

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051763.D
 Acq On : 9 Oct 2018 21:25
 Operator : MD\SY
 Sample : PB113645ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#03

Quant Time: Oct 10 03:35:50 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	725157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1050373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	931410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	353440	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	431387	45.03	ug/l	0.00
Spiked Amount			Recovery	=	90.06%	
35) Dibromofluoromethane	7.59	113	392508	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
50) Toluene-d8	10.09	98	1512654	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.40	95	429018	40.01	ug/l	0.00
Spiked Amount			Recovery	=	80.02%	

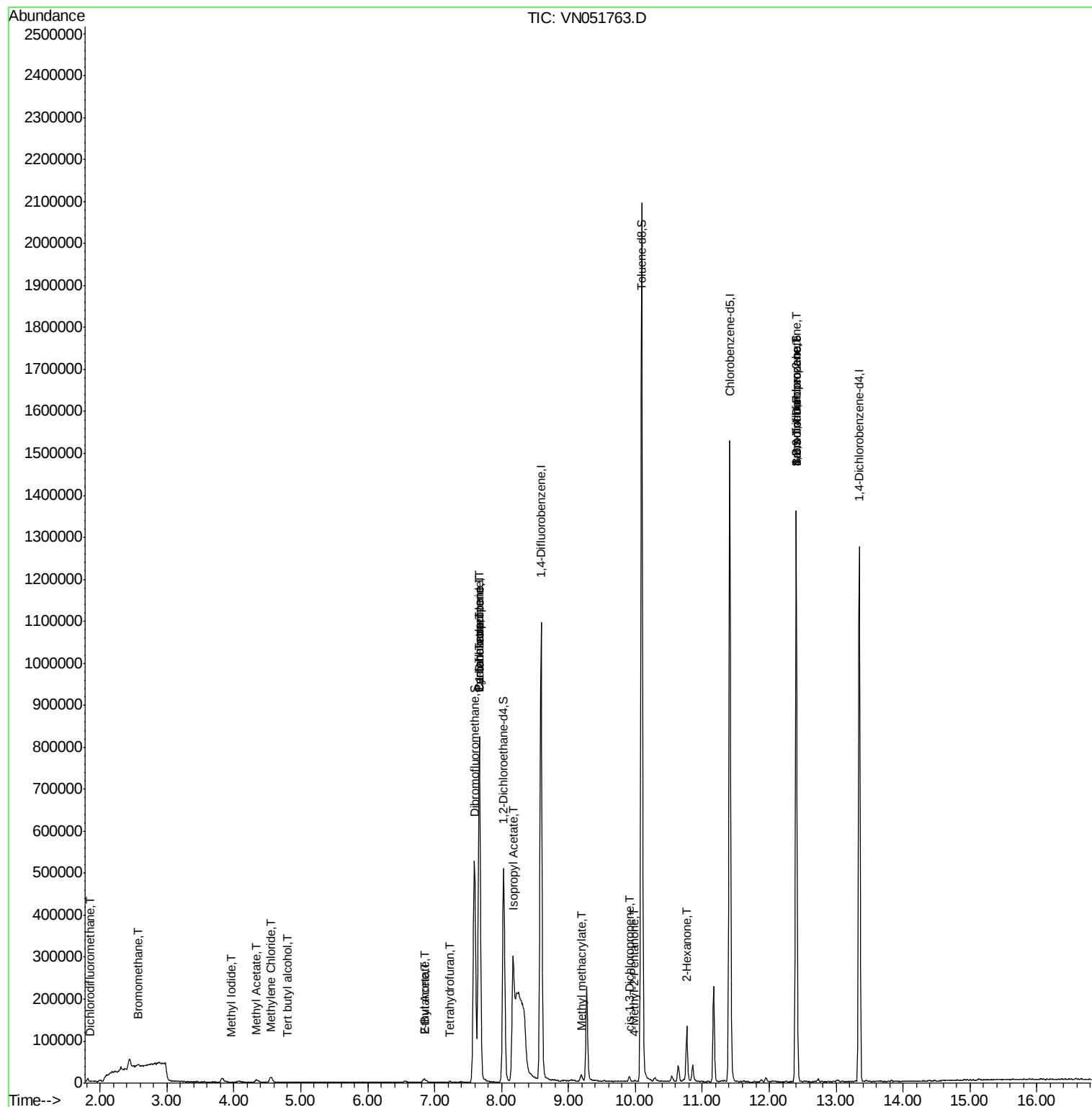
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	65	1.156	ug/l #	42
5) Bromomethane	2.56	94	2192	0.219	ug/l	84
7) Trichlorofluoromethane	3.01	101	263	Below Cal		96
10) Methyl Iodide	3.97	142	70	2.345	ug/l #	41
11) Tert butyl alcohol	4.80	59	232	0.356	ug/l #	73
13) Acrolein	3.61	56	65	Below Cal	#	1
16) Acetone	3.83	43	15191	Below Cal	#	87
18) Methyl Acetate	4.34	43	11774	2.227	ug/l	94
20) Methylene Chloride	4.56	84	9670	1.227	ug/l	93
25) 2-Butanone	6.85	43	8668	3.133	ug/l #	86
29) Tetrahydrofuran	7.21	42	371	0.219	ug/l #	46
31) Cyclohexane	7.66	56	13752	1.057	ug/l #	30
36) 1,1-Dichloropropene	7.67	75	47540	4.330	ug/l #	43
37) Ethyl Acetate	6.85	43	8668	1.514	ug/l #	70
38) Carbon Tetrachloride	7.67	117	67512	5.125	ug/l #	15
41) Methacrylonitrile	7.18	41	190	Below Cal	#	36
43) Isopropyl Acetate	8.17	43	424934	35.594	ug/l #	87
48) Methyl methacrylate	9.18	41	7637	1.400	ug/l #	16
51) 4-Methyl-2-Pentanone	9.99	43	1624	0.268	ug/l	99
54) cis-1,3-Dichloropropene	9.91	75	3163	0.234	ug/l #	65
59) 2-Hexanone	10.77	43	20066	4.884	ug/l #	54
71) Bromoform	12.40	173	3914	0.570	ug/l #	1
74) N-amyl acetate	12.08	43	131	Below Cal	#	8
75) 1,1,2,2-Tetrachloroethane	12.40	83	558	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	228678	52.257	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	228678	118.932	ug/l #	14

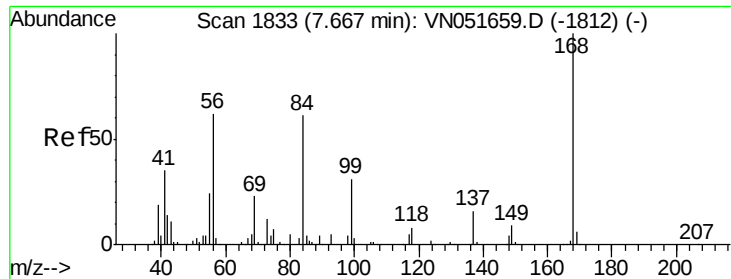
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 10 03:35:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
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: VN051763.D

Acq: 9 Oct 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

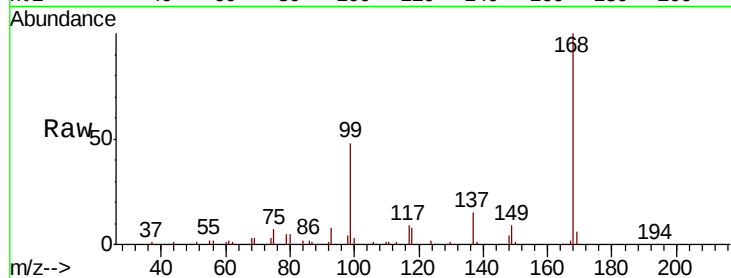
PB113645ZHE#03

Tot Ion:168 Resp: 725157

Ion Ratio Lower Upper

168 100

99 47.7 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

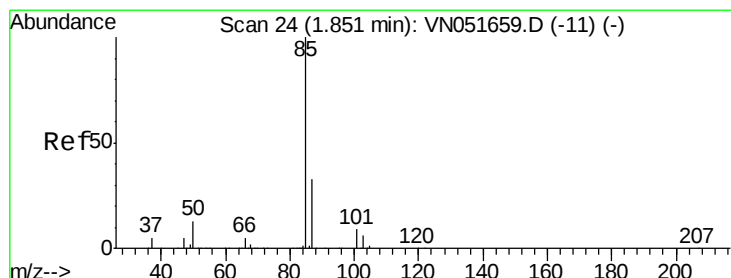
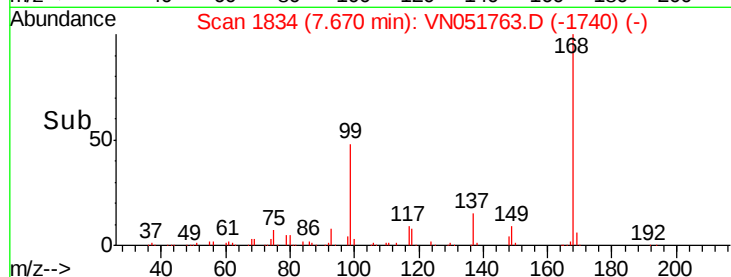
200000

100000

0

Time-->

7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 1.156 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN051763.D

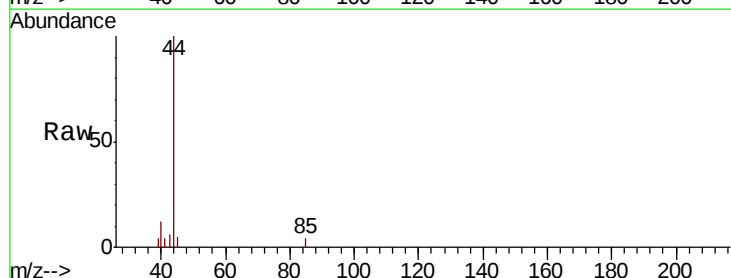
Acq: 9 Oct 2018 21:25

Tgt Ion: 85 Resp: 65

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.4#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200

150

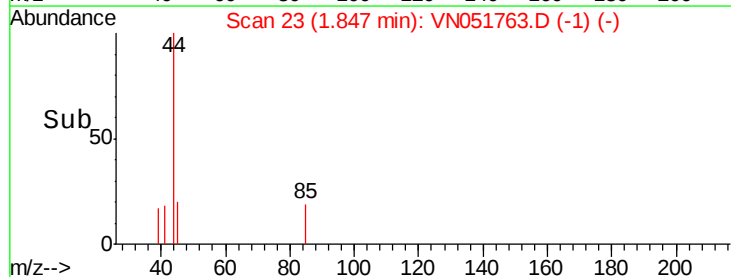
100

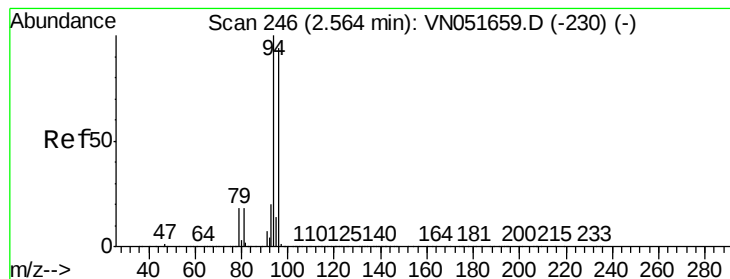
50

0

Time-->

1.84 1.85 1.86





#5

Bromomethane

Concen: 0.219 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

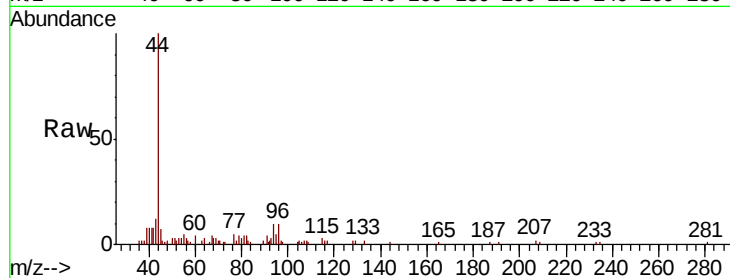
PB113645ZHE#03

Tot Ion: 94 Resp: 2192

Ion Ratio Lower Upper

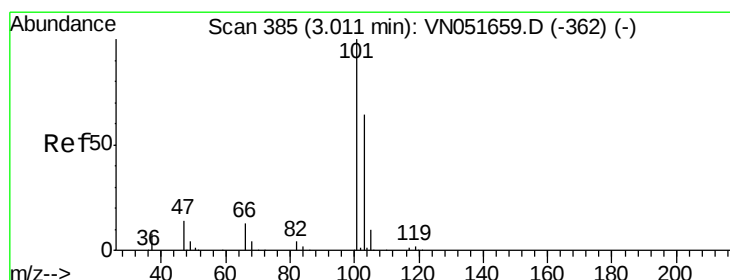
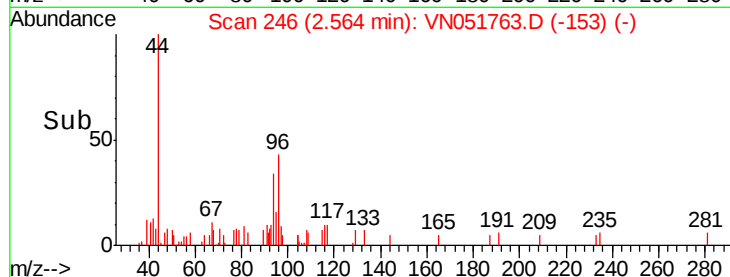
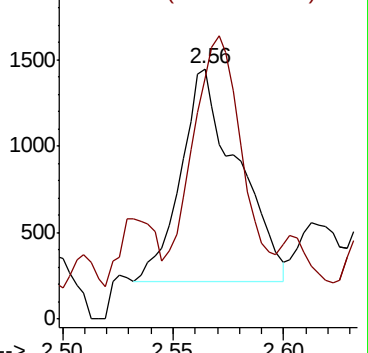
94 100

96 78.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN051659.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN051659.D (-230) (-)



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 3.01 min Scan# 385

Delta R.T. 0.00 min

Lab File: VN051763.D

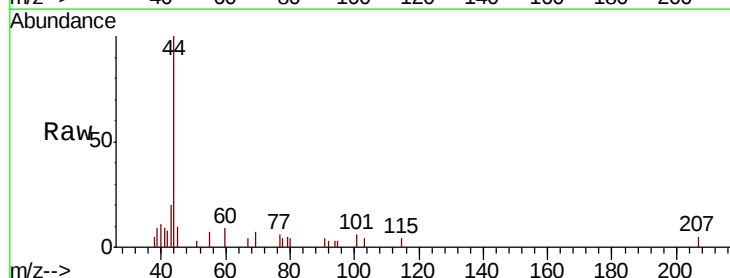
Acq: 9 Oct 2018 21:25

Tgt Ion: 101 Resp: 263

Ion Ratio Lower Upper

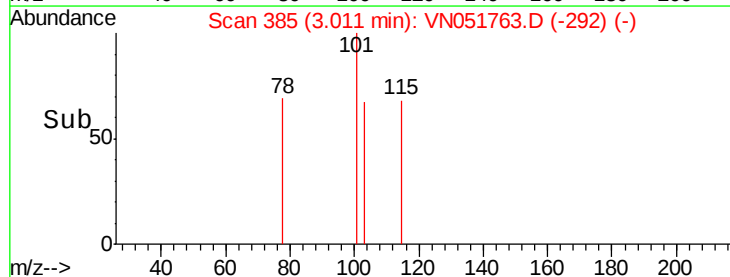
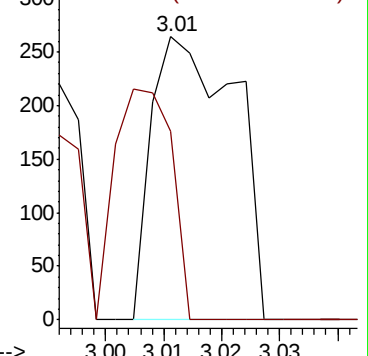
101 100

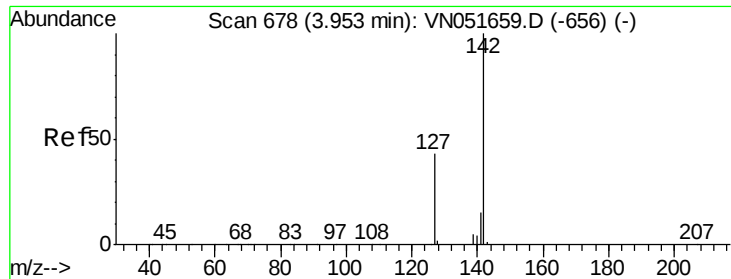
103 66.7 51.1 76.7



Abundance Ion 100.90 (100.60 to 101.60): VN051659.D (-362) (-)

Ion 102.80 (102.50 to 103.50): VN051659.D (-362) (-)

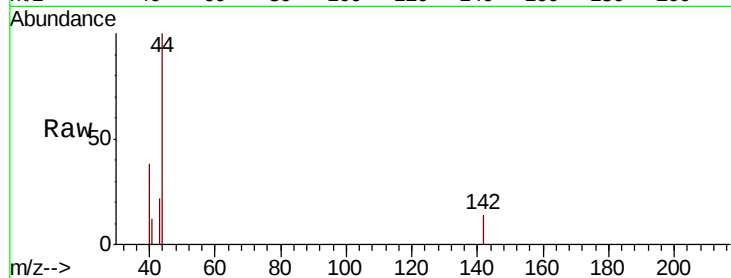




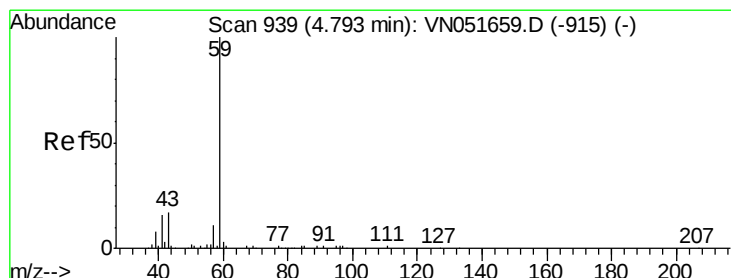
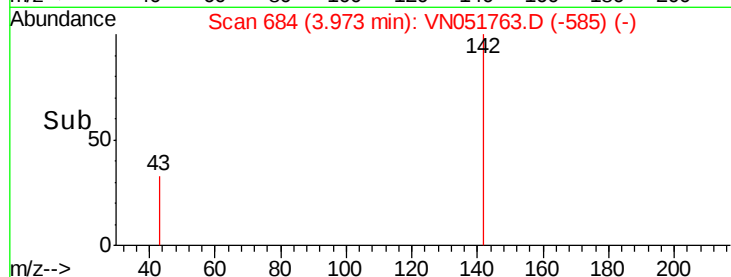
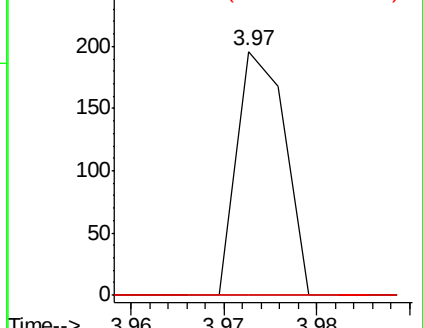
#10
Methvl Iodide
Concen: 2.345 ug/l
RT: 3.97 min Scan# 684
Delta R.T. 0.02 min
Lab File: VN051763.D
Acq: 9 Oct 2018 21:25

Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#03

Tot Ion:142 Resp: 70
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.4 17.2#

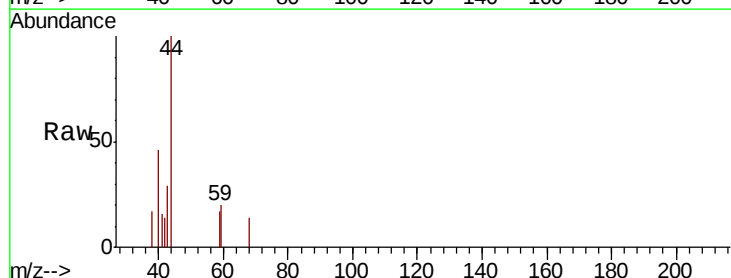


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

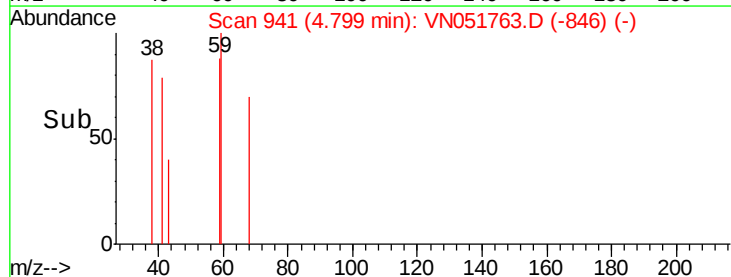
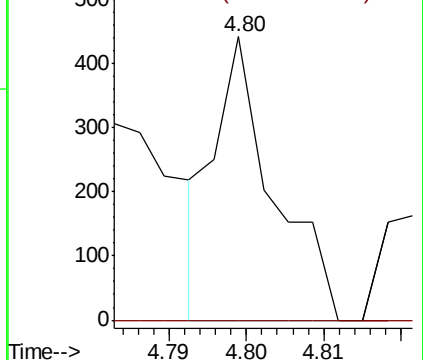


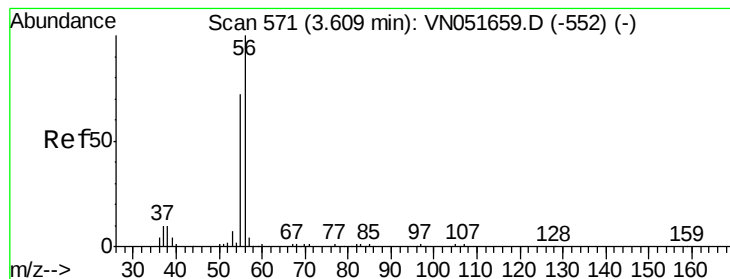
#11
Tert butyl alcohol
Concen: 0.356 ug/l
RT: 4.80 min Scan# 941
Delta R.T. 0.01 min
Lab File: VN051763.D
Acq: 9 Oct 2018 21:25

Tgt Ion: 59 Resp: 232
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): V
Ion 57.00 (56.70 to 57.70): V





#13

Acrolein

Concen: Below Cal

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

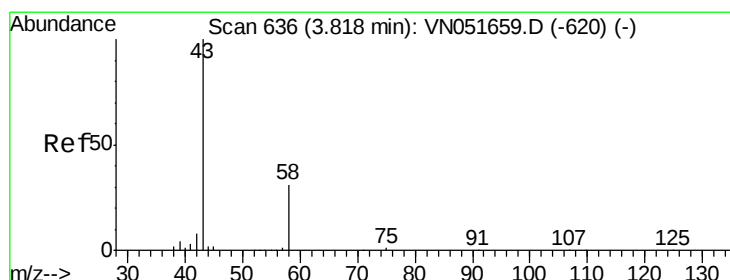
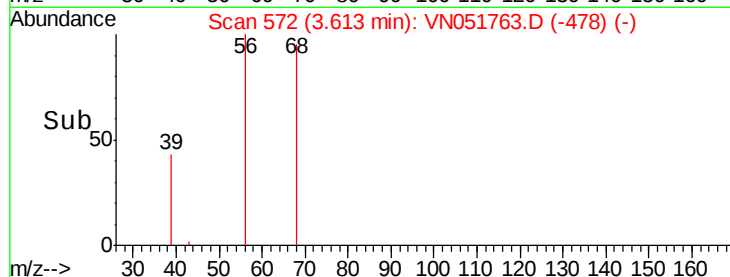
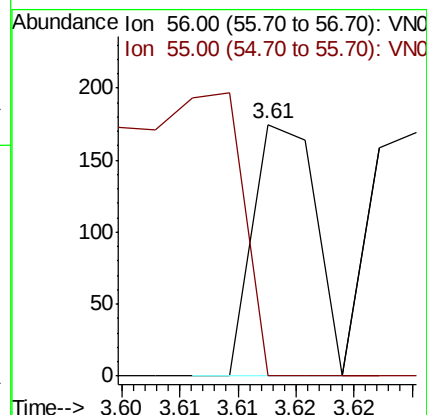
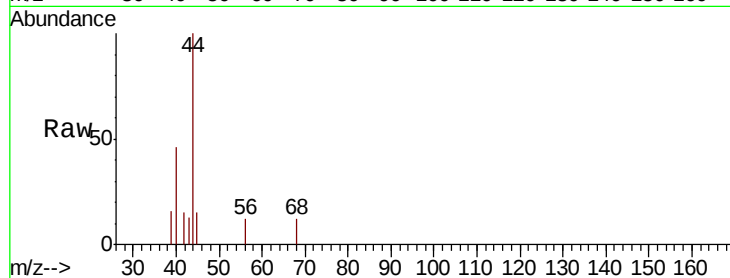
PB113645ZHE#03

Tot Ion: 56 Resp: 65

Ion Ratio Lower Upper

56 100

55 270.8 57.5 86.3#



#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN051763.D

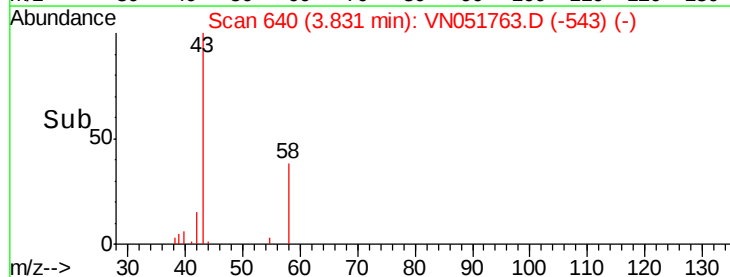
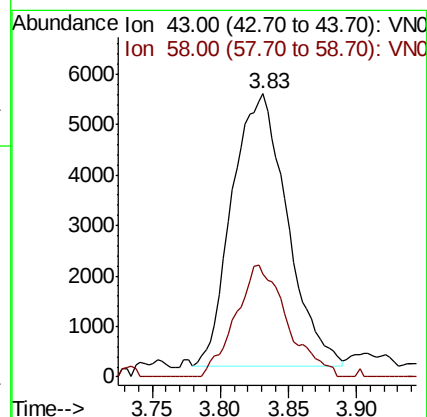
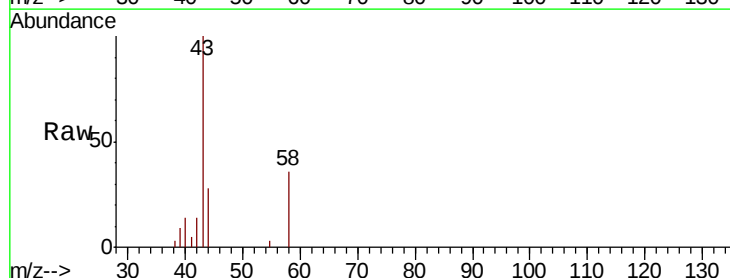
Acq: 9 Oct 2018 21:25

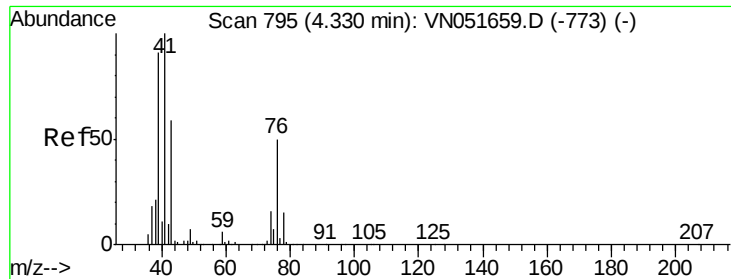
Tgt Ion: 43 Resp: 15191

Ion Ratio Lower Upper

43 100

58 37.7 24.3 36.5#

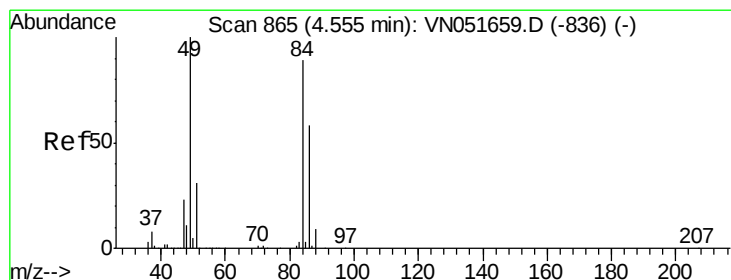
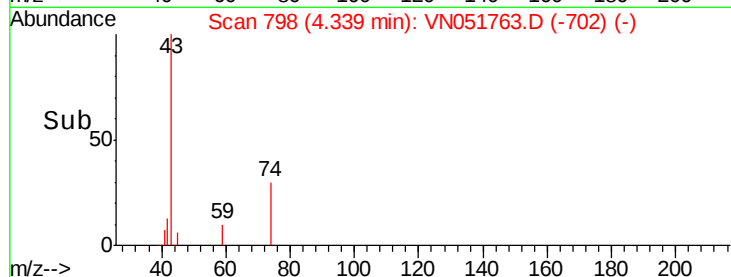
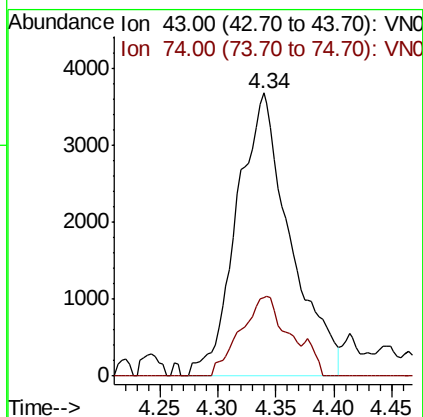
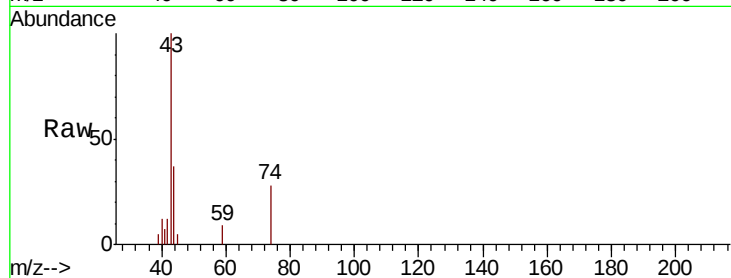




#18
Methyl Acetate
Concen: 2.227 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051763.D
Acq: 9 Oct 2018 21:25

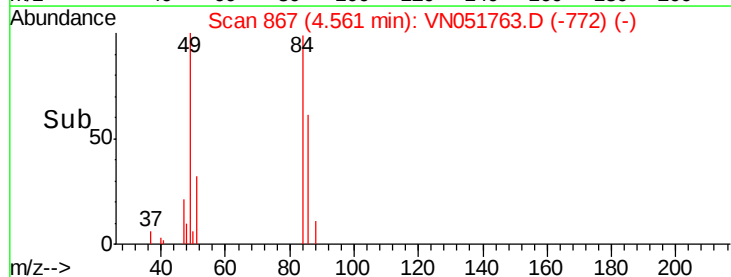
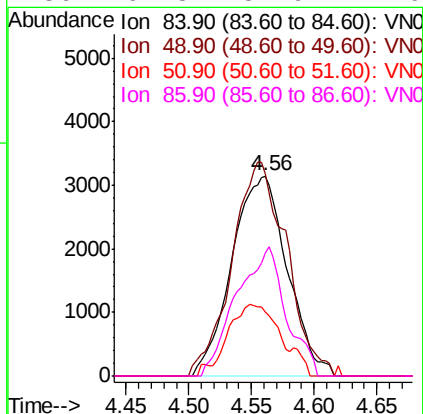
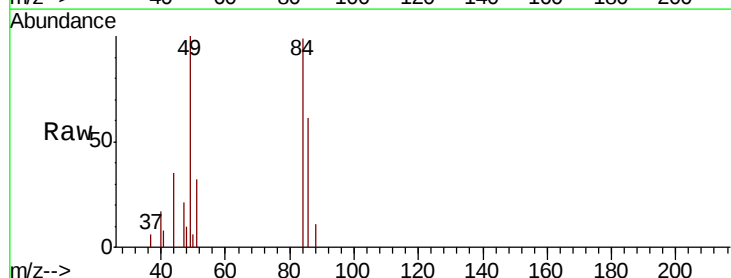
Instrument :
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PB113645ZHE#03

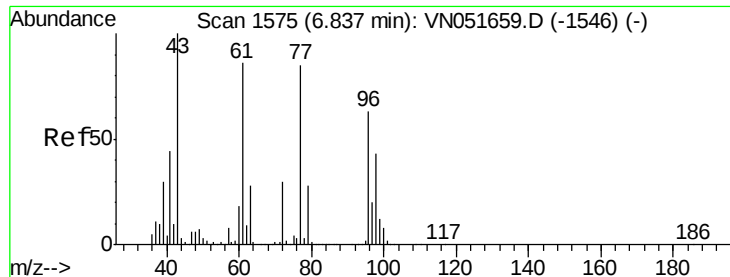
Tot Ion: 43 Resp: 11774
Ion Ratio Lower Upper
43 100
74 23.7 21.5 32.3



#20
Methylene Chloride
Concen: 1.227 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN051763.D
Acq: 9 Oct 2018 21:25

Tgt Ion: 84 Resp: 9670
Ion Ratio Lower Upper
84 100
49 100.9 89.5 134.3
51 31.9 27.4 41.0
86 61.8 51.9 77.9





#25

2-Butanone

Concen: 3.133 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

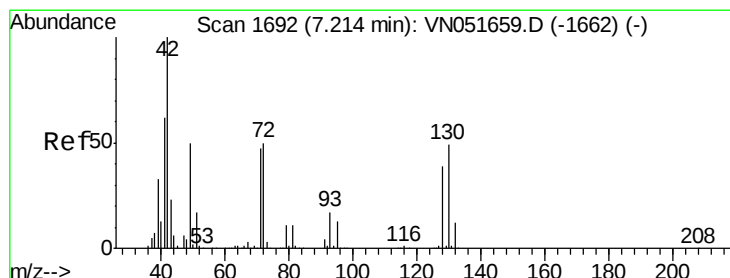
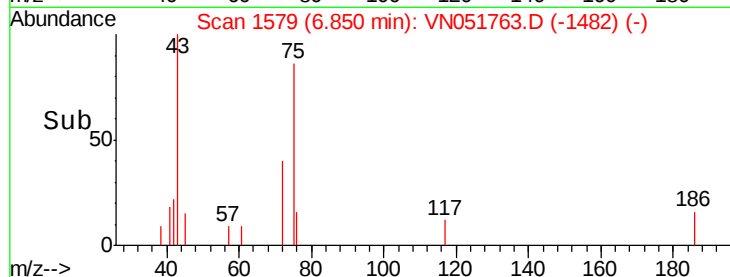
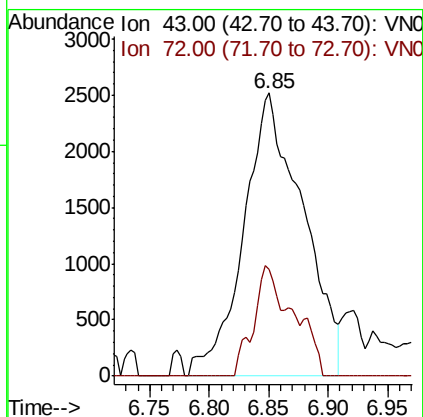
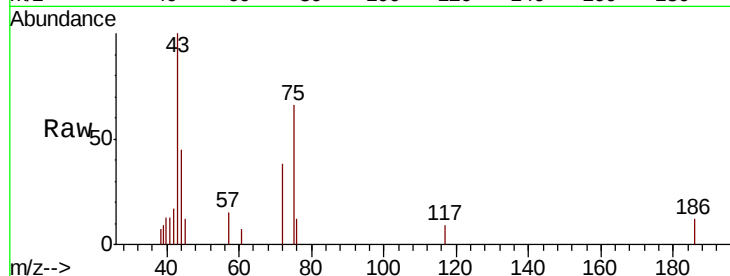
PB113645ZHE#03

Tot Ion: 43 Resp: 8668

Ion Ratio Lower Upper

43 100

72 37.8 24.2 36.2#



#29

Tetrahydrofuran

Concen: 0.219 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

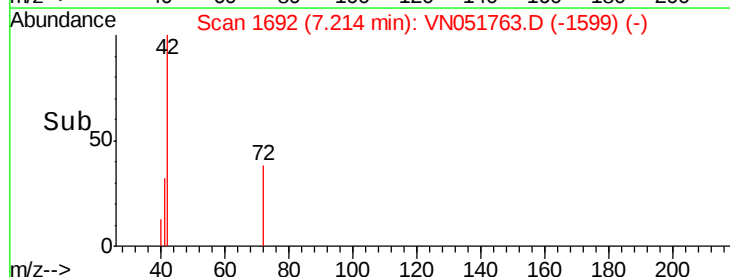
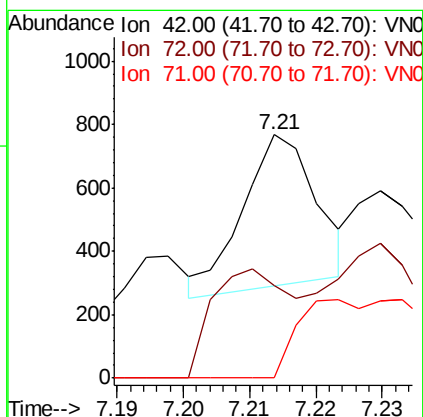
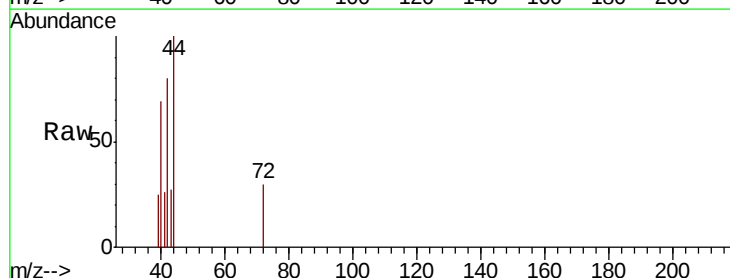
Tgt Ion: 42 Resp: 371

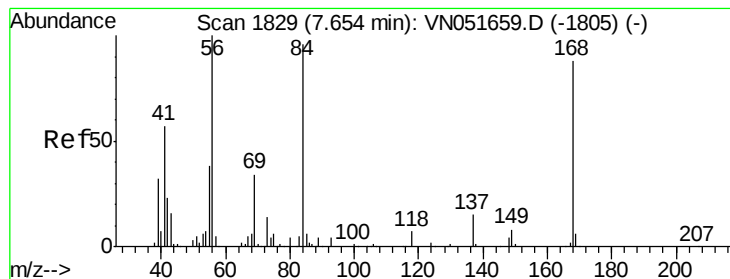
Ion Ratio Lower Upper

42 100

72 75.7 40.1 60.1#

71 0.0 38.0 57.0#





#31

Cvclohexane

Concen: 1.057 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#03

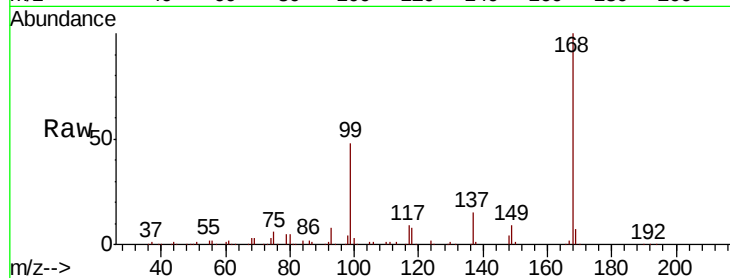
Tot Ion: 56 Resp: 13752

Ion Ratio Lower Upper

56 100

69 147.8 27.5 41.3#

84 119.2 76.7 115.1#

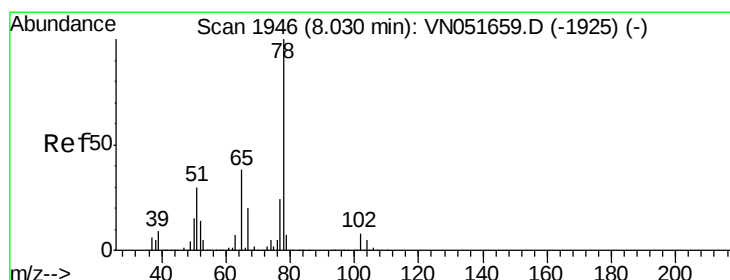
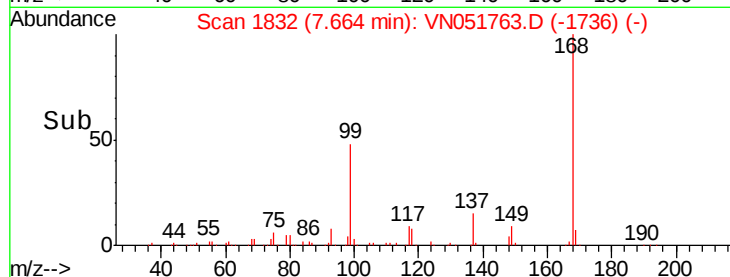
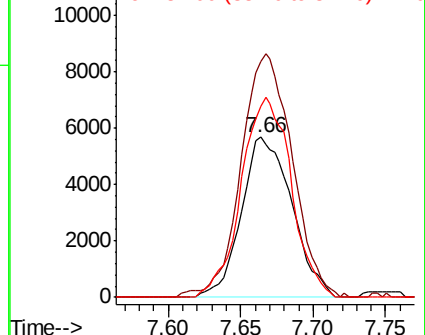


Abundance

Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 84.00 (83.70 to 84.70): VNC



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051763.D

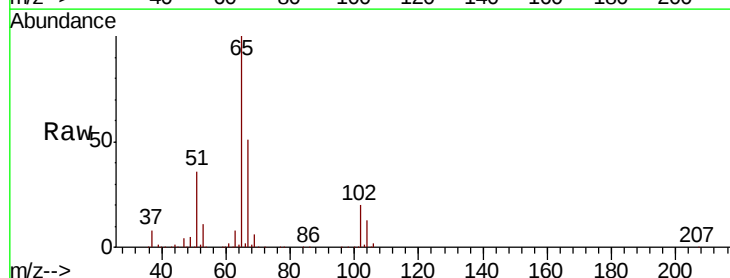
Acq: 9 Oct 2018 21:25

Tgt Ion: 65 Resp: 431387

Ion Ratio Lower Upper

65 100

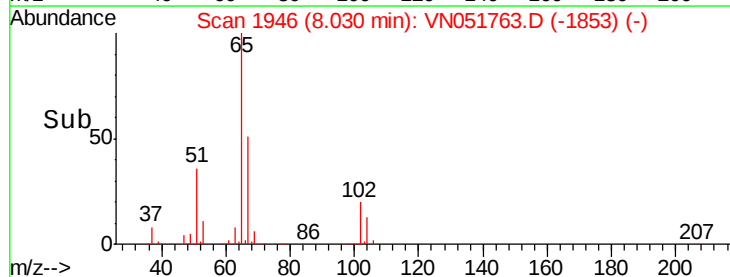
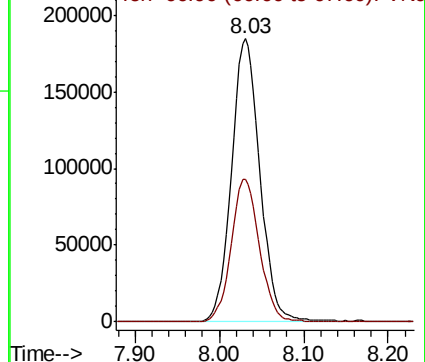
67 50.3 0.0 103.6

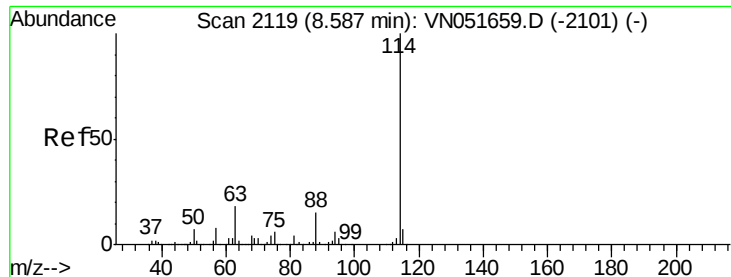


Abundance

Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

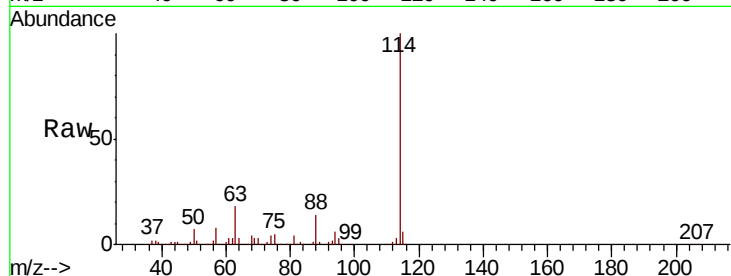




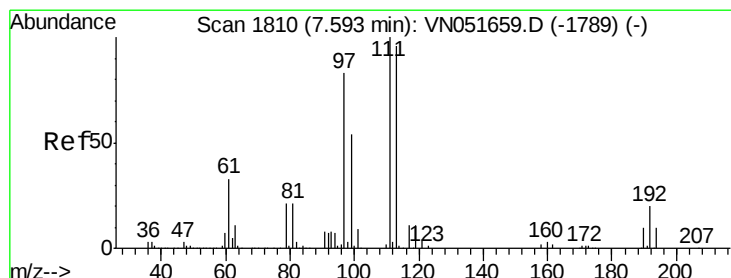
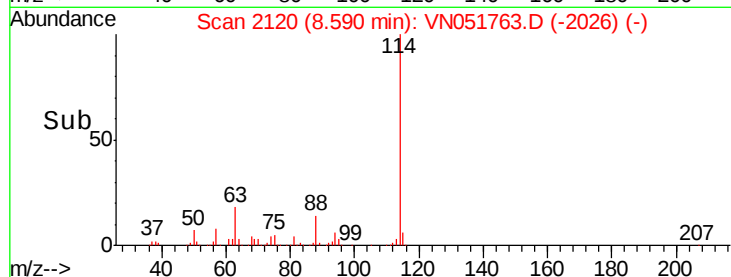
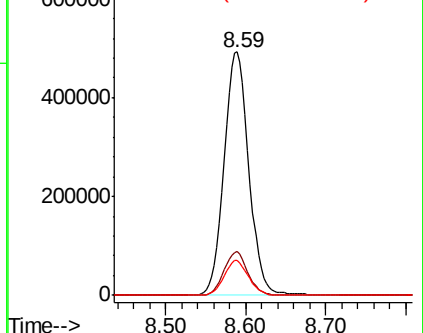
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. 0.00 min
Lab File: VN051763.D
Acq: 9 Oct 2018 21:25

Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#03

Tot Ion:114 Resp: 1050373
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.2
88 14.3 0.0 30.2

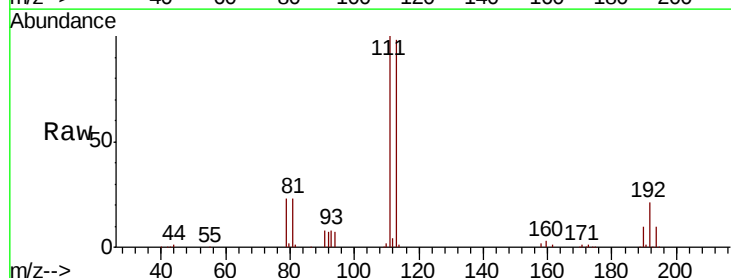


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

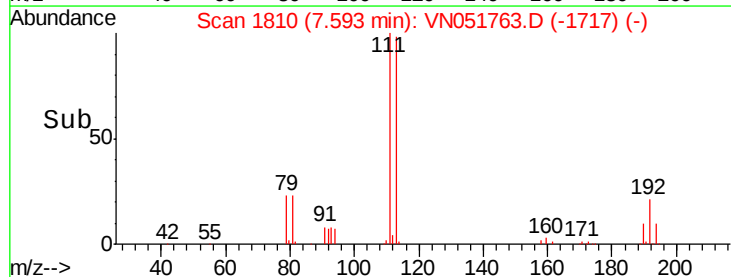
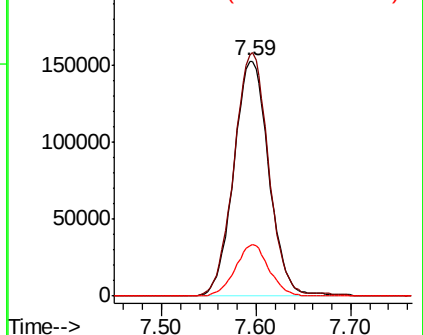


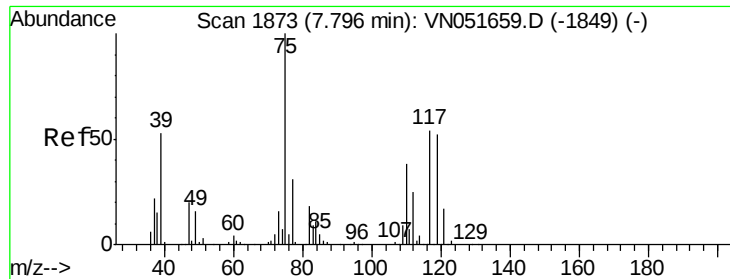
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051763.D
Acq: 9 Oct 2018 21:25

Tgt Ion:113 Resp: 392508
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 21.1 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.330 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.13 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#03

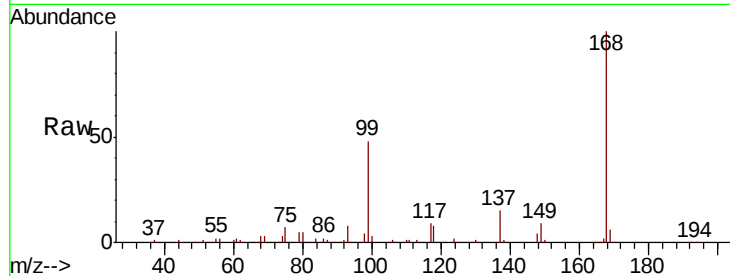
Tot Ion: 75 Resp: 47540

Ion Ratio Lower Upper

75 100

110 4.1 19.3 57.8#

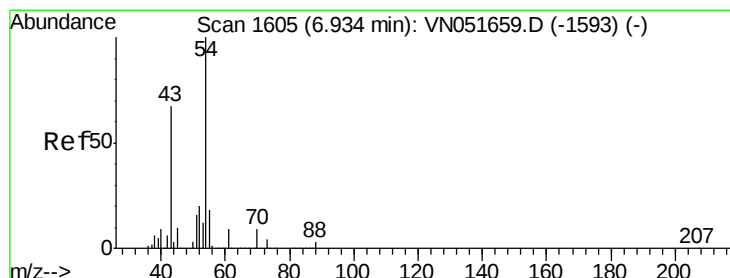
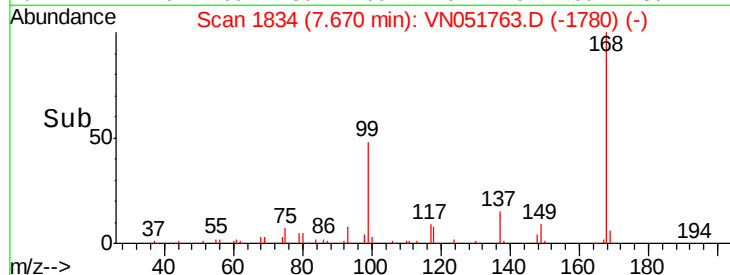
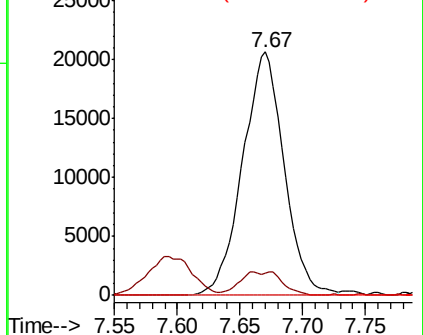
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 1.514 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. -0.08 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

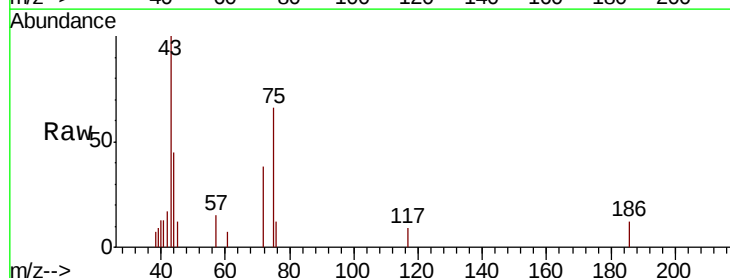
Tgt Ion: 43 Resp: 8668

Ion Ratio Lower Upper

43 100

61 1.6 11.8 17.6#

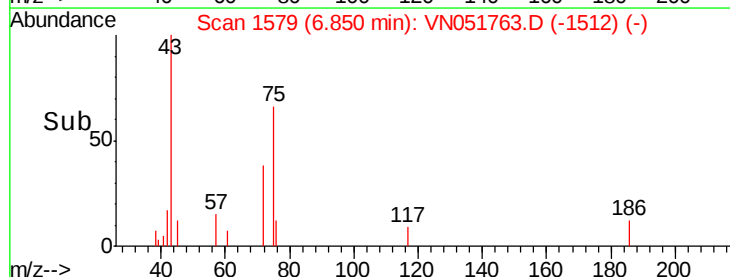
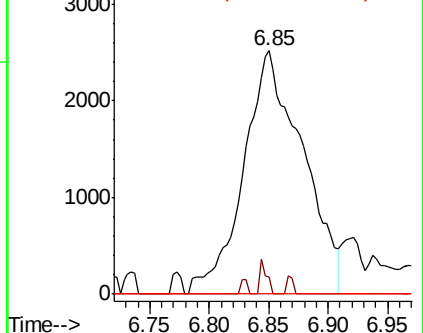
70 0.0 8.7 13.1#

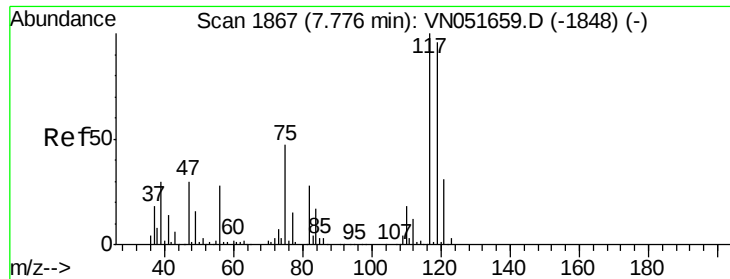


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 5.125 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#03

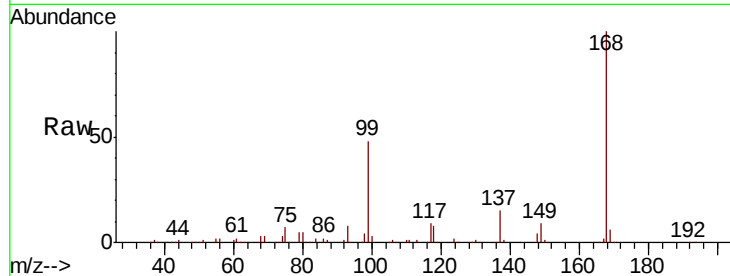
Tot Ion:117 Resp: 67512

Ion Ratio Lower Upper

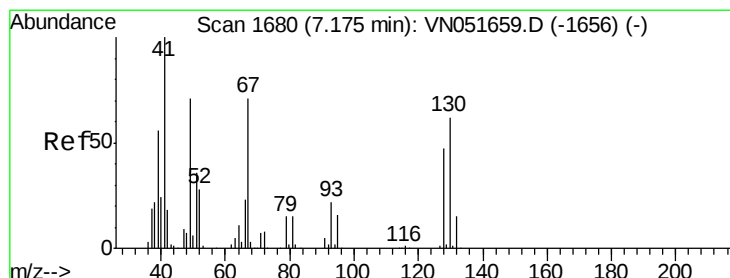
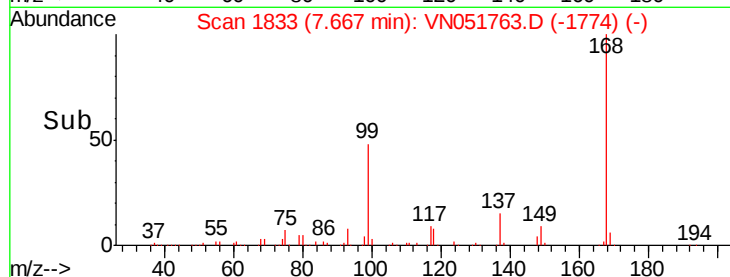
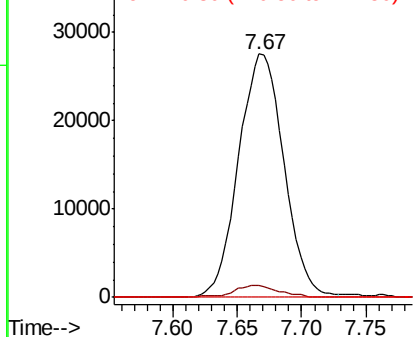
117 100

119 4.7 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# 1680

Delta R.T. 0.00 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

Tgt Ion: 41 Resp: 190

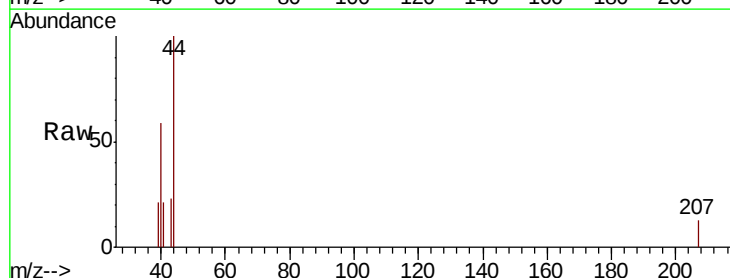
Ion Ratio Lower Upper

41 100

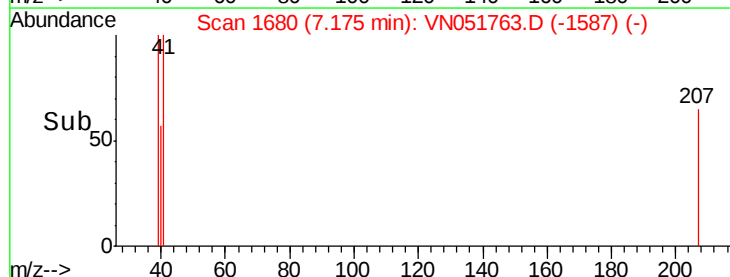
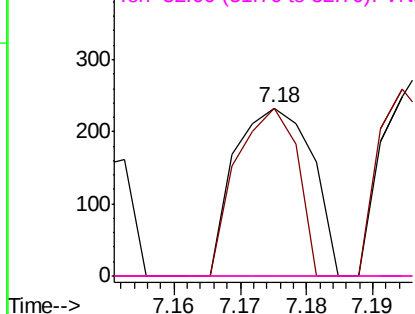
39 77.9 53.9 80.9

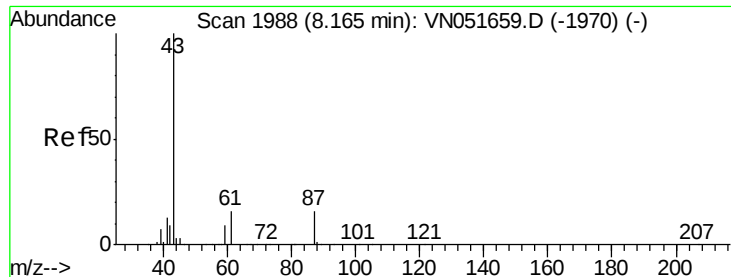
67 0.0 78.1 117.1#

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: 35.594 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#03

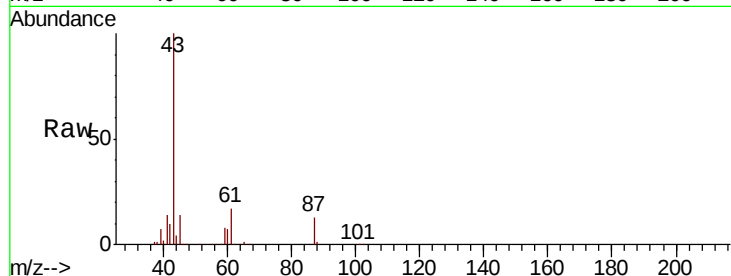
Tot Ion: 43 Resp: 424934

Ion Ratio Lower Upper

43 100

61 13.9 15.8 23.6#

87 10.5 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051659.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051659.D (-1970) (-)

8.17

150000

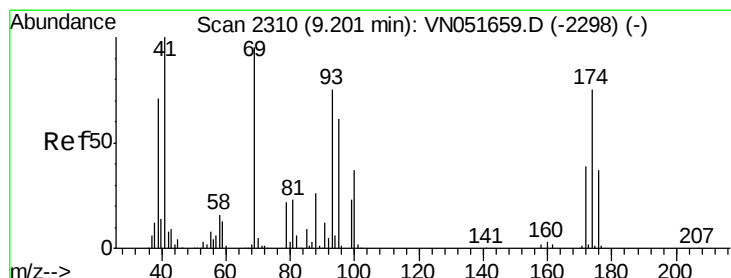
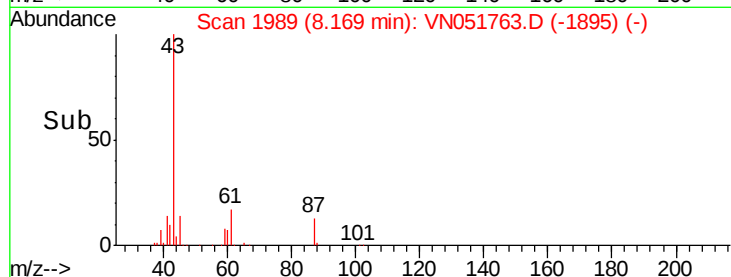
100000

50000

0

8.10 8.15 8.20 8.25

Time-->



#48

Methyl methacrylate

Concen: 1.400 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

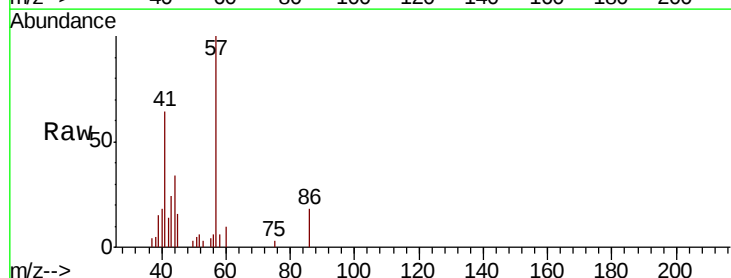
Tgt Ion: 41 Resp: 7637

Ion Ratio Lower Upper

41 100

69 0.4 78.6 118.0#

39 20.1 59.2 88.8#



Abundance Ion 41.00 (40.70 to 41.70): VN051659.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN051659.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN051659.D (-2298) (-)

9.18

15000

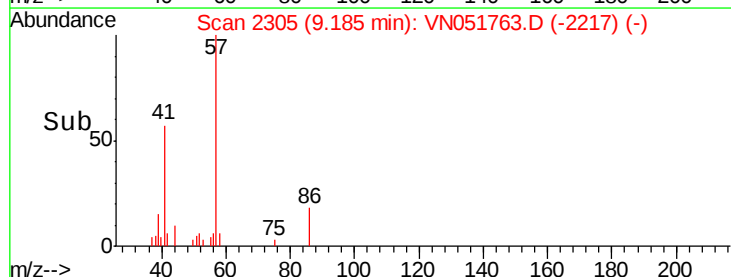
10000

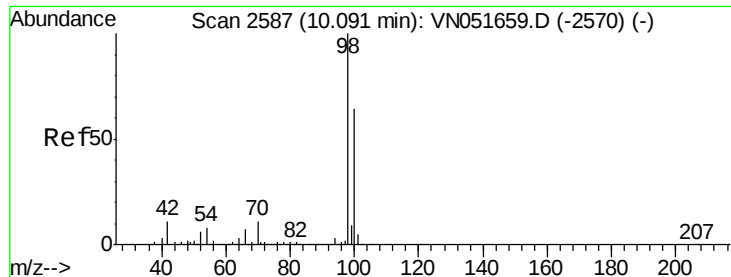
5000

0

9.10 9.15 9.20 9.25

Time-->





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

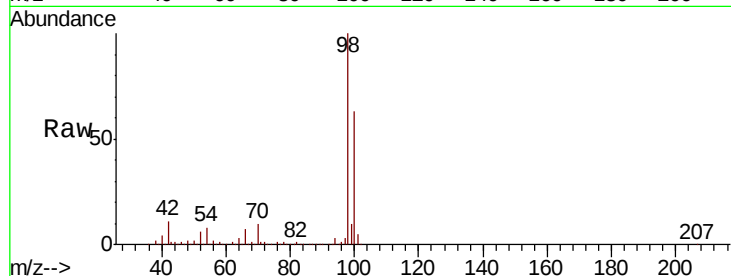
PB113645ZHE#03

Tot Ion: 98 Resp: 1512654

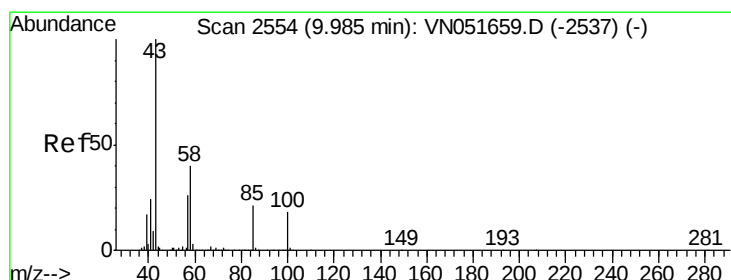
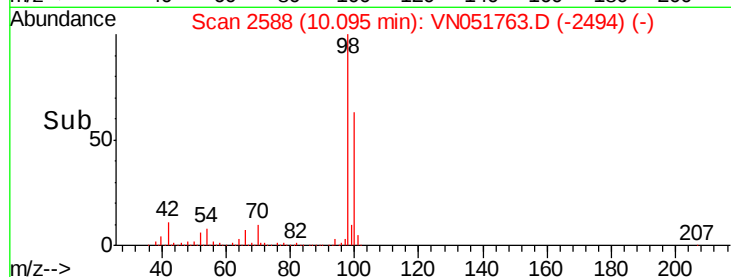
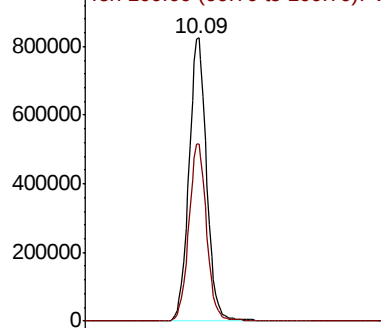
Ion Ratio Lower Upper

98 100

100 63.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051659.D (-2570) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.268 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN051763.D

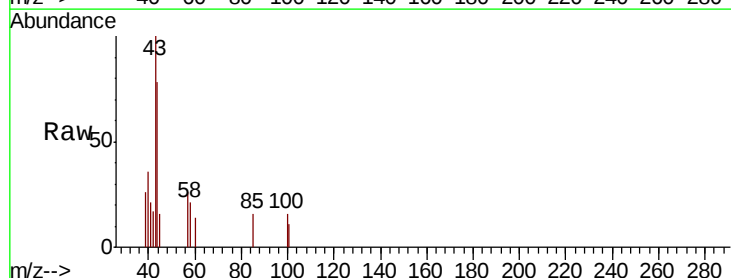
Acq: 9 Oct 2018 21:25

Tgt Ion: 43 Resp: 1624

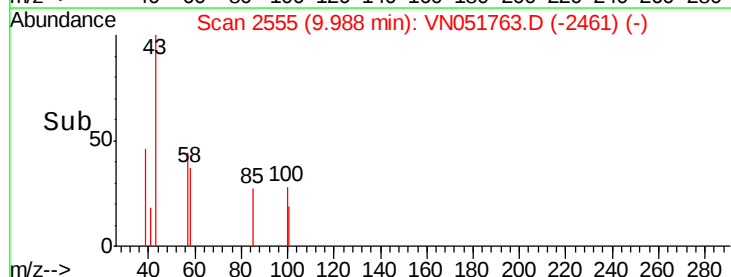
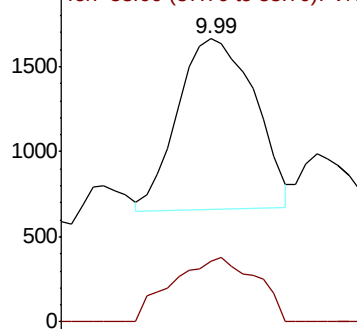
Ion Ratio Lower Upper

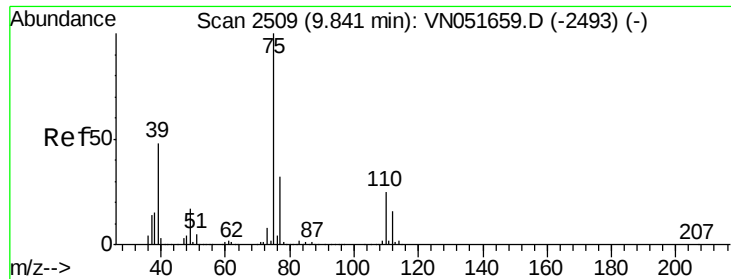
43 100

58 41.0 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-2537) (-)

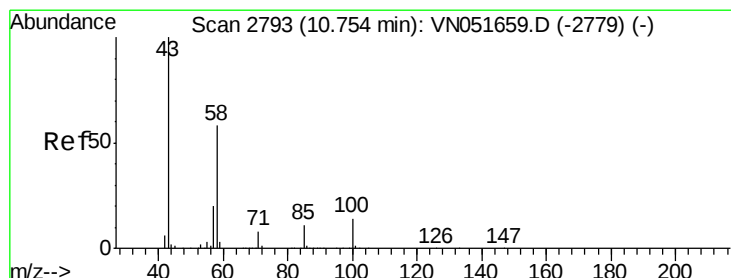
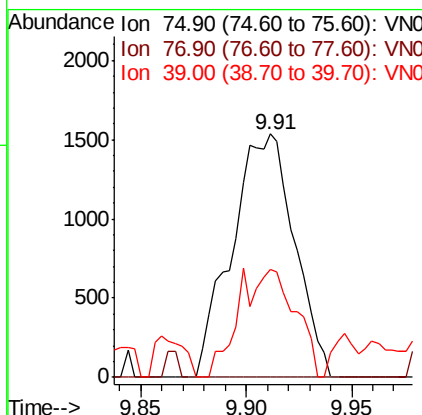
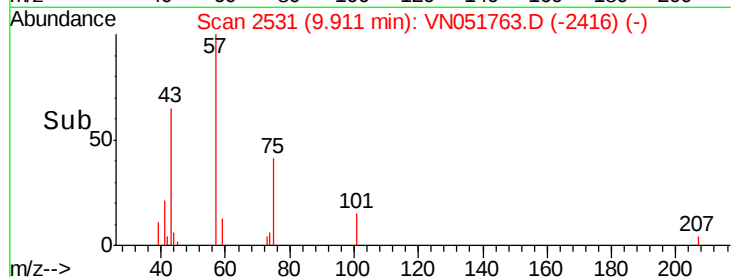
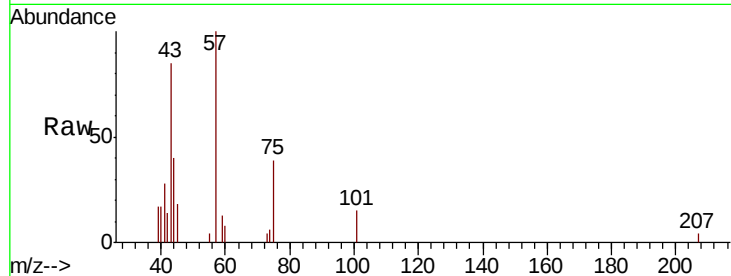




#54
 cis-1,3-Dichloropropene
 Concen: 0.234 ug/l
 RT: 9.91 min Scan# 2531
 Delta R.T. 0.07 min
 Lab File: VN051763.D
 Acq: 9 Oct 2018 21:25

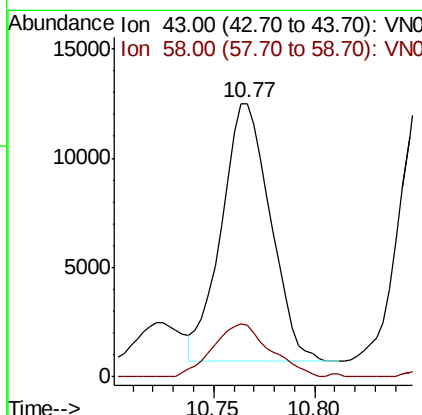
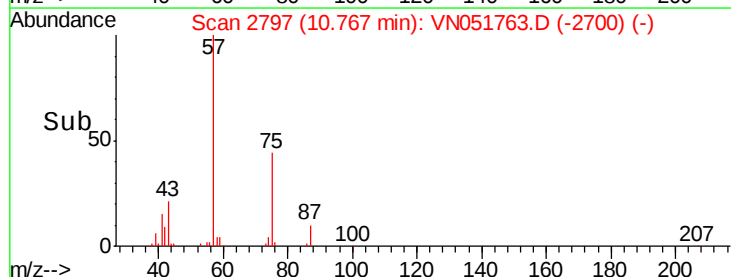
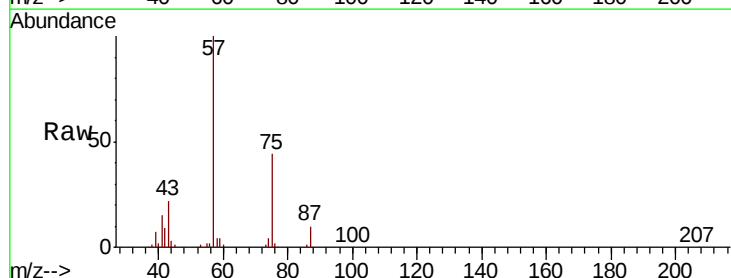
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#03

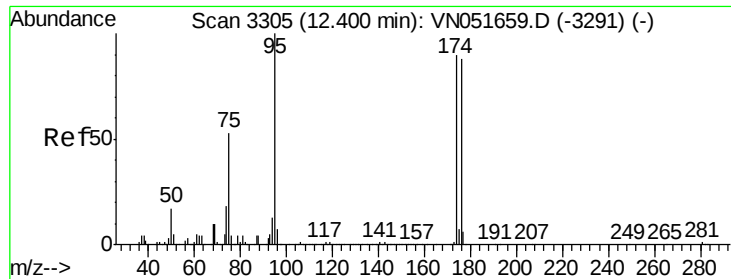
Tot Ion: 75 Resp: 3163
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 34.4 38.1 57.1#



#59
 2-Hexanone
 Concen: 4.884 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN051763.D
 Acq: 9 Oct 2018 21:25

Tgt Ion: 43 Resp: 20066
 Ion Ratio Lower Upper
 43 100
 58 23.8 28.8 86.4#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#03

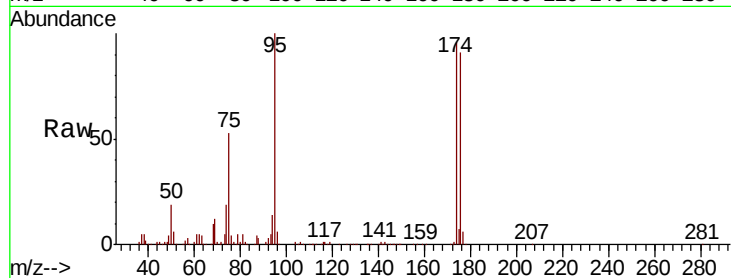
Tot Ion: 95 Resp: 429018

Ion Ratio Lower Upper

95 100

174 95.3 0.0 182.8

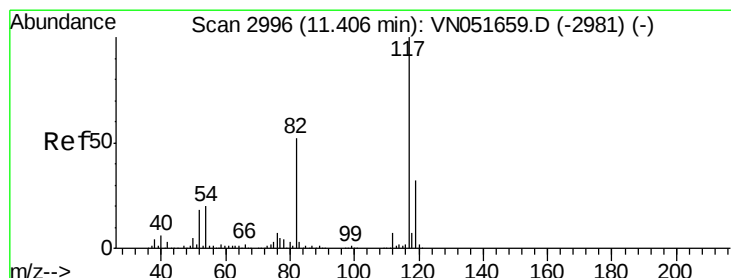
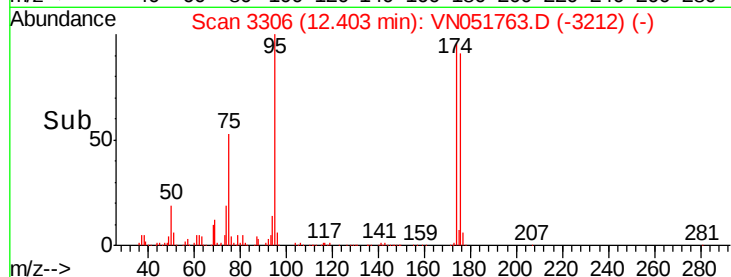
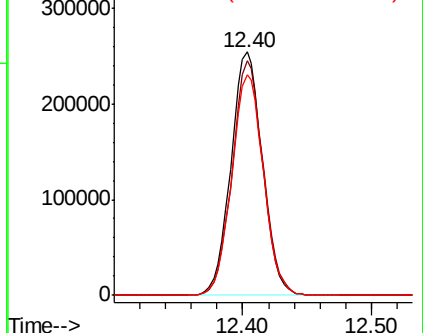
176 91.3 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

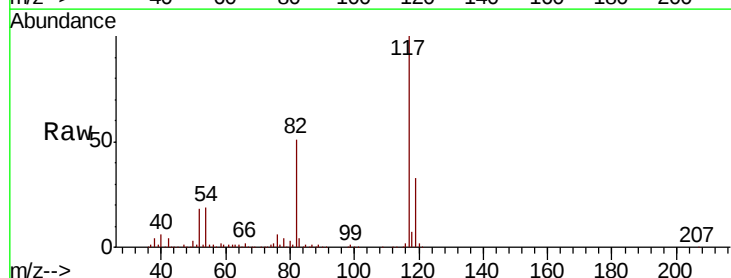
Tgt Ion: 117 Resp: 931410

Ion Ratio Lower Upper

117 100

82 51.2 41.3 61.9

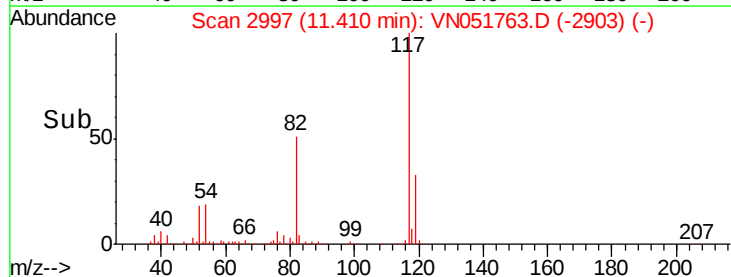
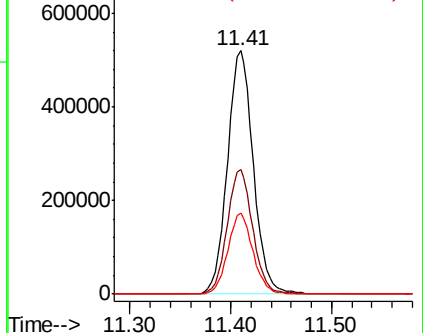
119 33.1 25.9 38.9

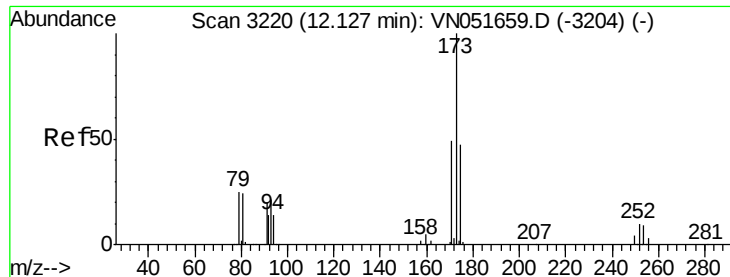


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

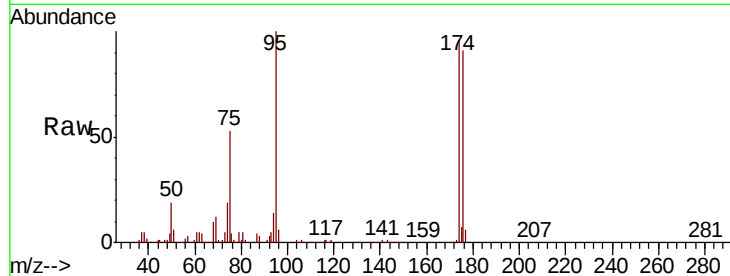




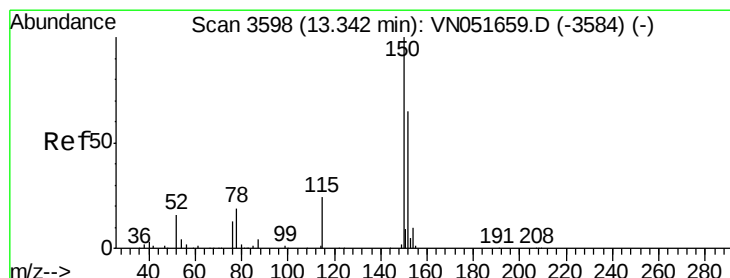
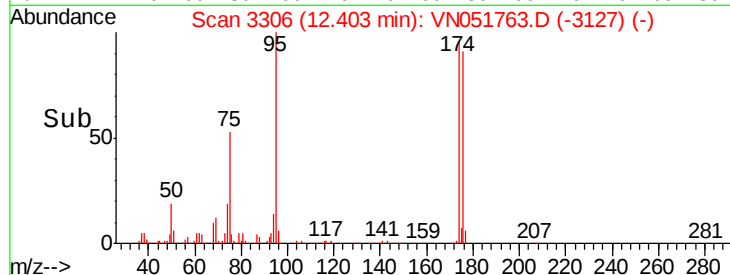
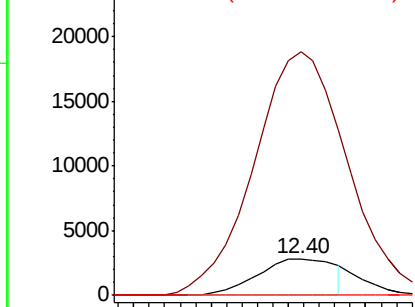
#71
Bromoform
Concen: 0.570 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051763.D
Acq: 9 Oct 2018 21:25

Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#03

Tot Ion:173 Resp: 3914
Ion Ratio Lower Upper
173 100
175 677.2 24.0 72.0#
254 0.0 0.1 0.1#

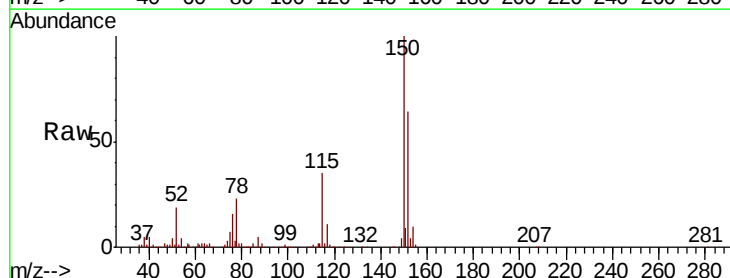


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

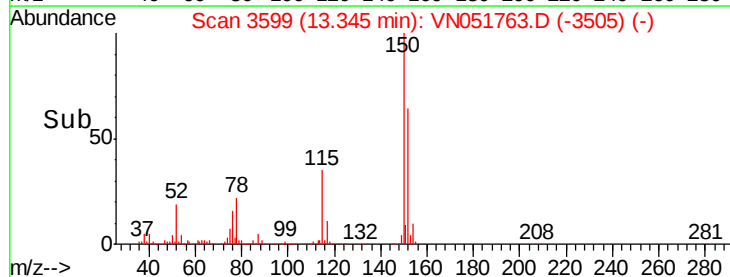
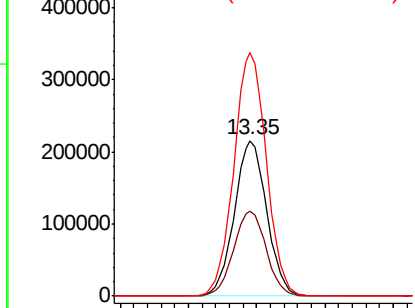


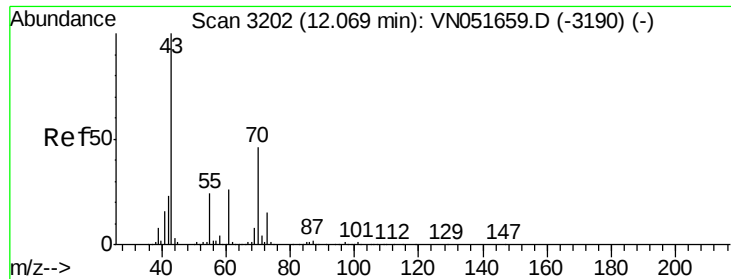
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051763.D
Acq: 9 Oct 2018 21:25

Tgt Ion:152 Resp: 353440
Ion Ratio Lower Upper
152 100
115 55.1 28.6 85.8
150 157.6 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

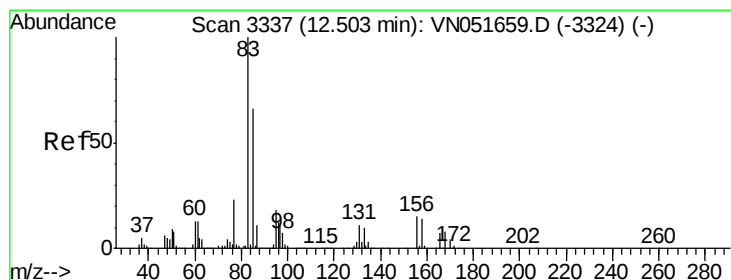
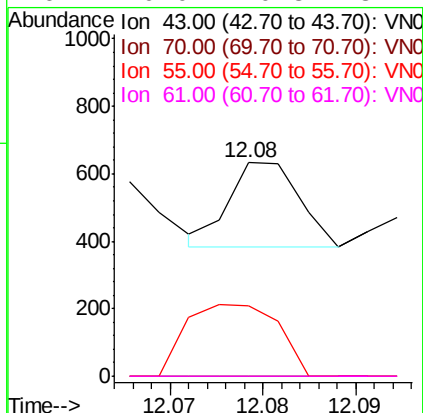
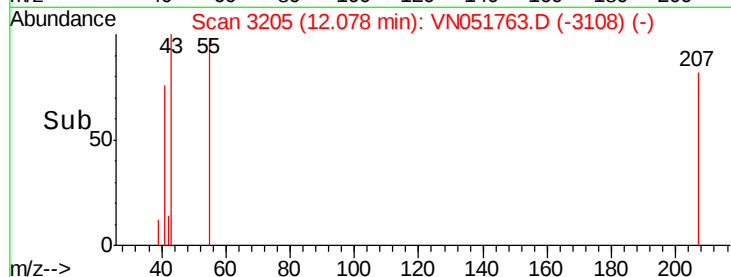
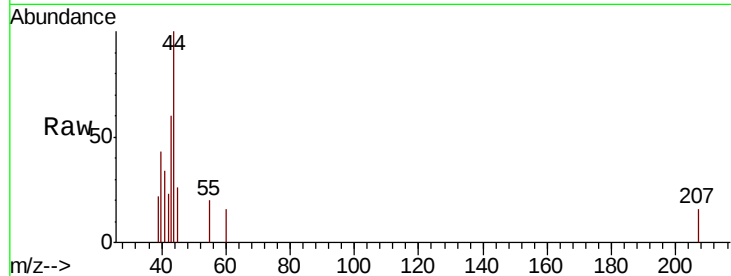




#74
N-amvl acetate
Concen: Below Cal
RT: 12.08 min Scan# 3205
Delta R.T. 0.01 min
Lab File: VN051763.D
Acq: 9 Oct 2018 21:25

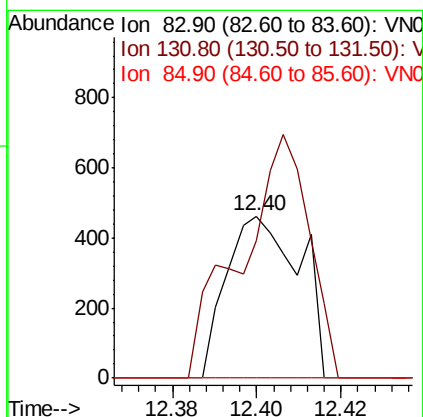
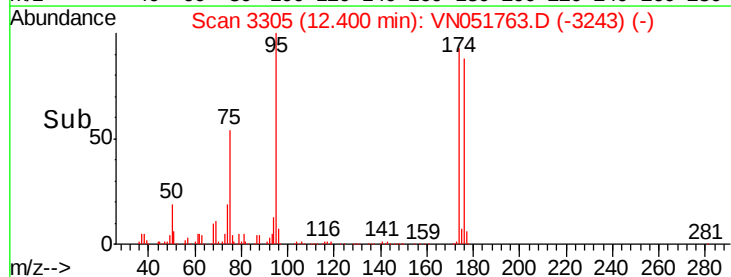
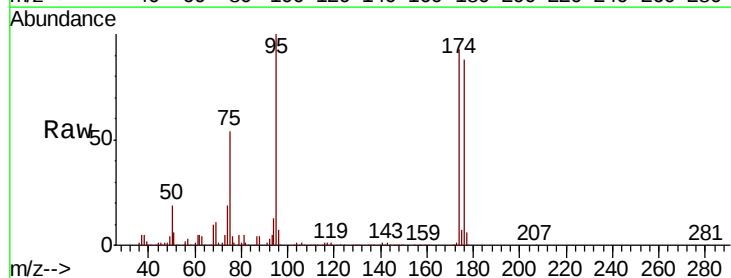
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#03

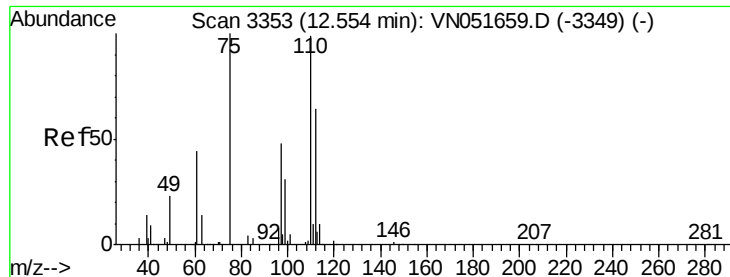
Tot Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
70 0.0 37.1 55.7#
55 112.2 19.1 28.7#
61 0.0 20.8 31.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.40 min Scan# 3305
Delta R.T. -0.10 min
Lab File: VN051763.D
Acq: 9 Oct 2018 21:25

Tgt Ion: 83 Resp: 558
Ion Ratio Lower Upper
83 100
131 140.3 5.7 17.1#
85 0.0 33.0 98.9#





#76

1,2,3-Trichloropropane

Concen: 52.257 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

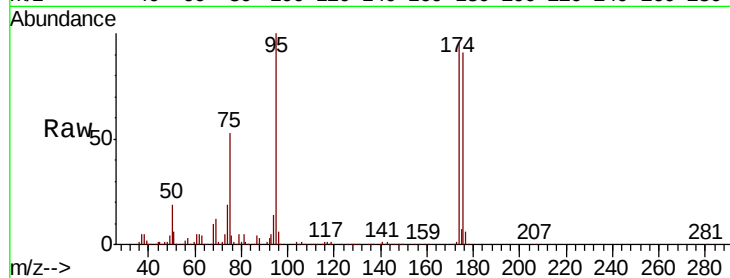
PB113645ZHE#03

Tot Ion: 75 Resp: 228678

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

12.40

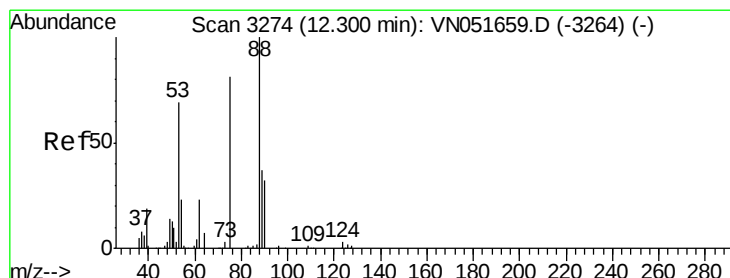
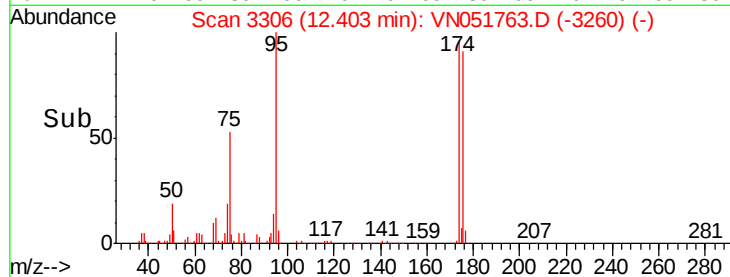
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 118.932 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051763.D

Acq: 9 Oct 2018 21:25

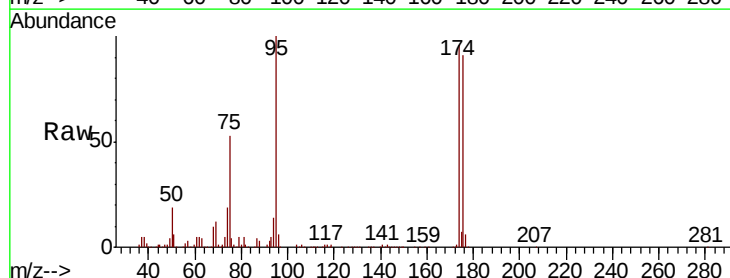
Tgt Ion: 75 Resp: 228678

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): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

12.40

150000

100000

50000

0

Time--> 12.30 12.40 12.50

