

Data File : VN050696.D
Acq On : 16 Aug 2018 12:19
Operator : MD\SY
Sample : PB112048ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB112048ZHE#01

Quant Time: Aug 17 03:02:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	611677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1007743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	855818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	293949	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	415727	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
35) Dibromofluoromethane	7.59	113	389770	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	10.09	98	1390546	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
62) 4-Bromofluorobenzene	12.40	95	370556	37.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.08%	

Target Compounds

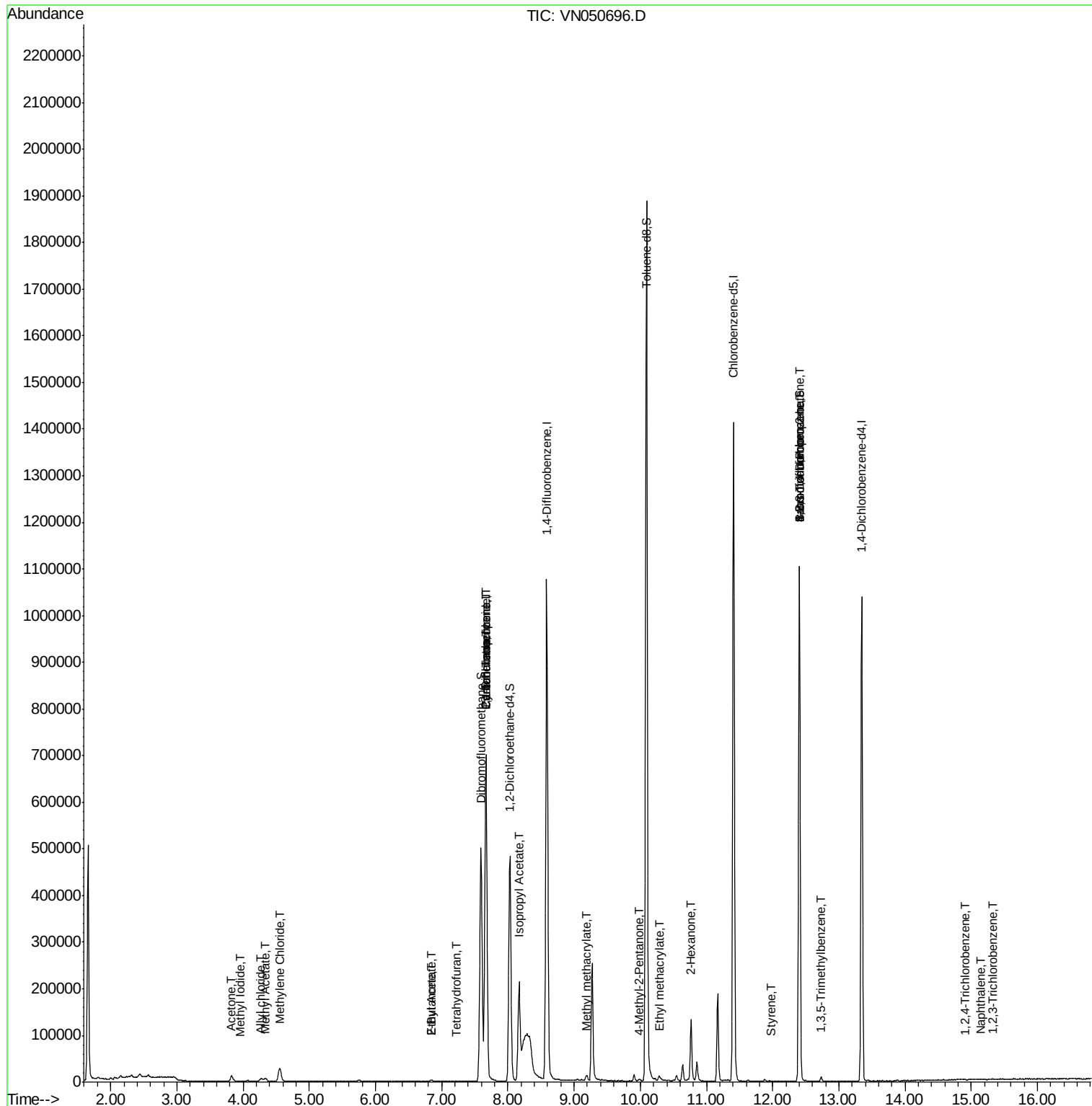
						Qvalue
3) Chloromethane	2.06	50	2986	Below Cal	#	84
5) Bromomethane	2.57	94	2651	Below Cal		96
6) Chloroethane	2.70	64	187	Below Cal	#	43
10) Methyl Iodide	3.95	142	786	7.080	ug/l #	67
14) Allyl chloride	4.27	41	12085	1.171	ug/l #	33
16) Acetone	3.82	43	20979	9.503	ug/l	99
18) Methyl Acetate	4.34	43	10527	0.968	ug/l #	86
20) Methylene Chloride	4.55	84	22086	1.787	ug/l	98
25) 2-Butanone	6.85	43	4033	1.276	ug/l	90
29) Tetrahydrofuran	7.22	42	904	0.548	ug/l #	49
31) Cyclohexane	7.67	56	11082	0.607	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	41815	3.728	ug/l #	48
37) Ethyl Acetate	6.85	43	4033	0.636	ug/l #	67
38) Carbon Tetrachloride	7.67	117	54797	4.709	ug/l #	18
43) Isopropyl Acetate	8.17	43	266587	23.069	ug/l	98
48) Methyl methacrylate	9.18	41	7482	1.287	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	3187	0.408	ug/l #	81
56) Ethyl methacrylate	10.29	69	60	1.911	ug/l #	1
59) 2-Hexanone	10.77	43	19226	3.811	ug/l #	59
70) Styrene	11.97	104	226	0.951	ug/l #	57
71) Bromoform	12.40	173	3640	0.688	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.41	83	155	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	175103	36.594	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	3904	0.212	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	175103	132.435	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.92	180	165	2.703	ug/l #	62
95) Naphthalene	15.13	128	1014	3.944	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.32	180	262	1.989	ug/l #	61

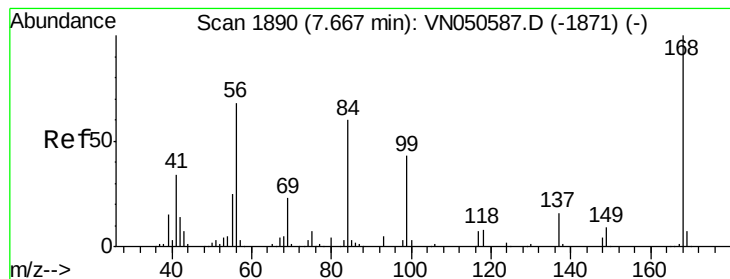
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VN050696.D
Acq On : 16 Aug 2018 12:19
Operator : MD\SY
Sample : PB112048ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB112048ZHE#01

Quant Time: Aug 17 03:02:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050696.D

Acq: 16 Aug 2018 12:19

Instrument :

MSVOA_N

ClientSampleId :

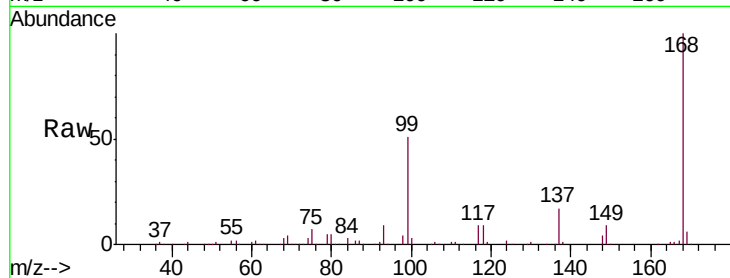
PB112048ZHE#01

Tgt Ion:168 Resp: 611677

Ion Ratio Lower Upper

168 100

99 50.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

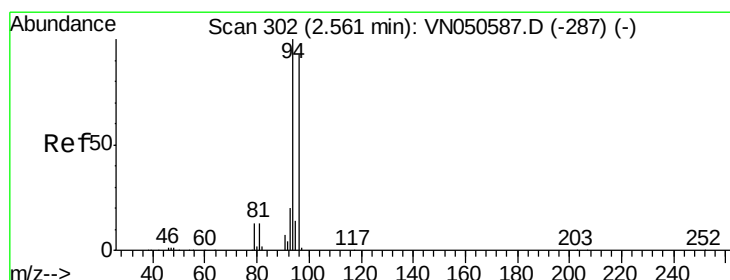
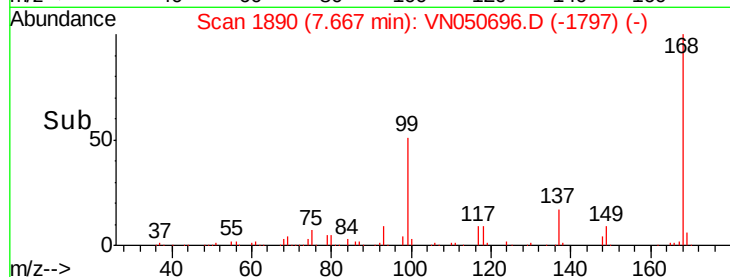
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050696.D

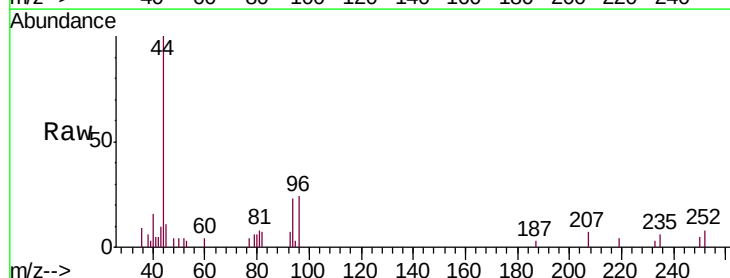
Acq: 16 Aug 2018 12:19

Tgt Ion: 94 Resp: 2651

Ion Ratio Lower Upper

94 100

96 88.7 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

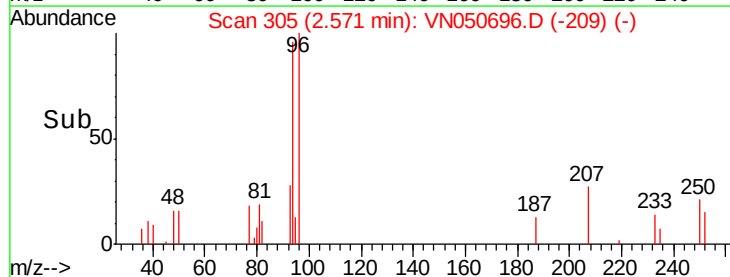
1500

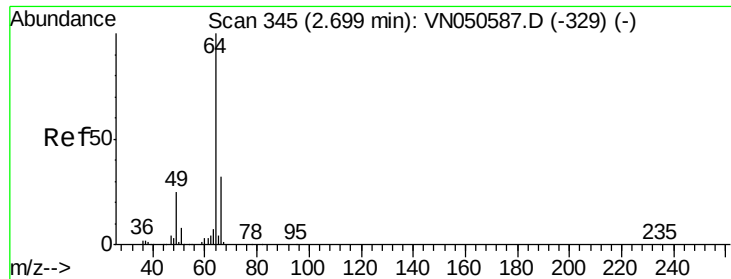
1000

500

0

Time--> 2.55 2.60





#6

Chloroethane

Concen: Below Cal

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050696.D

Acq: 16 Aug 2018 12:19

Instrument :

MSVOA_N

ClientSampleId :

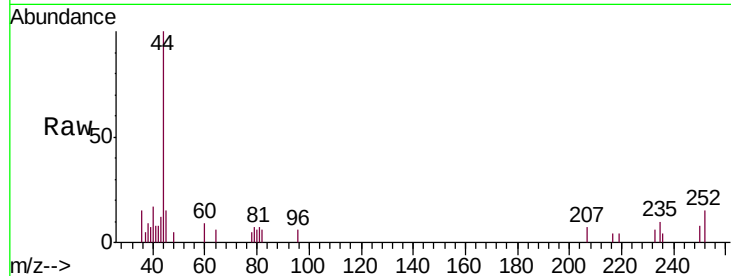
PB112048ZHE#01

Tgt Ion: 64 Resp: 187

Ion Ratio Lower Upper

64 100

66 0.0 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

2.71

2.68

2.69

2.70

2.71

2.68

2.69

2.70

2.71

2.68

2.69

2.70

2.71

2.68

2.69

2.70

2.71

2.68

2.69

2.70

2.71

2.68

2.69

2.70

2.71

2.68

2.69

2.70

2.71

2.68

2.69

2.70

2.71

2.68

2.69

2.70

2.71

2.68

2.69

2.70

2.71

2.68

2.69

2.70

2.71

2.68

2.69

2.70

2.71

2.68

2.69

2.70

2.71

2.68

2.69

2.70

2.71

2.68

2.69

2.70

2.71

2.68

2.69

2.70

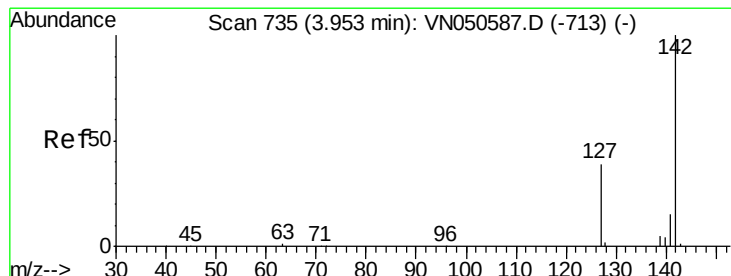
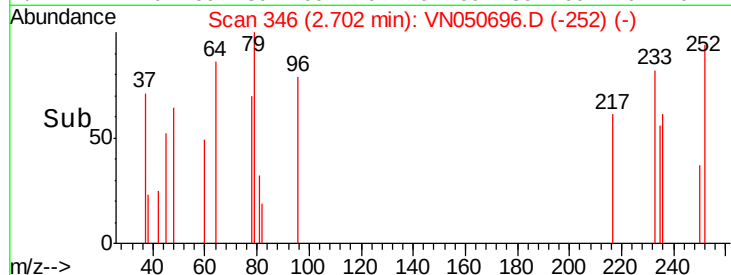
2.71

2.68

2.69

2.70

2.71



#10

Methyl Iodide

Concen: 7.080 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050696.D

Acq: 16 Aug 2018 12:19

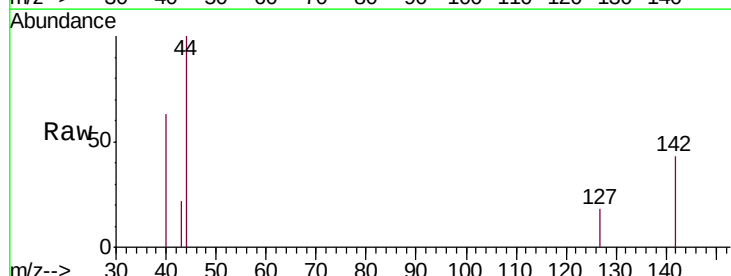
Tgt Ion: 142 Resp: 786

Ion Ratio Lower Upper

142 100

127 21.0 32.6 49.0#

141 0.0 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.95

3.96

3.97

3.98

3.92

3.93

3.94

3.95

3.96

3.97

3.98

3.92

3.93

3.94

3.95

3.96

3.97

3.98

3.92

3.93

3.94

3.95

3.96

3.97

3.98

3.92

3.93

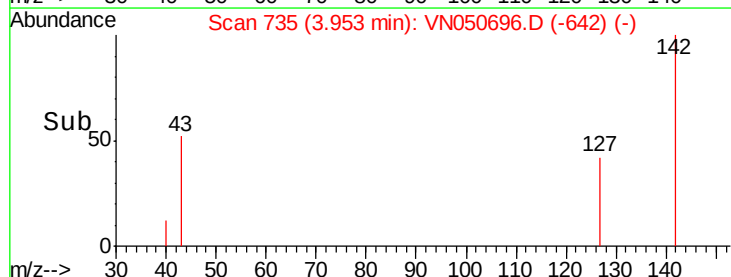
3.94

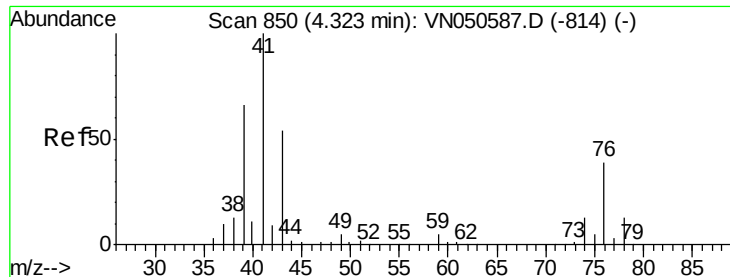
3.95

3.96

3.97

3.98

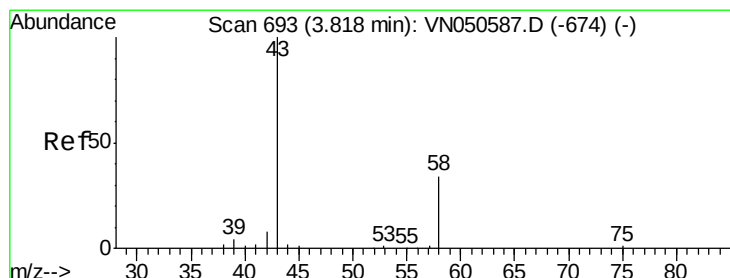
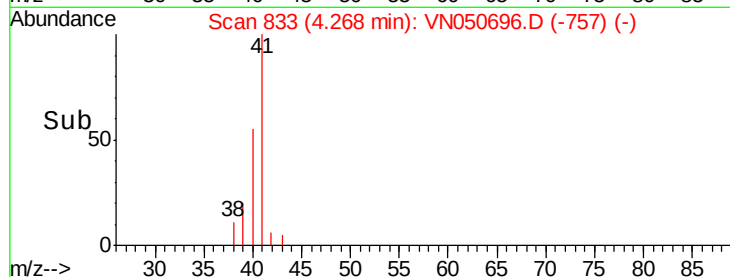
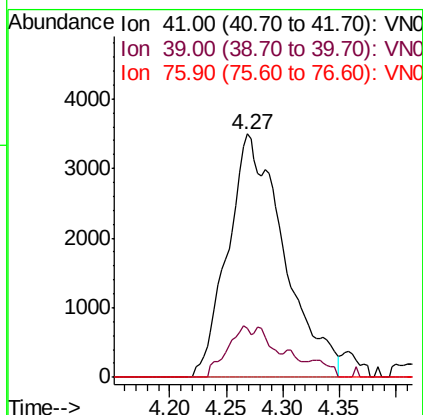
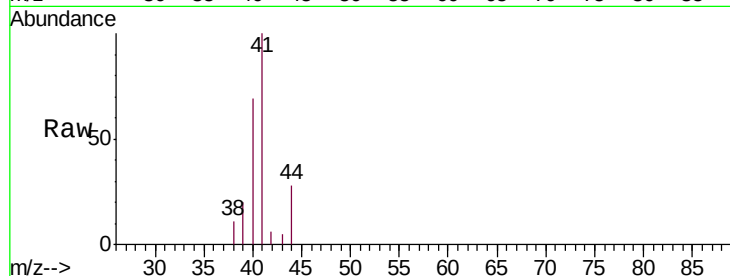




#14
 Allyl chloride
 Concen: 1.171 ug/l
 RT: 4.27 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

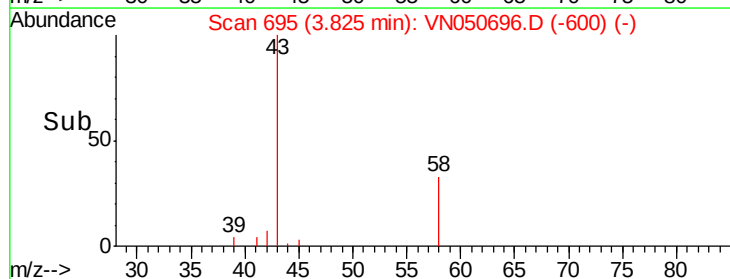
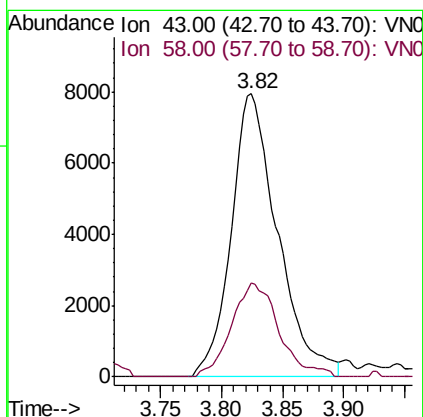
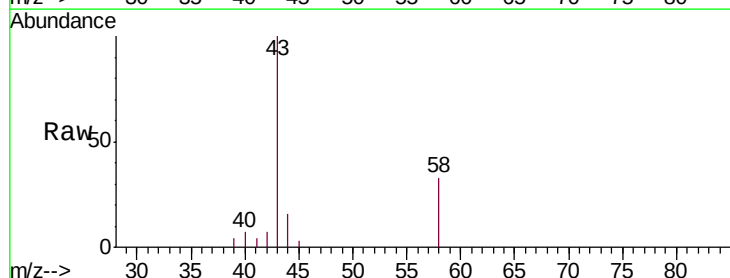
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112048ZHE#01

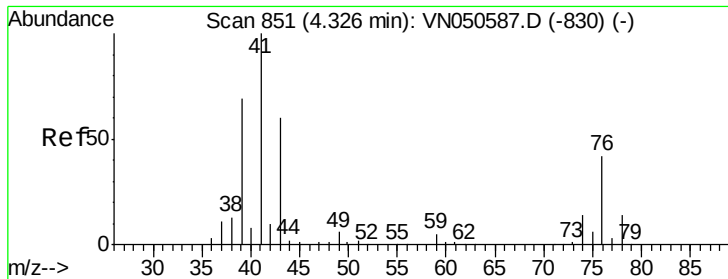
Tgt Ion: 41 Resp: 12085
 Ion Ratio Lower Upper
 41 100
 39 8.9 51.4 77.0#
 76 0.0 29.4 44.0#



#16
 Acetone
 Concen: 9.503 ug/l
 RT: 3.82 min Scan# 695
 Delta R.T. 0.01 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

Tgt Ion: 43 Resp: 20979
 Ion Ratio Lower Upper
 43 100
 58 33.2 27.1 40.7

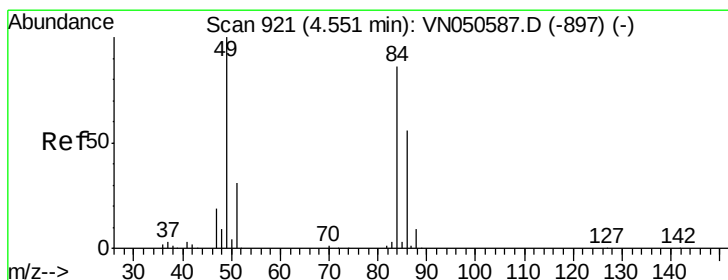
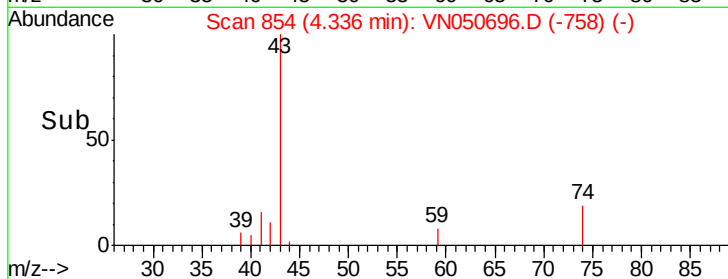
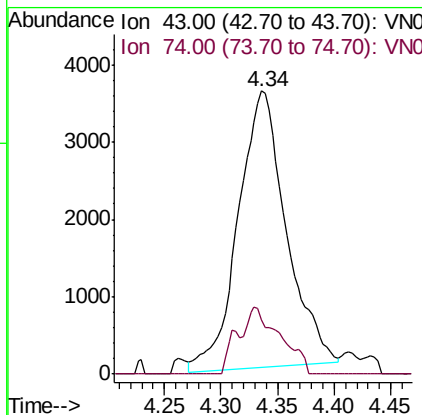
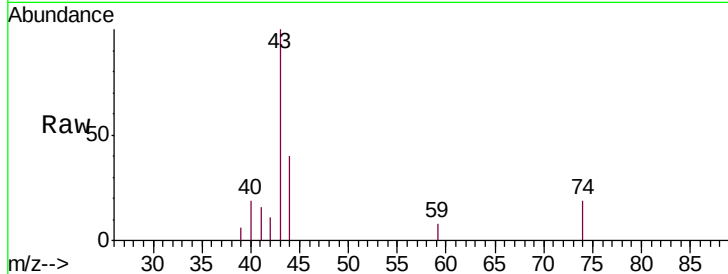




#18
Methyl Acetate
Concen: 0.968 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050696.D
Acq: 16 Aug 2018 12:19

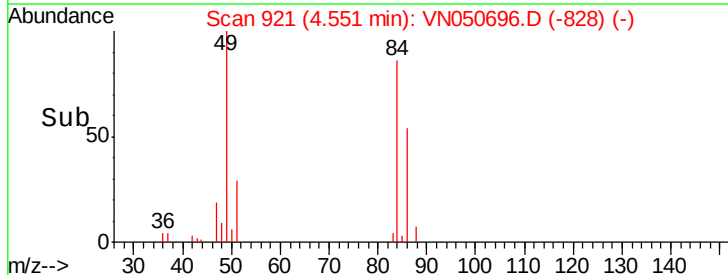
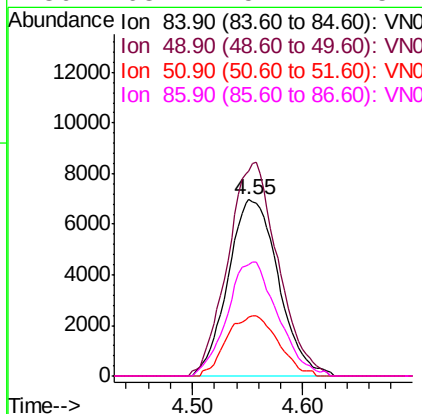
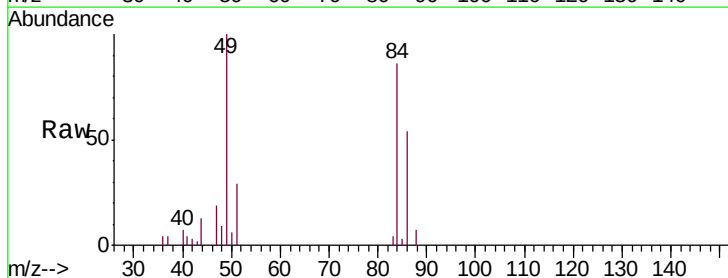
Instrument :
MSVOA_N
ClientSampleId :
PB112048ZHE#01

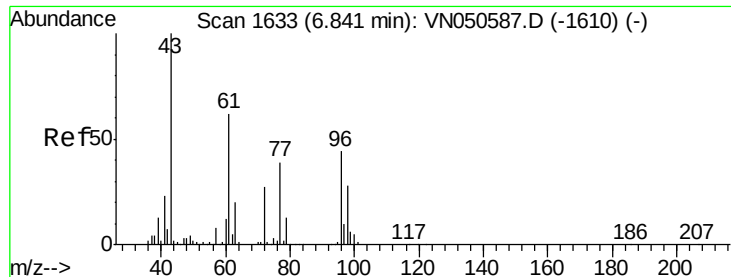
Tgt Ion: 43 Resp: 10527
Ion Ratio Lower Upper
43 100
74 17.5 19.7 29.5#



#20
Methylene Chloride
Concen: 1.787 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050696.D
Acq: 16 Aug 2018 12:19

Tgt Ion: 84 Resp: 22086
Ion Ratio Lower Upper
84 100
49 116.6 92.6 138.8
51 33.2 28.6 43.0
86 63.2 52.2 78.2

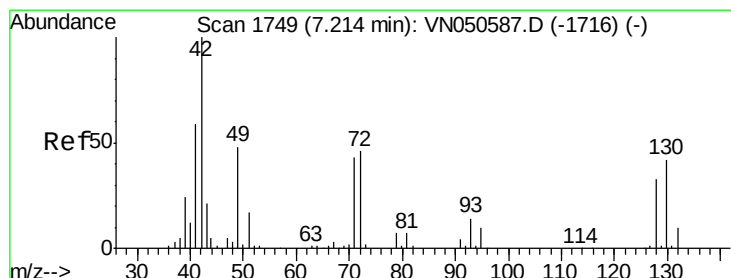
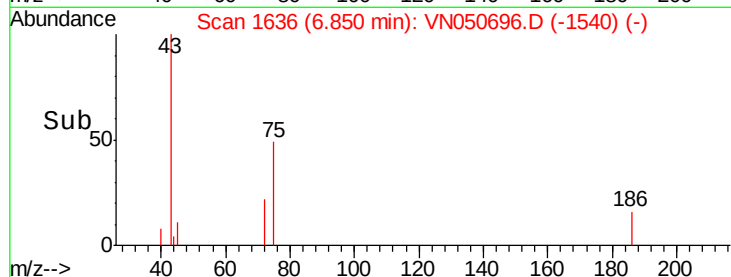
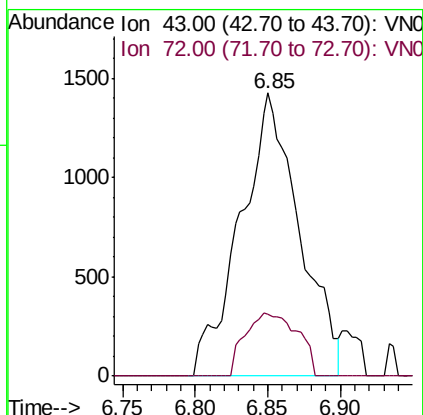
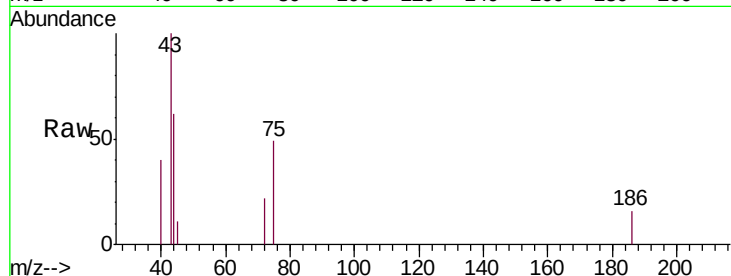




#25
 2-Butanone
 Concen: 1.276 ug/l
 RT: 6.85 min Scan# 1636
 Delta R.T. 0.01 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

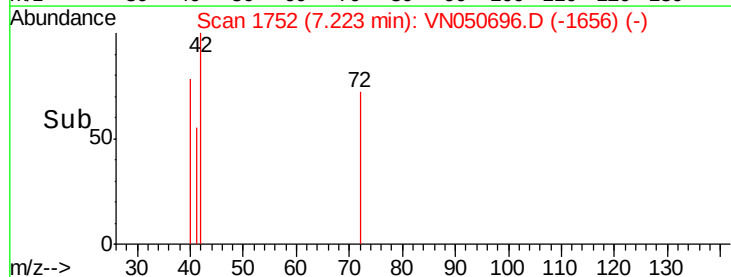
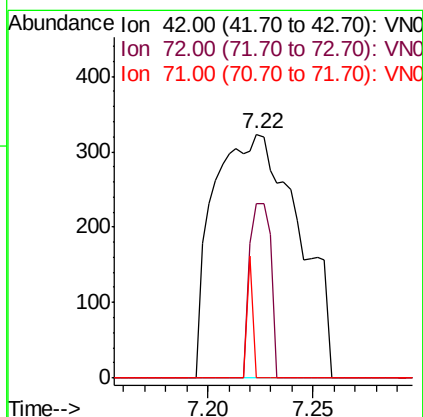
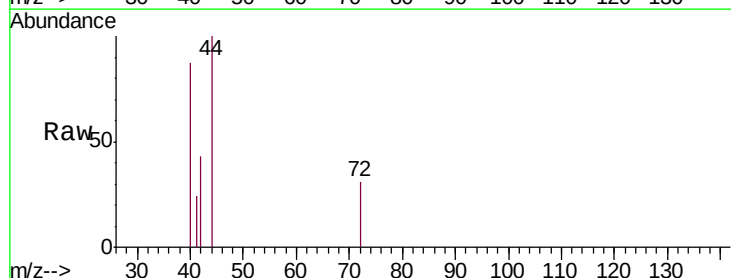
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112048ZHE#01

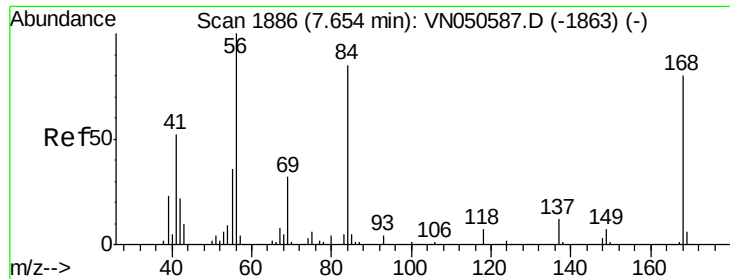
Tgt Ion: 43 Resp: 4033
 Ion Ratio Lower Upper
 43 100
 72 22.0 21.8 32.6



#29
 Tetrahydrofuran
 Concen: 0.548 ug/l
 RT: 7.22 min Scan# 1752
 Delta R.T. 0.01 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

Tgt Ion: 42 Resp: 904
 Ion Ratio Lower Upper
 42 100
 72 17.7 35.8 53.6#
 71 3.4 33.4 50.0#

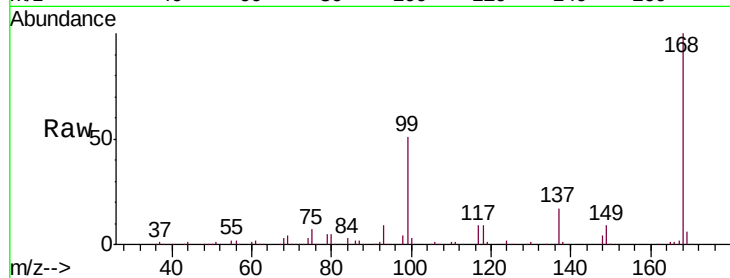




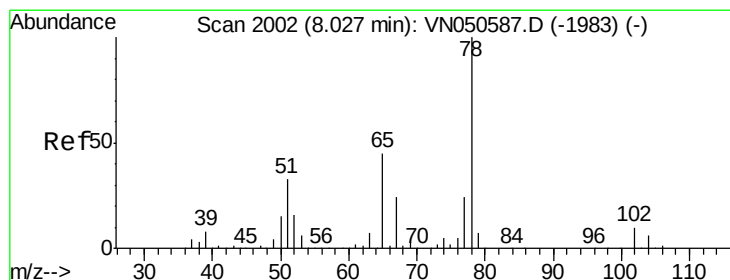
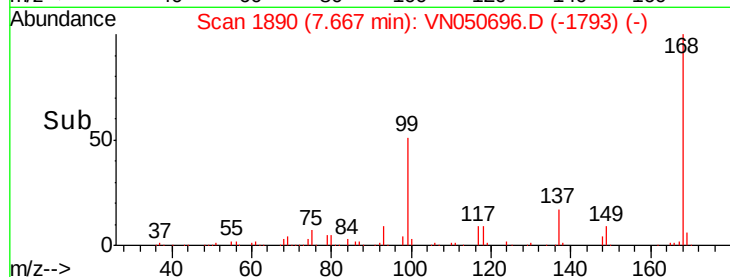
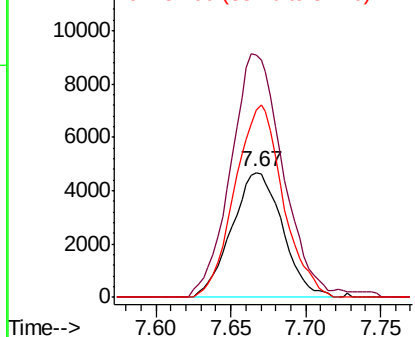
#31
Cyclohexane
Concen: 0.607 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050696.D
Acq: 16 Aug 2018 12:19

Instrument :
MSVOA_N
ClientSampleId :
PB112048ZHE#01

Tgt Ion: 56 Resp: 11082
Ion Ratio Lower Upper
56 100
69 193.7 25.8 38.6#
84 149.6 67.8 101.6#

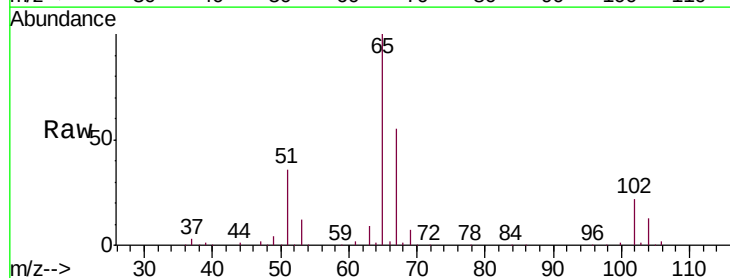


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

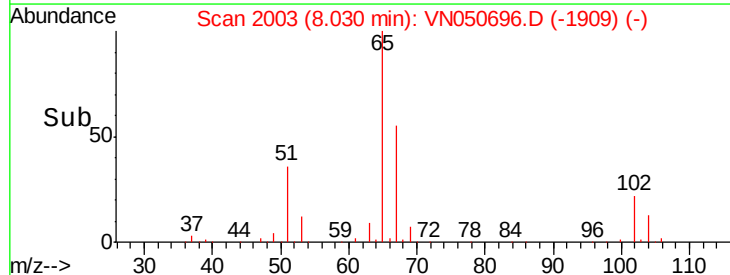
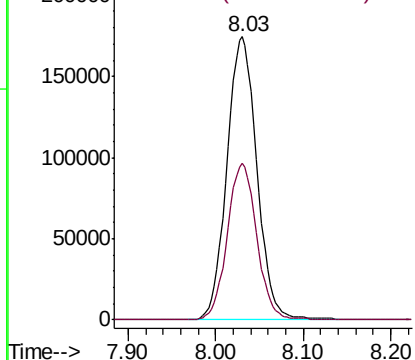


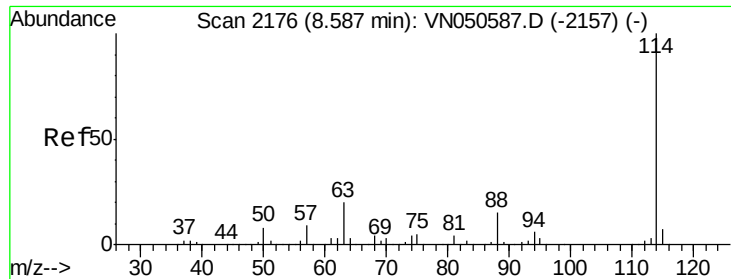
#33
1,2-Dichloroethane-d4
Concen: 53.919 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050696.D
Acq: 16 Aug 2018 12:19

Tgt Ion: 65 Resp: 415727
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

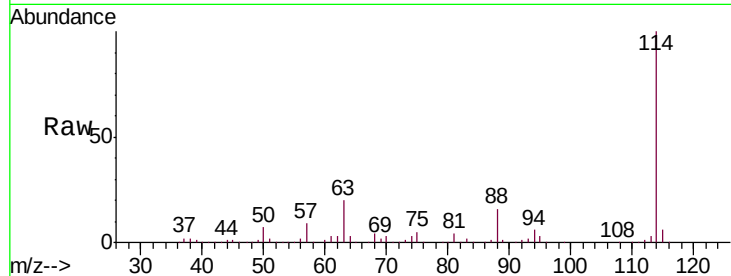




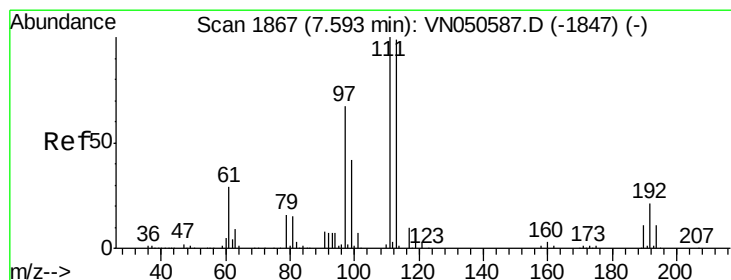
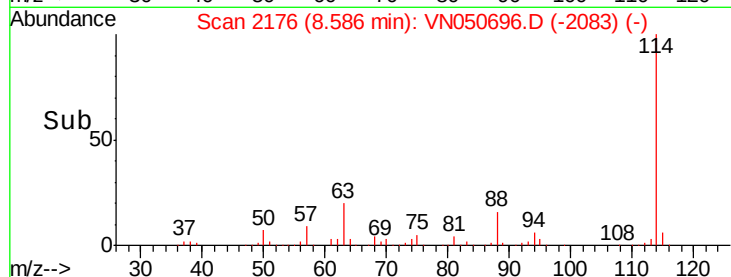
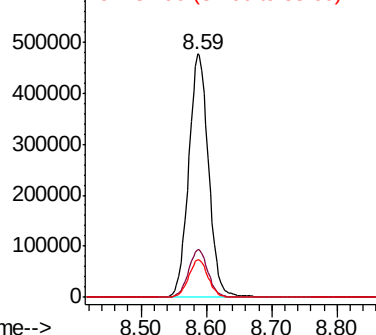
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112048ZHE#01

Tgt Ion:114 Resp: 1007743
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.6 0.0 30.8

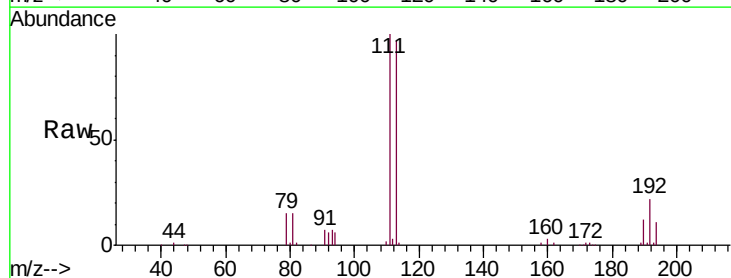


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

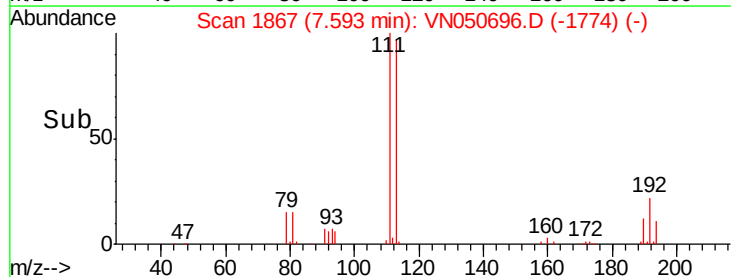
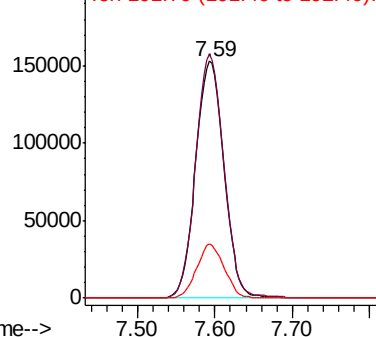


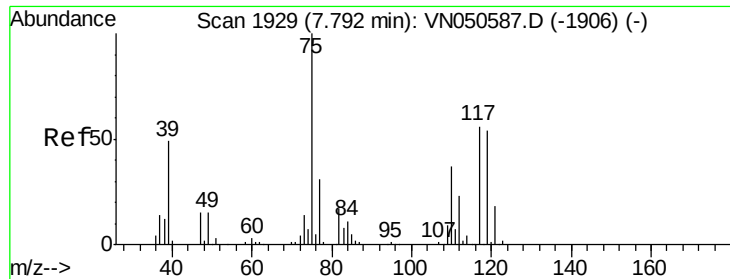
#35
 Dibromofluoromethane
 Concen: 48.446 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

Tgt Ion:113 Resp: 389770
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.0 121.6
 192 22.0 17.6 26.4



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

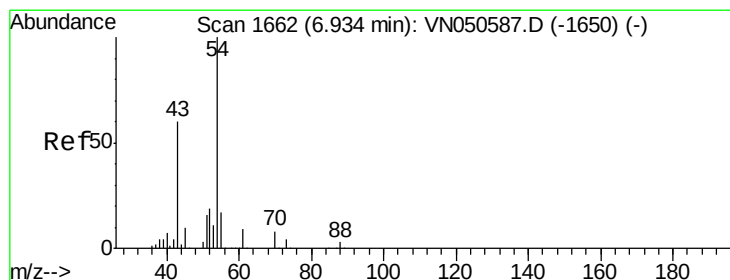
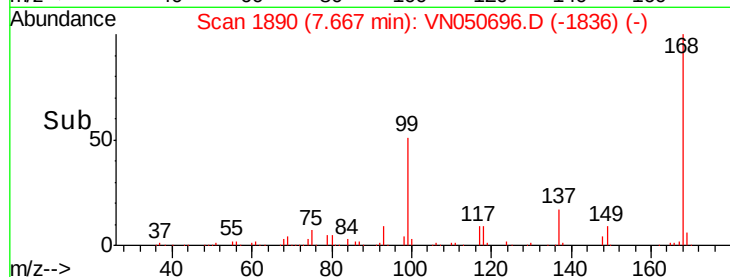
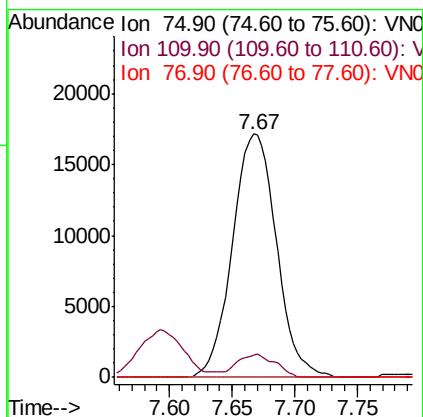
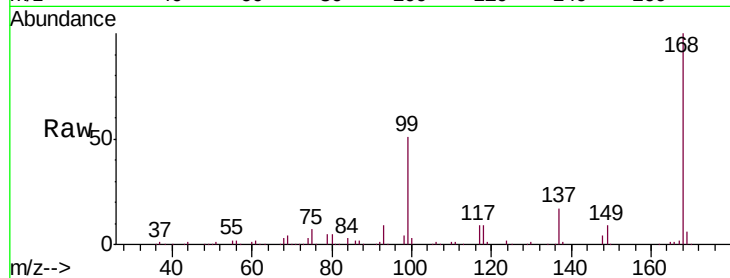




#36
 1,1-Dichloropropene
 Concen: 3.728 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

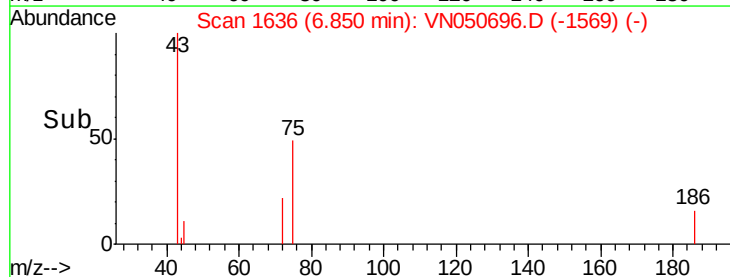
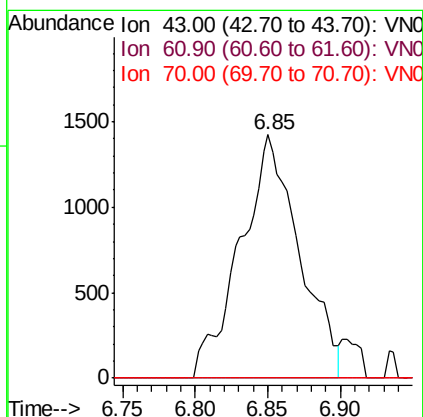
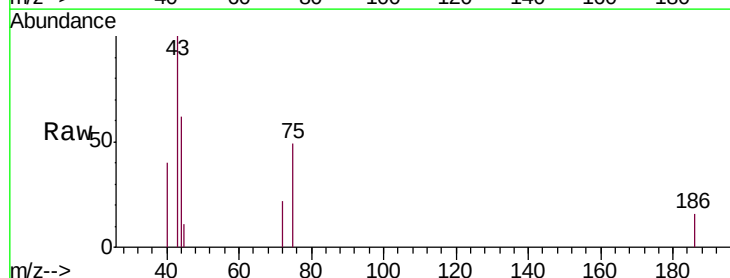
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112048ZHE#01

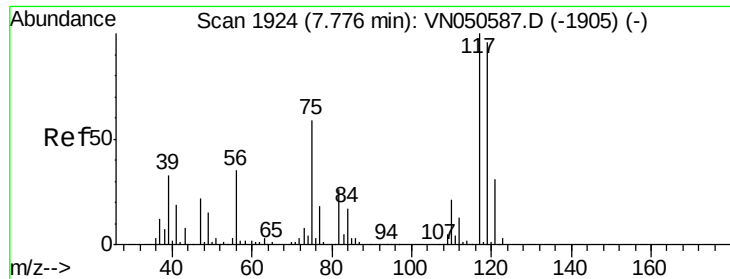
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.3	54.9#
77	0.0	25.0	37.4#



#37
 Ethyl Acetate
 Concen: 0.636 ug/l
 RT: 6.85 min Scan# 1636
 Delta R.T. -0.08 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.0	18.0#
70	0.0	8.5	12.7#

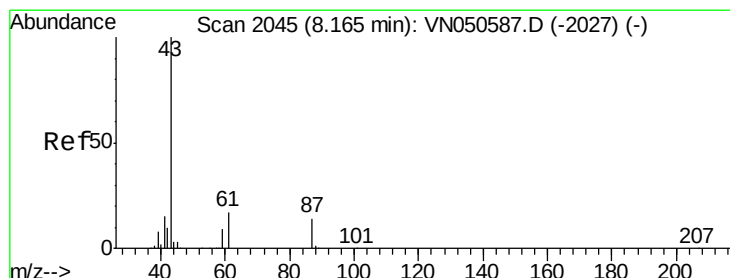
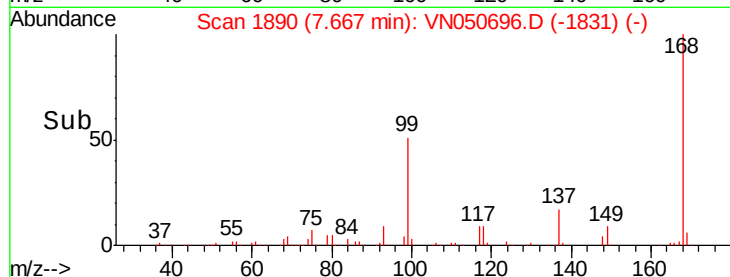
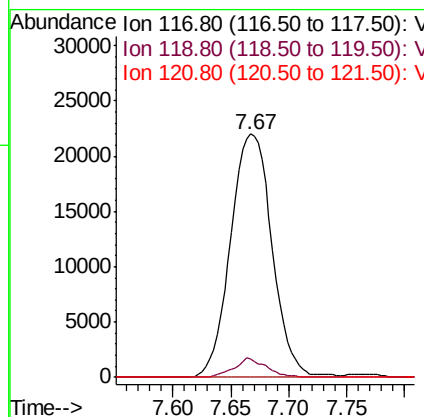
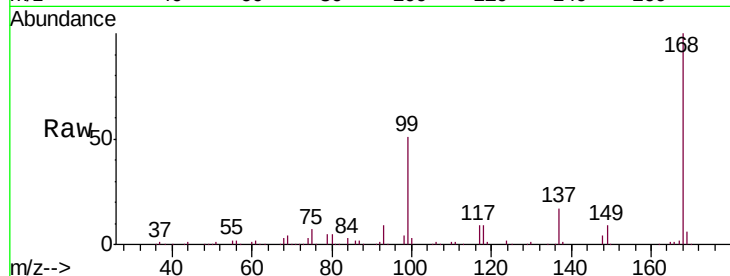




#38
Carbon Tetrachloride
Concen: 4.709 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050696.D
Acq: 16 Aug 2018 12:19

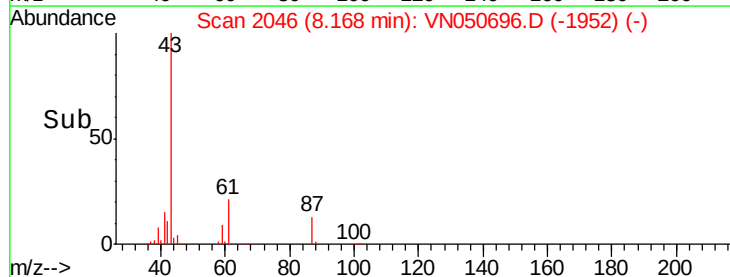
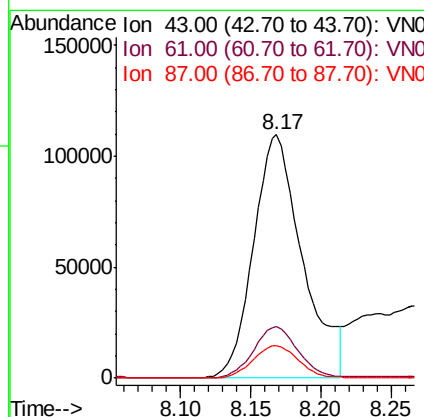
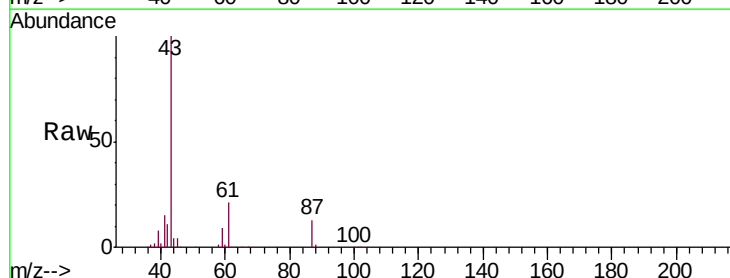
Instrument :
MSVOA_N
ClientSampleId :
PB112048ZHE#01

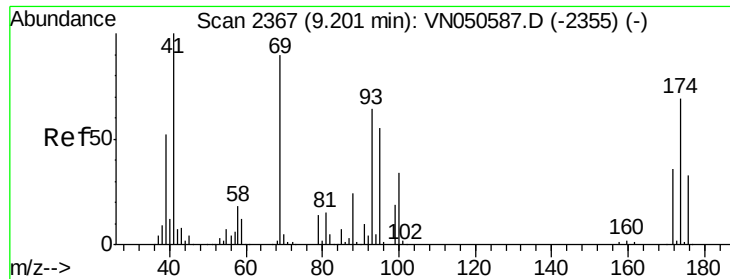
Tgt Ion: 117 Resp: 54797
Ion Ratio Lower Upper
117 100
119 7.7 76.6 115.0#
121 0.0 25.0 37.6#



#43
Isopropyl Acetate
Concen: 23.069 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050696.D
Acq: 16 Aug 2018 12:19

Tgt Ion: 43 Resp: 266587
Ion Ratio Lower Upper
43 100
61 19.4 16.2 24.2
87 12.5 10.9 16.3

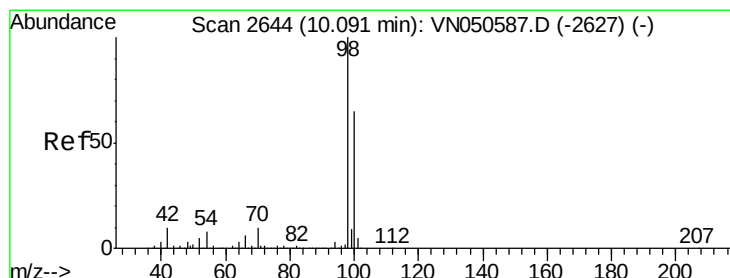
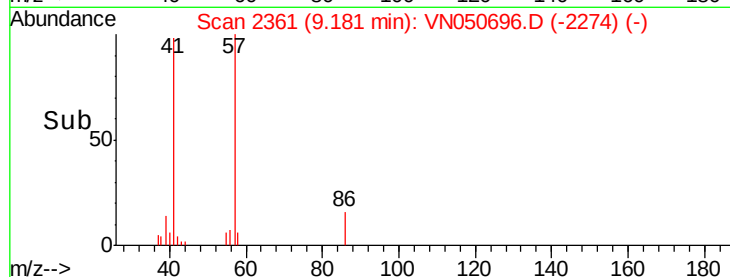
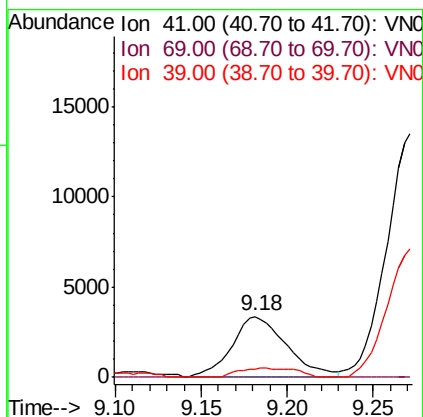
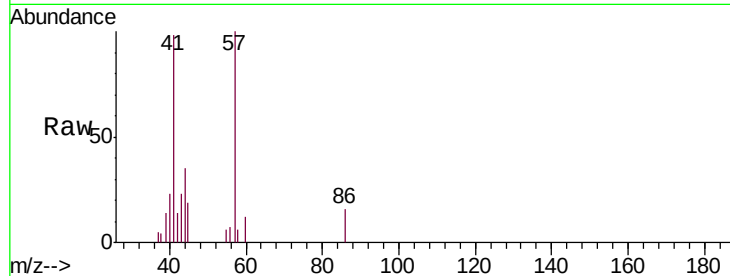




#48
Methyl methacrylate
Concen: 1.287 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050696.D
Acq: 16 Aug 2018 12:19

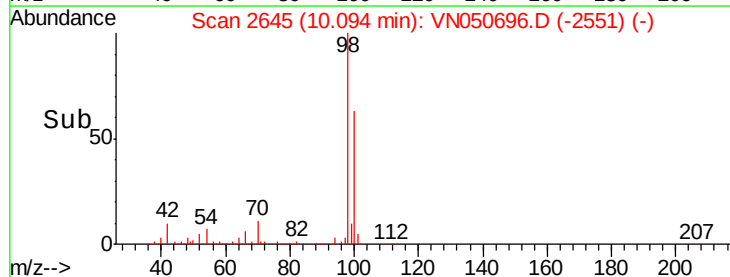
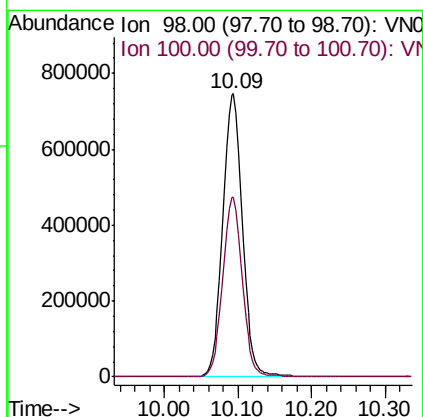
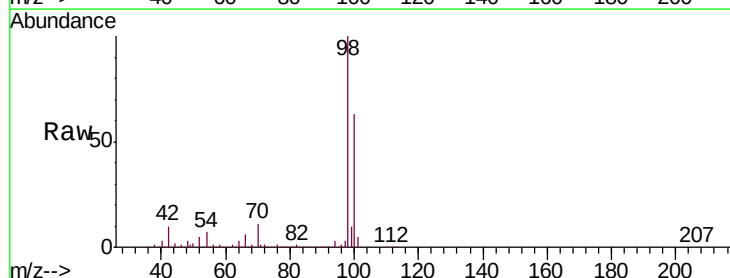
Instrument :
MSVOA_N
ClientSampleId :
PB112048ZHE#01

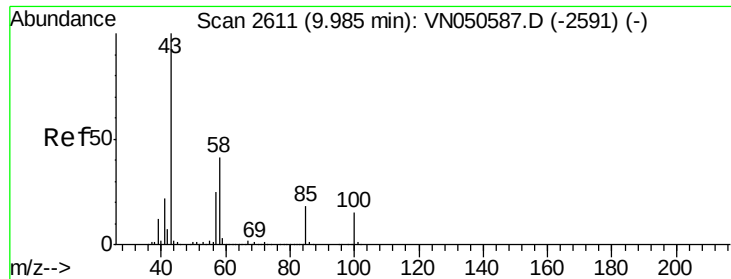
Tgt Ion: 41 Resp: 7482
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.0#
39 15.9 43.0 64.6#



#50
Toluene-d8
Concen: 45.924 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050696.D
Acq: 16 Aug 2018 12:19

Tgt Ion: 98 Resp: 1390546
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8

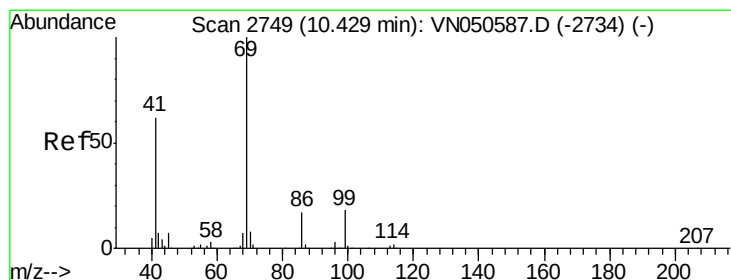
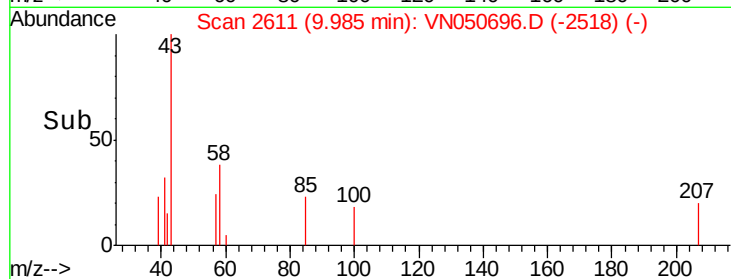
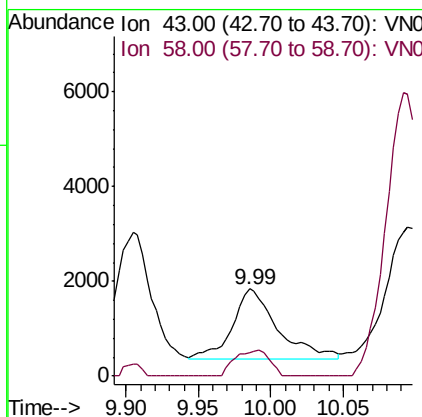
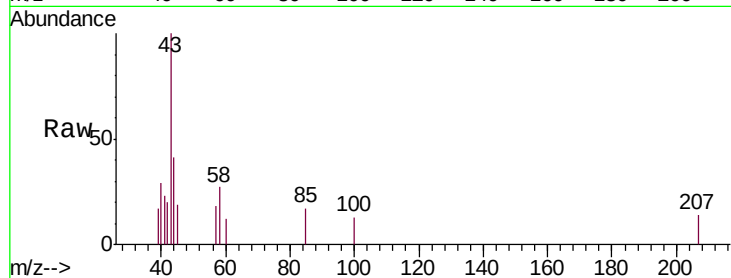




#51
 4-Methyl-2-Pentanone
 Concen: 0.408 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

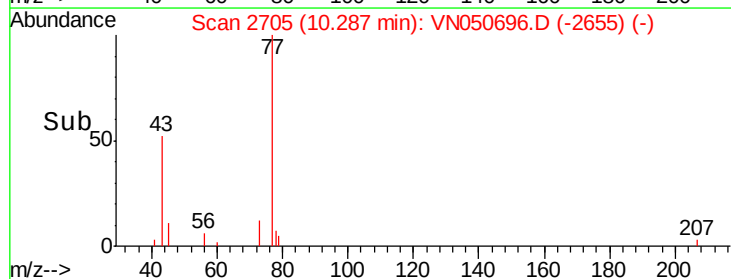
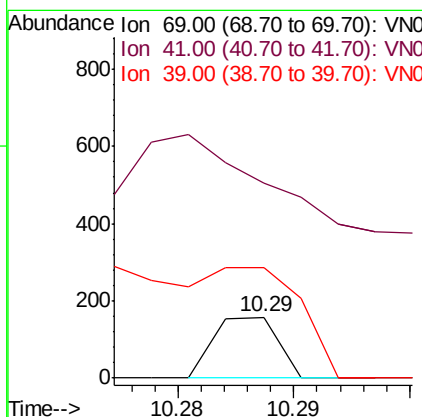
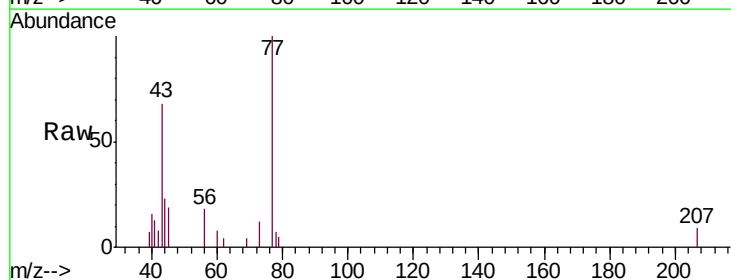
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112048ZHE#01

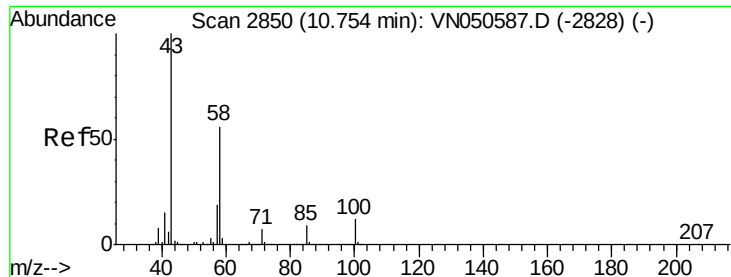
Tgt Ion: 43 Resp: 3187
 Ion Ratio Lower Upper
 43 100
 58 28.7 32.5 48.7#



#56
 Ethyl methacrylate
 Concen: 1.911 ug/l
 RT: 10.29 min Scan# 2705
 Delta R.T. -0.14 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

Tgt Ion: 69 Resp: 60
 Ion Ratio Lower Upper
 69 100
 41 1688.3 49.7 74.5#
 39 671.7 24.2 36.2#

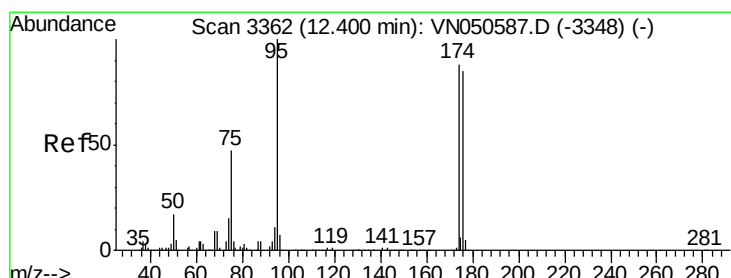
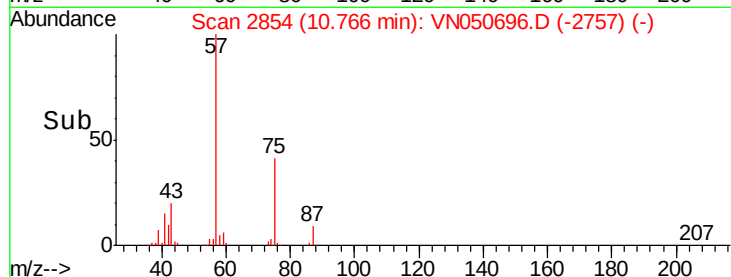
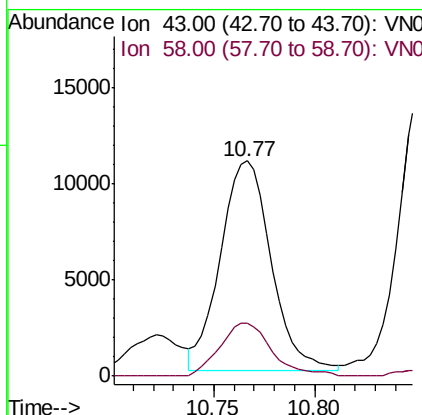
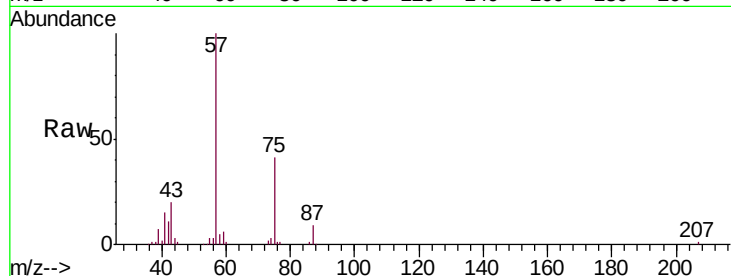




#59
 2-Hexanone
 Concen: 3.811 ug/l
 RT: 10.77 min Scan# 2854
 Delta R.T. 0.01 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

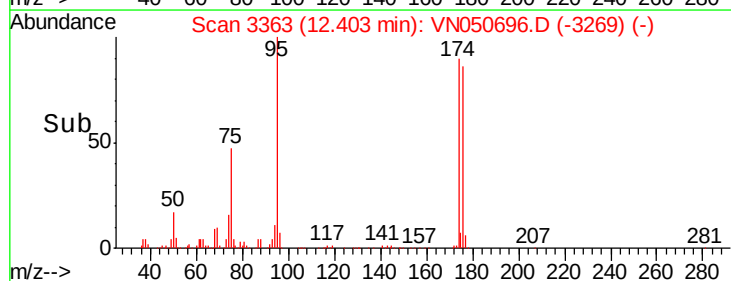
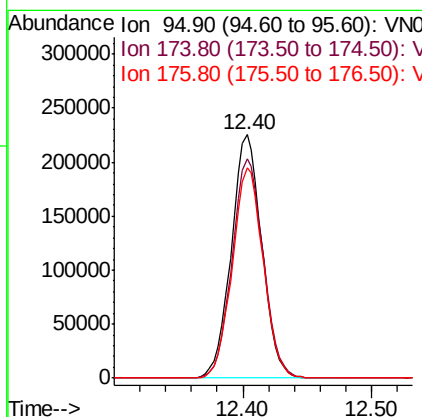
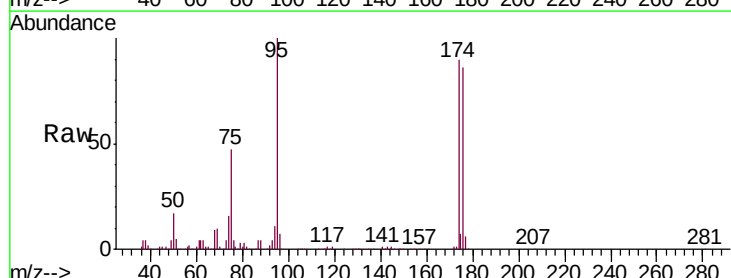
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112048ZHE#01

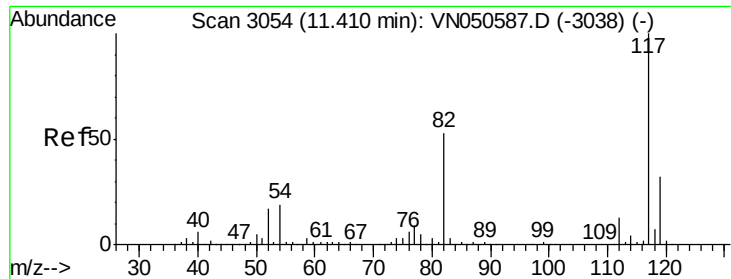
Tgt Ion: 43 Resp: 19226
 Ion Ratio Lower Upper
 43 100
 58 25.9 28.0 84.0#



#62
 4-Bromofluorobenzene
 Concen: 37.044 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

Tgt Ion: 95 Resp: 370556
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 177.8
 176 87.6 0.0 175.0

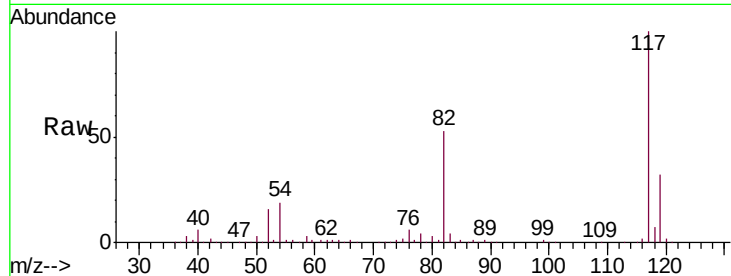




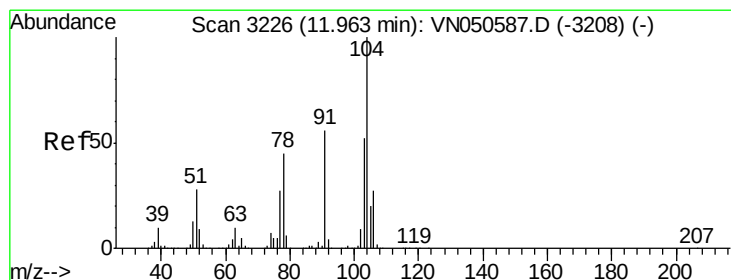
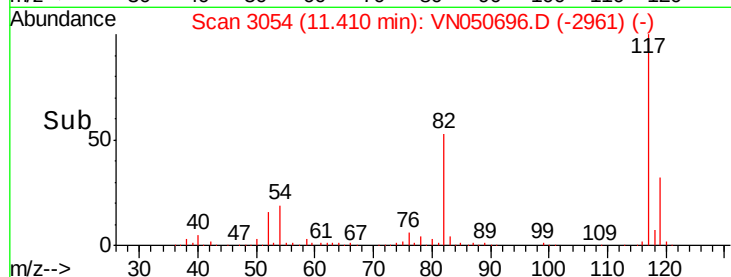
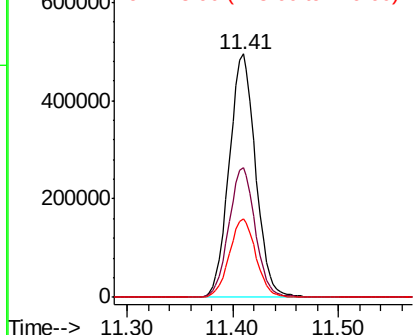
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050696.D
Acq: 16 Aug 2018 12:19

Instrument :
MSVOA_N
ClientSampleId :
PB112048ZHE#01

Tgt Ion:117 Resp: 855818
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 32.3 25.8 38.8

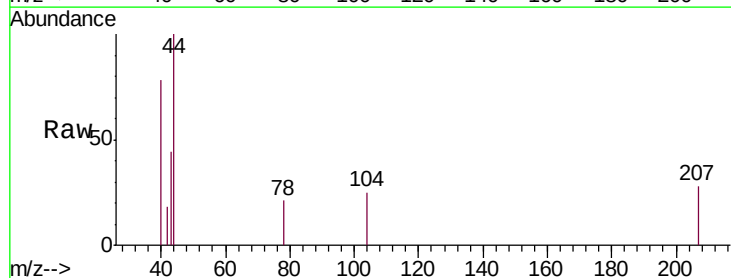


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

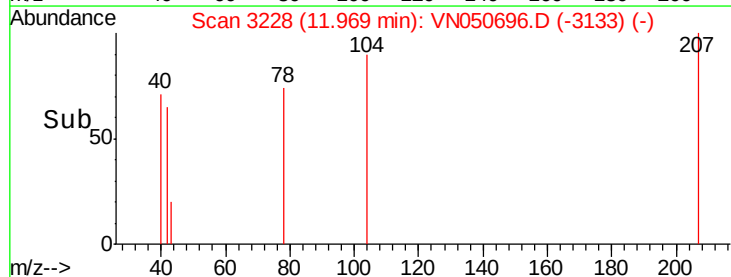
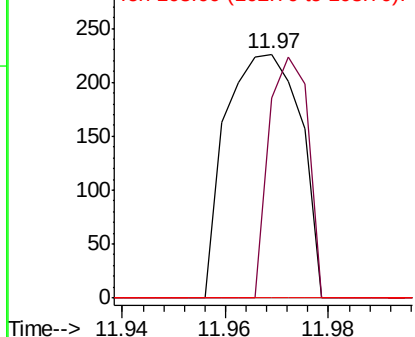


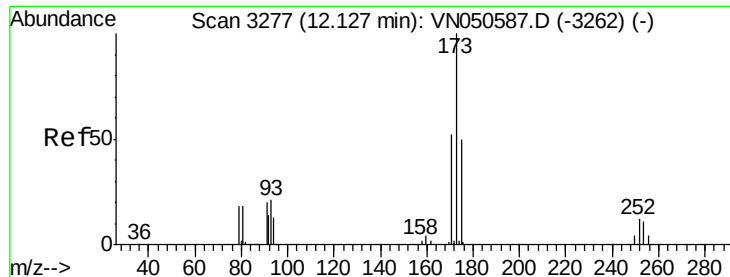
#70
Styrene
Concen: 0.951 ug/l
RT: 11.97 min Scan# 3228
Delta R.T. 0.01 min
Lab File: VN050696.D
Acq: 16 Aug 2018 12:19

Tgt Ion:104 Resp: 226
Ion Ratio Lower Upper
104 100
78 51.8 39.1 58.7
103 0.0 44.9 67.3#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.688 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN050696.D

Acq: 16 Aug 2018 12:19

Instrument :

MSVOA_N

ClientSampleId :

PB112048ZHE#01

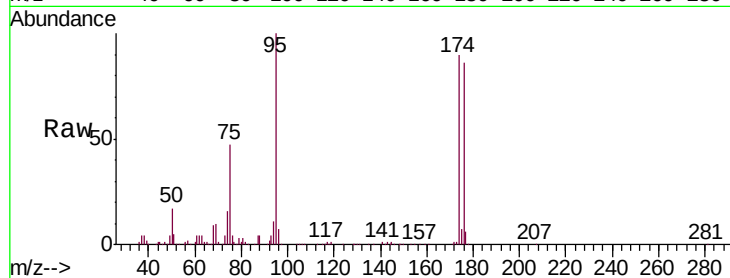
Tgt Ion:173 Resp: 3640

Ion Ratio Lower Upper

173 100

175 576.9 24.4 73.2#

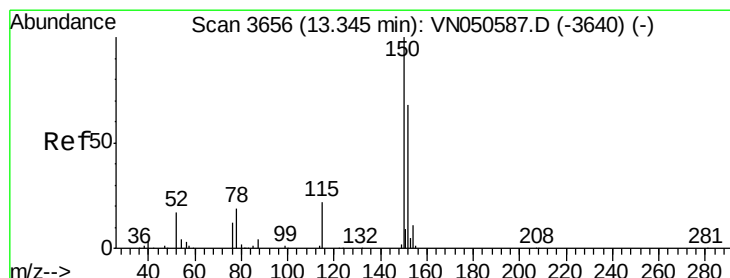
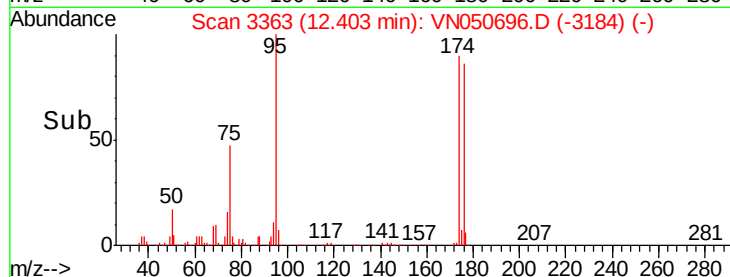
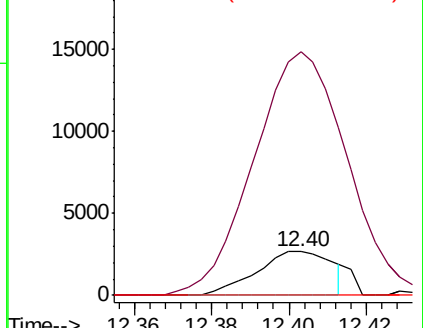
254 0.0 0.0 0.0



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: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050696.D

Acq: 16 Aug 2018 12:19

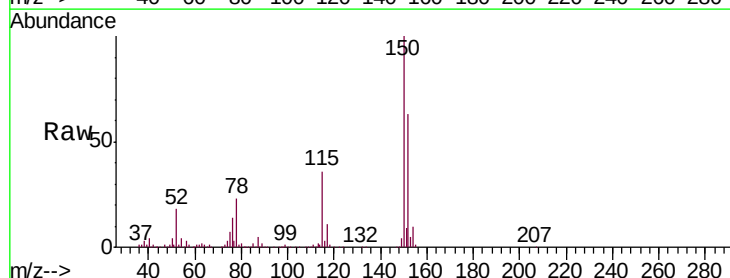
Tgt Ion:152 Resp: 293949

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

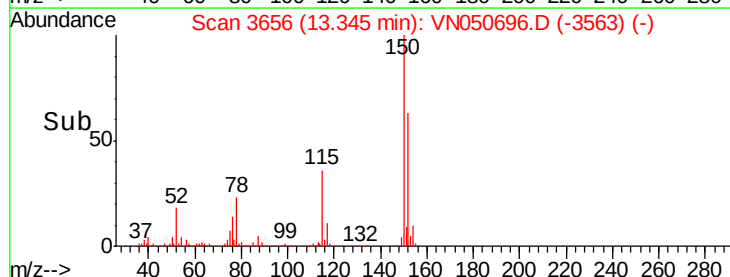
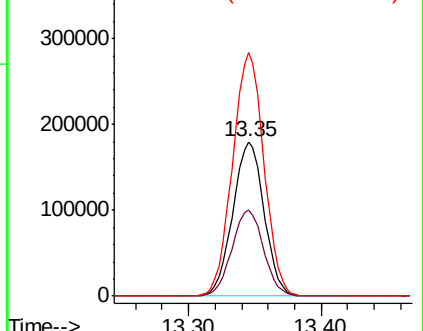
150 158.4 0.0 347.8

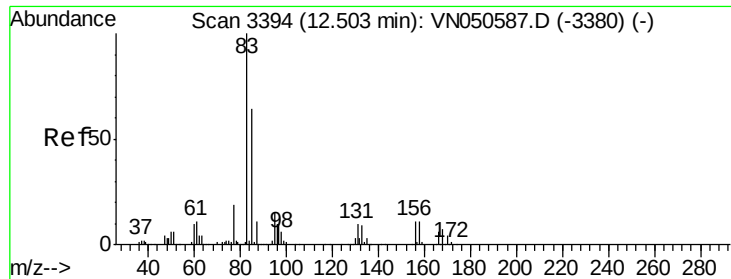


Abundance Ion 151.90 (151.60 to 152.60): V

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: 12.41 min Scan# 3364

Delta R.T. -0.10 min

Lab File: VN050696.D

Acq: 16 Aug 2018 12:19

Instrument :

MSVOA_N

ClientSampleId :

PB112048ZHE#01

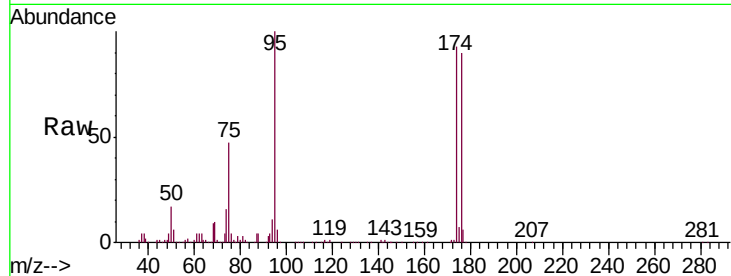
Tgt Ion: 83 Resp: 155

Ion Ratio Lower Upper

83 100

131 226.5 5.3 15.9#

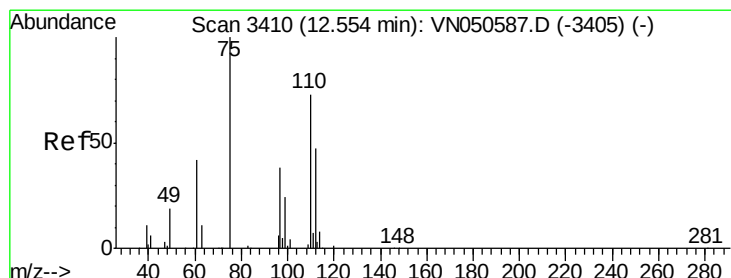
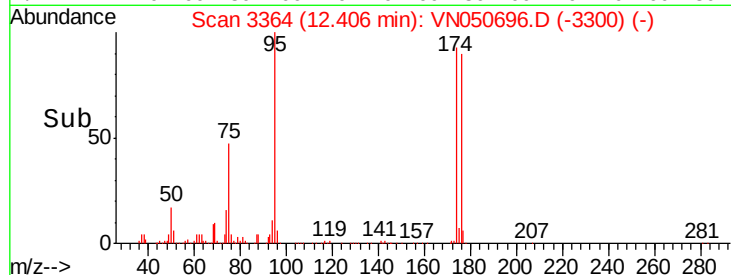
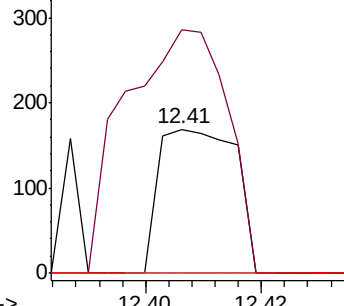
85 0.0 32.1 96.5#



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: 36.594 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050696.D

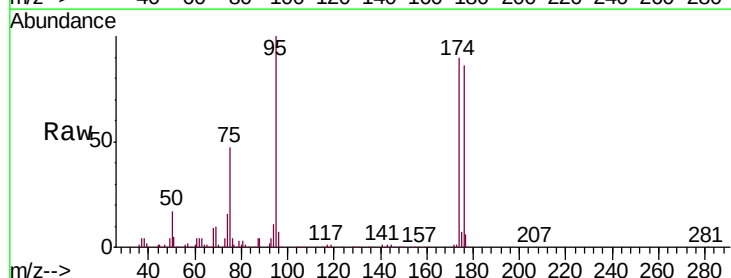
Acq: 16 Aug 2018 12:19

Tgt Ion: 75 Resp: 175103

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

120000

100000

80000

60000

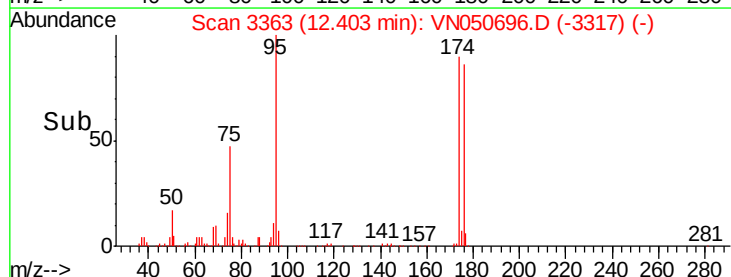
40000

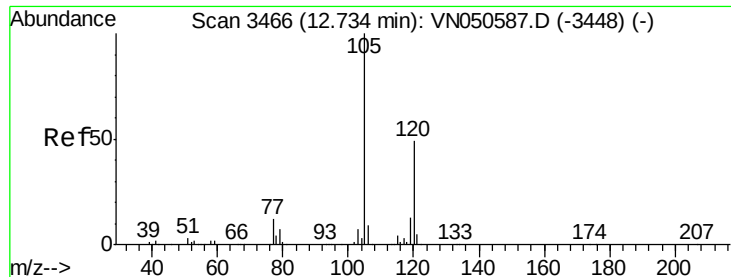
20000

0

12.35 12.40 12.45

Time-->

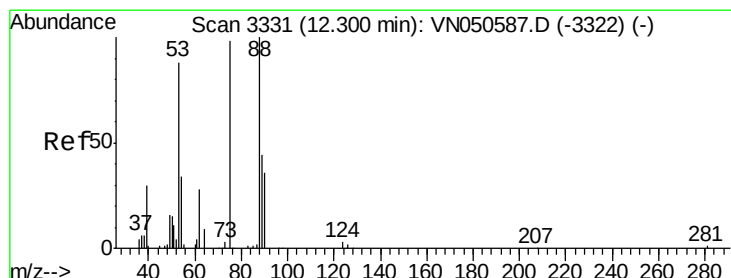
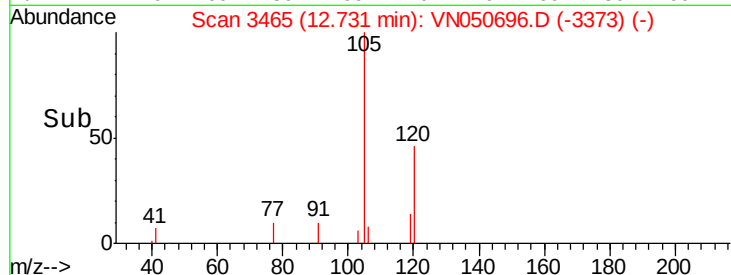
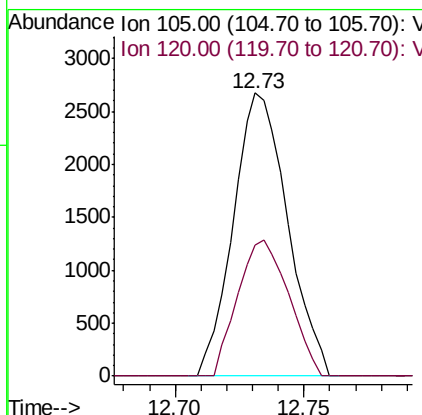
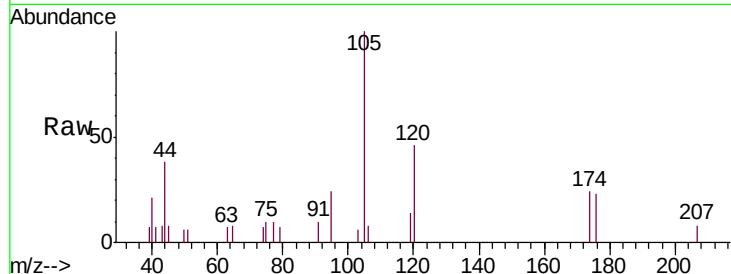




#80
 1,3,5-Trimethylbenzene
 Concen: 0.212 ug/l
 RT: 12.73 min Scan# 3465
 Delta R.T. -0.00 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

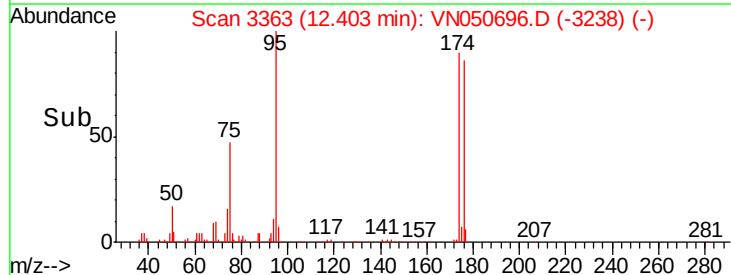
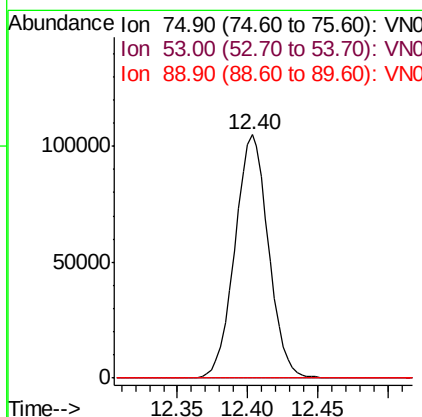
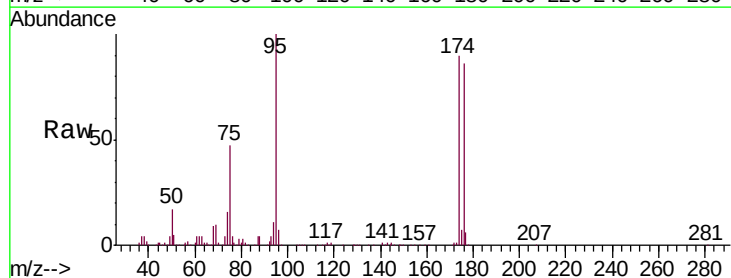
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112048ZHE#01

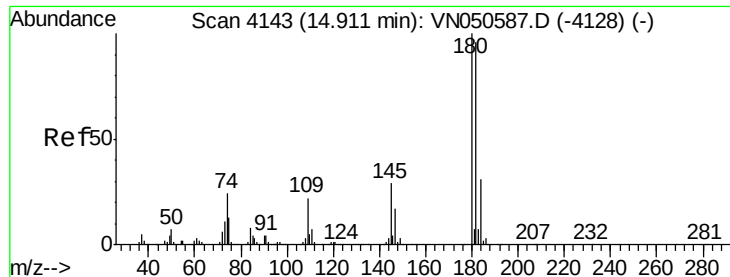
Tgt Ion: 105 Resp: 3904
 Ion Ratio Lower Upper
 105 100
 120 45.3 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.435 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

Tgt Ion: 75 Resp: 175103
 Ion Ratio Lower Upper
 75 100
 53 0.2 72.2 108.2#
 89 0.0 36.3 54.5#

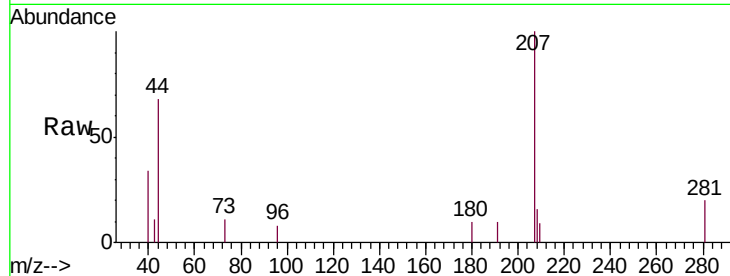




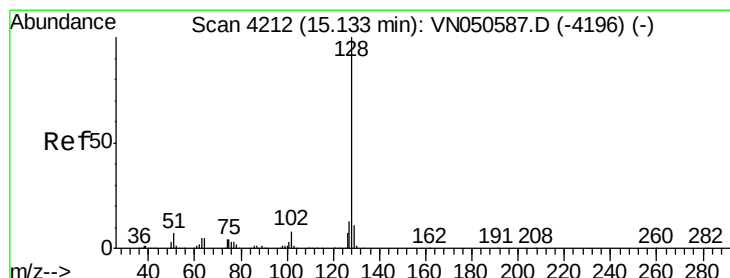
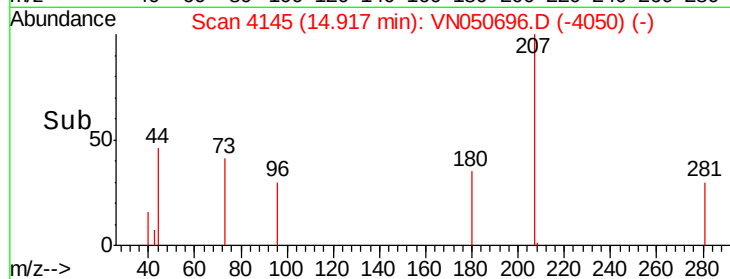
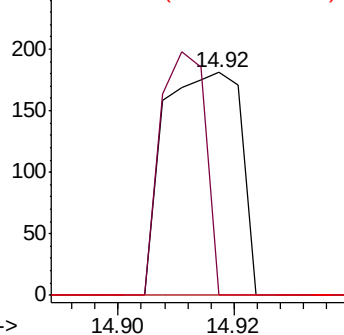
#93
 1,2,4-Trichlorobenzene
 Concen: 2.703 ug/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.01 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112048ZHE#01

Tgt Ion:180 Resp: 165
 Ion Ratio Lower Upper
 180 100
 182 63.6 47.9 143.7
 145 0.0 14.4 43.4#

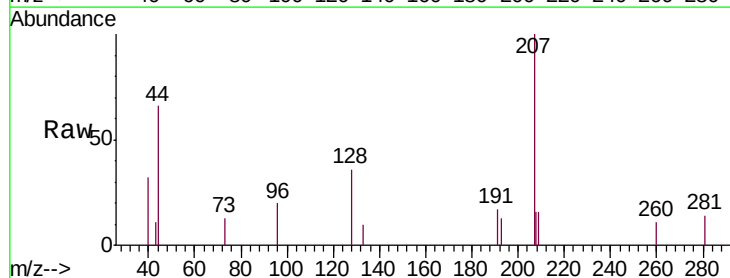


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

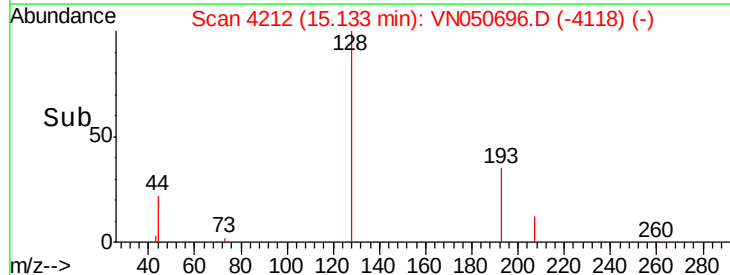
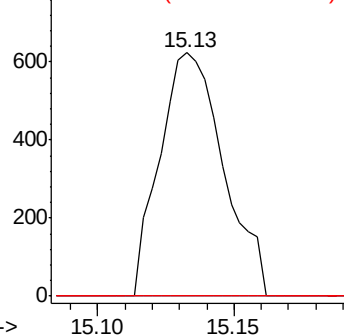


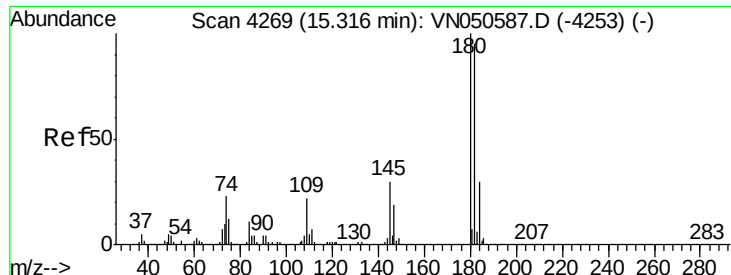
#95
 Naphthalene
 Concen: 3.944 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

Tgt Ion:128 Resp: 1014
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.5 12.7#



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

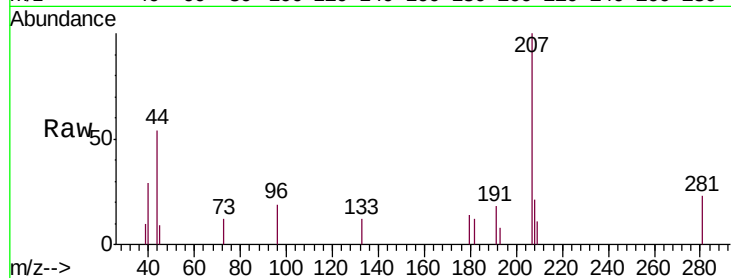




#96
 1,2,3-Trichlorobenzene
 Concen: 1.989 ug/l
 RT: 15.32 min Scan# 4271
 Delta R.T. 0.01 min
 Lab File: VN050696.D
 Acq: 16 Aug 2018 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112048ZHE#01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	61.8	47.3	141.8
145	0.0	14.6	44.0



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

