

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051761.D
 Acq On : 9 Oct 2018 20:36
 Operator : MD\SY
 Sample : PB113645ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#01

Quant Time: Oct 10 03:35:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

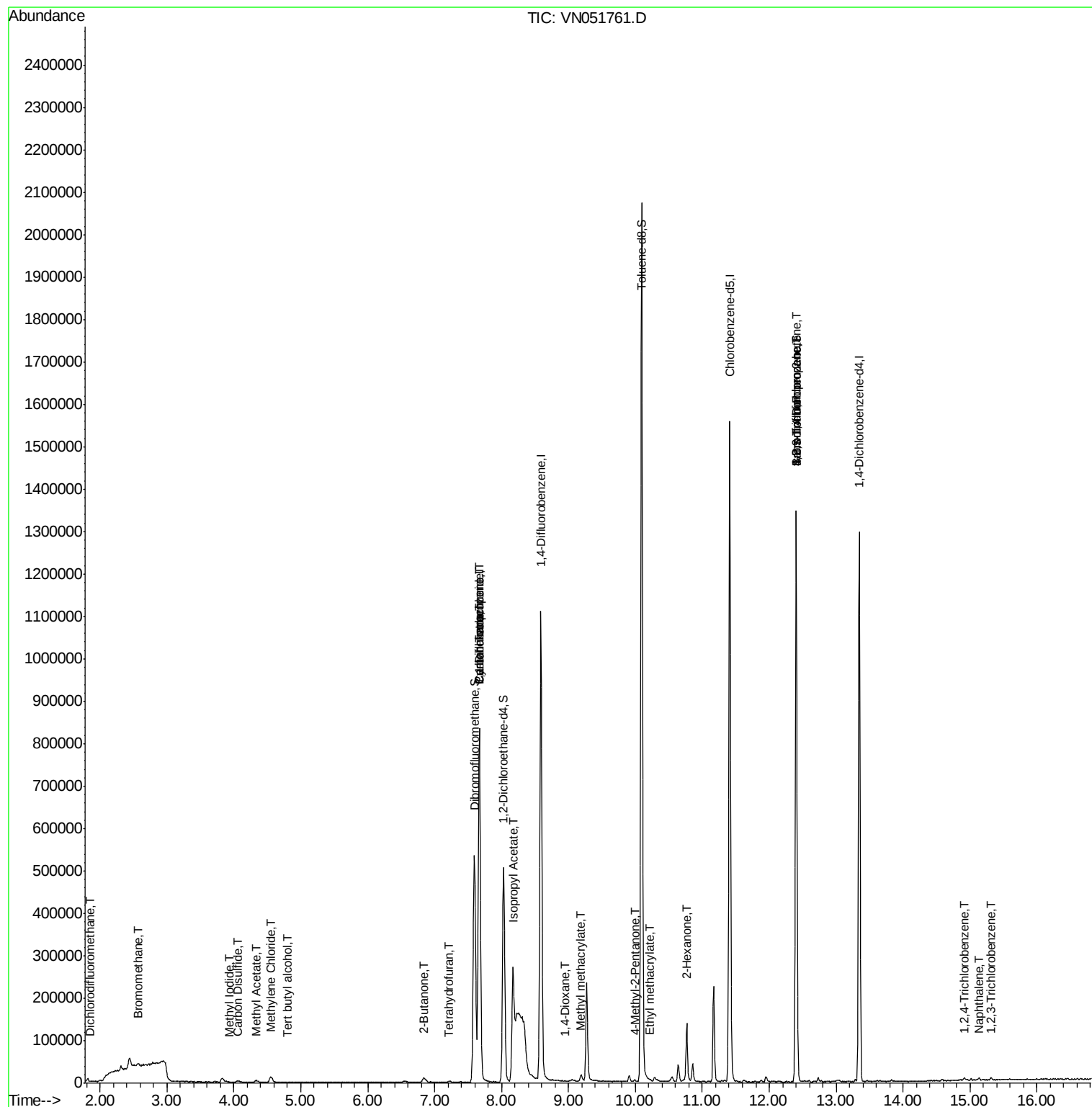
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	730384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1059337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	936159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	368317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	436419	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
35) Dibromofluoromethane	7.59	113	393681	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
50) Toluene-d8	10.09	98	1526757	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.40	95	429696	39.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.46%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	437	1.196	ug/l #	42
5) Bromomethane	2.57	94	3212	0.318	ug/l	91
7) Trichlorofluoromethane	3.01	101	59	Below Cal	#	11
10) Methyl Iodide	3.94	142	274	2.365	ug/l #	41
11) Tert butyl alcohol	4.79	59	473	0.721	ug/l #	73
13) Acrolein	3.61	56	101	Below Cal	#	15
16) Acetone	3.83	43	15749	Below Cal		99
17) Carbon Disulfide	4.06	76	4164	0.201	ug/l #	82
18) Methyl Acetate	4.34	43	6533	1.227	ug/l #	89
20) Methylene Chloride	4.55	84	9607	1.210	ug/l	97
25) 2-Butanone	6.85	43	4468	1.604	ug/l	97
29) Tetrahydrofuran	7.21	42	581	0.340	ug/l #	72
31) Cyclohexane	7.67	56	14360	1.096	ug/l #	30
36) 1,1-Dichloropropene	7.67	75	48199	4.353	ug/l #	49
38) Carbon Tetrachloride	7.67	117	65794	4.952	ug/l #	15
41) Methacrylonitrile	7.18	41	257	Below Cal	#	13
43) Isopropyl Acetate	8.17	43	353968	29.399	ug/l #	93
48) Methyl methacrylate	9.18	41	6994	1.271	ug/l #	19
49) 1,4-Dioxane	8.94	88	33	0.400	ug/l #	29
51) 4-Methyl-2-Pentanone	9.99	43	2152	0.353	ug/l	94
56) Ethyl methacrylate	10.23	69	2771	0.282	ug/l #	48
59) 2-Hexanone	10.77	43	20334	4.907	ug/l #	60
71) Bromoform	12.40	173	3642	0.527	ug/l #	1
74) N-ethyl acetate	12.08	43	655	Below Cal	#	56
75) 1,1,2,2-Tetrachloroethane	12.51	83	63	Below Cal	#	3
76) 1,2,3-Trichloropropane	12.40	75	230917	50.499	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	230917	115.246	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.91	180	1998	0.338	ug/l	88
95) Naphthalene	15.13	128	5511	0.431	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.31	180	1895	0.325	ug/l	92

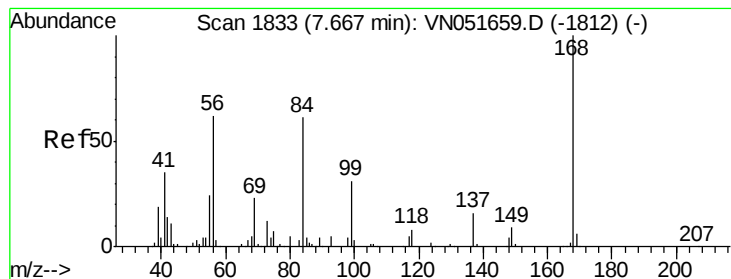
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 09 06:03:49 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051761.D

Acq: 9 Oct 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

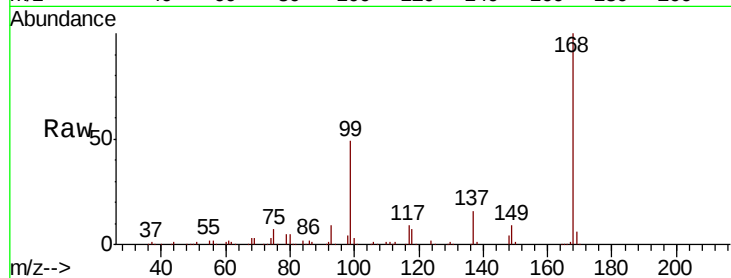
PB113645ZHE#01

Tot Ion:168 Resp: 730384

Ion Ratio Lower Upper

168 100

99 48.7 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

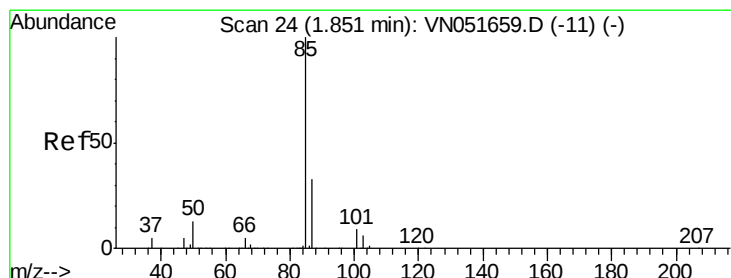
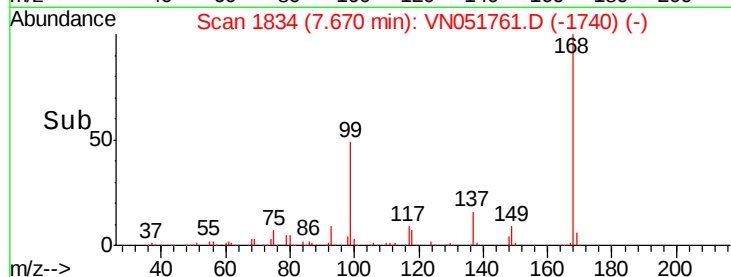
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.196 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN051761.D

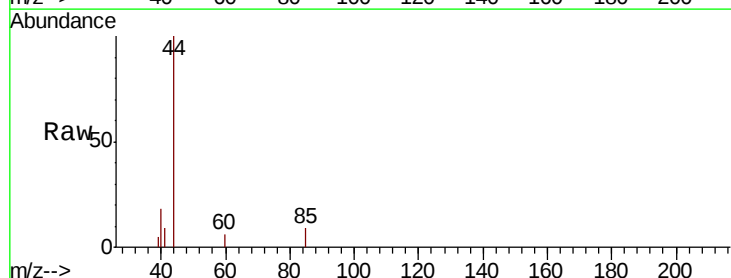
Acq: 9 Oct 2018 20:36

Tgt Ion: 85 Resp: 437

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.4#



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

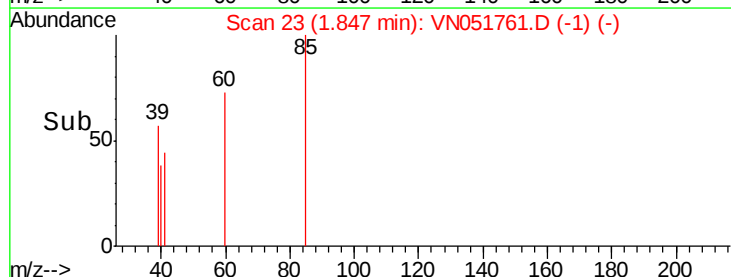
300

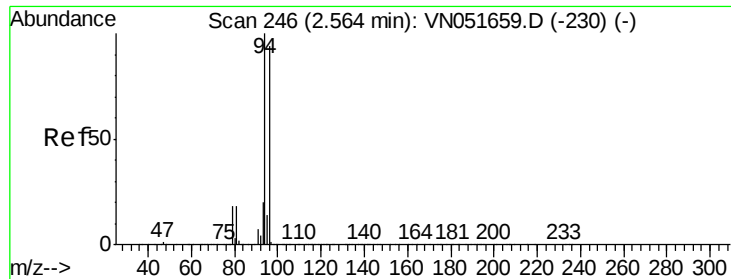
200

100

0

Time-->





#5

Bromomethane

Concen: 0.318 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051761.D

Acq: 9 Oct 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

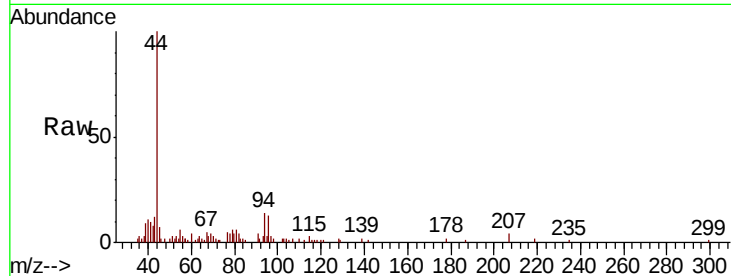
PB113645ZHE#01

Tot Ion: 94 Resp: 3212

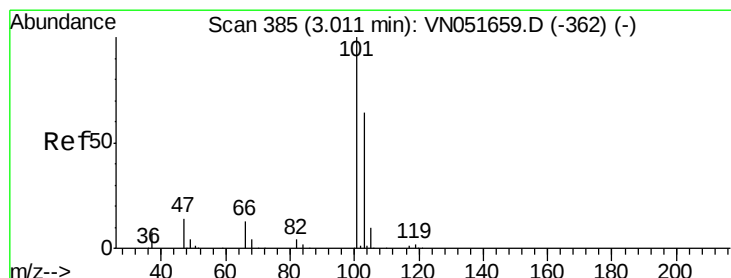
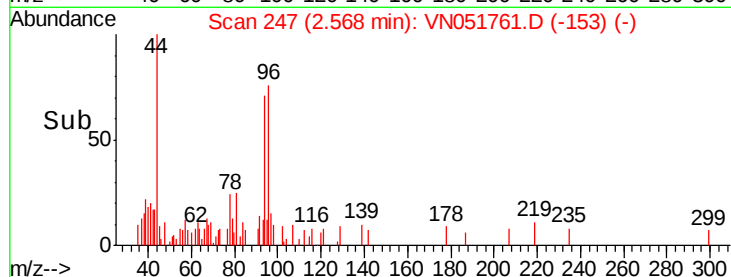
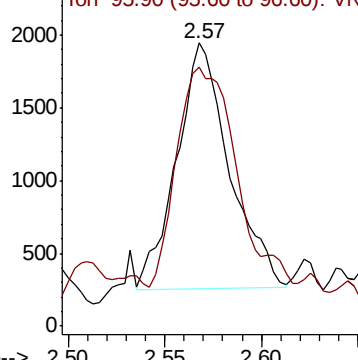
Ion Ratio Lower Upper

94 100

96 85.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN051761.D (-153) (-)



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 3.01 min Scan# 385

Delta R.T. 0.00 min

Lab File: VN051761.D

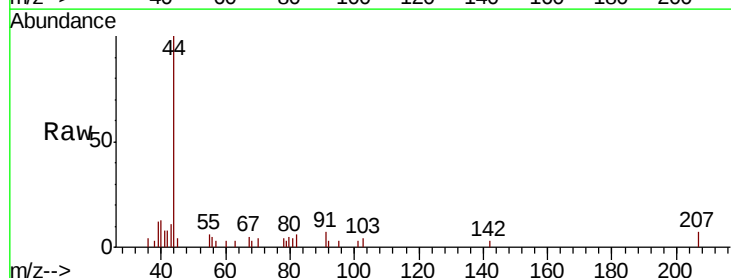
Acq: 9 Oct 2018 20:36

Tgt Ion: 101 Resp: 59

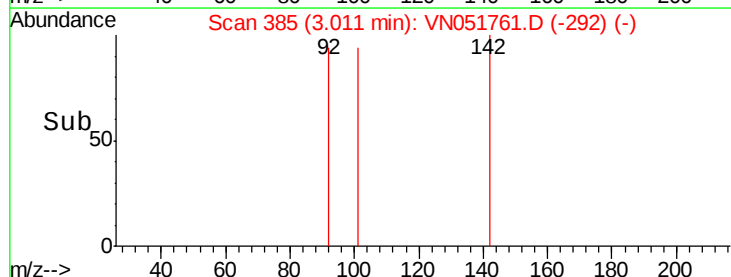
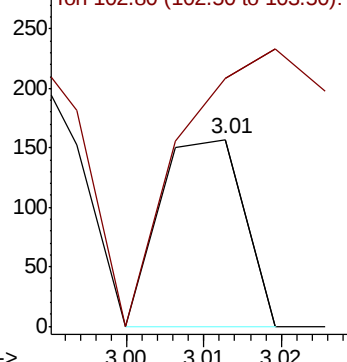
Ion Ratio Lower Upper

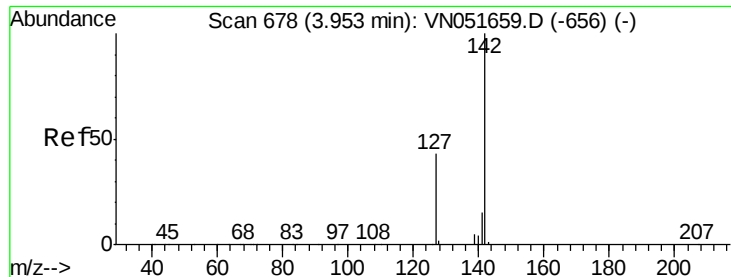
101 100

103 133.1 51.1 76.7#



Abundance Ion 100.90 (100.60 to 101.60): VN051761.D (-292) (-)

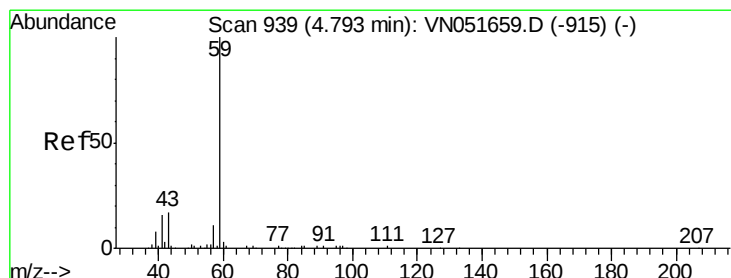
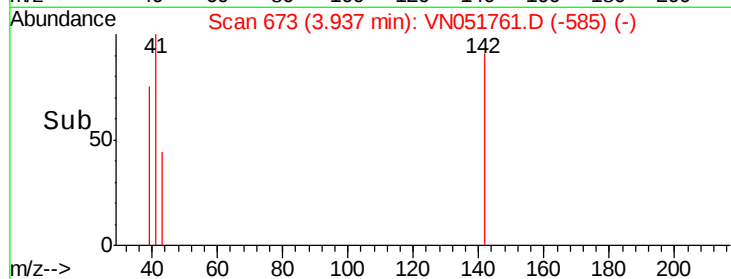
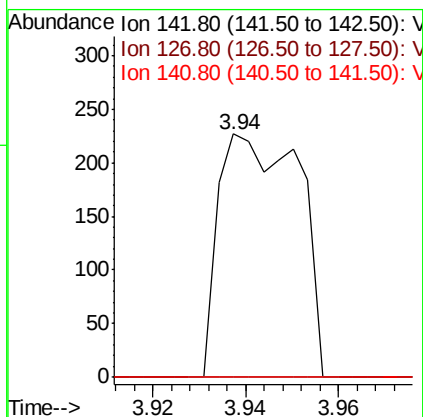
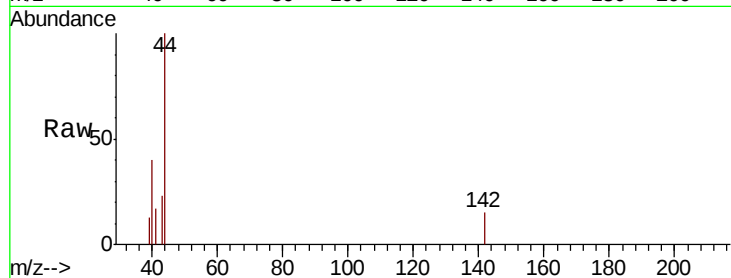




#10
Methyl Iodide
Concen: 2.365 ug/l
RT: 3.94 min Scan# 673
Delta R.T. -0.02 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

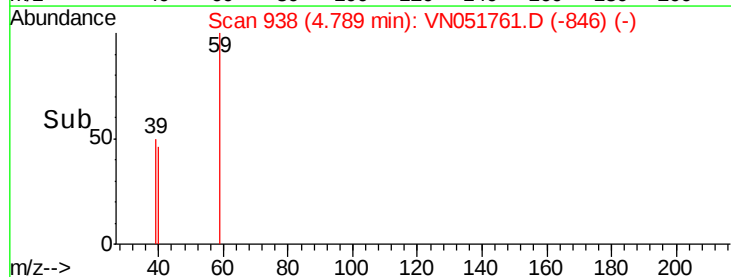
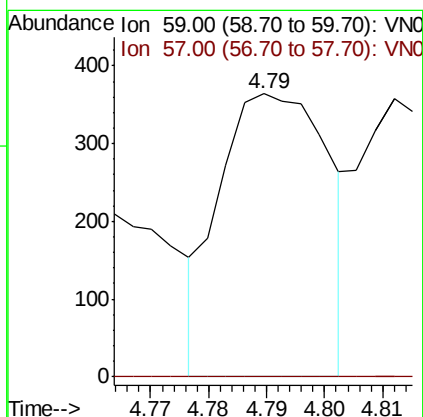
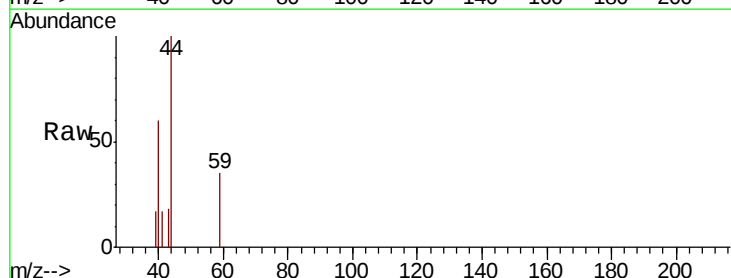
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#01

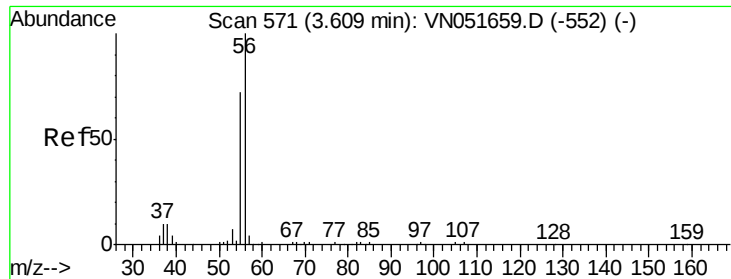
Tot Ion:142 Resp: 274
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.721 ug/l
RT: 4.79 min Scan# 938
Delta R.T. -0.00 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

Tgt Ion: 59 Resp: 473
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: Below Cal

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051761.D

Acq: 9 Oct 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

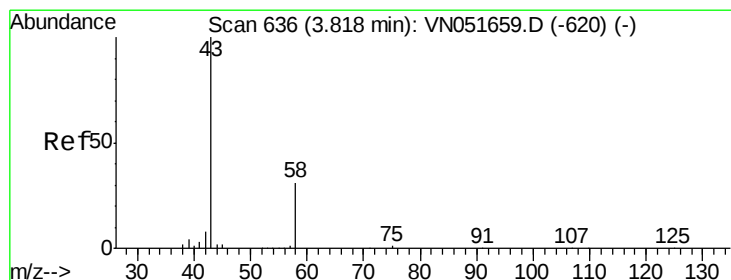
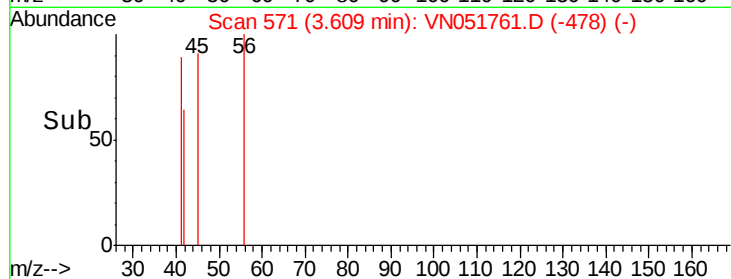
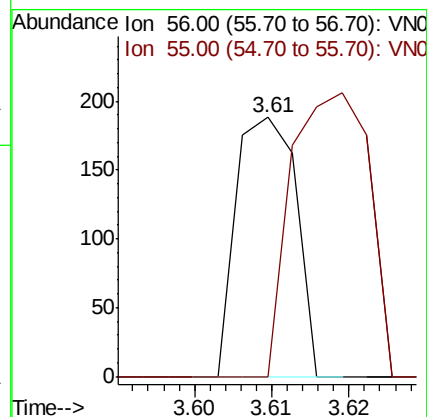
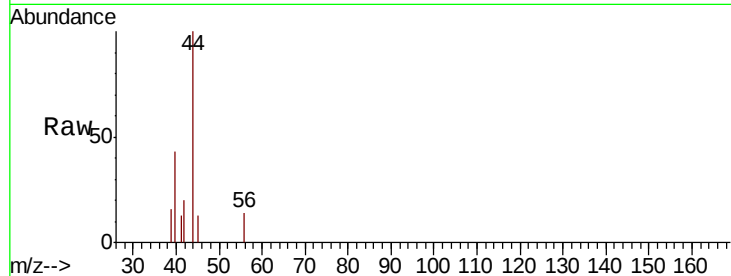
PB113645ZHE#01

Tot Ion: 56 Resp: 101

Ion Ratio Lower Upper

56 100

55 142.6 57.5 86.3#



#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051761.D

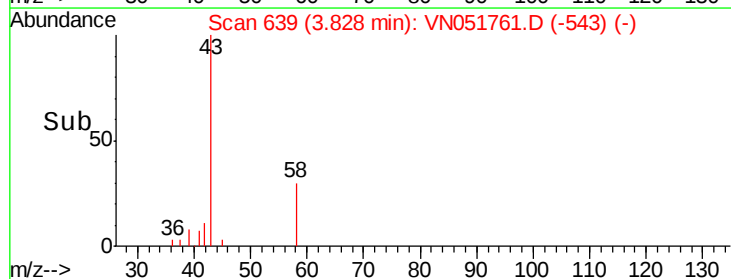
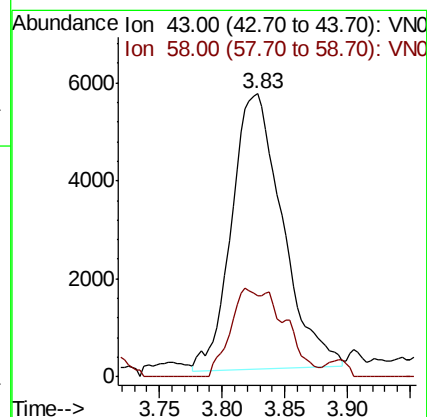
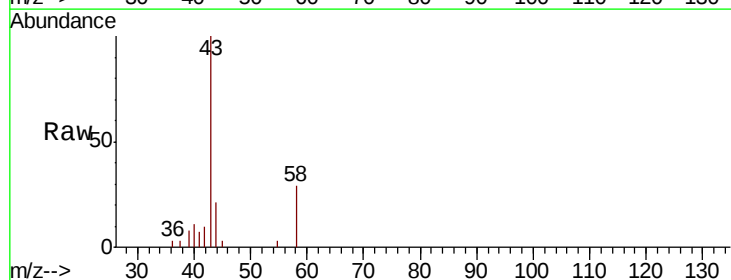
Acq: 9 Oct 2018 20:36

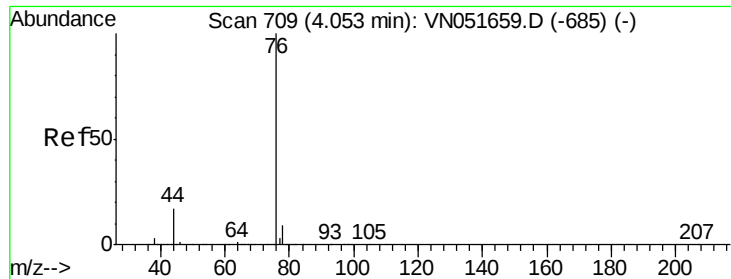
Tgt Ion: 43 Resp: 15749

Ion Ratio Lower Upper

43 100

58 30.1 24.3 36.5

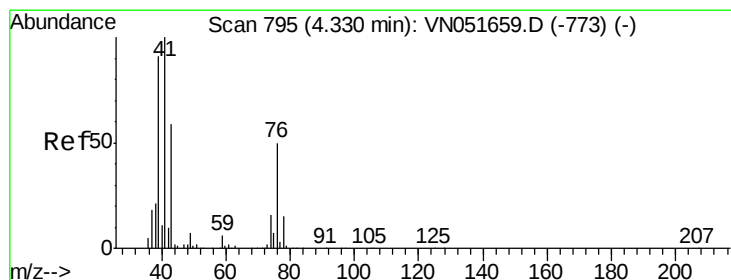
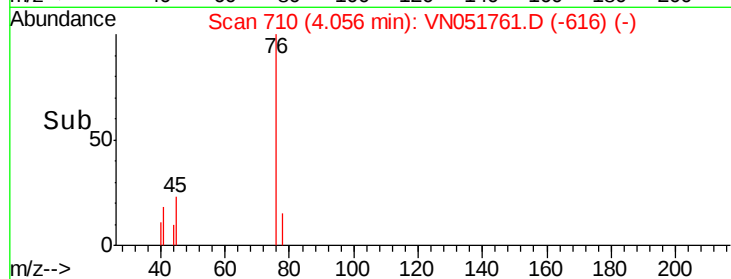
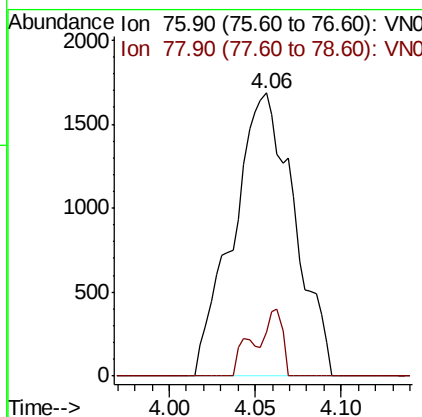
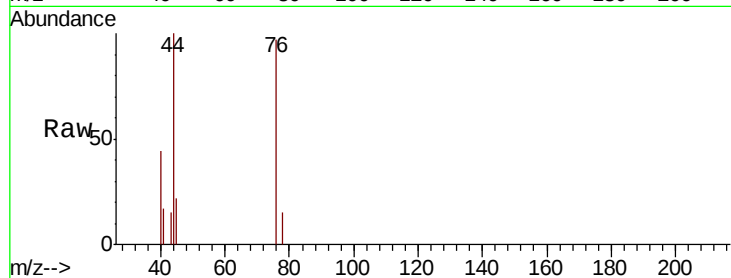




#17
Carbon Disulfide
Concen: 0.201 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

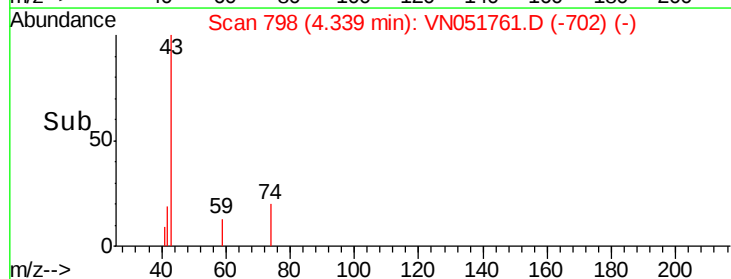
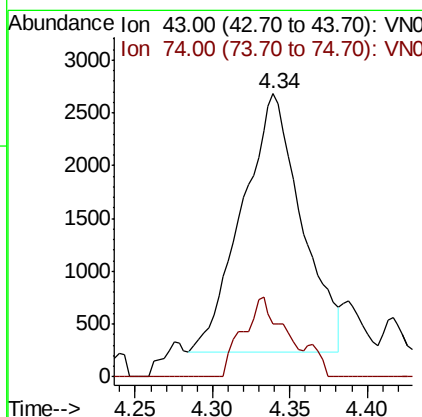
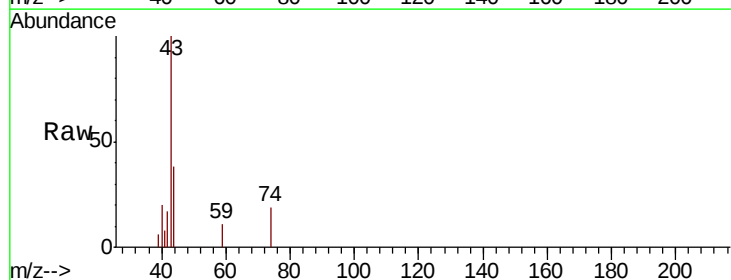
Instrument :
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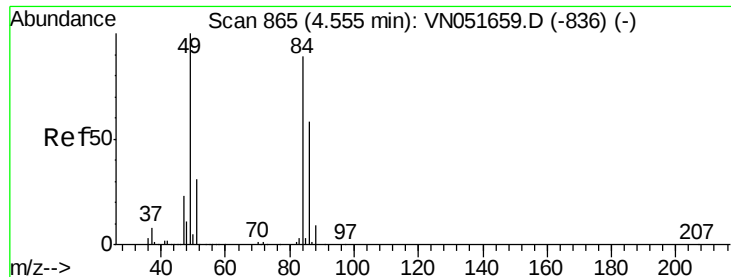
Tot Ion: 76 Resp: 4164
Ion Ratio Lower Upper
76 100
78 15.5 7.2 10.8#



#18
Methyl Acetate
Concen: 1.227 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

Tgt Ion: 43 Resp: 6533
Ion Ratio Lower Upper
43 100
74 21.4 21.5 32.3#

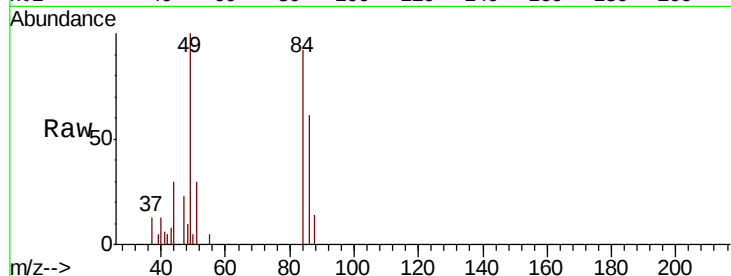




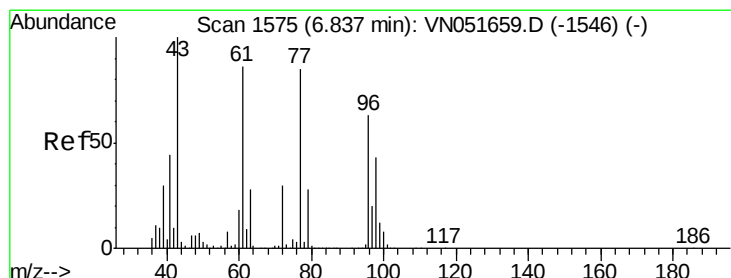
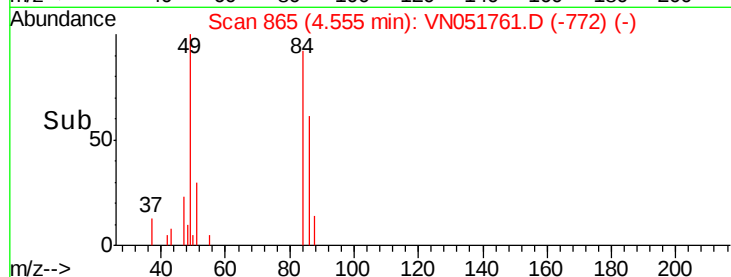
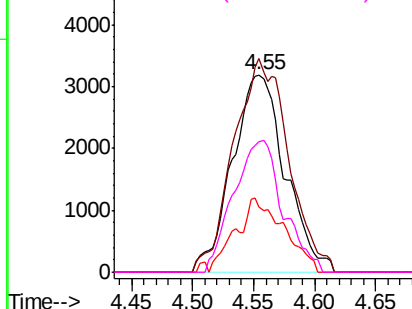
#20
Methvlene Chloride
Concen: 1.210 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#01

Tot Ion:	84	Resp:	9607
Ion	Ratio	Lower	Upper
84	100		
49	108.2	89.5	134.3
51	32.8	27.4	41.0
86	66.1	51.9	77.9

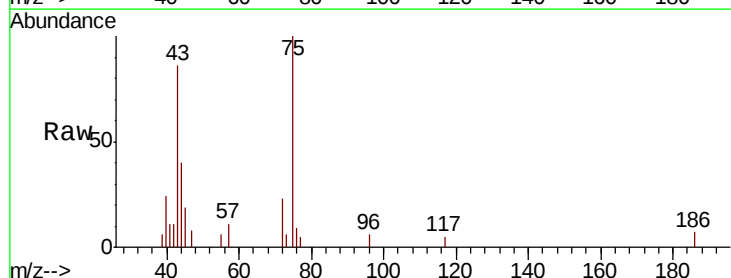


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

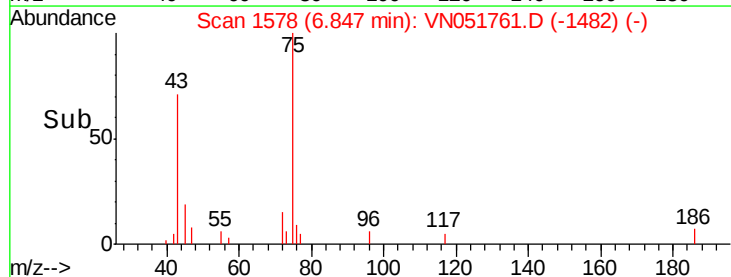
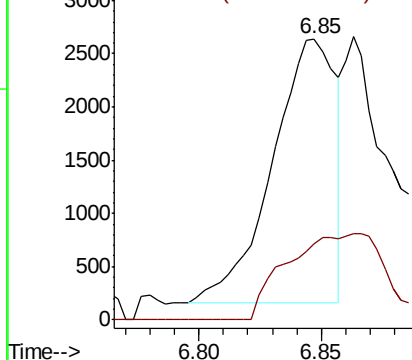


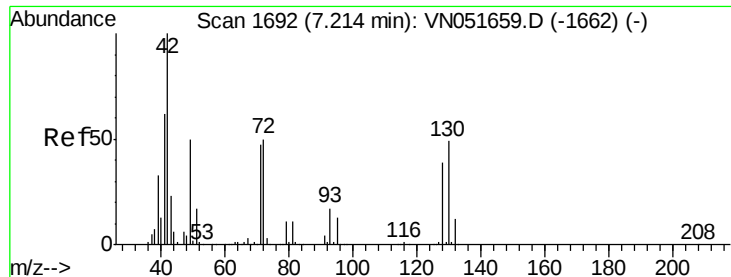
#25
2-Butanone
Concen: 1.604 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

Tgt Ion:	43	Resp:	4468
Ion	Ratio	Lower	Upper
43	100		
72	28.6	24.2	36.2



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

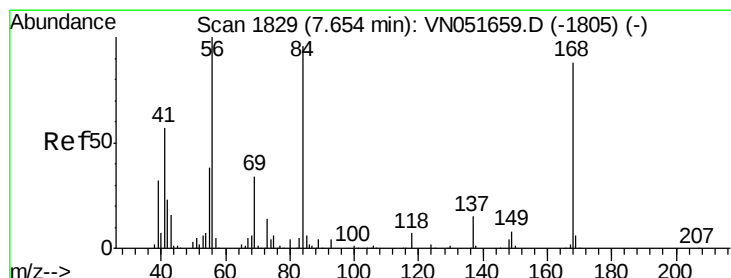
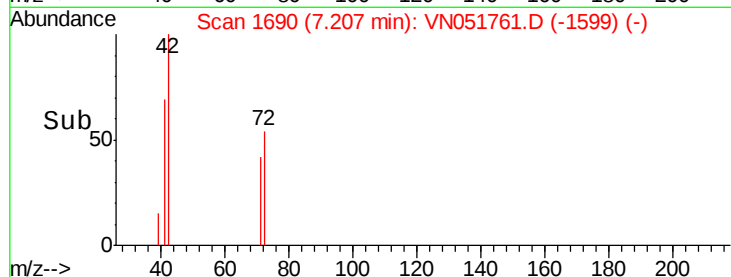
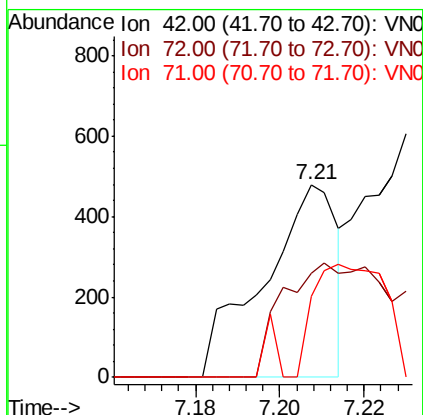
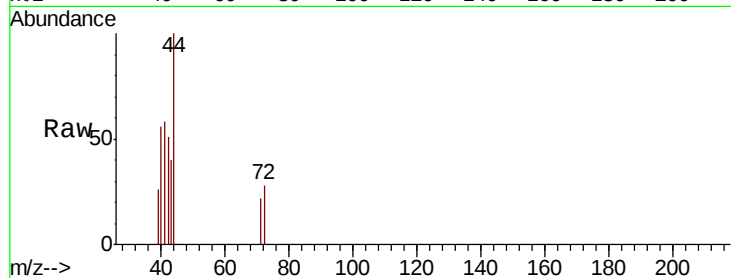




#29
Tetrahydrofuran
Concen: 0.340 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

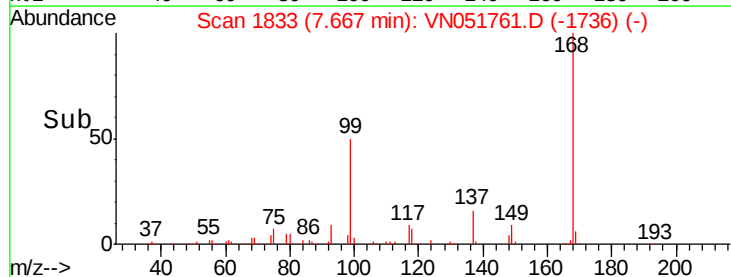
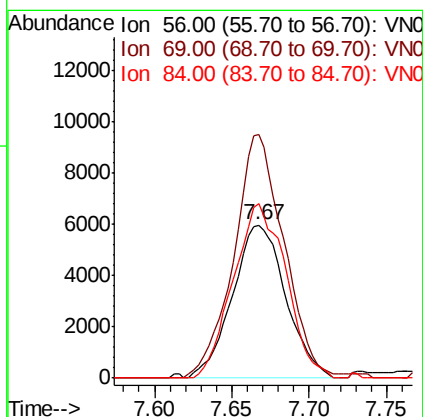
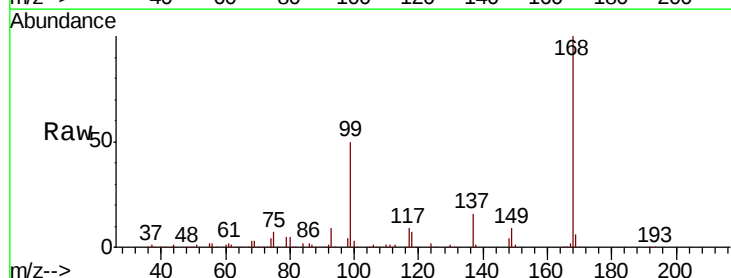
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#01

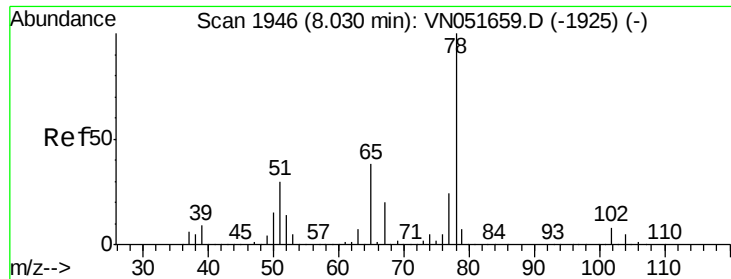
Tot Ion: 42 Resp: 581
Ion Ratio Lower Upper
42 100
72 78.5 40.1 60.1#
71 57.7 38.0 57.0#



#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

Tgt Ion: 56 Resp: 14360
Ion Ratio Lower Upper
56 100
69 156.2 27.5 41.3#
84 114.0 76.7 115.1

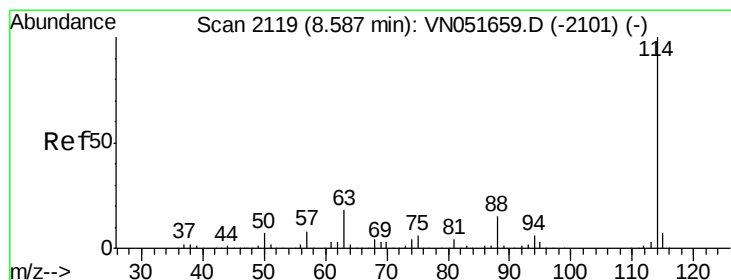
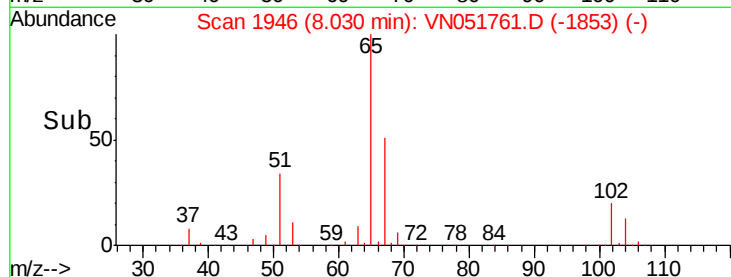
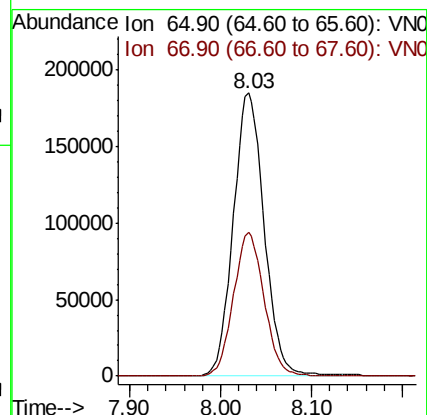
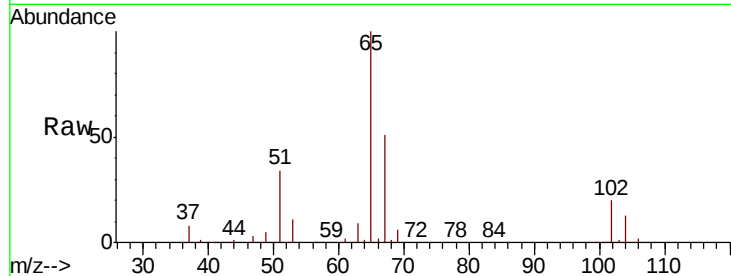




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051761.D
 Acq: 9 Oct 2018 20:36

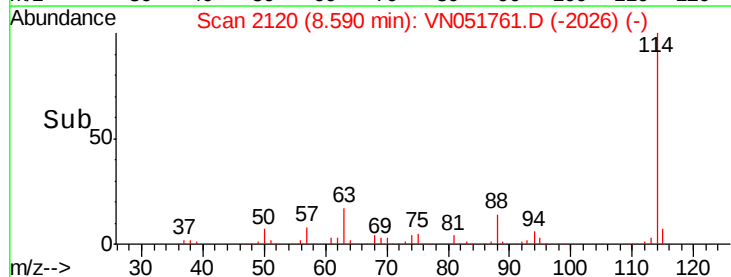
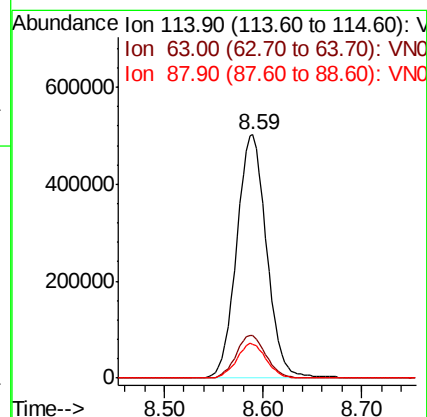
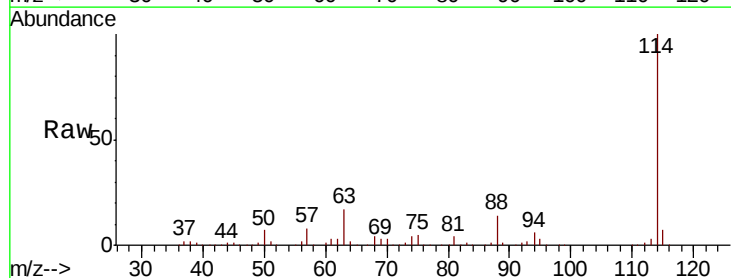
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#01

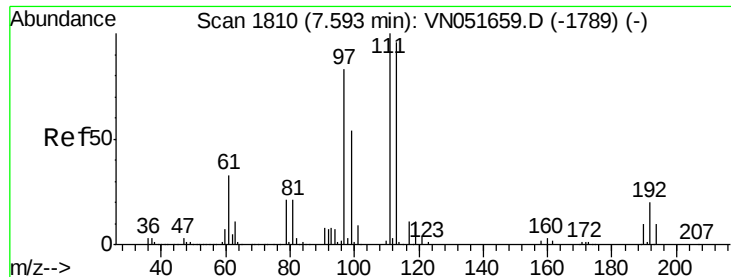
Tot Ion: 65 Resp: 436419
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051761.D
 Acq: 9 Oct 2018 20:36

Tgt Ion: 114 Resp: 1059337
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.2
 88 14.0 0.0 30.2

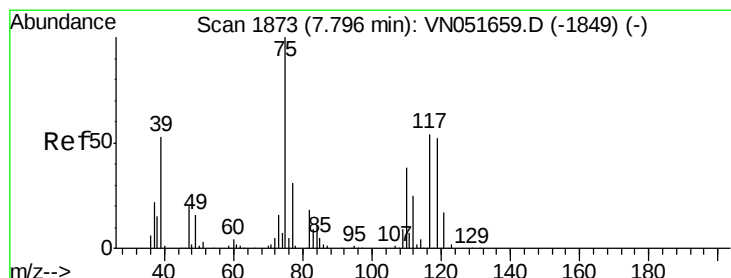
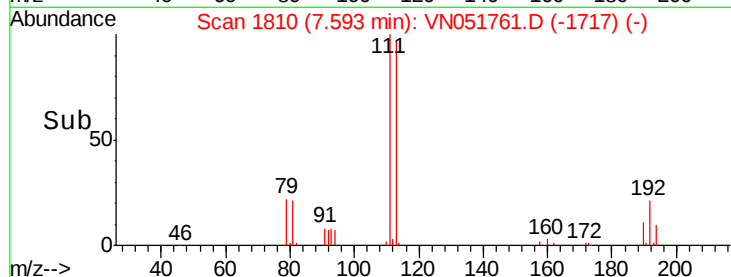
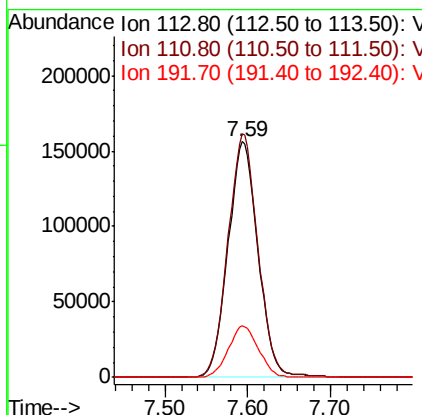
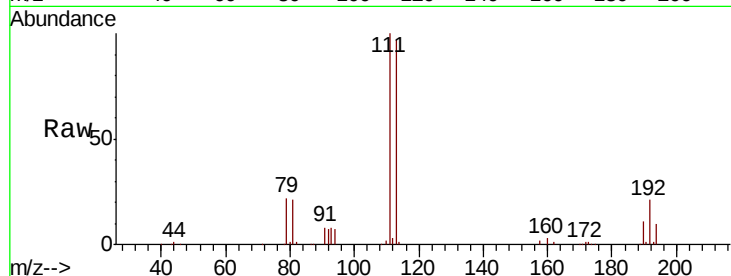




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051761.D
 Acq: 9 Oct 2018 20:36

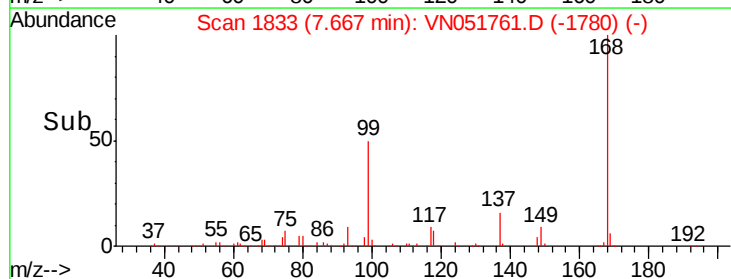
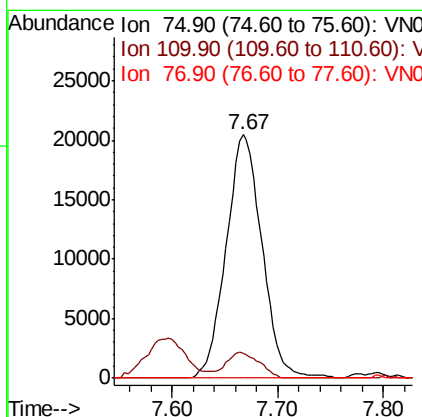
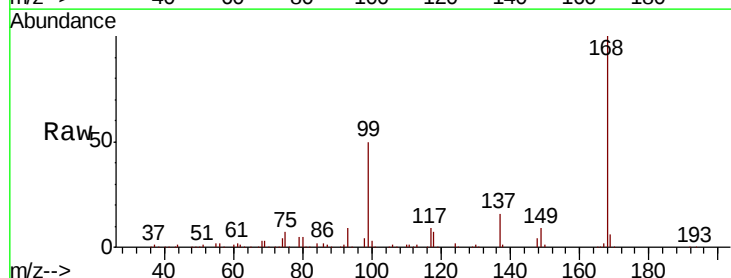
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#01

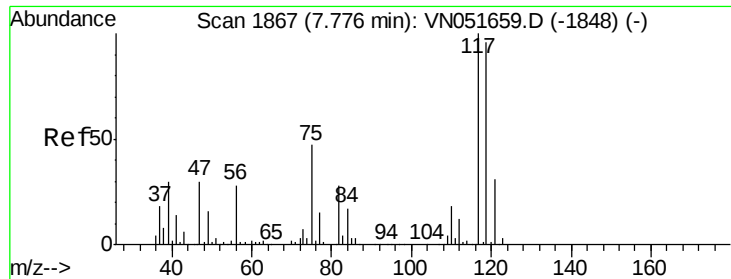
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.8
192	21.9	16.5	24.7



#36
 1,1-Dichloropropene
 Concen: 4.353 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051761.D
 Acq: 9 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.3	57.8#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 4.952 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.11 min

Lab File: VN051761.D

Acq: 9 Oct 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#01

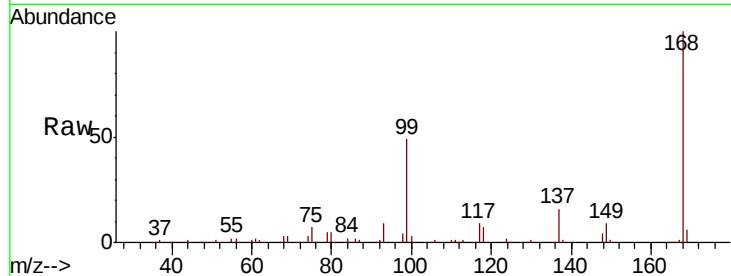
Tot Ion:117 Resp: 65794

Ion Ratio Lower Upper

117 100

119 4.1 77.0 115.6#

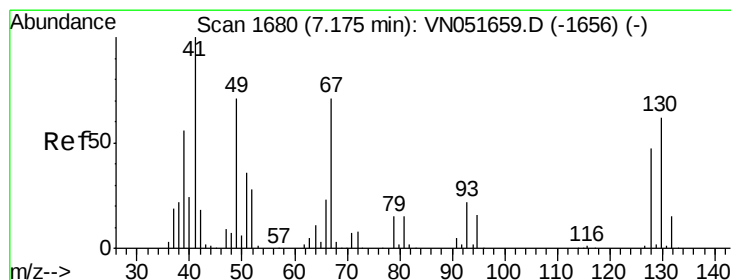
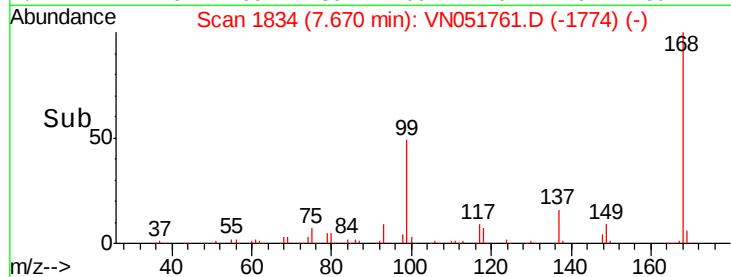
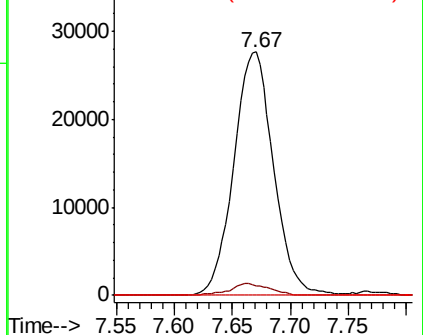
121 0.0 25.0 37.6#



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



#41

Methacrylonitrile

Concen: Below Cal

RT: 7.18 min Scan# 1682

Delta R.T. 0.01 min

Lab File: VN051761.D

Acq: 9 Oct 2018 20:36

Tgt Ion: 41 Resp: 257

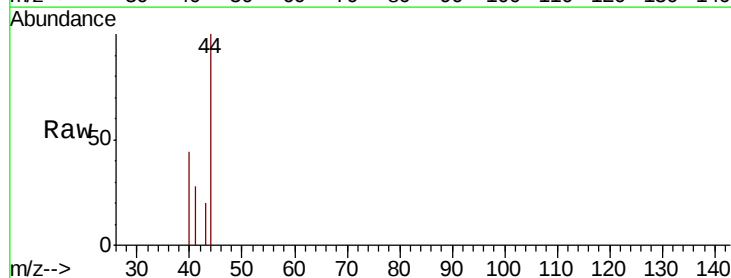
Ion Ratio Lower Upper

41 100

39 0.0 53.9 80.9#

67 0.0 78.1 117.1#

52 0.0 32.3 48.5#

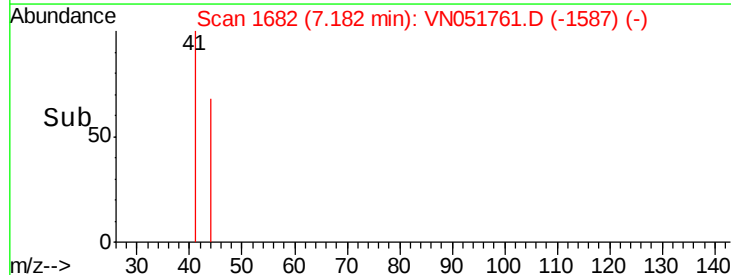
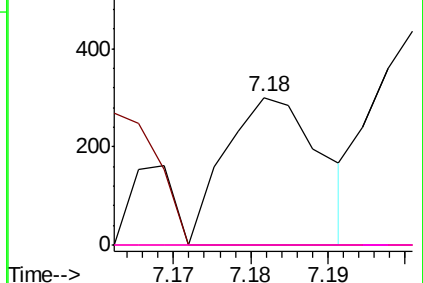


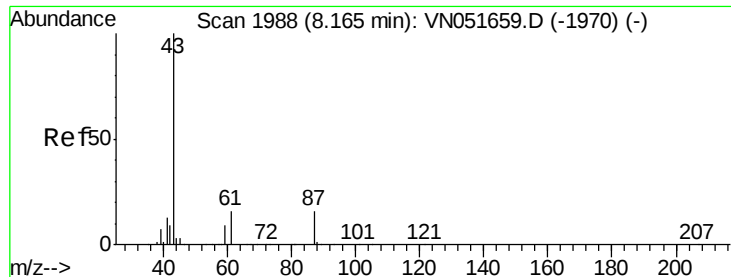
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 29.399 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051761.D

Acq: 9 Oct 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#01

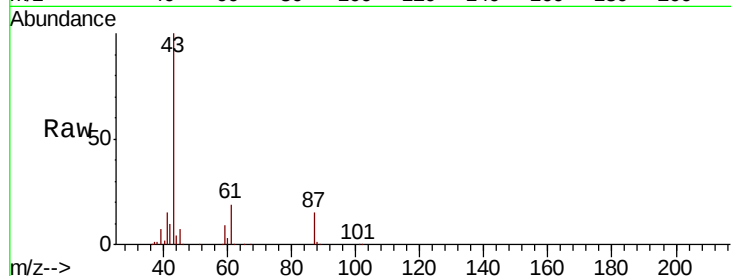
Tot Ion: 43 Resp: 353968

Ion Ratio Lower Upper

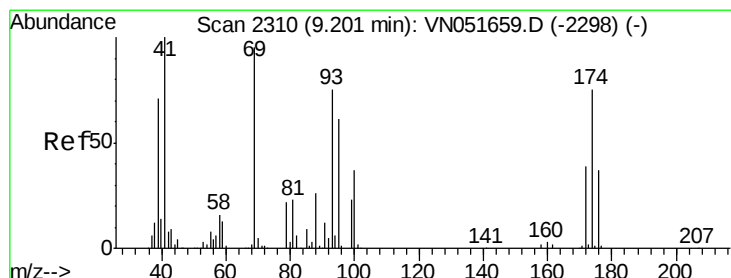
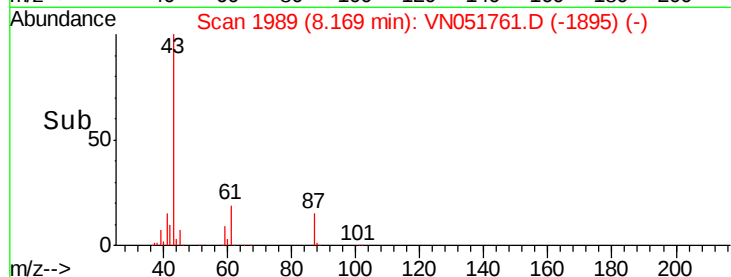
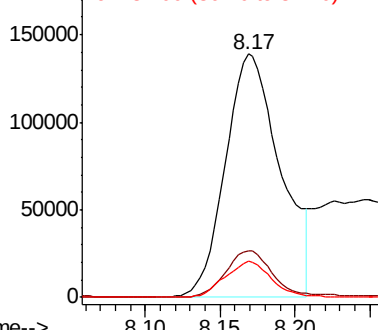
43 100

61 17.0 15.8 23.6

87 12.6 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 1.271 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN051761.D

Acq: 9 Oct 2018 20:36

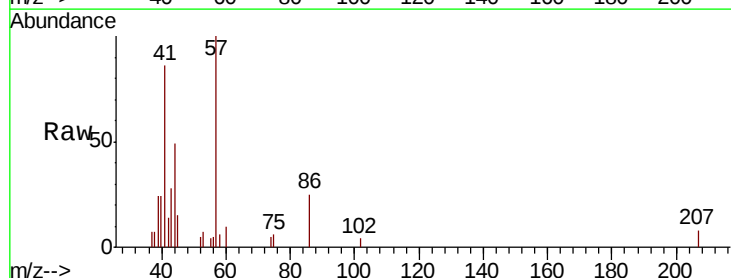
Tgt Ion: 41 Resp: 6994

Ion Ratio Lower Upper

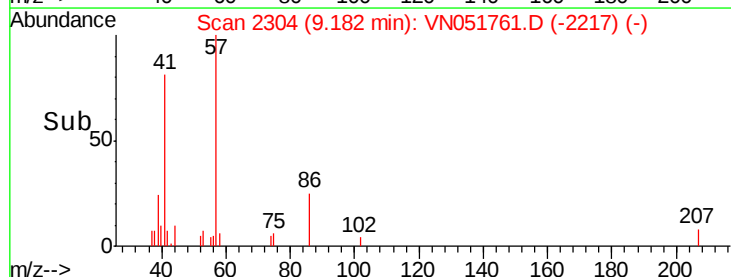
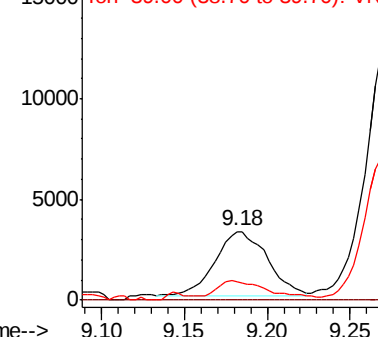
41 100

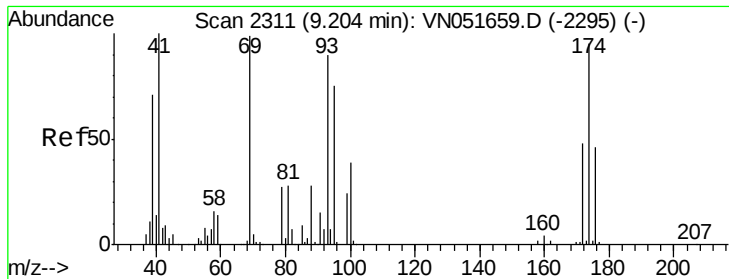
69 0.0 78.6 118.0#

39 25.6 59.2 88.8#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

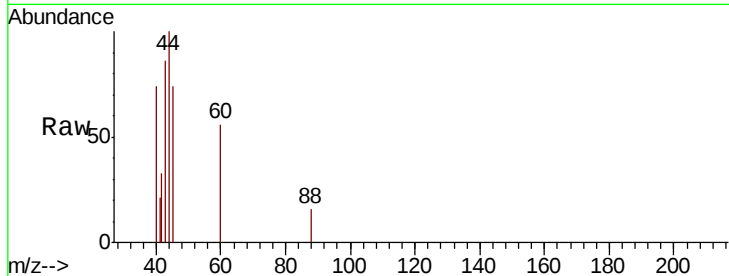




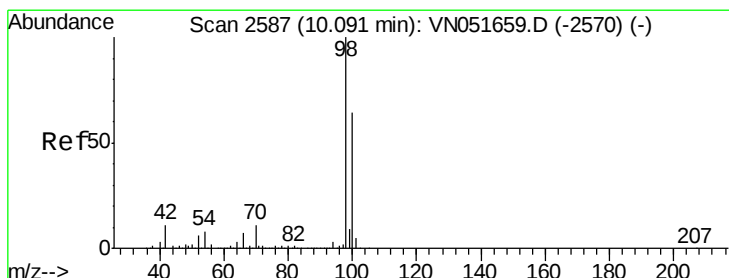
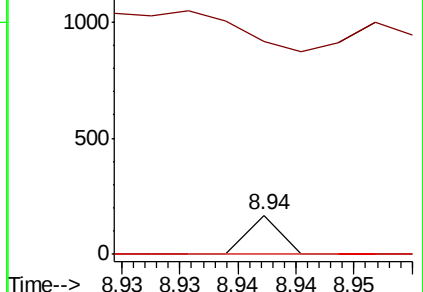
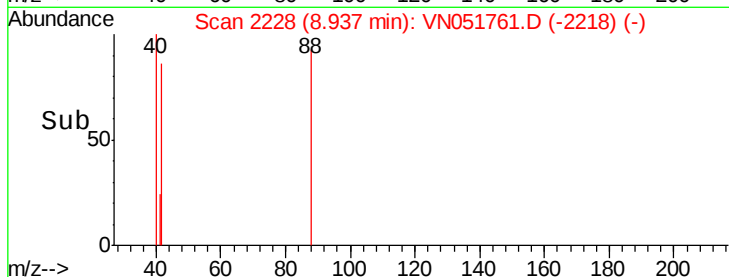
#49
1,4-Dioxane
Concen: 0.400 ug/l
RT: 8.94 min Scan# 2228
Delta R.T. -0.27 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#01

Tot Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 0.0 24.5 36.7#
58 0.0 47.6 71.4#

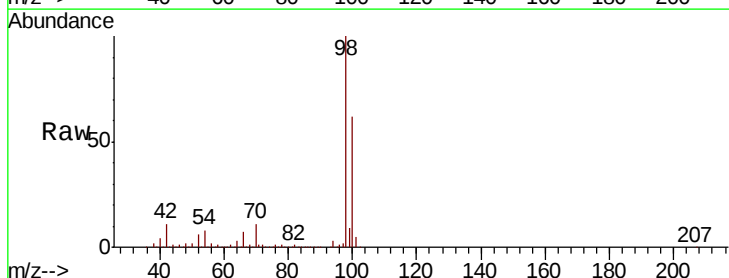


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

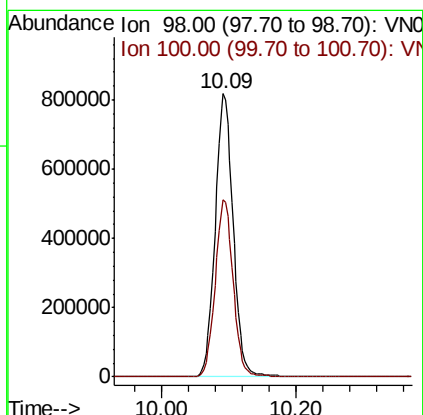
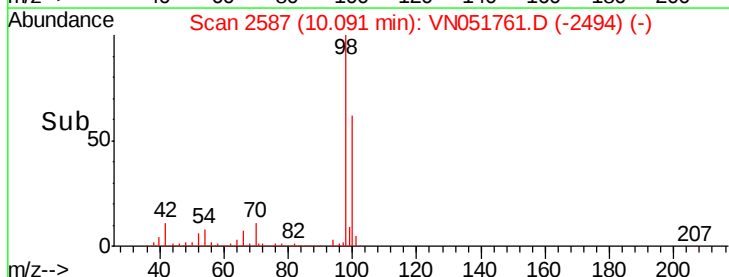


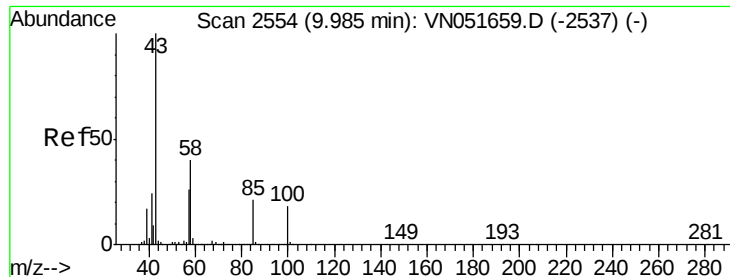
#50
Toluene-d8
Concen: 0.400 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

Tgt Ion: 98 Resp: 1526757
Ion Ratio Lower Upper
98 100
100 62.6 51.5 77.3



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

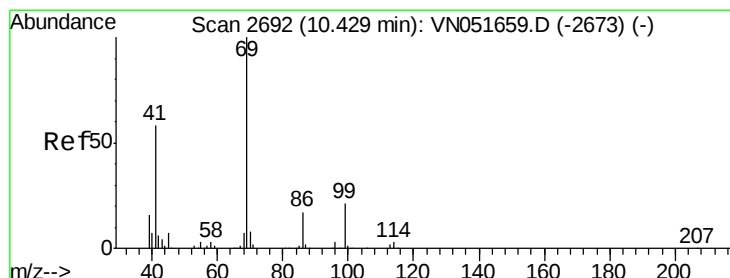
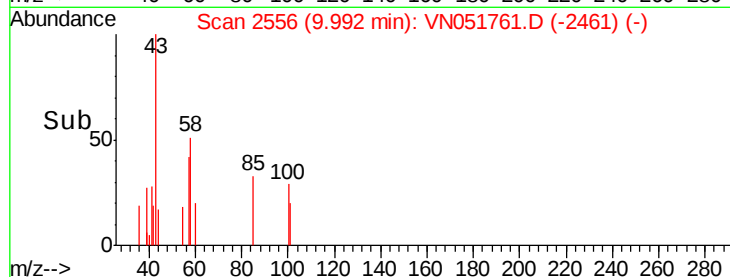
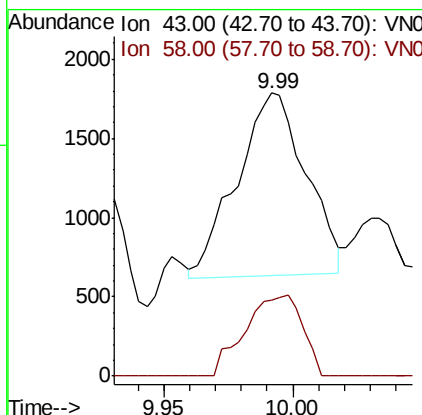
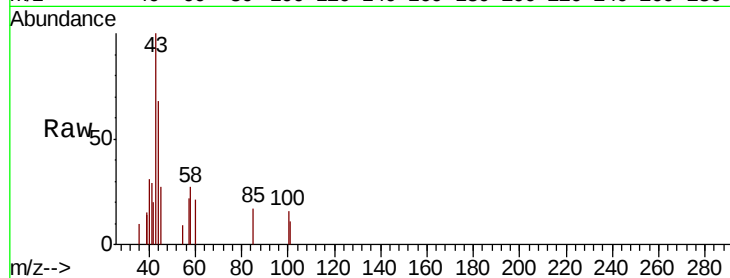




#51
4-Methyl-2-Pentanone
Concen: 0.353 ug/l
RT: 9.99 min Scan# 2556
Delta R.T. 0.01 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

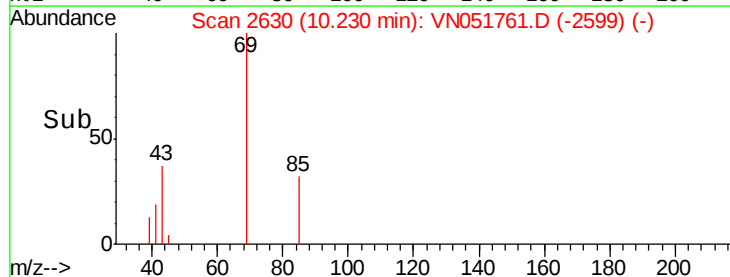
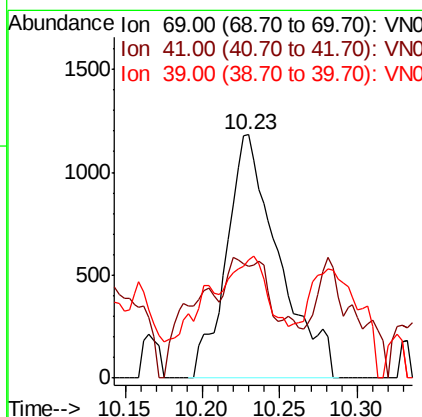
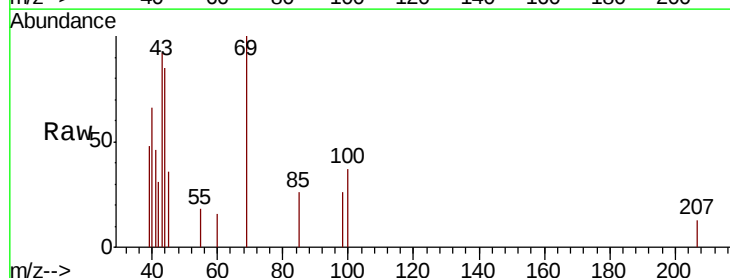
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#01

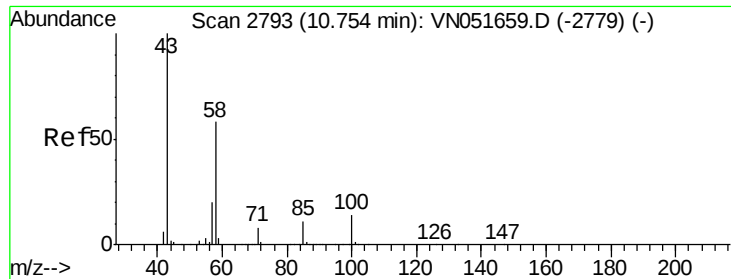
Tot Ion: 43 Resp: 2152
Ion Ratio Lower Upper
43 100
58 36.7 32.2 48.2



#56
Ethyl methacrylate
Concen: 0.282 ug/l
RT: 10.23 min Scan# 2630
Delta R.T. -0.20 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

Tgt Ion: 69 Resp: 2771
Ion Ratio Lower Upper
69 100
41 6.9 46.4 69.6#
39 23.0 32.4 48.6#

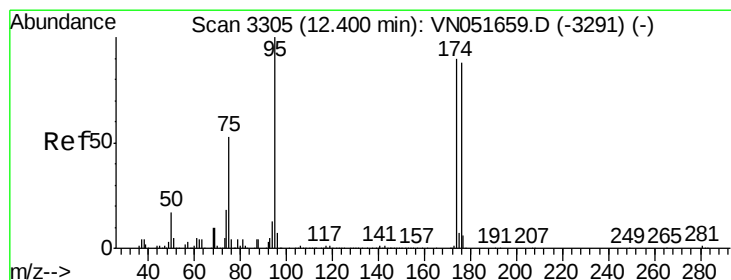
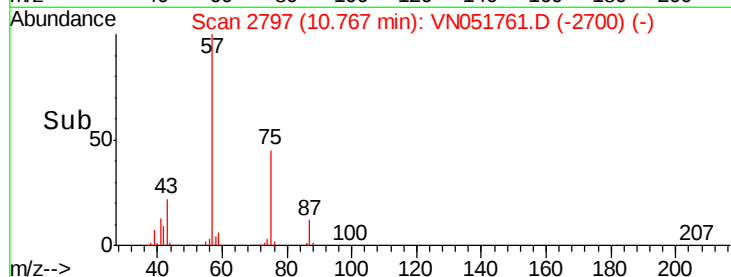
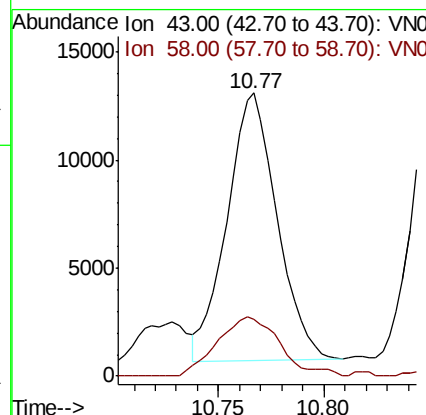
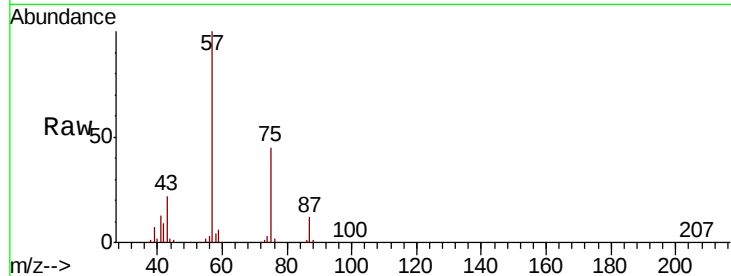




#59
2-Hexanone
Concen: 4.907 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

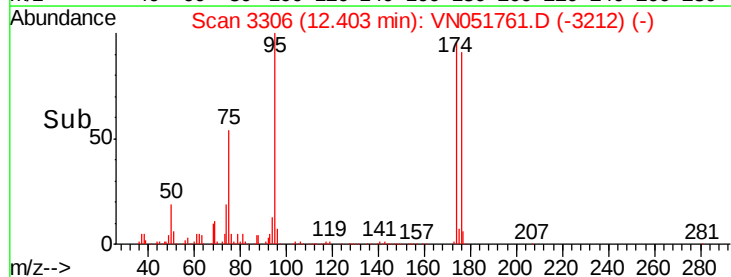
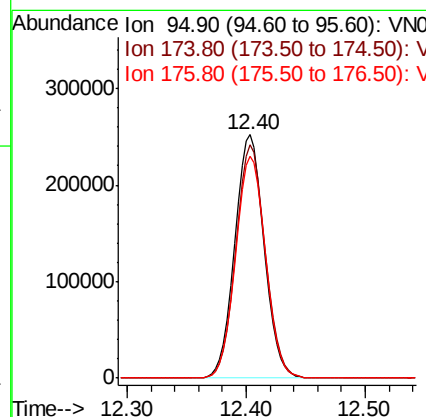
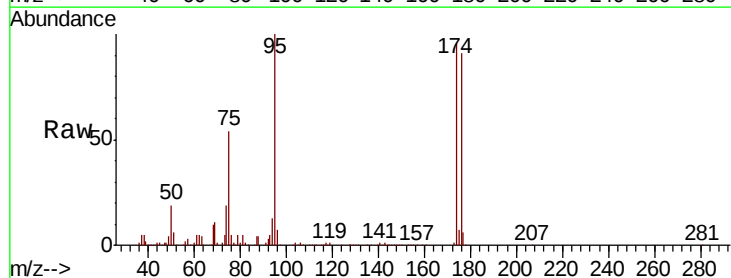
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#01

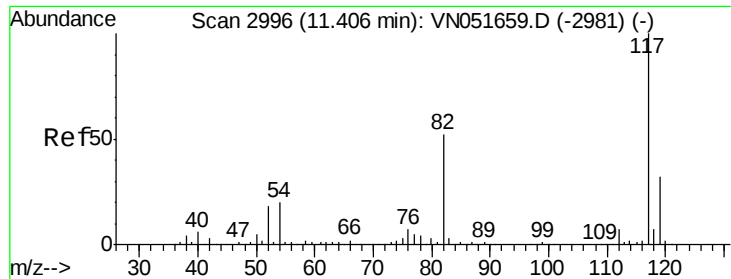
Tot Ion: 43 Resp: 20334
Ion Ratio Lower Upper
43 100
58 27.8 28.8 86.4#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

Tgt Ion: 95 Resp: 429696
Ion Ratio Lower Upper
95 100
174 96.3 0.0 182.8
176 93.1 0.0 176.4

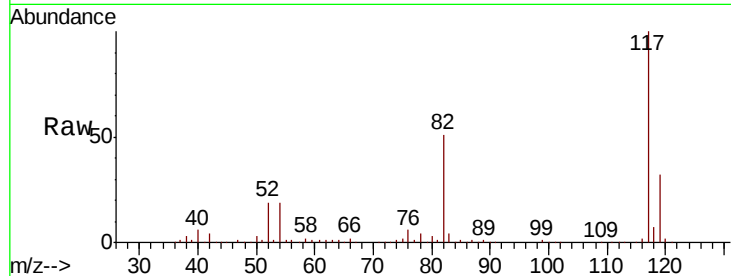




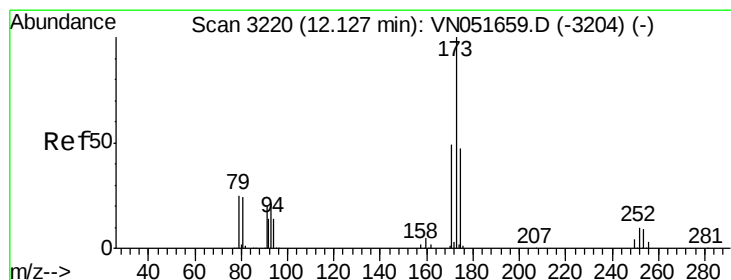
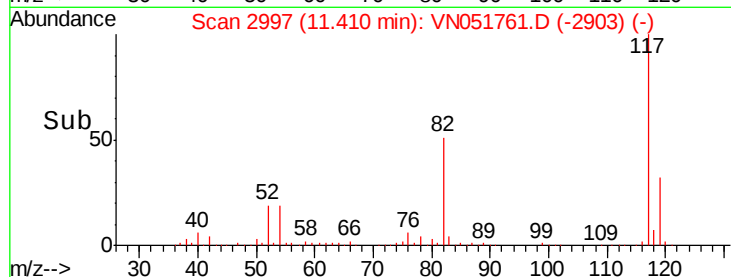
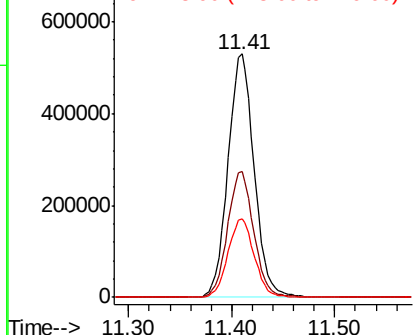
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#01

Tot Ion:117 Resp: 936159
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 32.3 25.9 38.9

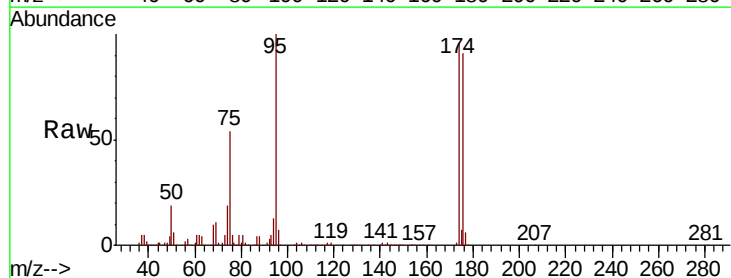


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

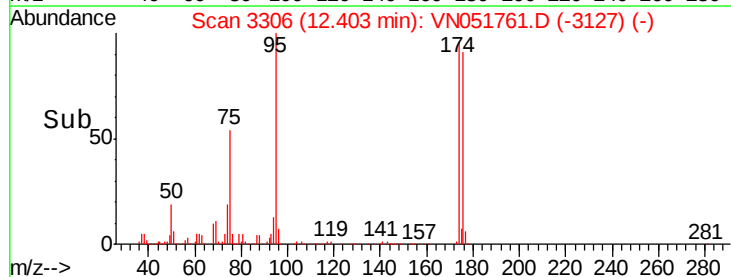
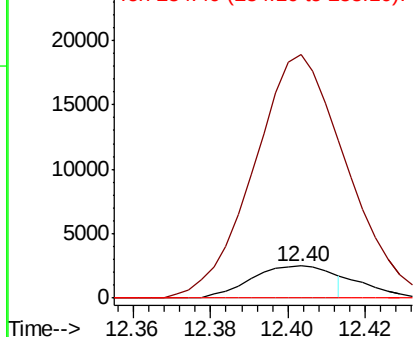


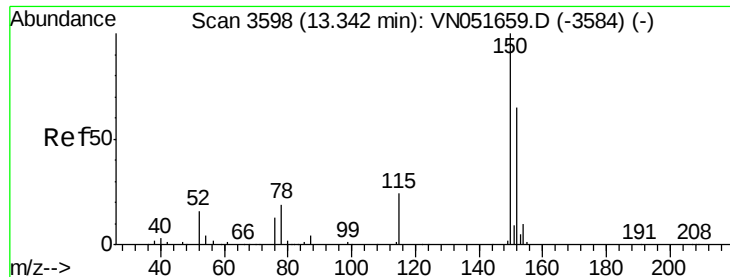
#71
Bromoform
Concen: 0.527 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051761.D
Acq: 9 Oct 2018 20:36

Tgt Ion:173 Resp: 3642
Ion Ratio Lower Upper
173 100
175 718.6 24.0 72.0#
254 0.0 0.1 0.1#



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# 3599

Delta R.T. 0.00 min

Lab File: VN051761.D

Acq: 9 Oct 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#01

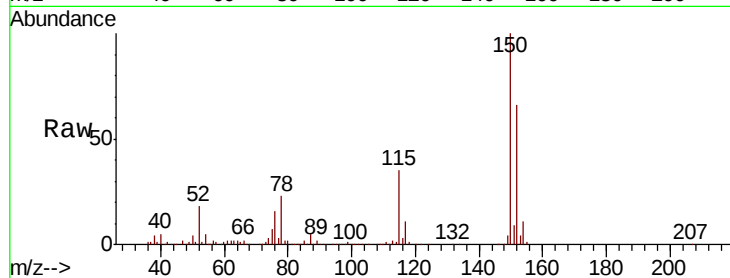
Tot Ion:152 Resp: 368317

Ion Ratio Lower Upper

152 100

115 54.3 28.6 85.8

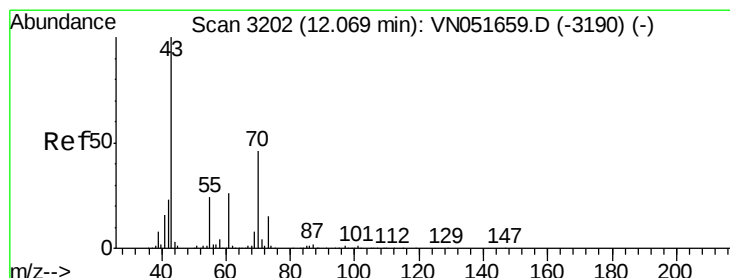
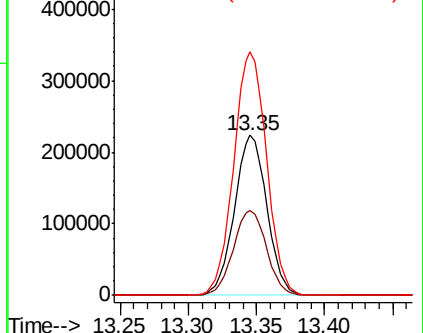
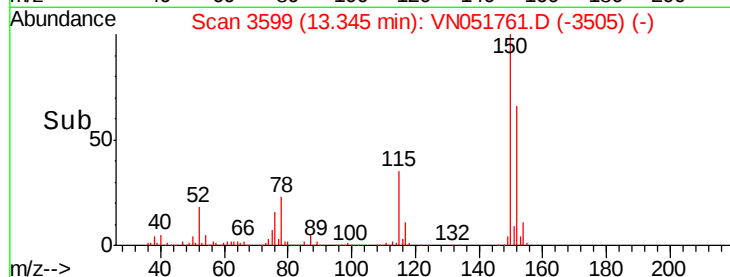
150 154.5 0.0 352.4



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: Below Cal

RT: 12.08 min Scan# 3205

Delta R.T. 0.01 min

Lab File: VN051761.D

Acq: 9 Oct 2018 20:36

Tgt Ion: 43 Resp: 655

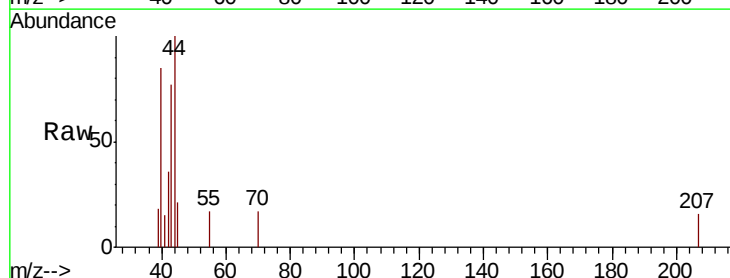
Ion Ratio Lower Upper

43 100

70 10.1 37.1 55.7#

55 17.1 19.1 28.7#

61 0.0 20.8 31.2#

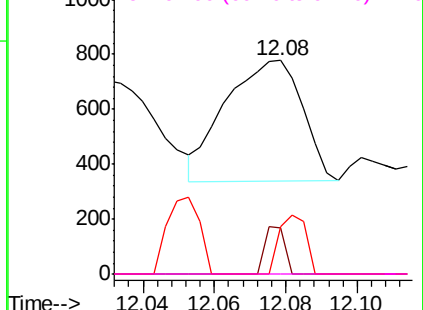
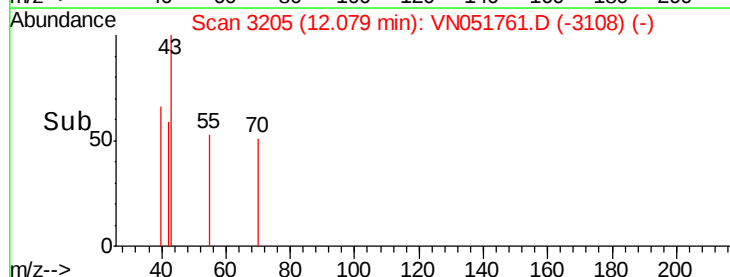


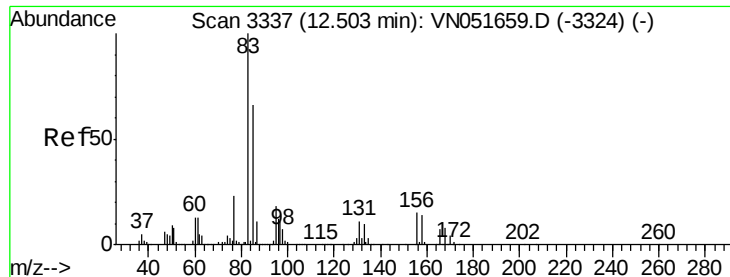
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN051761.D

Acq: 9 Oct 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#01

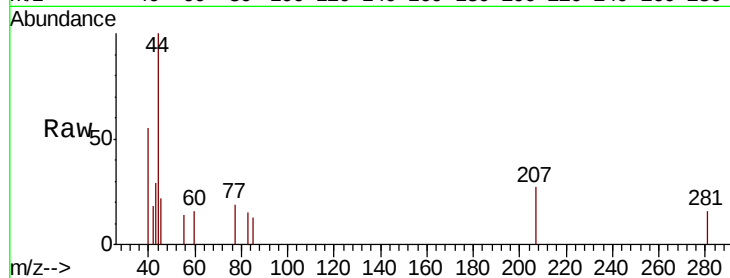
Tot Ion: 83 Resp: 63

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

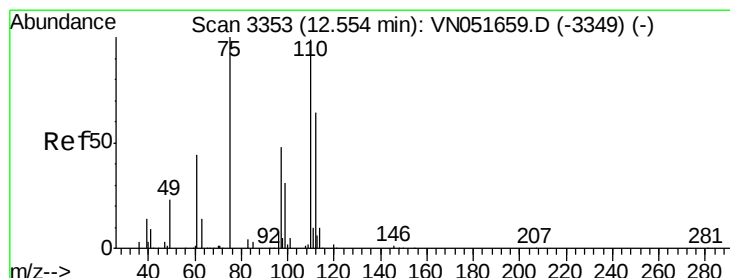
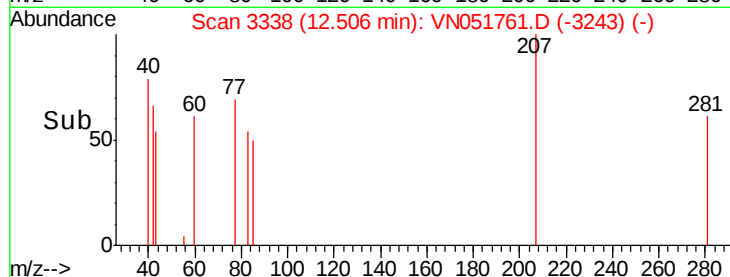
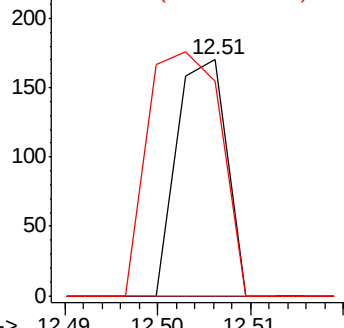
85 152.4 33.0 98.9#



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: 50.499 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051761.D

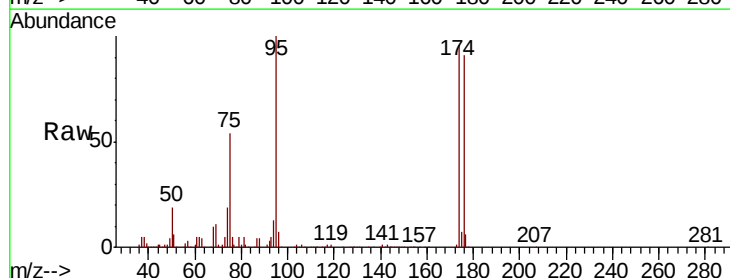
Acq: 9 Oct 2018 20:36

Tgt Ion: 75 Resp: 230917

Ion Ratio Lower Upper

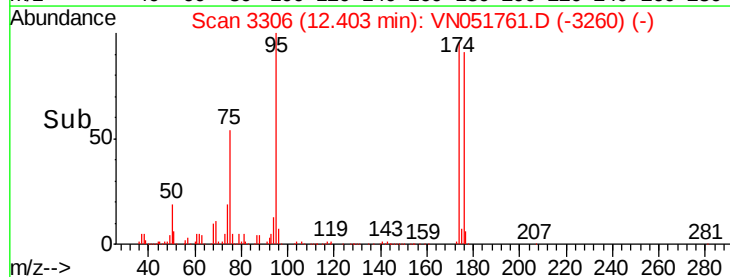
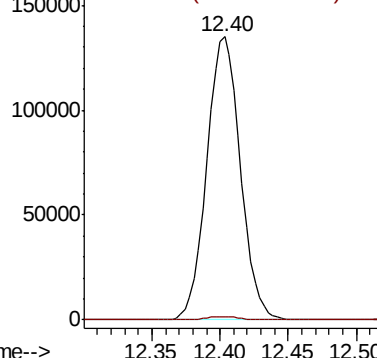
75 100

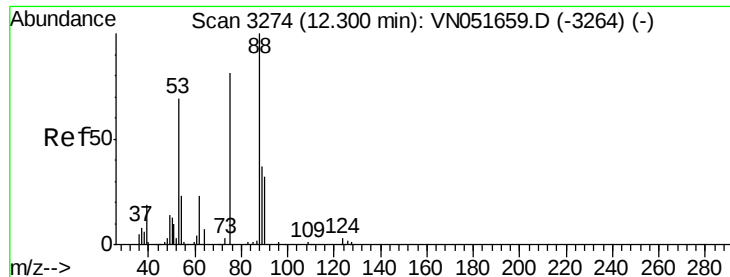
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 115.246 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051761.D

Acq: 9 Oct 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#01

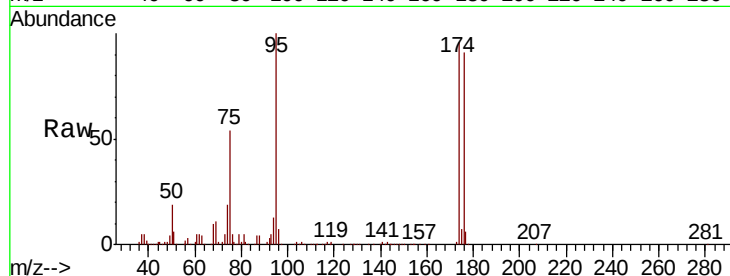
Tot Ion: 75 Resp: 230917

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

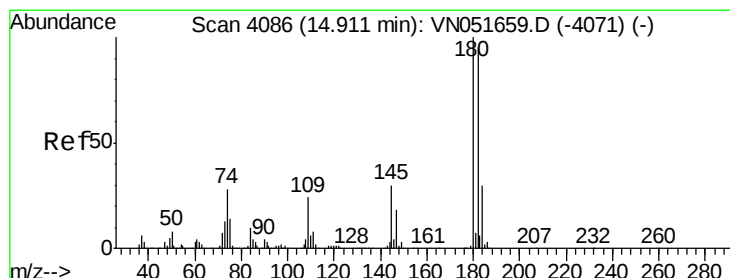
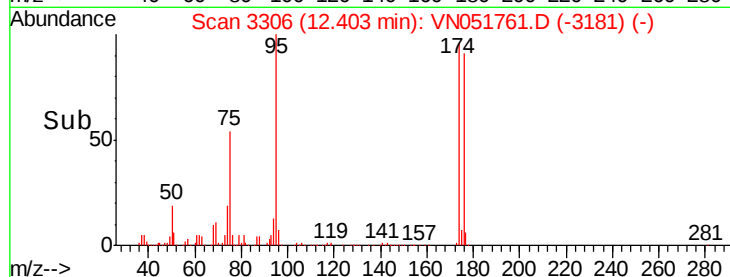
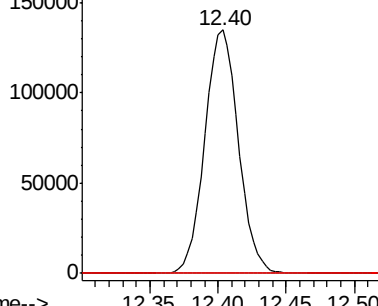
89 0.0 39.4 59.2#



Abundance Ion 74.90 (74.60 to 75.60): VN051761.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN051761.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN051761.D (-3181) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.338 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN051761.D

Acq: 9 Oct 2018 20:36

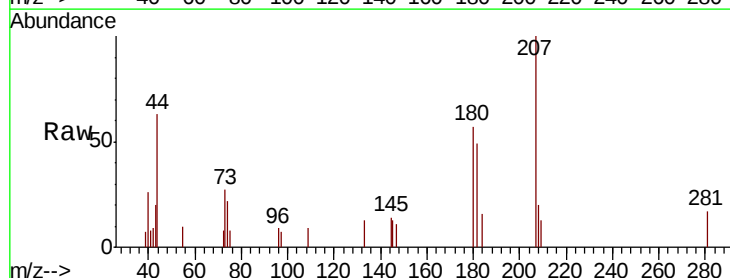
Tgt Ion:180 Resp: 1998

Ion Ratio Lower Upper

180 100

182 83.9 47.7 143.1

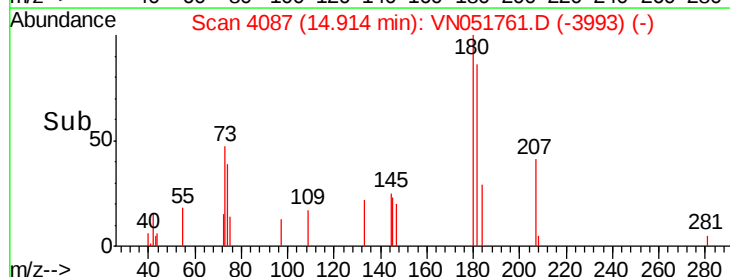
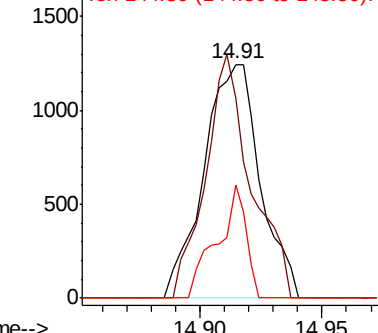
145 24.5 15.3 45.9

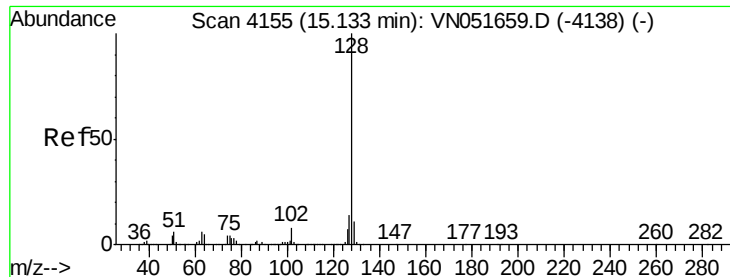


Abundance Ion 179.80 (179.50 to 180.50): VN051761.D (-3993) (-)

Ion 181.80 (181.50 to 182.50): VN051761.D (-3993) (-)

Ion 144.80 (144.50 to 145.50): VN051761.D (-3993) (-)





#95

Naphthalene

Concen: 0.431 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051761.D

Acq: 9 Oct 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#01

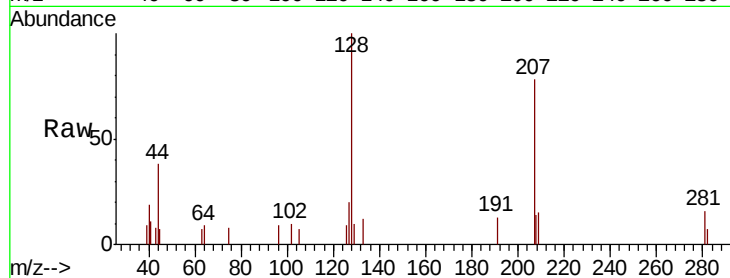
Tot Ion:128 Resp: 5511

Ion Ratio Lower Upper

128 100

127 12.0 10.6 15.8

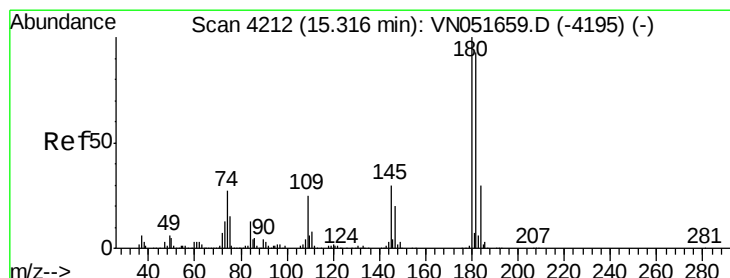
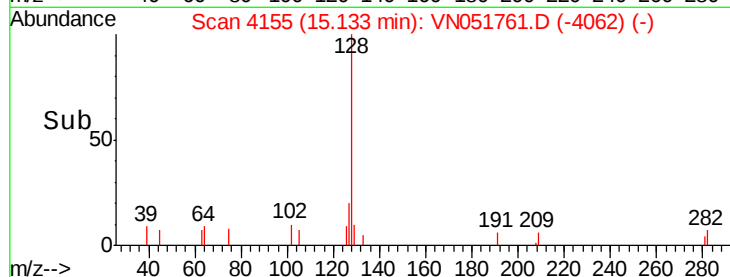
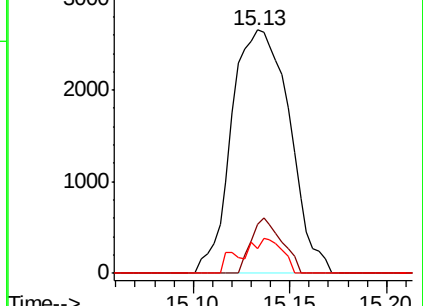
129 7.4 9.0 13.6#



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: 0.325 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051761.D

Acq: 9 Oct 2018 20:36

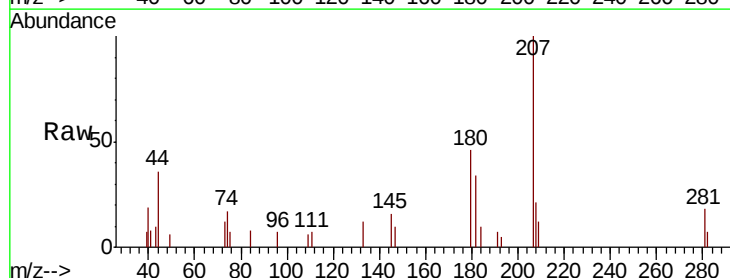
Tgt Ion:180 Resp: 1895

Ion Ratio Lower Upper

180 100

182 102.2 47.3 141.8

145 25.9 15.6 46.8



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

