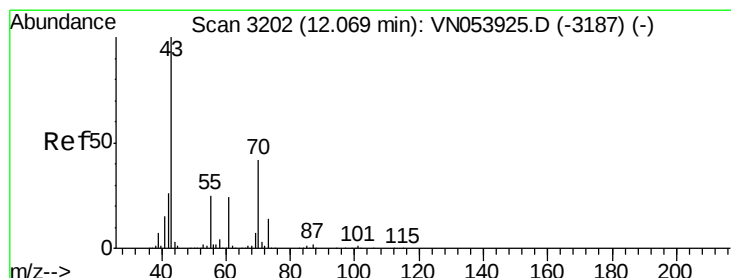
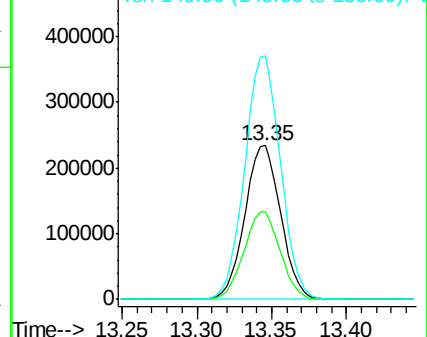
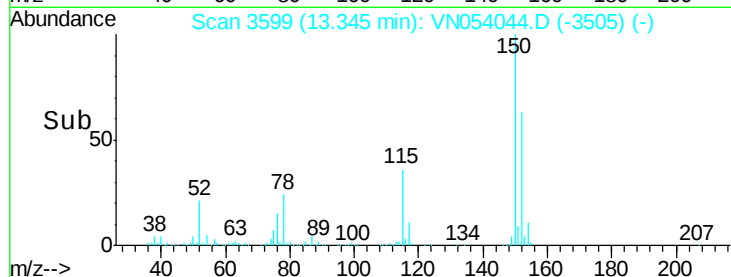
150 158.5 0.0 348.2



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: 2.522 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054044.D

Acq: 1 Mar 2019 21:55

Tgt Ion: 43 Resp: 20066

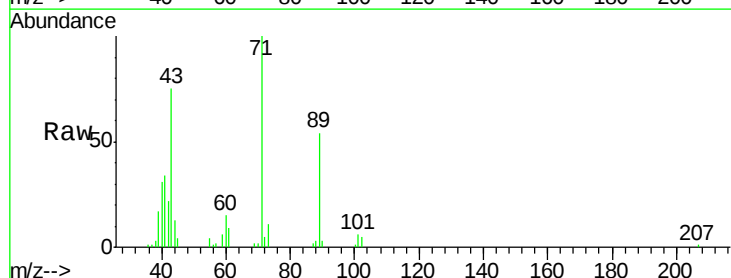
Ion Ratio Lower Upper

43 100

70 2.7 37.4 56.2#

55 5.3 21.4 32.0#

61 12.1 20.9 31.3#

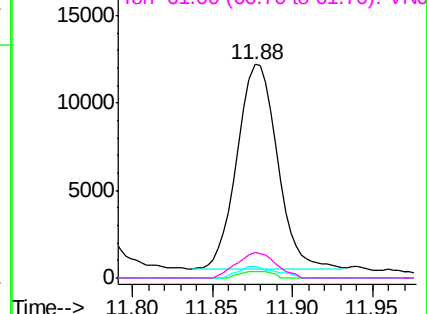
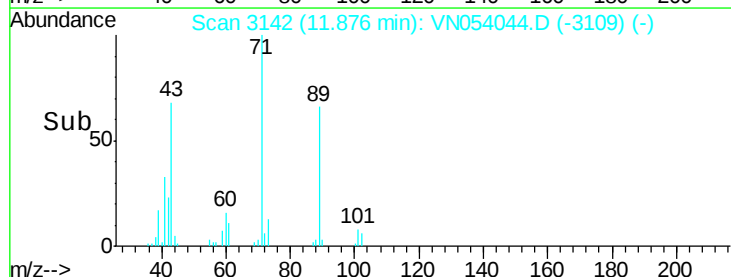


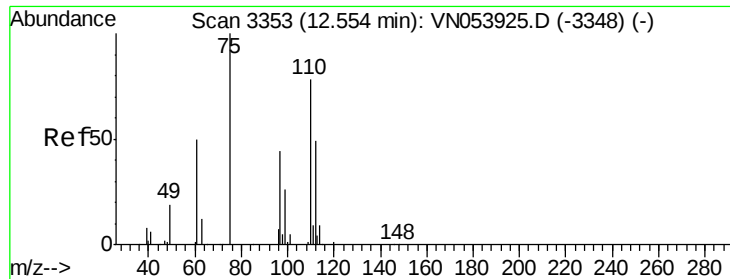
Abundance Ion 43.00 (42.70 to 43.70): V

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

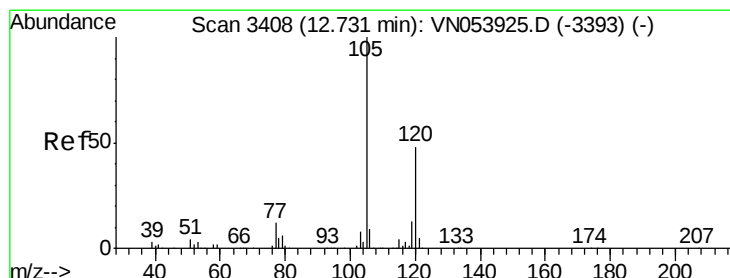
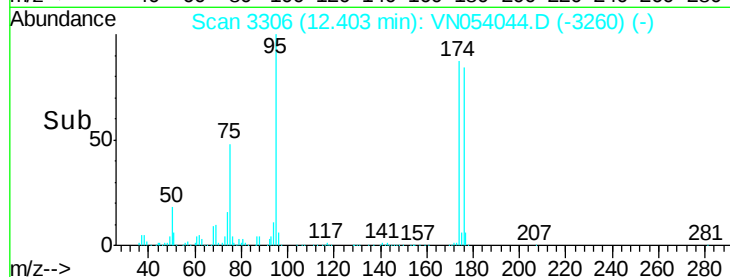
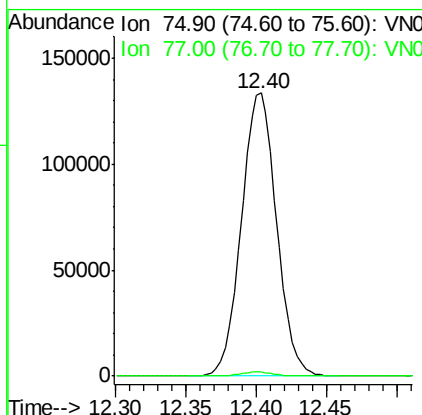
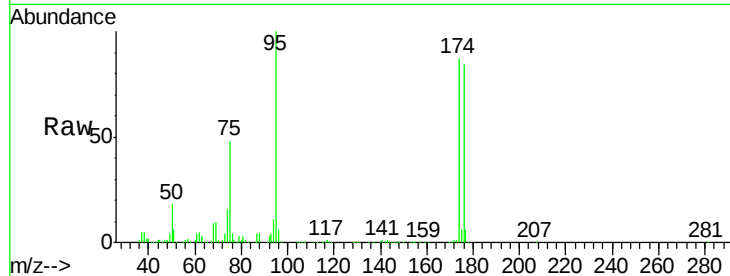




#76
 1,2,3-Trichloropropane
 Concen: 37.202 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN054044.D
 Acq: 1 Mar 2019 21:55

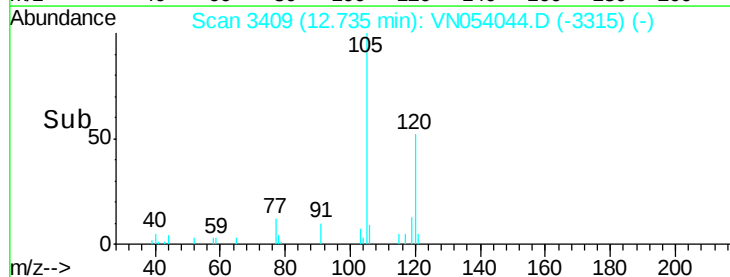
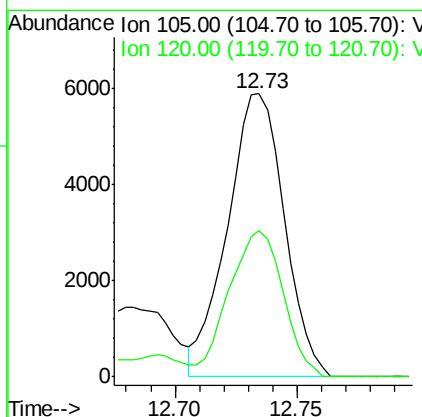
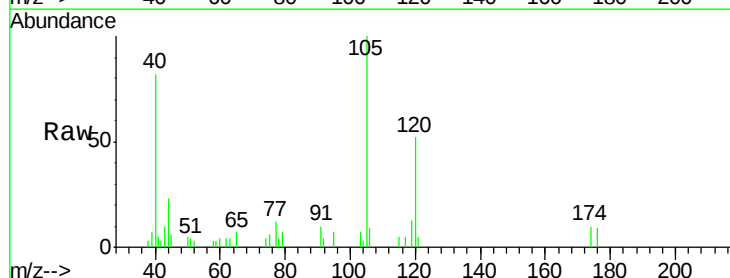
Instrument :
 MSVOA_N
 ClientSampled :
 Z-3-11-B

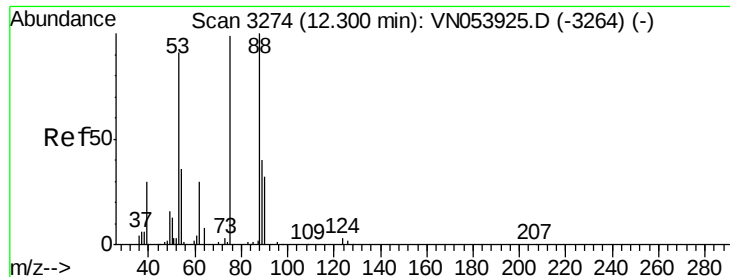
Tot Ion: 75 Resp: 232742
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.385 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN054044.D
 Acq: 1 Mar 2019 21:55

Tgt Ion: 105 Resp: 9564
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 117.582 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054044.D

Acq: 1 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampled :

Z-3-11-B

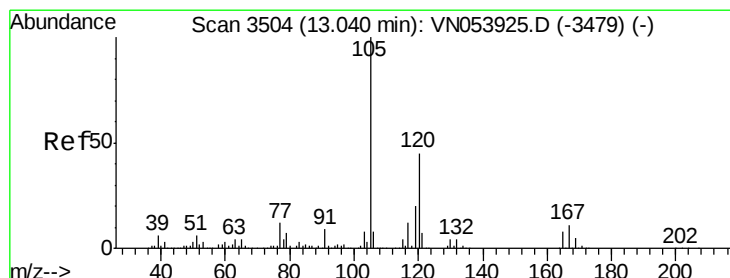
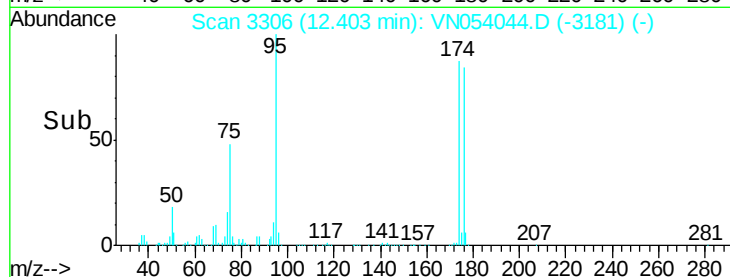
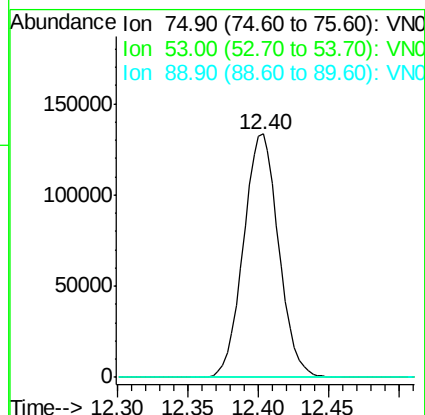
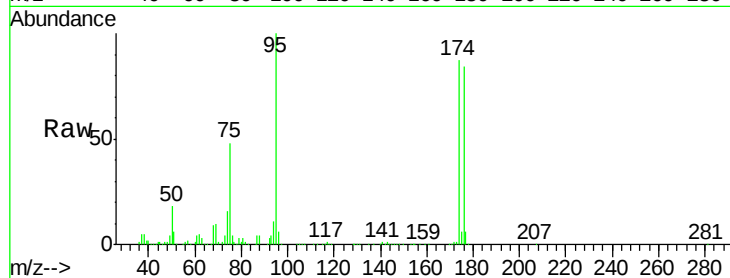
Tot Ion: 75 Resp: 232742

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

89 0.0 35.3 52.9#



#84

1,2,4-Trimethylbenzene

Concen: 0.400 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054044.D

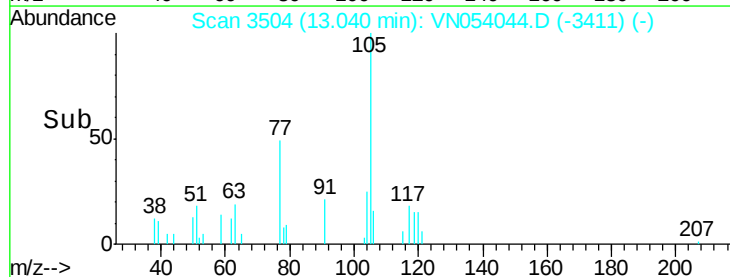
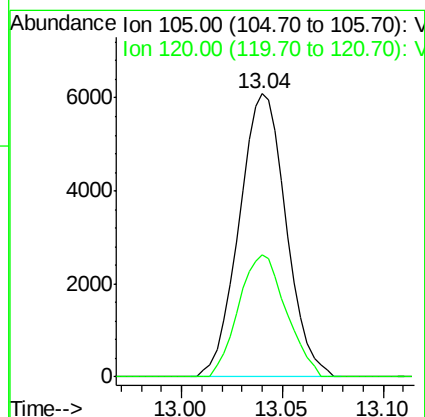
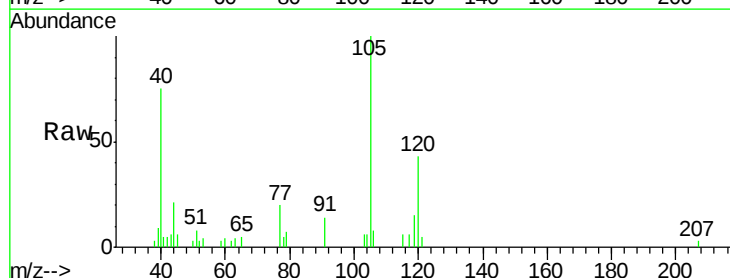
Acq: 1 Mar 2019 21:55

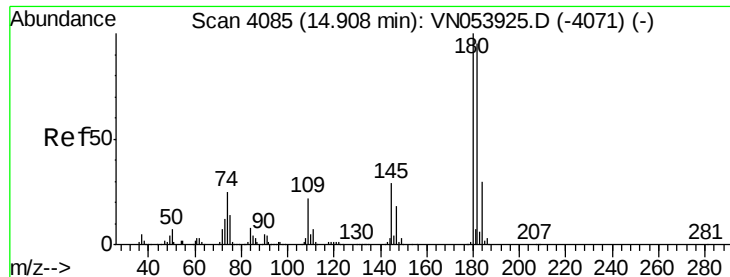
Tgt Ion: 105 Resp: 9923

Ion Ratio Lower Upper

105 100

120 43.5 23.2 69.5

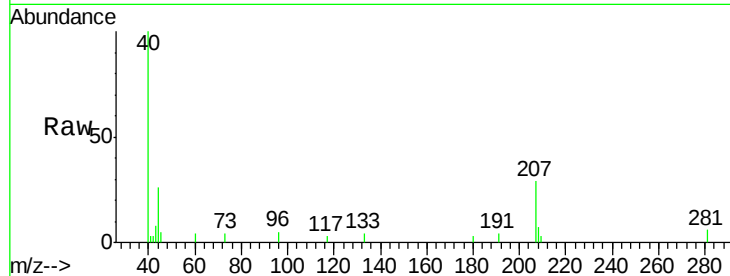




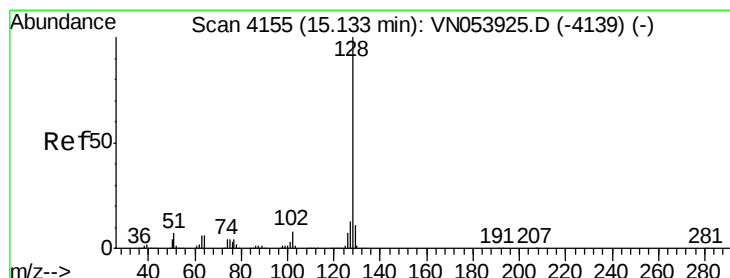
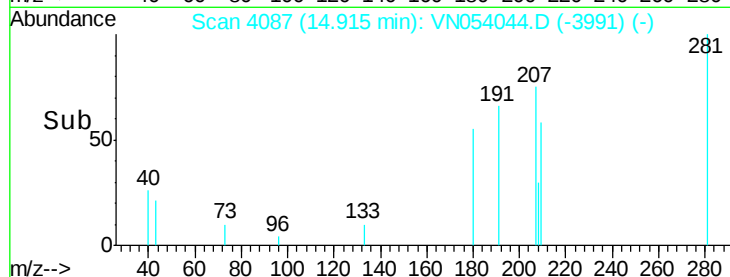
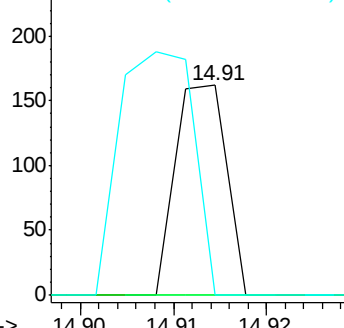
#93
 1,2,4-Trichlorobenzene
 Concen: 2.231 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN054044.D
 Acq: 1 Mar 2019 21:55

Instrument :
 MSVOA_N
 ClientSampled :
 Z-3-11-B

Tot Ion:180 Resp: 62
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.6 145.9#
 145 167.7 13.8 41.3#

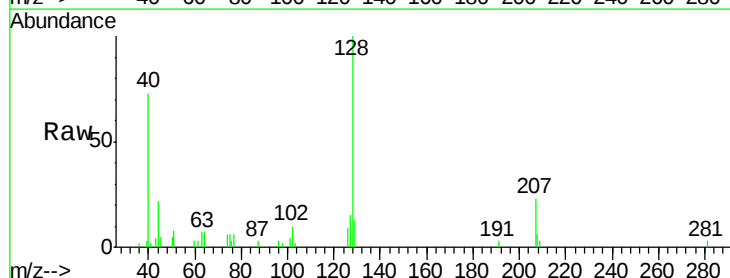


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 3.972 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN054044.D
 Acq: 1 Mar 2019 21:55

Tgt Ion:128 Resp: 12538
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.2 15.2
 129 12.0 8.6 12.8



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

