

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050957.D
 Acq On : 30 Aug 2018 12:57
 Operator : MD\SY
 Sample : PB112481ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481ZHE#01

Quant Time: Aug 31 01:35:08 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	605218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	986867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	832868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	271280	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	386539	53.05	ug/l	0.00
Spiked Amount			Recovery	=	106.10%	
35) Dibromofluoromethane	7.59	113	375790	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
50) Toluene-d8	10.09	98	1340004	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	
62) 4-Bromofluorobenzene	12.40	95	353014	36.19	ug/l	0.00
Spiked Amount			Recovery	=	72.38%	

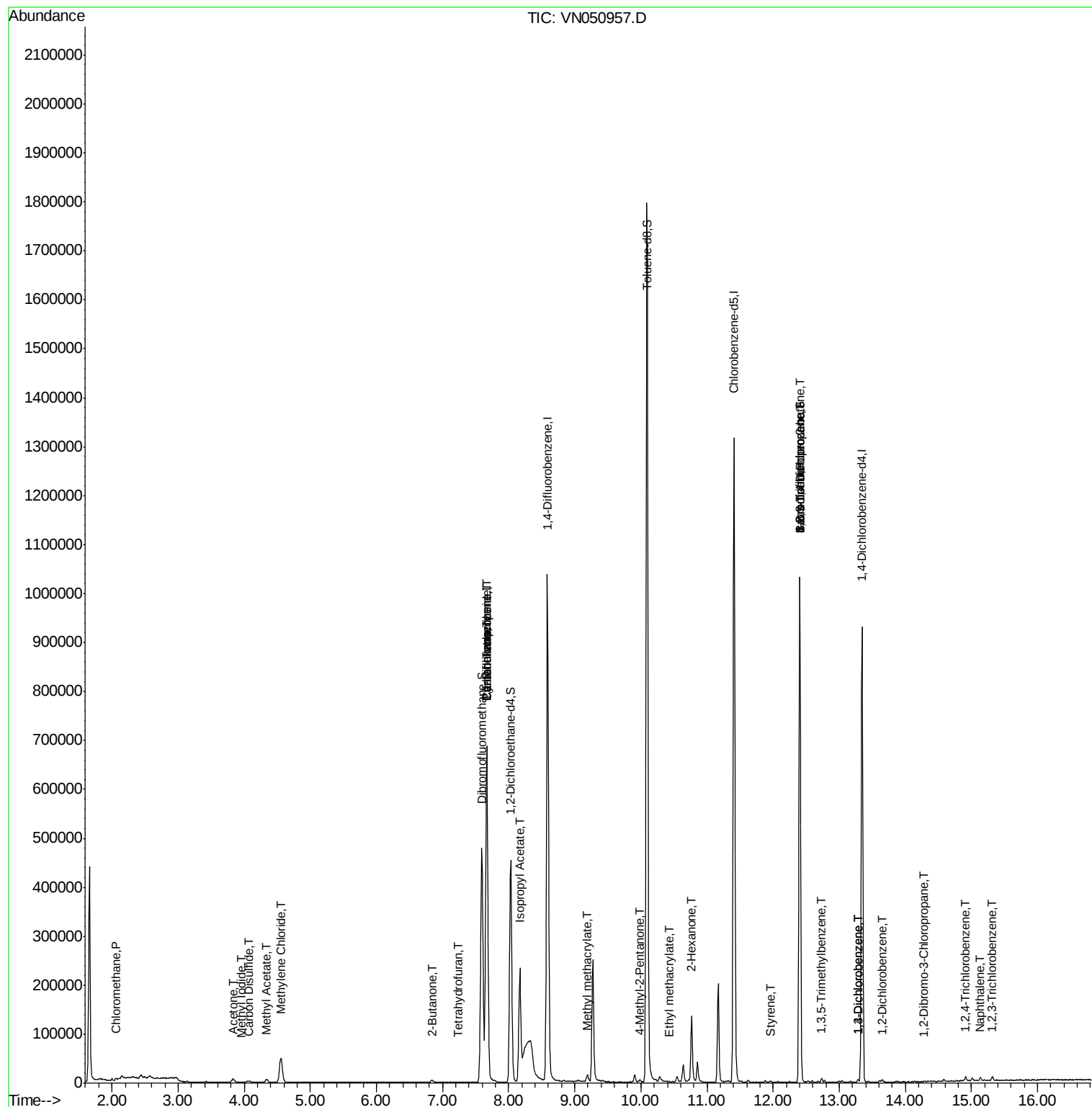
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2406	0.24	ug/l	92
5) Bromomethane	2.57	94	2733	Below Cal		93
10) Methyl Iodide	3.95	142	760	6.44	ug/l #	46
16) Acetone	3.83	43	13154	0.58	ug/l	96
17) Carbon Disulfide	4.05	76	5039	0.22	ug/l #	75
18) Methyl Acetate	4.34	43	11893	1.73	ug/l	95
20) Methylene Chloride	4.56	84	41252	5.02	ug/l	95
25) 2-Butanone	6.85	43	2921	0.99	ug/l #	83
29) Tetrahydrofuran	7.23	42	638	0.38	ug/l #	59
31) Cyclohexane	7.67	56	11120	1.36	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40193	3.45	ug/l #	48
38) Carbon Tetrachloride	7.67	117	52823	4.49	ug/l #	18
43) Isopropyl Acetate	8.17	43	274665	23.88	ug/l	99
48) Methyl methacrylate	9.19	41	8664	1.48	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	2810	0.41	ug/l	95
56) Ethyl methacrylate	10.43	69	220	2.37	ug/l #	49
59) 2-Hexanone	10.77	43	19887	4.35	ug/l #	60
70) Styrene	11.96	104	1382	1.33	ug/l #	85
71) Bromoform	12.40	173	2418	0.44	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.50	83	553	Below Cal	#	79
76) 1,2,3-Trichloropropane	12.40	75	165287	34.79	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	3975	0.22	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.40	75	165287	117.60	ug/l #	15
87) 1,3-Dichlorobenzene	13.28	146	2195	0.21	ug/l	93
88) 1,4-Dichlorobenzene	13.28	146	2195	0.22	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	2269	0.23	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	266	0.33	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	2865	4.59	ug/l	98
94) Hexachlorobutadiene	15.01	225	1414	Below Cal		88
95) Naphthalene	15.13	128	6714	5.95	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.32	180	3433	3.95	ug/l	98

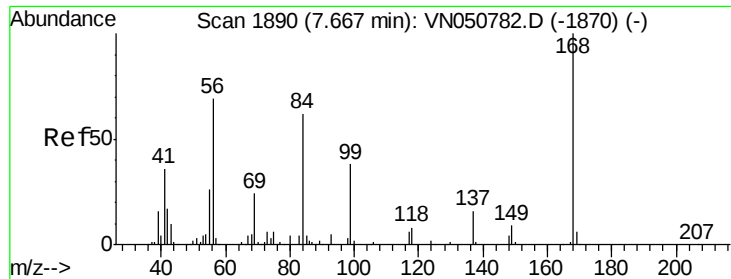
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

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ClientSampleId :

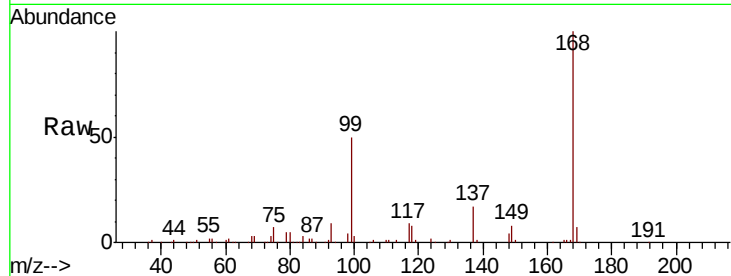
PB112481ZHE#01

Tot Ion:168 Resp: 605218

Ion Ratio Lower Upper

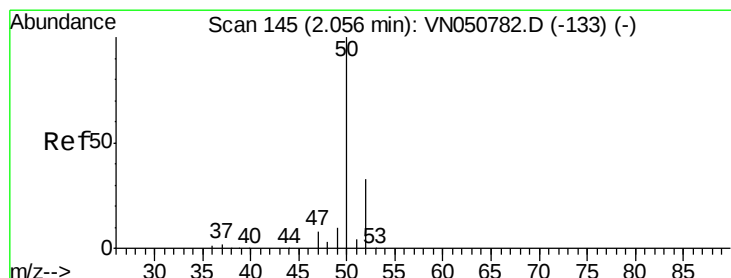
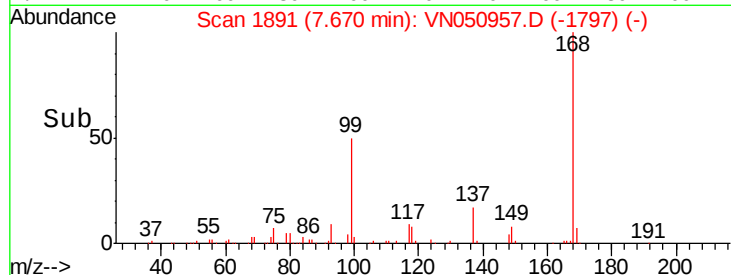
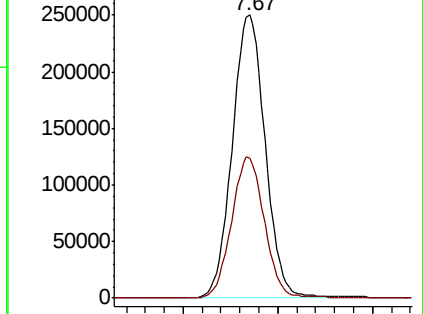
168 100

99 49.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.24 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050957.D

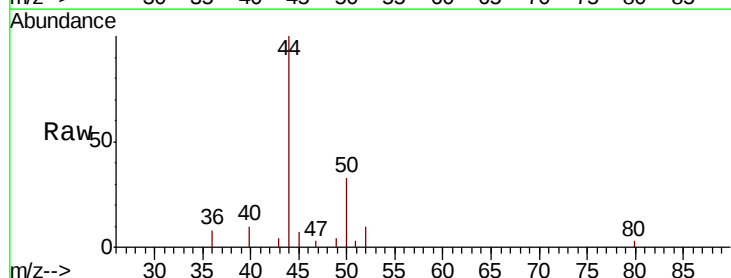
Acq: 30 Aug 2018 12:57

Tgt Ion: 50 Resp: 2406

Ion Ratio Lower Upper

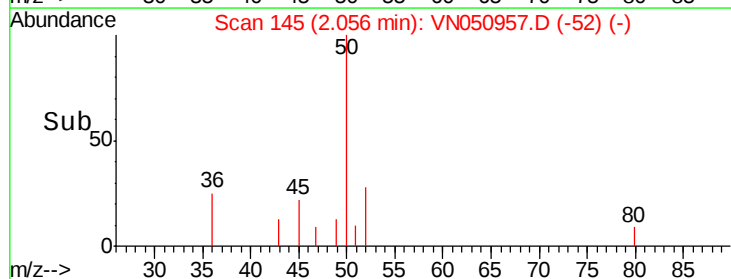
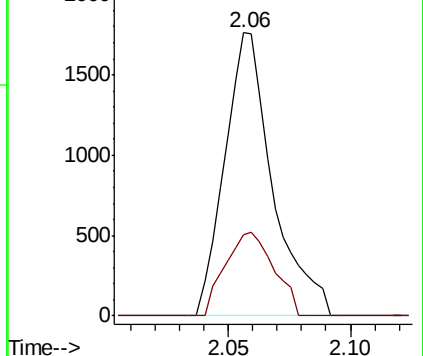
50 100

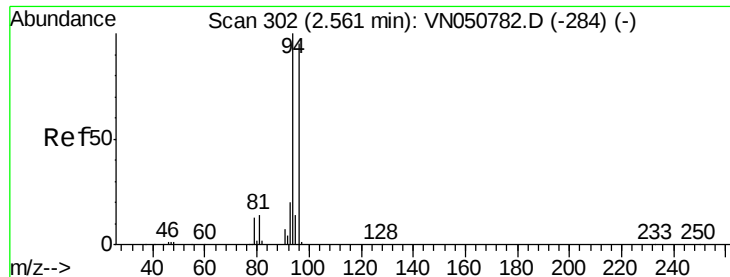
52 28.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

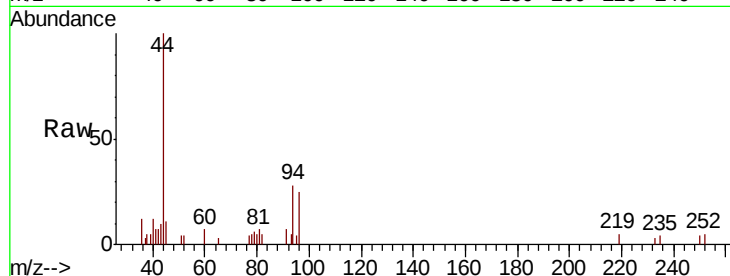
PB112481ZHE#01

Tot Ion: 94 Resp: 2733

Ion Ratio Lower Upper

94 100

96 88.8 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050782.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050782.D (-284) (-)

2.57

1500

1000

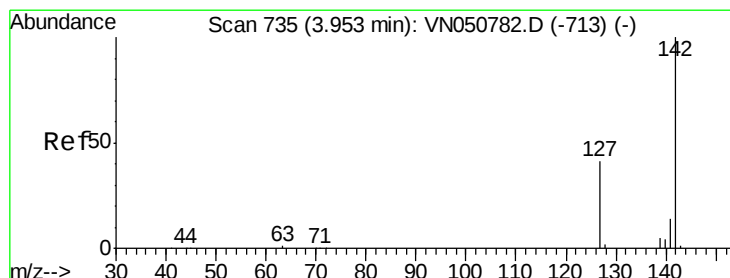
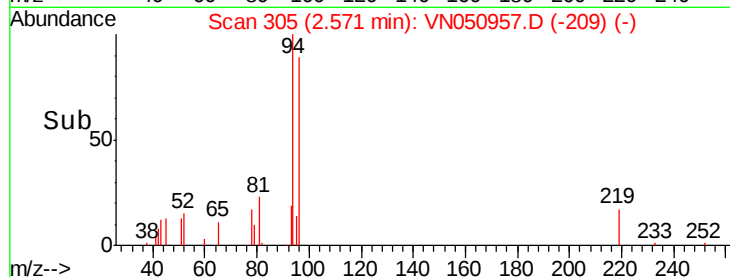
500

0

2.55

2.60

Time-->



#10

Methyl Iodide

Concen: 6.44 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

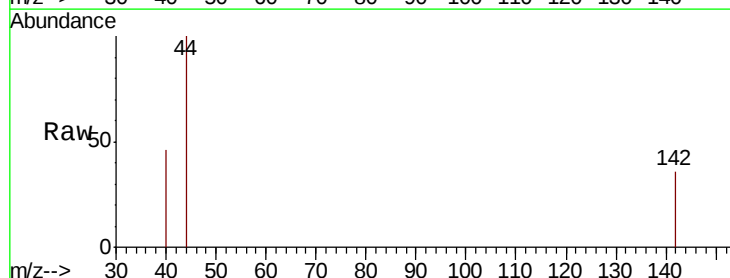
Tgt Ion: 142 Resp: 760

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

141 3.9 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): VN050782.D (-713) (-)

Ion 126.80 (126.50 to 127.50): VN050782.D (-713) (-)

Ion 140.80 (140.50 to 141.50): VN050782.D (-713) (-)

600

500

400

300

200

100

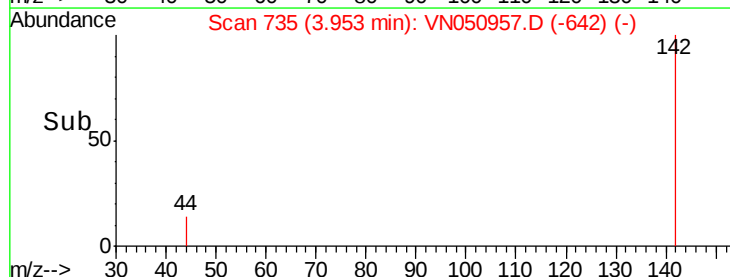
0

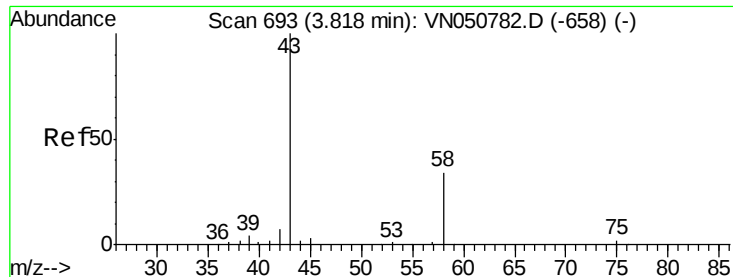
3.92

3.94

3.96

Time-->





#16

Acetone

Concen: 0.58 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

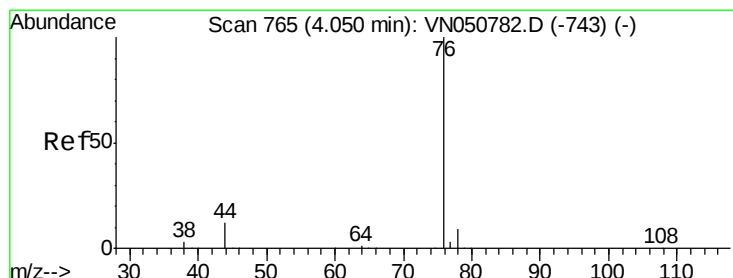
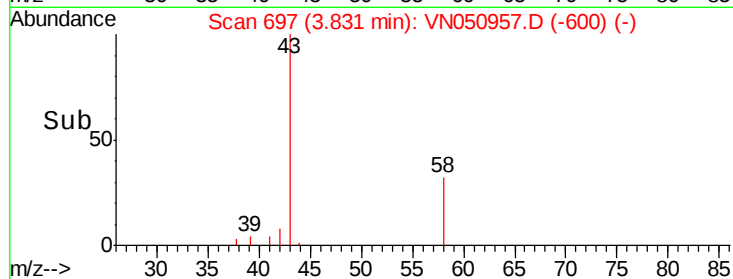
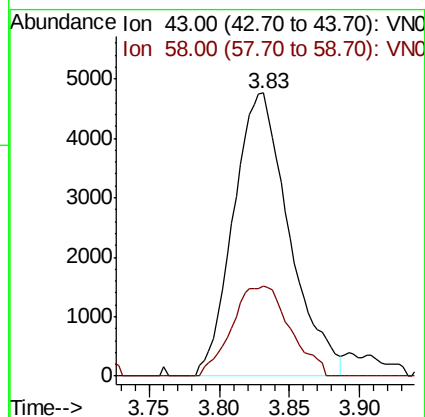
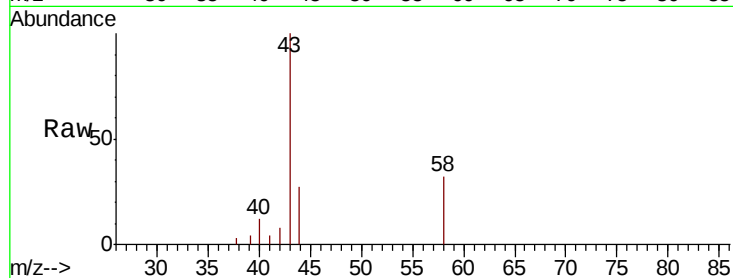
PB112481ZHE#01

Tot Ion: 43 Resp: 13154

Ion Ratio Lower Upper

43 100

58 31.6 27.2 40.8



#17

Carbon Disulfide

Concen: 0.22 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN050957.D

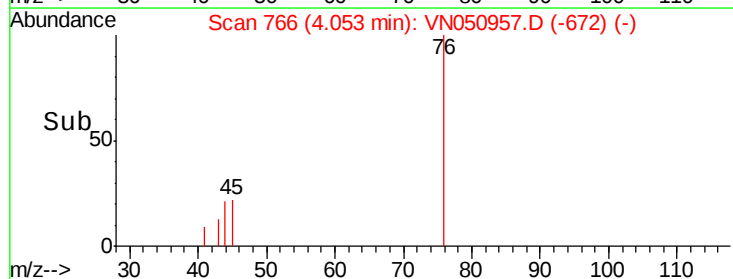
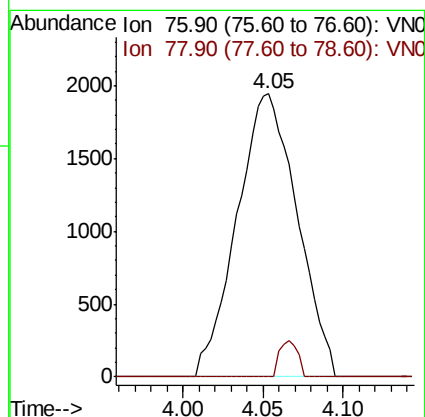
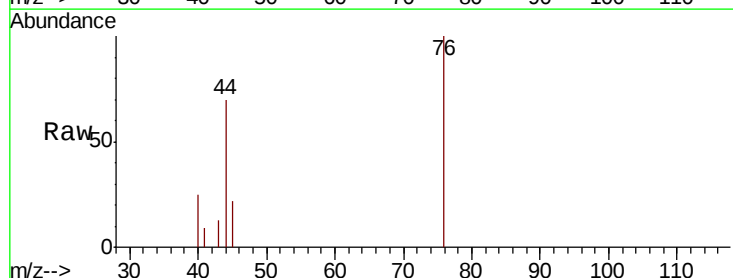
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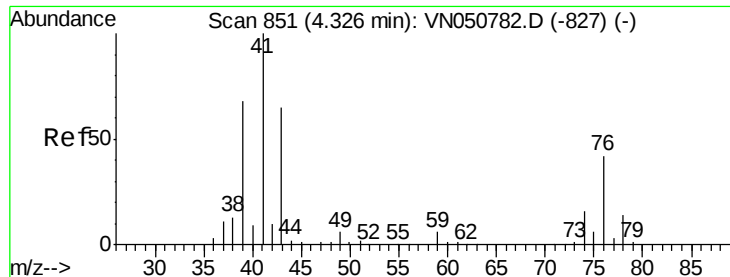
Tgt Ion: 76 Resp: 5039

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#

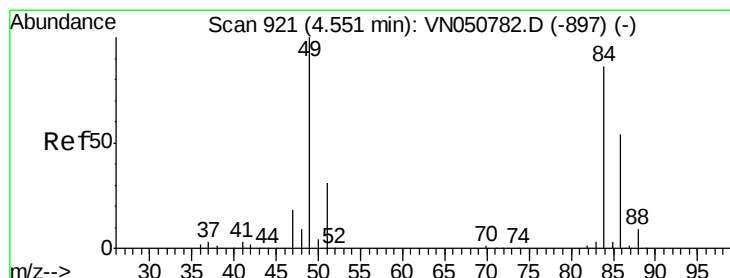
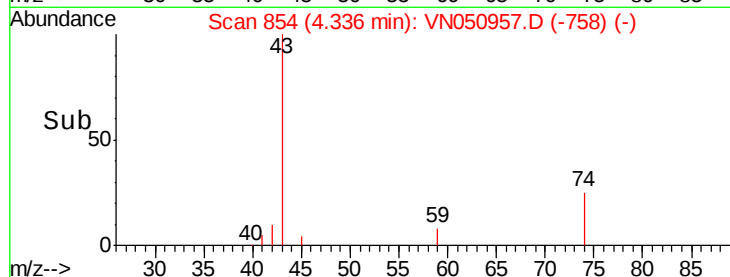
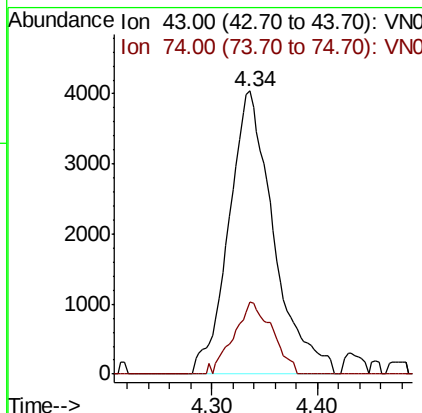
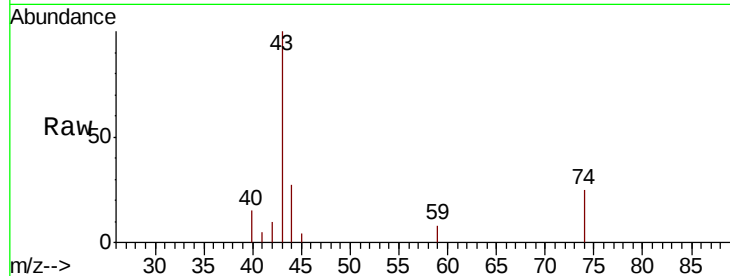




#18
Methyl Acetate
Concen: 1.73 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050957.D
Acq: 30 Aug 2018 12:57

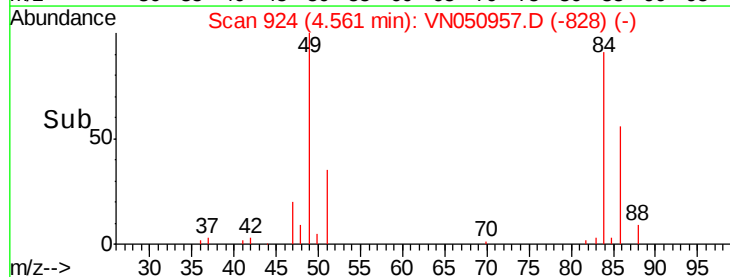
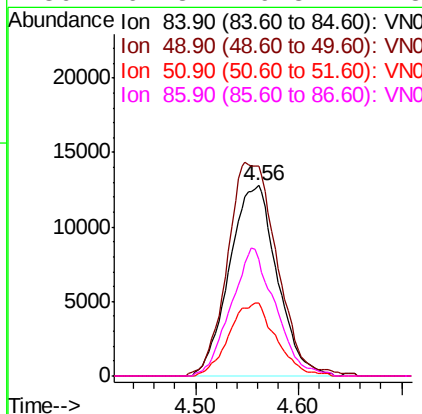
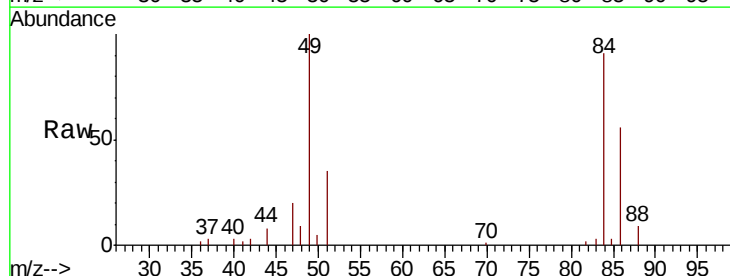
Instrument :
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ClientSampleId :
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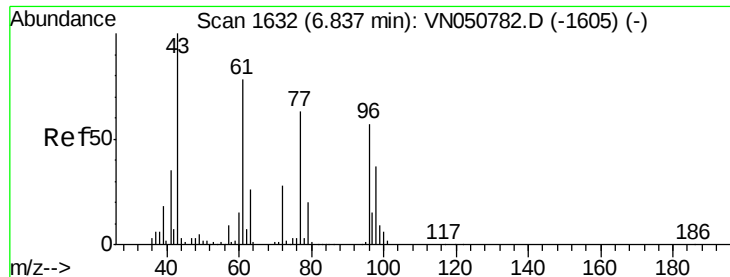
Tot Ion: 43 Resp: 11893
Ion Ratio Lower Upper
43 100
74 22.1 19.8 29.8



#20
Methylene Chloride
Concen: 5.02 ug/l
RT: 4.56 min Scan# 924
Delta R.T. 0.01 min
Lab File: VN050957.D
Acq: 30 Aug 2018 12:57

Tgt Ion: 84 Resp: 41252
Ion Ratio Lower Upper
84 100
49 108.5 93.2 139.8
51 38.4 29.0 43.6
86 61.3 49.8 74.8

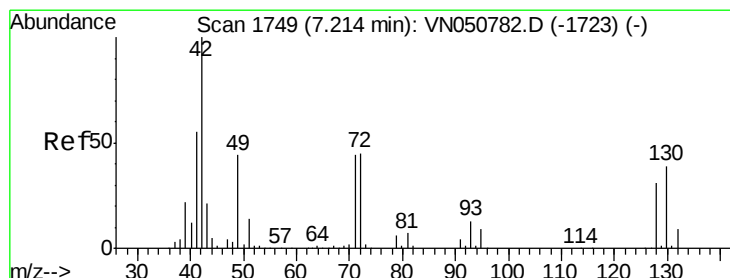
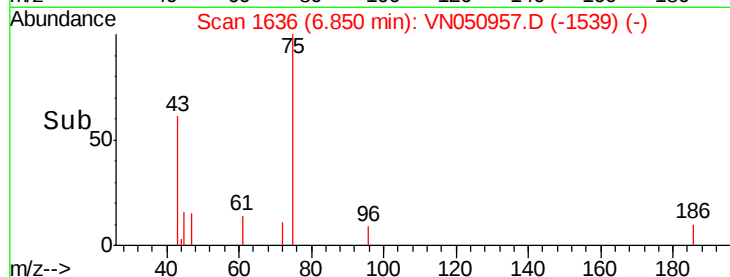
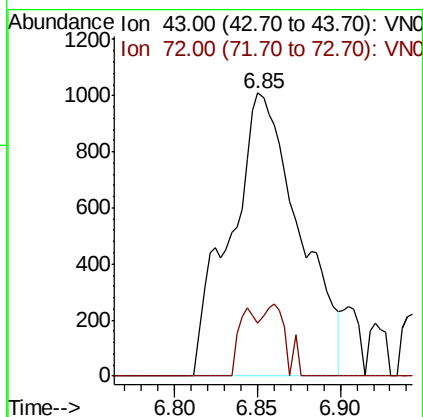
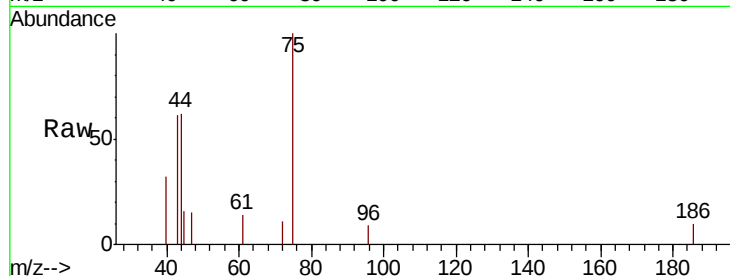




#25
2-Butanone
Concen: 0.99 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050957.D
Acq: 30 Aug 2018 12:57

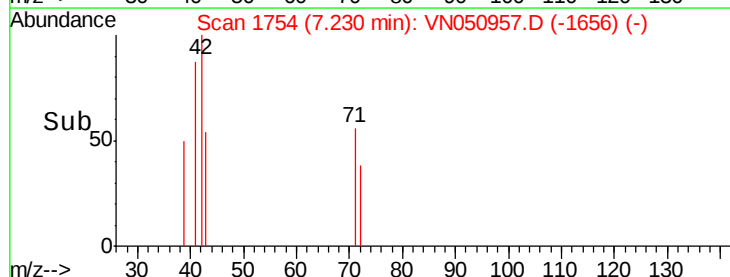
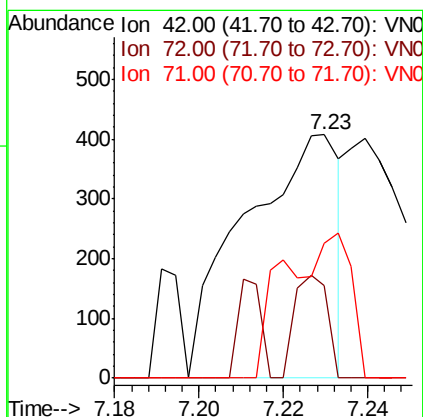
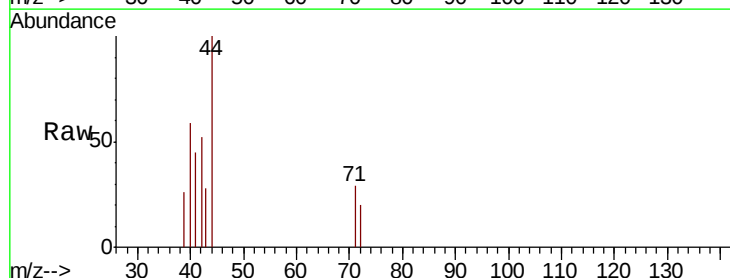
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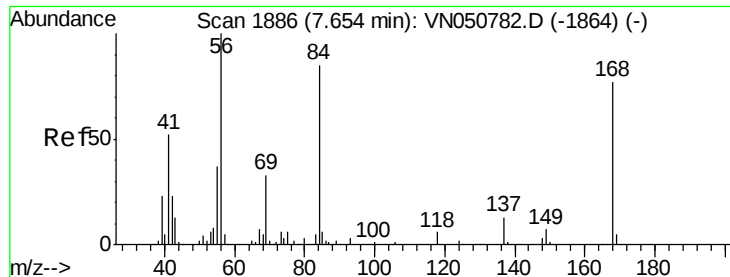
Tot Ion: 43 Resp: 2921
Ion Ratio Lower Upper
43 100
72 18.7 22.3 33.5#



#29
Tetrahydrofuran
Concen: 0.38 ug/l
RT: 7.23 min Scan# 1754
Delta R.T. 0.02 min
Lab File: VN050957.D
Acq: 30 Aug 2018 12:57

Tgt Ion: 42 Resp: 638
Ion Ratio Lower Upper
42 100
72 14.4 35.5 53.3#
71 19.9 33.7 50.5#

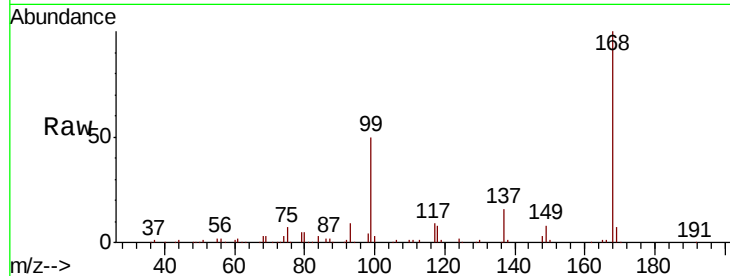




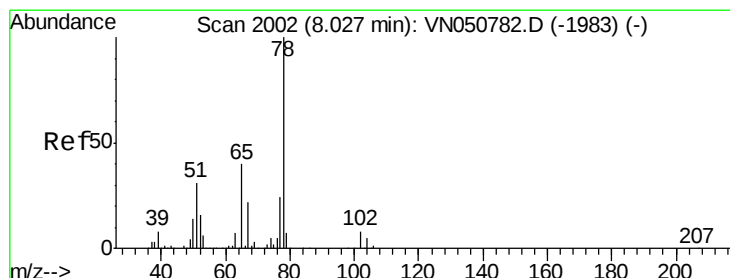
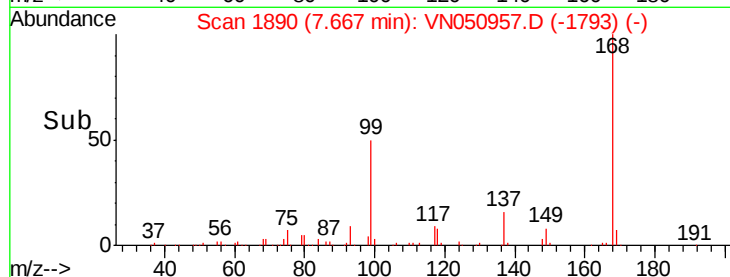
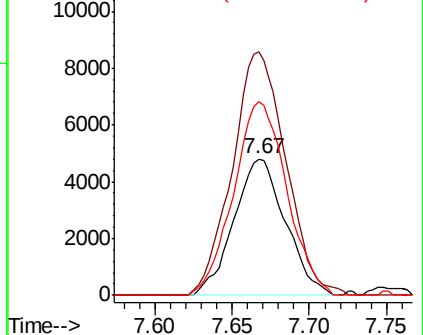
#31
Cyclohexane
Concen: 1.36 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050957.D
Acq: 30 Aug 2018 12:57

Instrument :
MSVOA_N
ClientSampleId :
PB112481ZHE#01

Tot Ion: 56 Resp: 11120
Ion Ratio Lower Upper
56 100
69 178.8 26.2 39.4#
84 142.5 68.3 102.5#

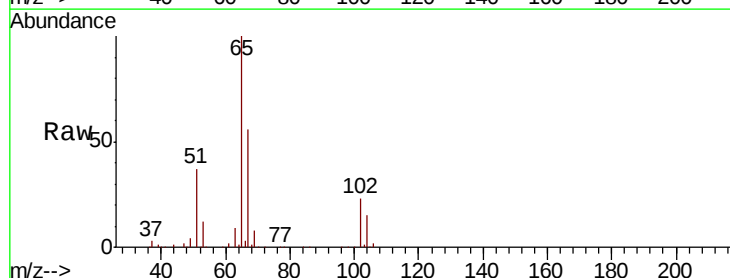


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

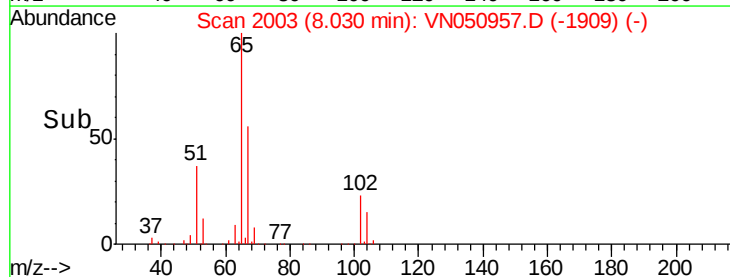
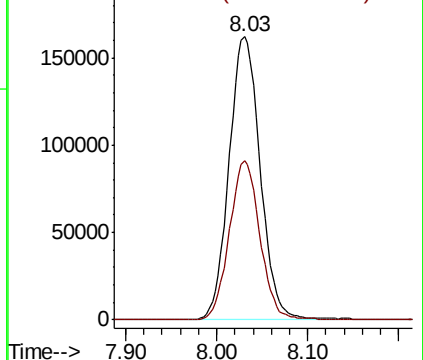


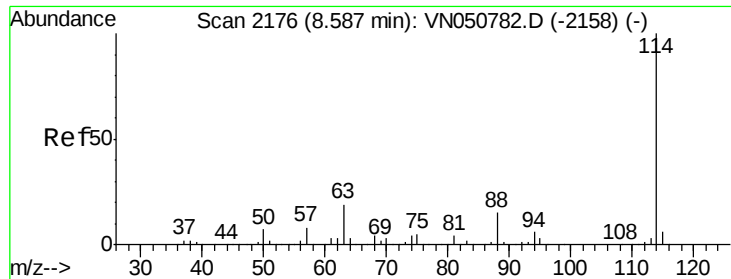
#33
1,2-Dichloroethane-d4
Concen: 53.05 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050957.D
Acq: 30 Aug 2018 12:57

Tgt Ion: 65 Resp: 386539
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.4



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

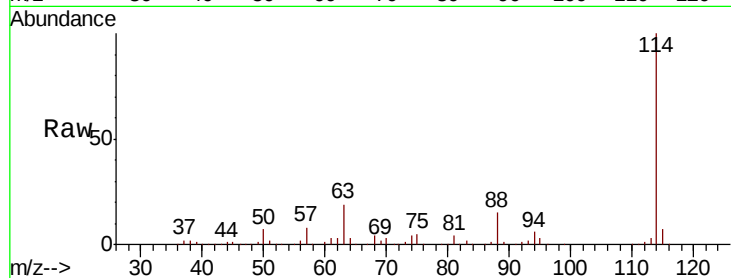




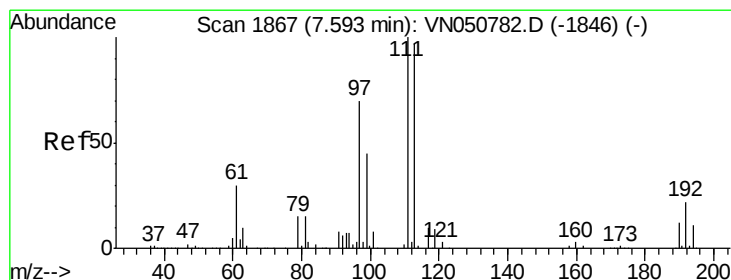
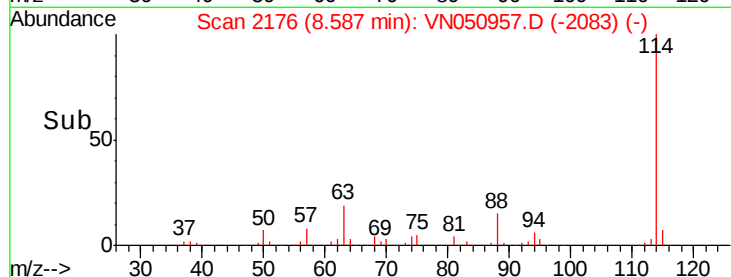
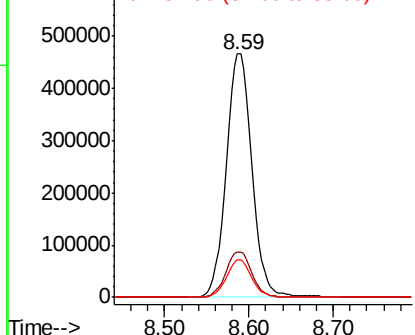
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050957.D
 Acq: 30 Aug 2018 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481ZHE#01

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.6
88	15.3	0.0	30.6

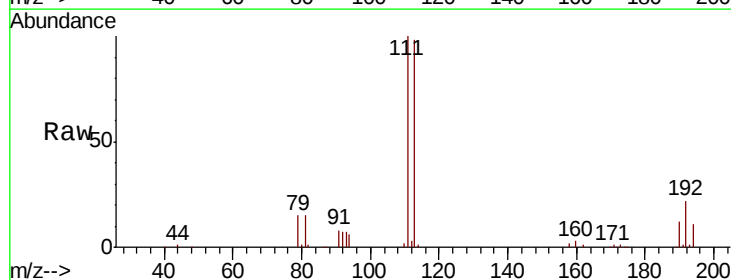


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

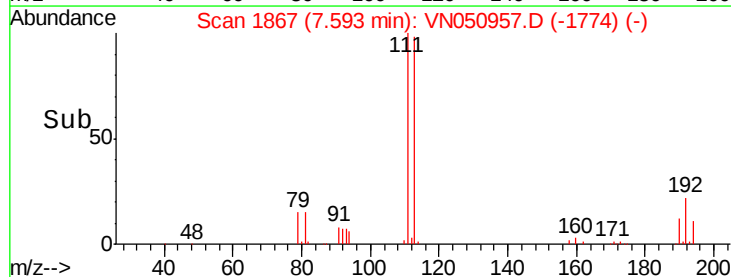
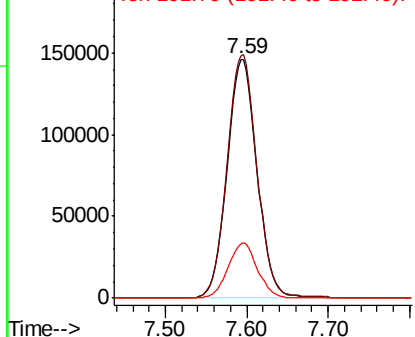


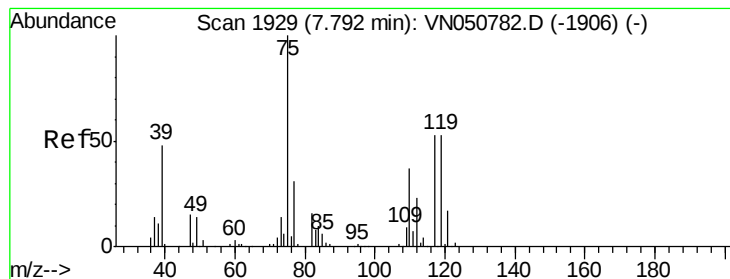
#35
 Dibromofluoromethane
 Concen: 47.86 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050957.D
 Acq: 30 Aug 2018 12:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	123.8
192	22.7	18.0	27.0



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: 3.45 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.12 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

PB112481ZHE#01

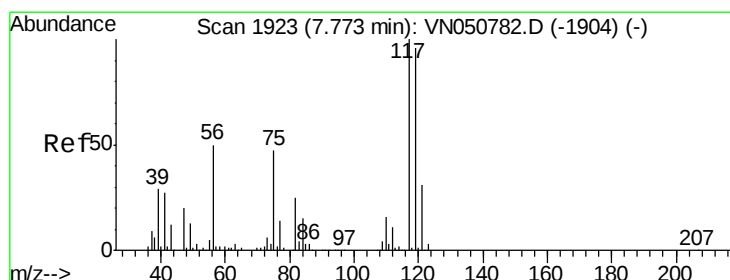
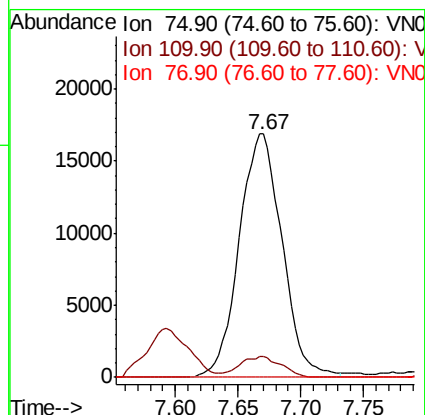
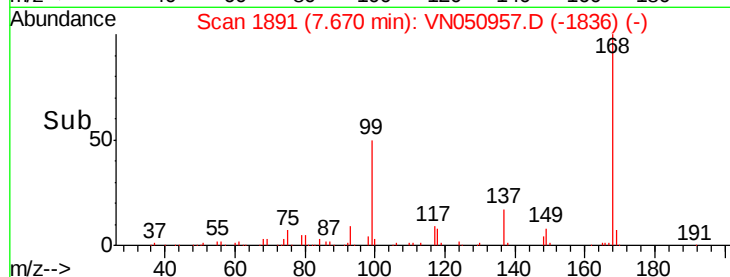
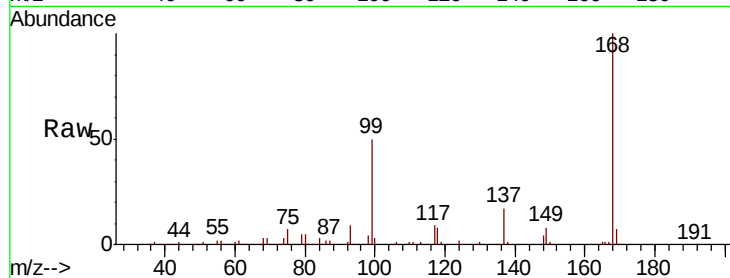
Tot Ion: 75 Resp: 40193

Ion Ratio Lower Upper

75 100

110 8.3 18.1 54.4#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 4.49 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

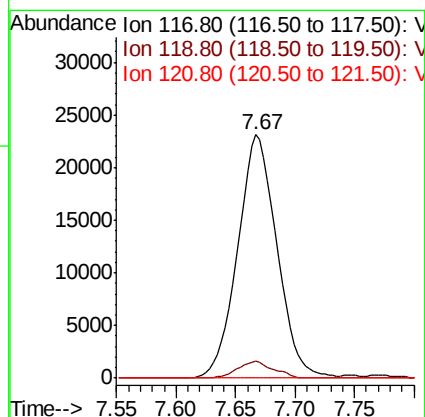
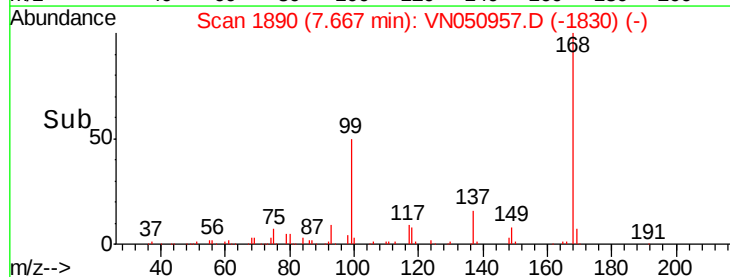
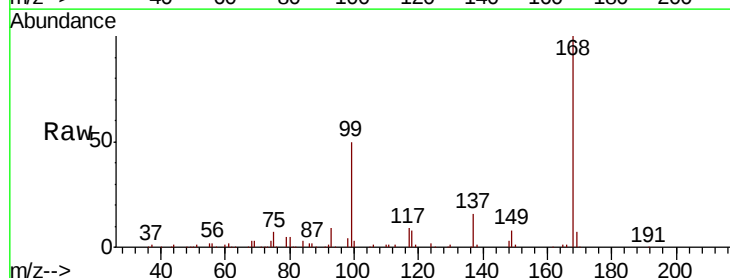
Tgt Ion: 117 Resp: 52823

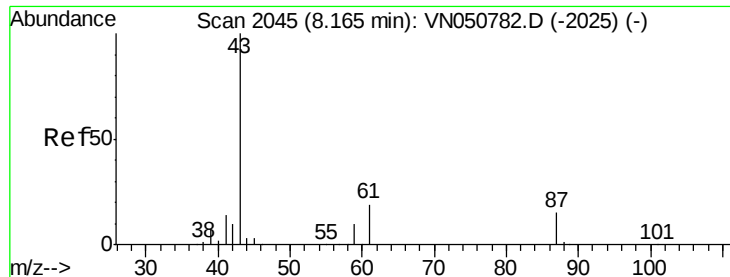
Ion Ratio Lower Upper

117 100

119 6.9 76.3 114.5#

121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 23.88 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

PB112481ZHE#01

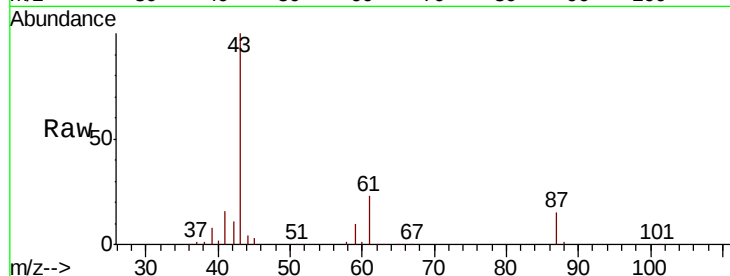
Tot Ion: 43 Resp: 274665

Ion Ratio Lower Upper

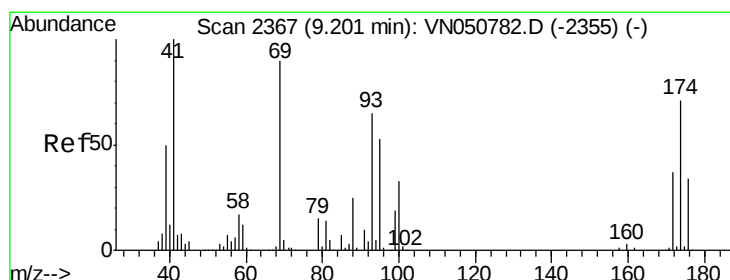
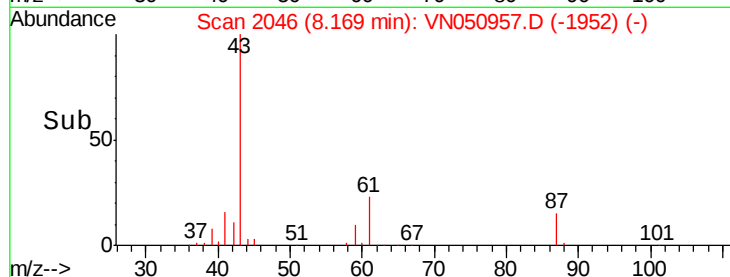
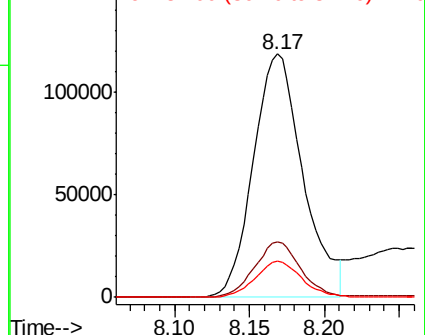
43 100

61 21.5 17.5 26.3

87 13.9 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 1.48 ug/l

RT: 9.19 min Scan# 2363

Delta R.T. -0.01 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

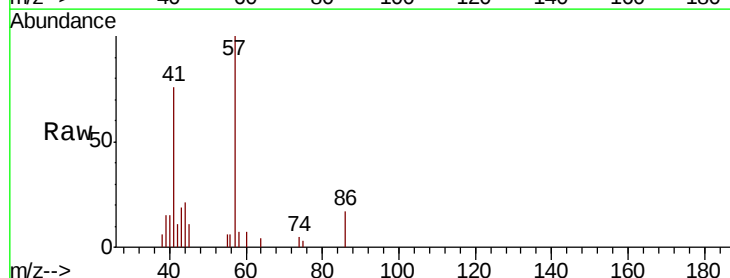
Tgt Ion: 41 Resp: 8664

Ion Ratio Lower Upper

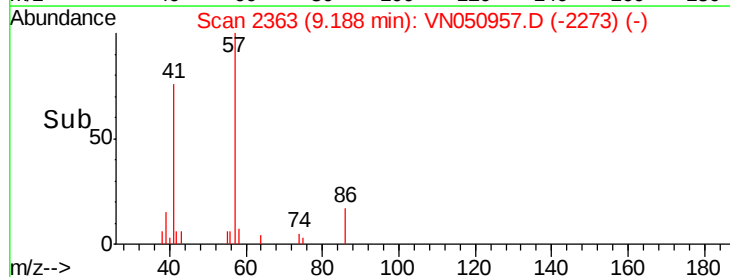
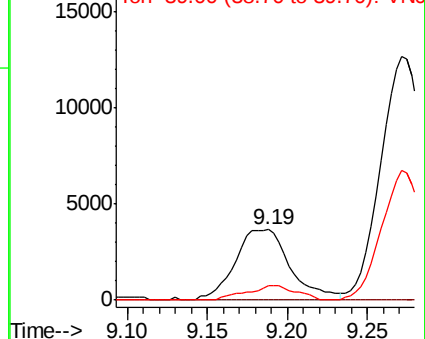
41 100

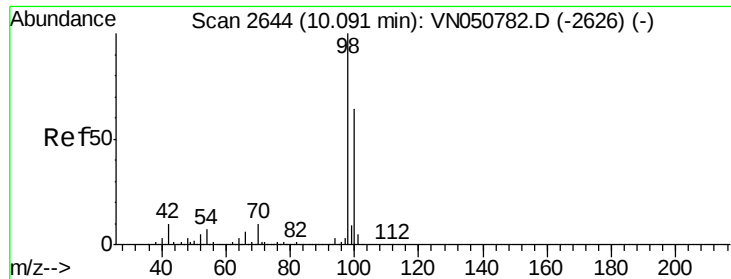
69 0.0 74.7 112.1#

39 18.4 42.2 63.2#



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

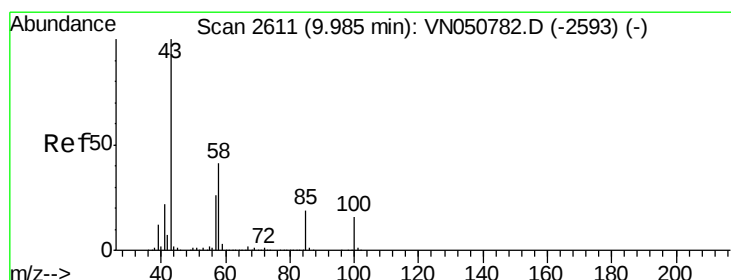
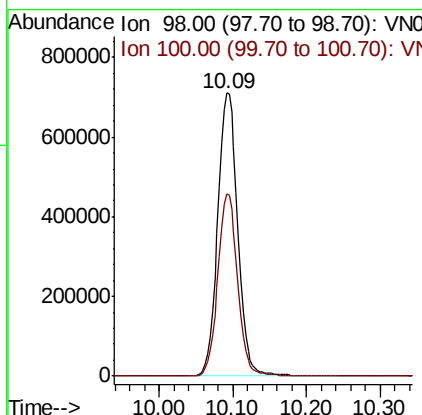
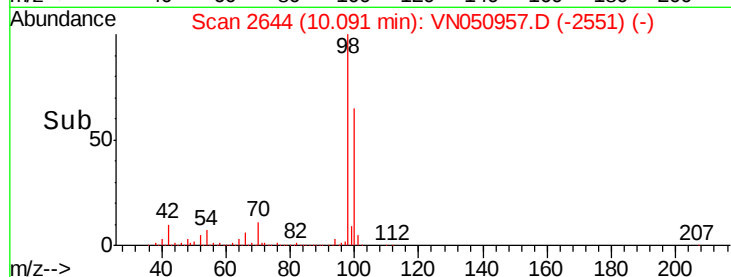
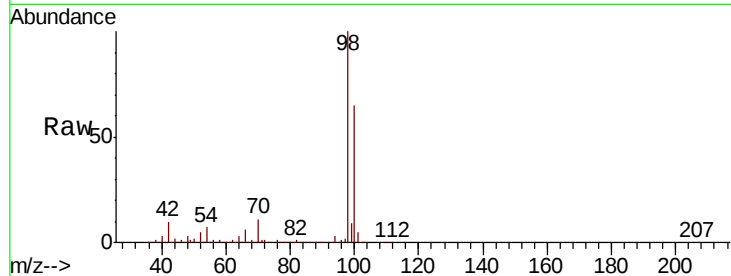




#50
Toluene-d8
Concen: 45.65 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050957.D
Acq: 30 Aug 2018 12:57

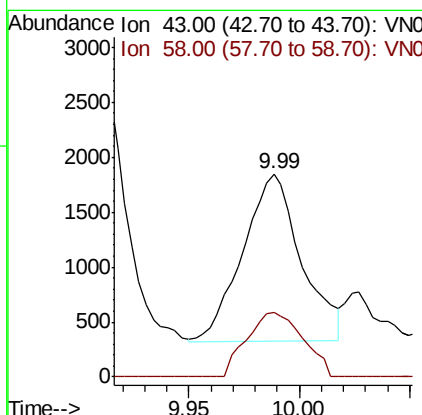
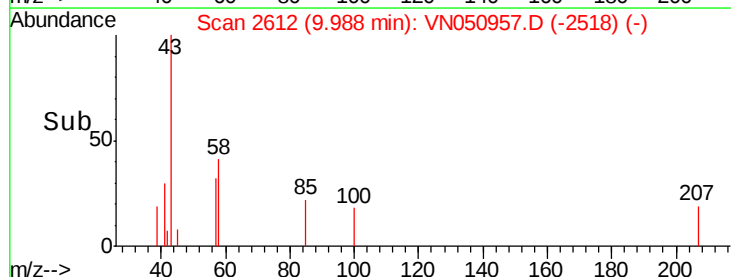
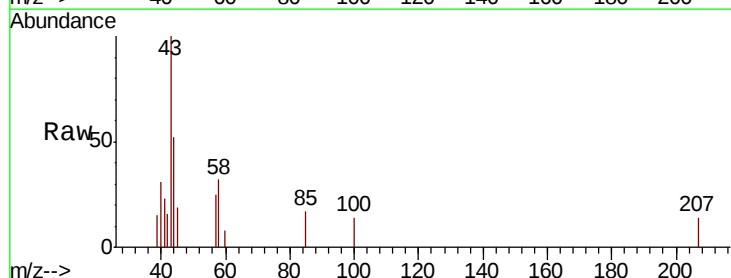
Instrument :
MSVOA_N
ClientSampleId :
PB112481ZHE#01

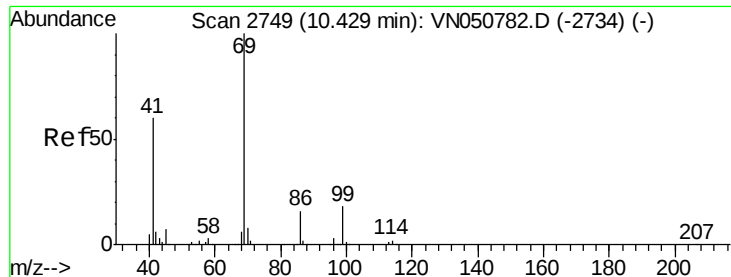
Tot Ion: 98 Resp: 1340004
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.41 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050957.D
Acq: 30 Aug 2018 12:57

Tgt Ion: 43 Resp: 2810
Ion Ratio Lower Upper
43 100
58 37.2 32.4 48.6





#56

Ethyl methacrylate

Concen: 2.37 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

PB112481ZHE#01

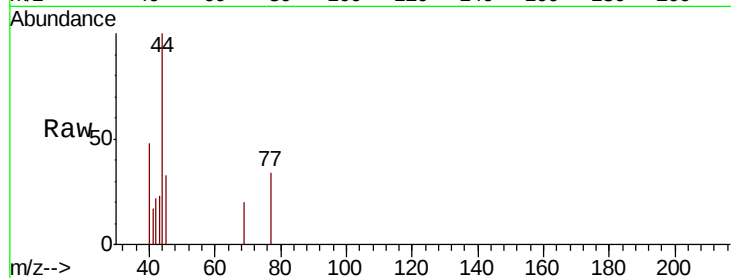
Tot Ion: 69 Resp: 220

Ion Ratio Lower Upper

69 100

41 97.3 48.3 72.5#

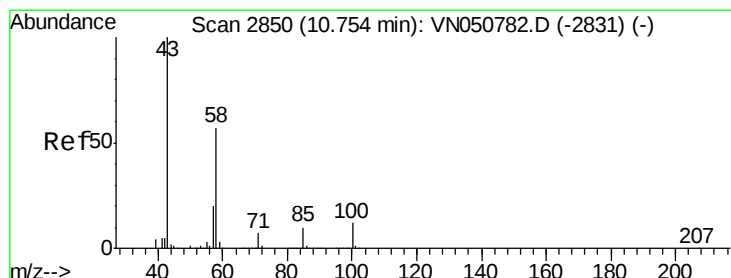
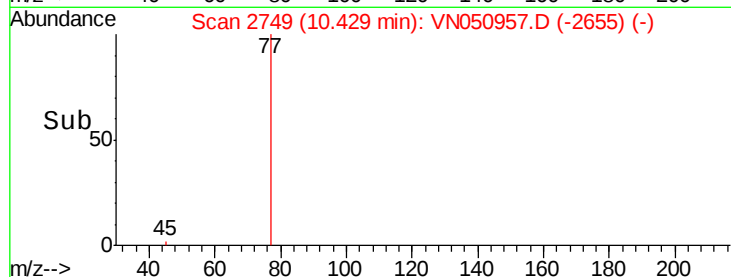
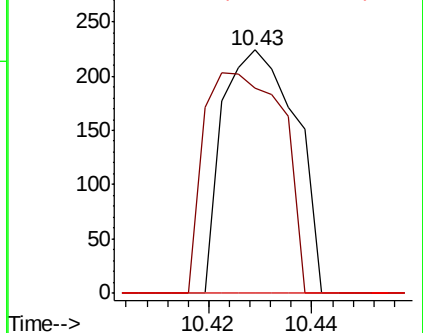
39 0.0 24.0 36.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 4.35 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050957.D

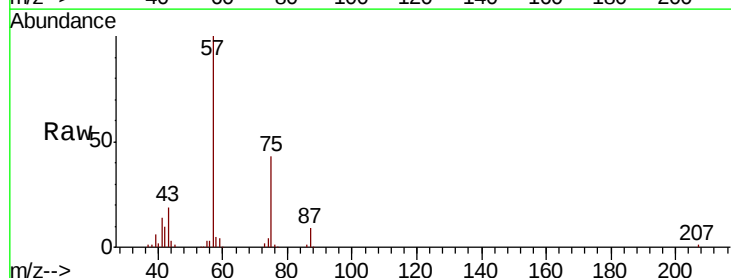
Acq: 30 Aug 2018 12:57

Tgt Ion: 43 Resp: 19887

Ion Ratio Lower Upper

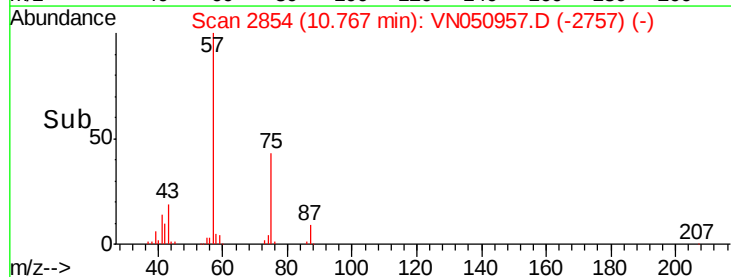
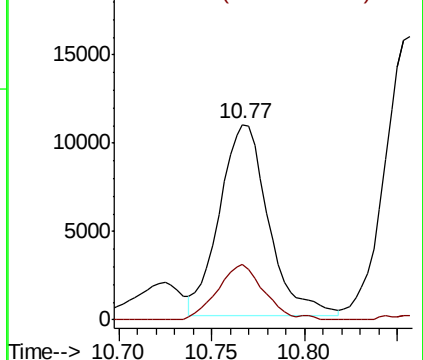
43 100

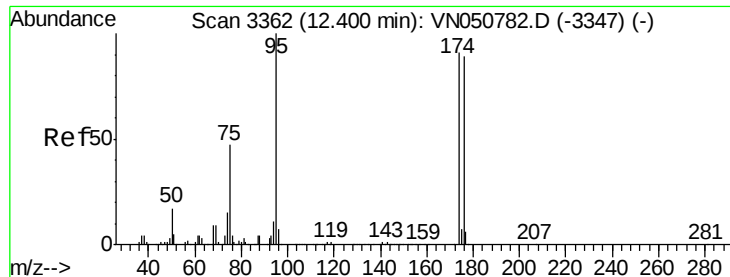
58 27.6 28.3 85.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 36.19 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

PB112481ZHE#01

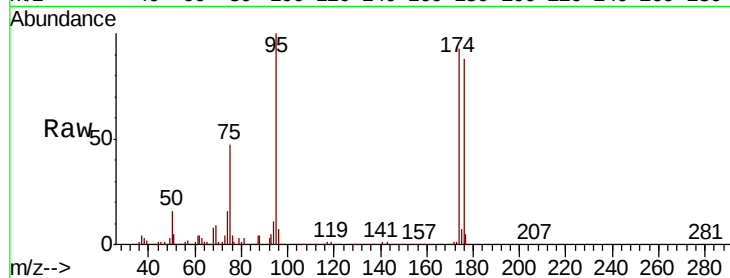
Tot Ion: 95 Resp: 353014

Ion Ratio Lower Upper

95 100

174 93.8 0.0 183.0

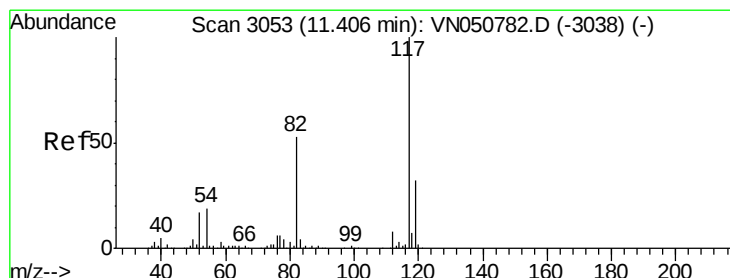
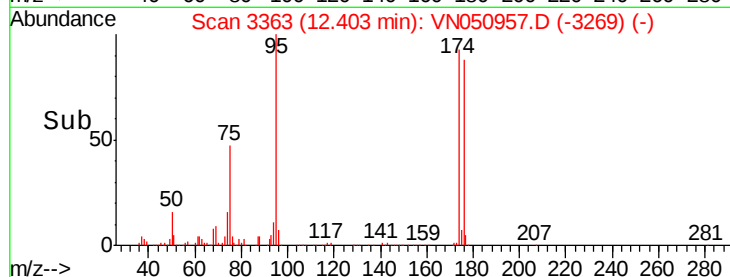
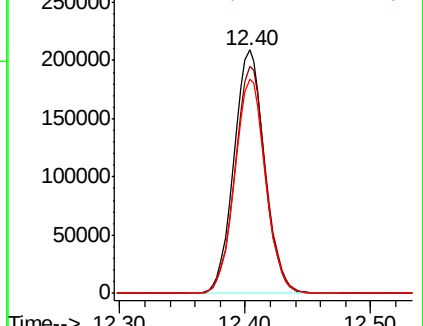
176 88.7 0.0 178.8



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: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

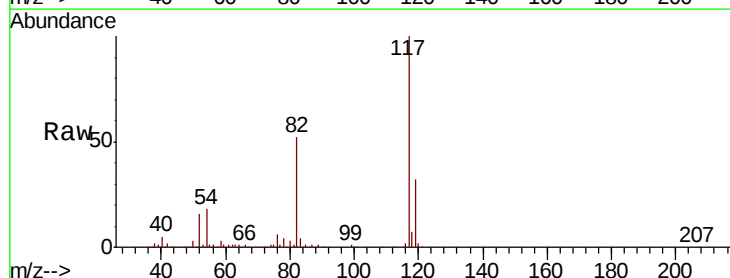
Tgt Ion: 117 Resp: 832868

Ion Ratio Lower Upper

117 100

82 52.3 42.6 64.0

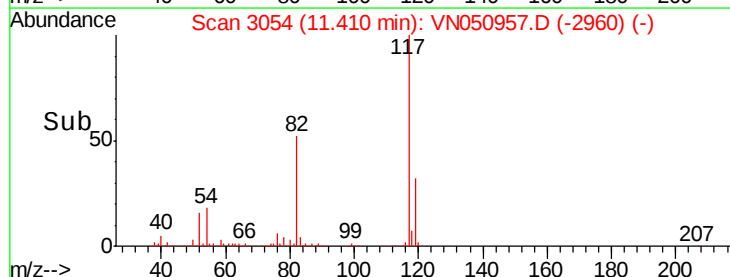
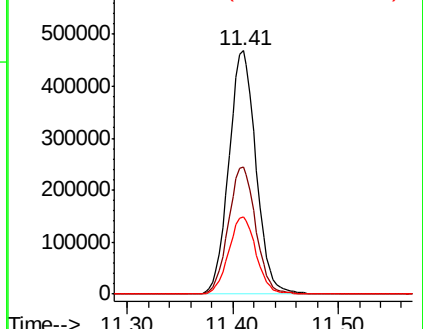
119 31.8 25.8 38.6

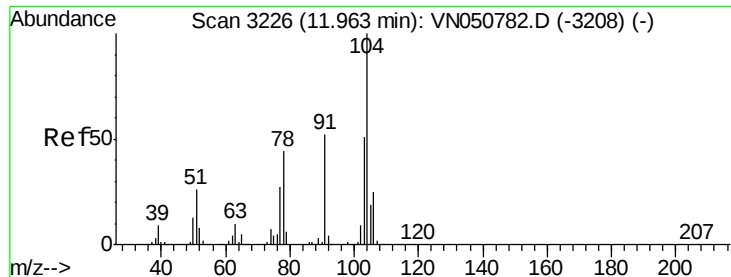


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

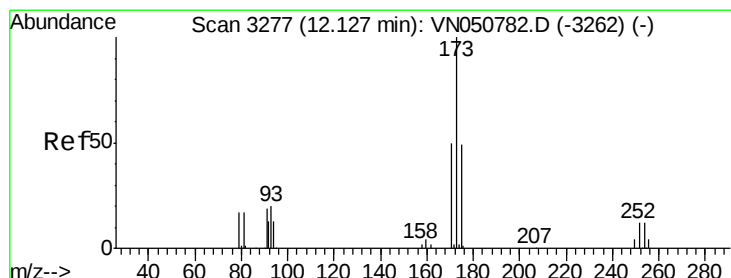
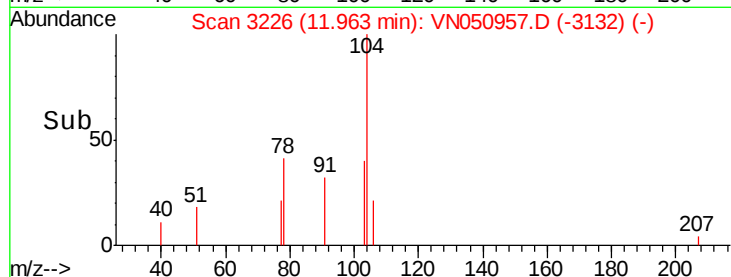
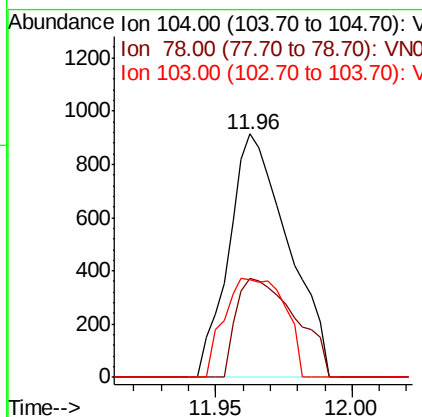
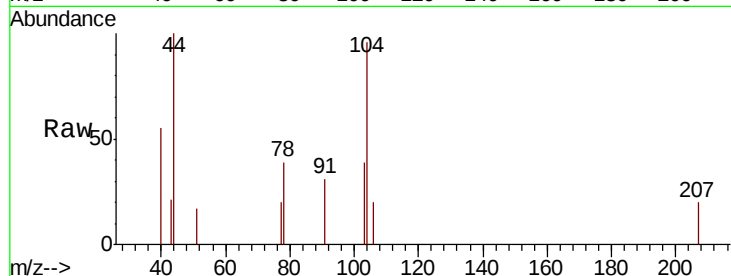




#70
Stvrene
Concen: 1.33 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050957.D
Acq: 30 Aug 2018 12:57

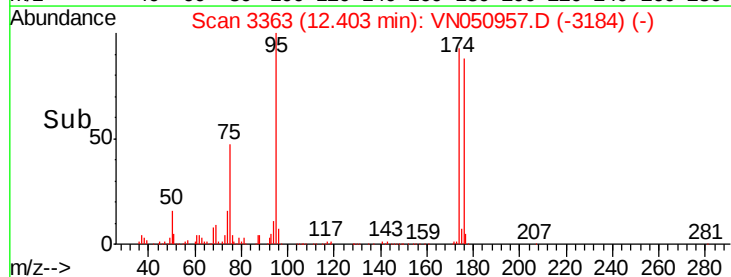
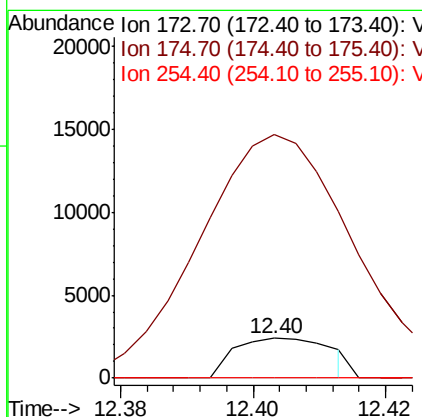
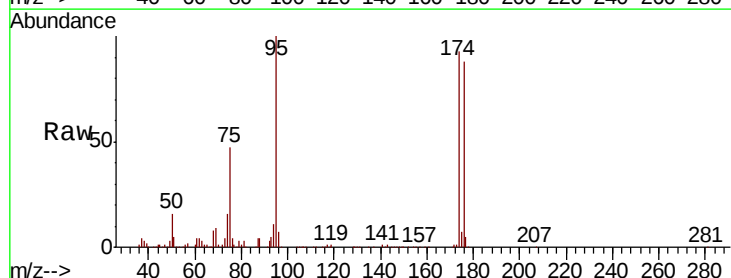
Instrument :
MSVOA_N
ClientSampleId :
PB112481ZHE#01

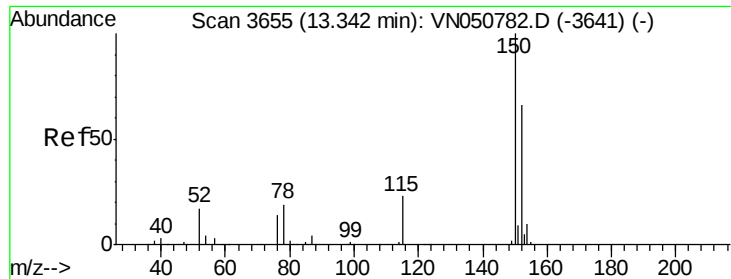
Tot Ion:104 Resp: 1382
Ion Ratio Lower Upper
104 100
78 40.8 38.2 57.4
103 41.3 44.4 66.6#



#71
Bromoform
Concen: 0.44 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN050957.D
Acq: 30 Aug 2018 12:57

Tgt Ion:173 Resp: 2418
Ion Ratio Lower Upper
173 100
175 831.9 24.4 73.4#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

PB112481ZHE#01

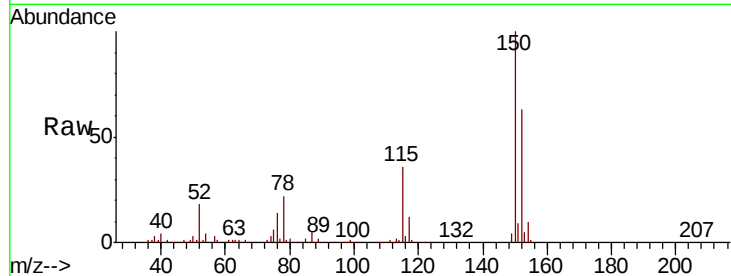
Tot Ion:152 Resp: 271280

Ion Ratio Lower Upper

152 100

115 56.4 27.8 83.4

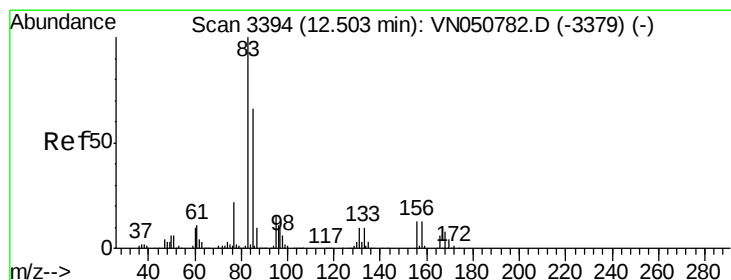
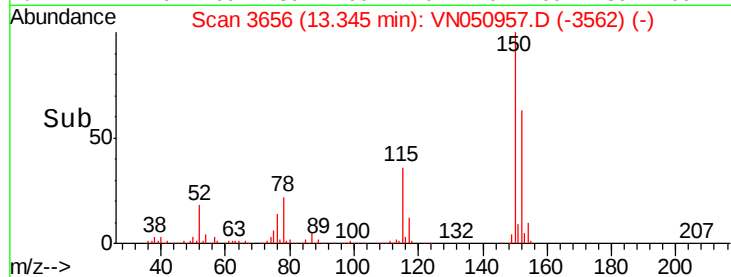
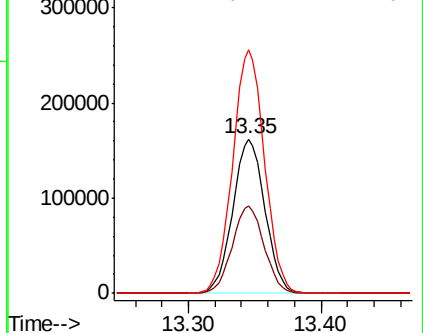
150 156.9 0.0 351.4



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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

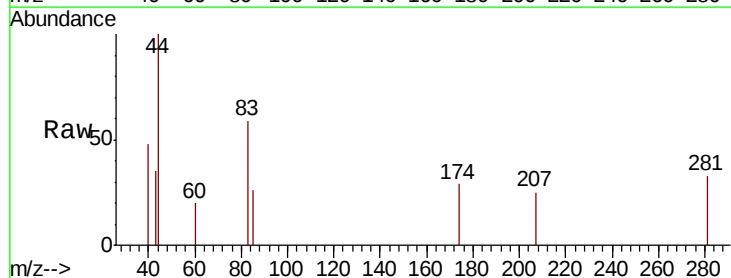
Tgt Ion: 83 Resp: 553

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

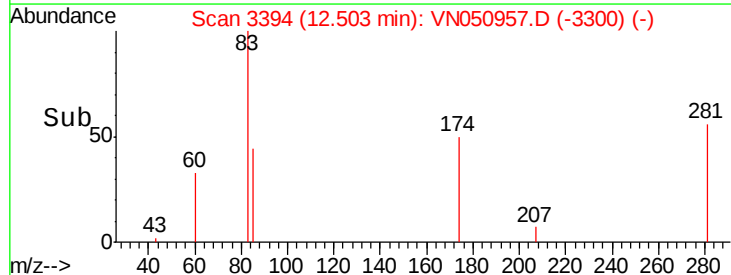
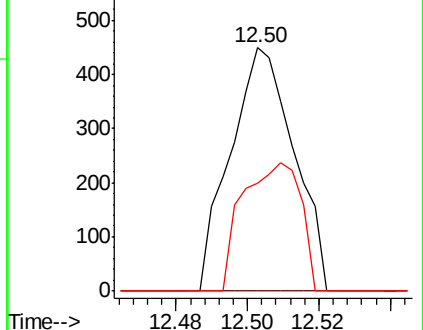
85 48.3 31.9 95.7

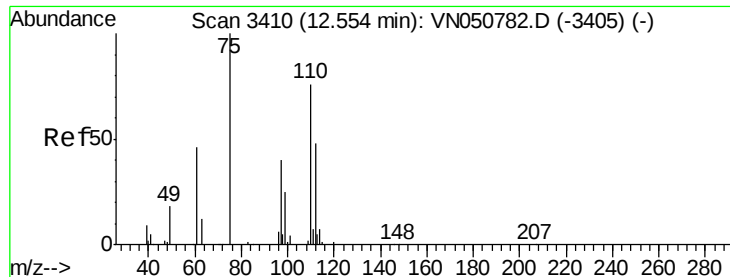


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 34.79 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

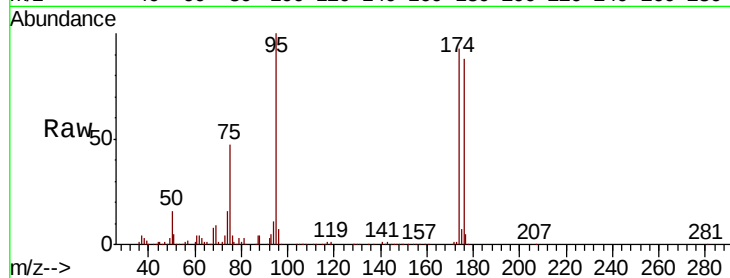
PB112481ZHE#01

Tot Ion: 75 Resp: 165287

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

12.40

100000

80000

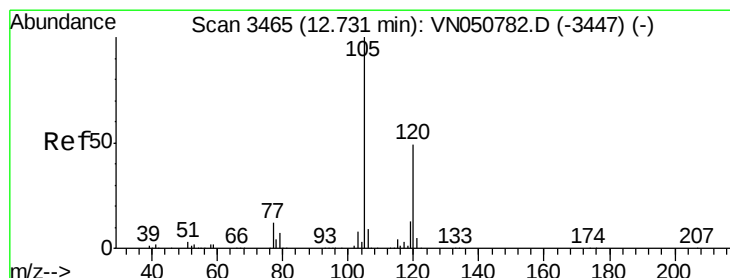
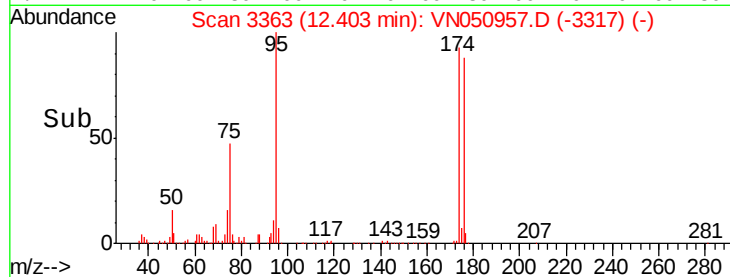
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.22 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050957.D

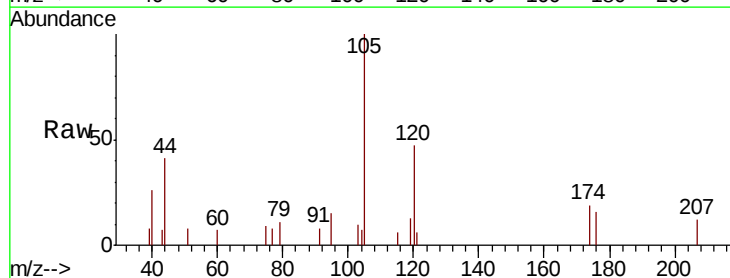
Acq: 30 Aug 2018 12:57

Tgt Ion:105 Resp: 3975

Ion Ratio Lower Upper

105 100

120 55.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

3000

2500

2000

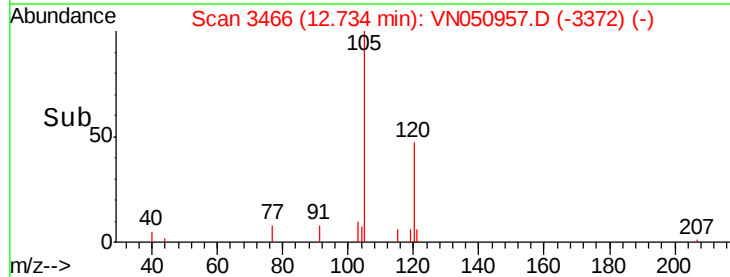
1500

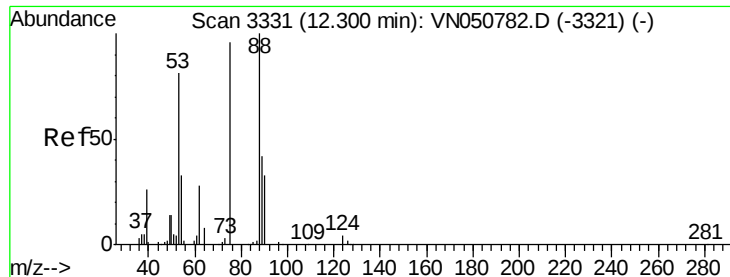
1000

500

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 117.60 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

PB112481ZHE#01

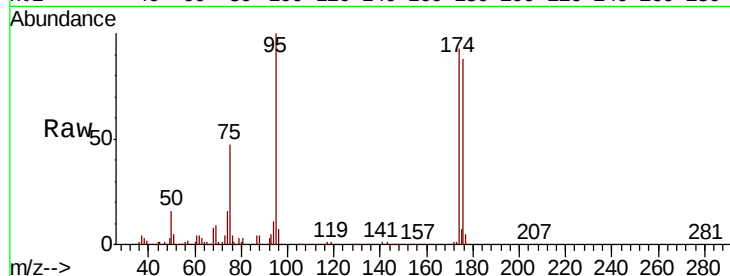
Tot Ion: 75 Resp: 165287

Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

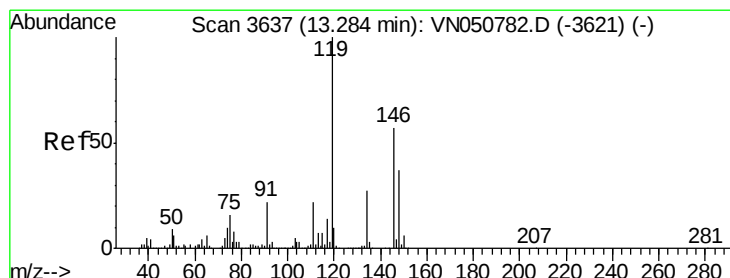
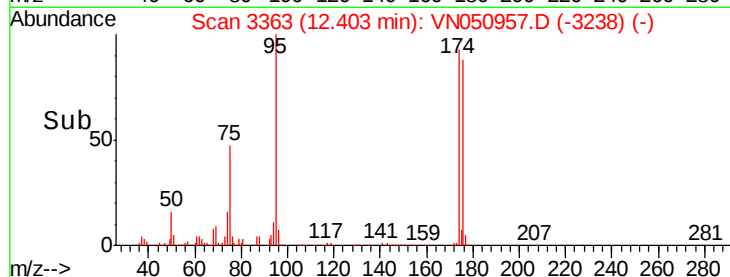
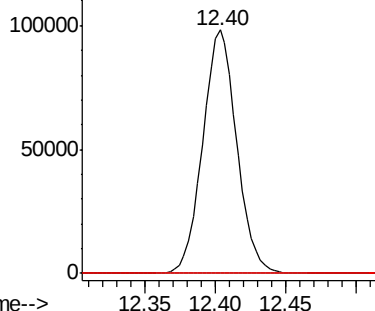
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN050782.D (-3321) (-)

Ion 53.00 (52.70 to 53.70): VN050782.D (-3321) (-)

Ion 88.90 (88.60 to 89.60): VN050782.D (-3321) (-)



#87

1,3-Dichlorobenzene

Concen: 0.21 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

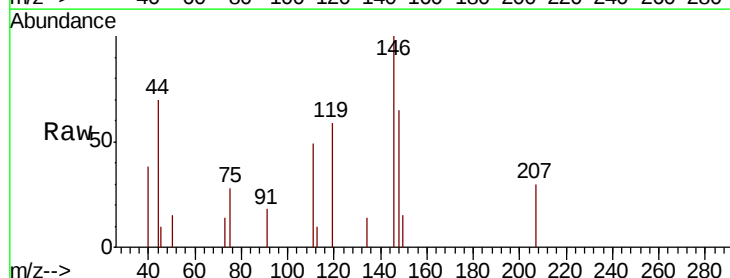
Tgt Ion: 146 Resp: 2195

Ion Ratio Lower Upper

146 100

111 44.4 19.1 57.3

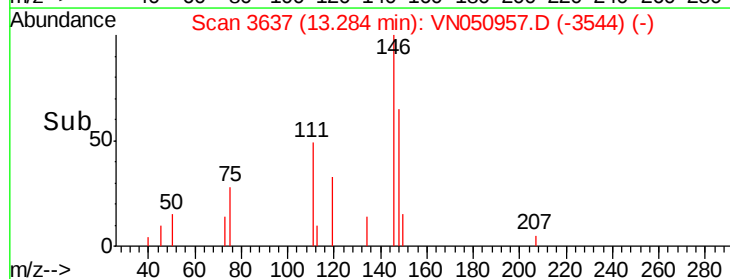
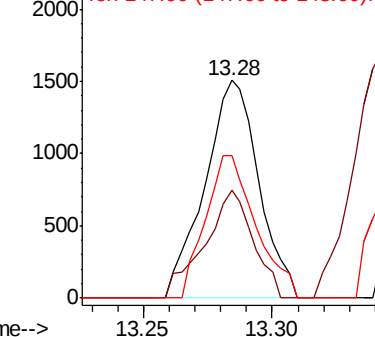
148 60.8 32.2 96.6

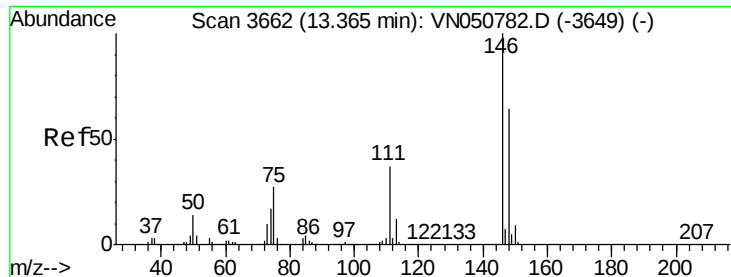


Abundance Ion 145.90 (145.60 to 146.60): VN050782.D (-3621) (-)

Ion 110.90 (110.60 to 111.60): VN050782.D (-3621) (-)

Ion 147.90 (147.60 to 148.60): VN050782.D (-3621) (-)

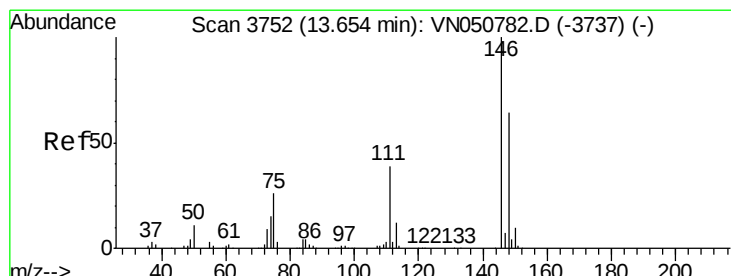
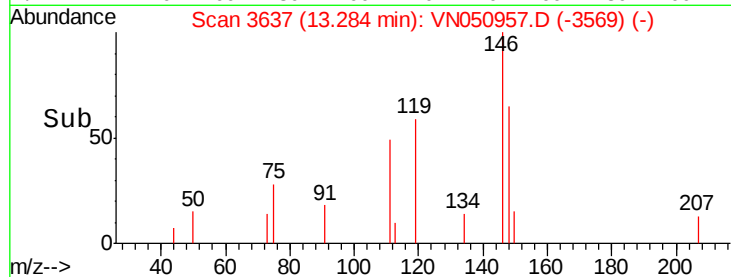
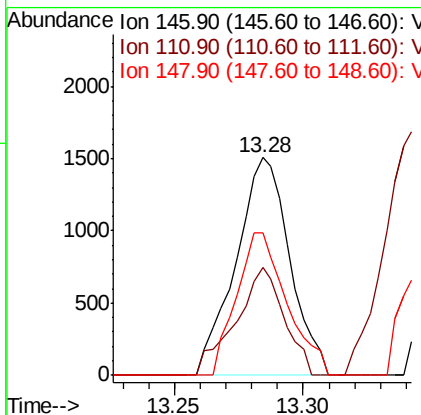
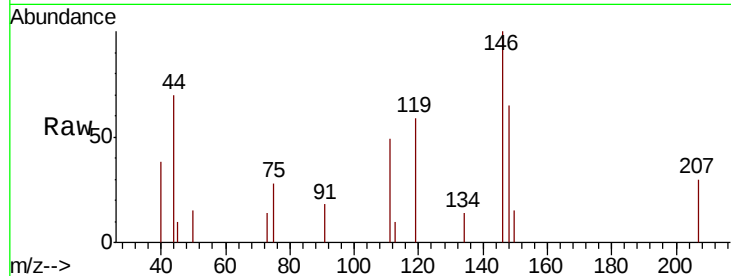




#88
 1,4-Dichlorobenzene
 Concen: 0.22 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.08 min
 Lab File: VN050957.D
 Acq: 30 Aug 2018 12:57

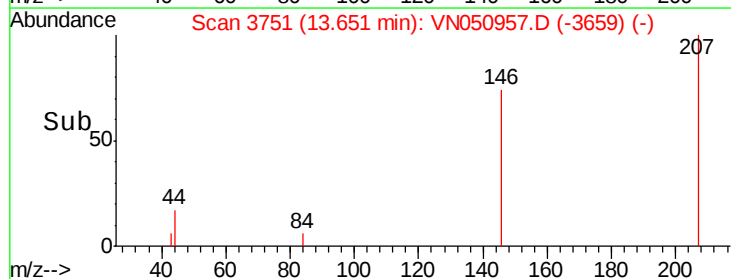
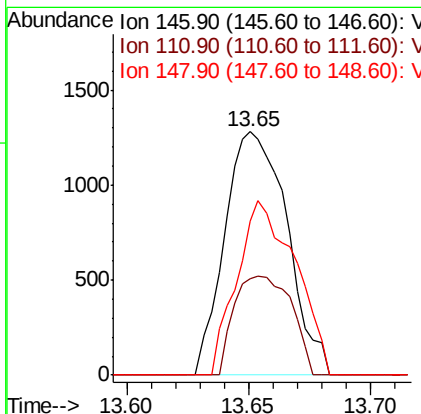
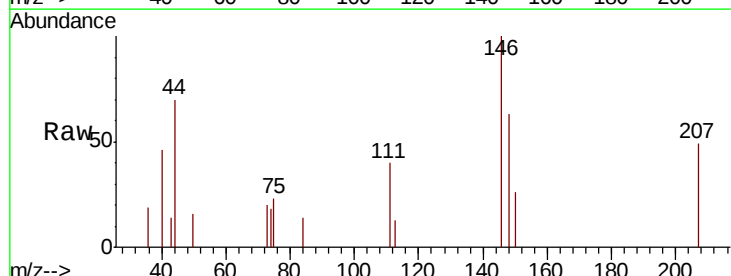
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481ZHE#01

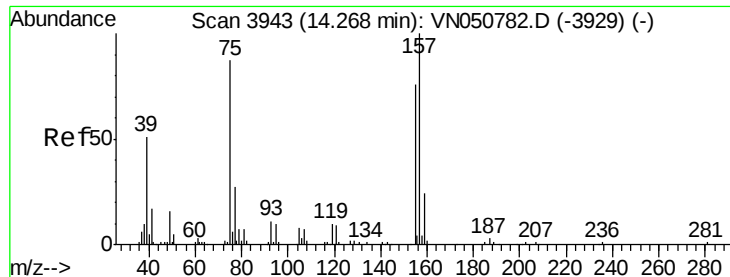
Tot Ion:146 Resp: 2195
 Ion Ratio Lower Upper
 146 100
 111 44.4 18.8 56.3
 148 60.8 32.2 96.6



#91
 1,2-Dichlorobenzene
 Concen: 0.23 ug/l
 RT: 13.65 min Scan# 3751
 Delta R.T. -0.00 min
 Lab File: VN050957.D
 Acq: 30 Aug 2018 12:57

Tgt Ion:146 Resp: 2269
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.8 59.3
 148 67.2 32.3 96.8





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.33 ug/l

RT: 14.27 min Scan# 3945

Delta R.T. 0.01 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

PB112481ZHE#01

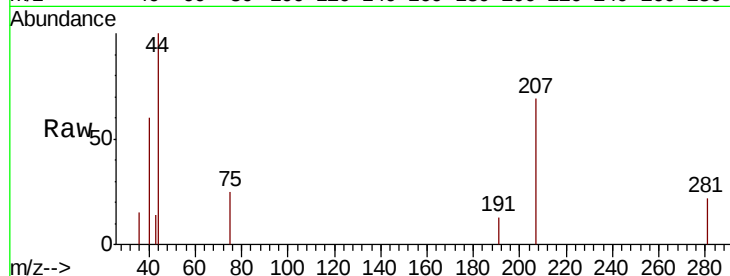
Tot Ion: 75 Resp: 266

Ion Ratio Lower Upper

75 100

155 0.0 46.4 139.1#

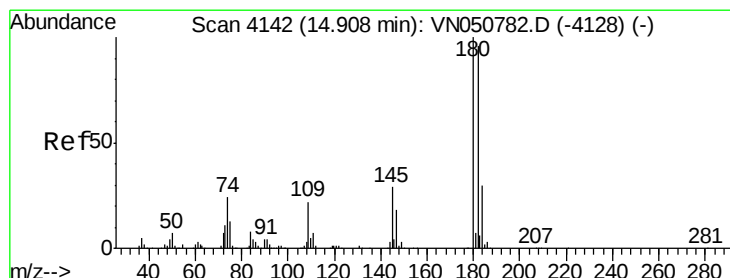
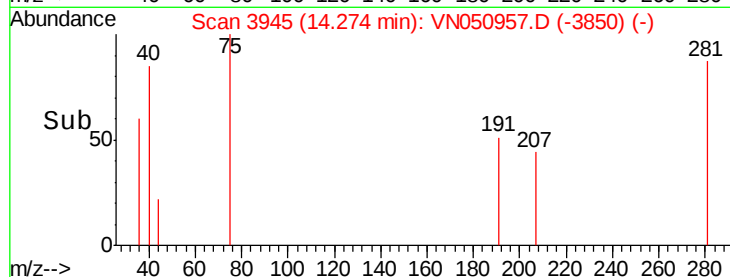
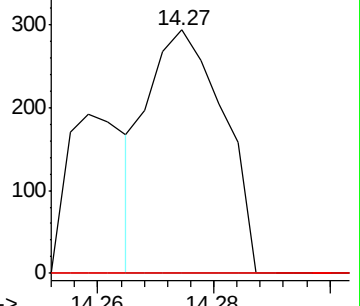
157 0.0 60.7 182.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050957.D (-3850) (-)

Ion 154.80 (154.50 to 155.50): VN050957.D (-3850) (-)

Ion 156.80 (156.50 to 157.50): VN050957.D (-3850) (-)



#93

1,2,4-Trichlorobenzene

Concen: 4.59 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

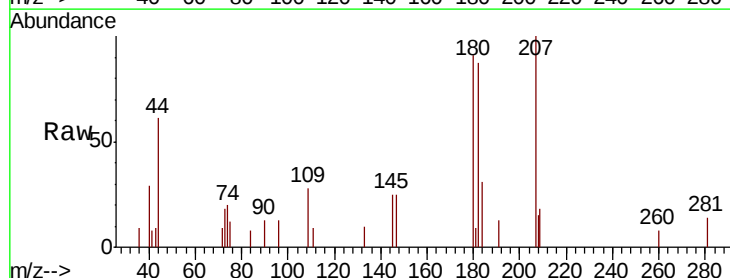
Tgt Ion: 180 Resp: 2865

Ion Ratio Lower Upper

180 100

182 96.8 48.2 144.6

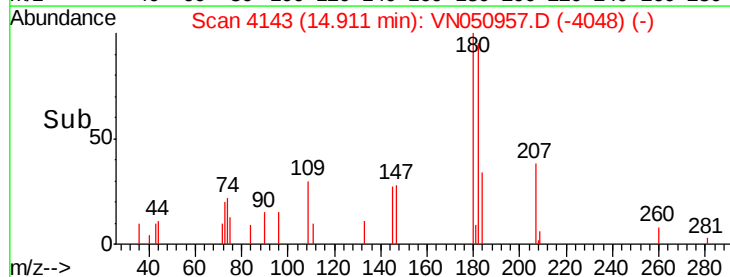
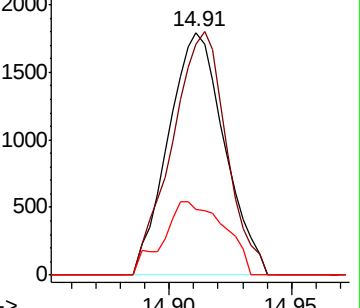
145 33.1 14.1 42.2

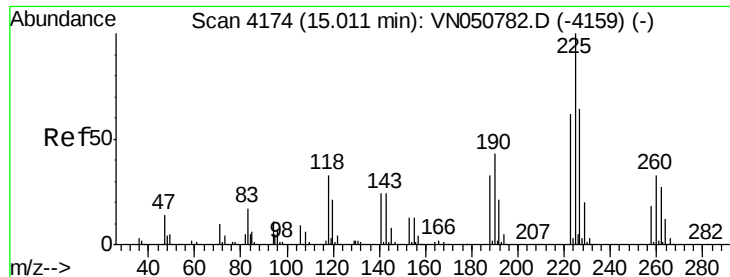


Abundance Ion 179.80 (179.50 to 180.50): VN050957.D (-4048) (-)

Ion 181.80 (181.50 to 182.50): VN050957.D (-4048) (-)

Ion 144.80 (144.50 to 145.50): VN050957.D (-4048) (-)





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4174

Delta R.T. 0.00 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

PB112481ZHE#01

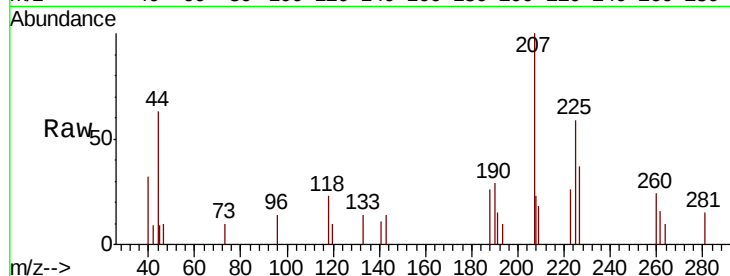
Tot Ion:225 Resp: 1414

Ion Ratio Lower Upper

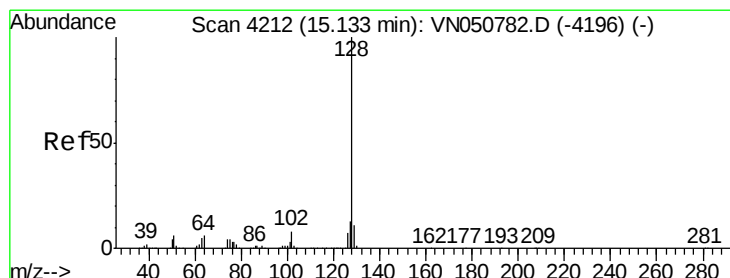
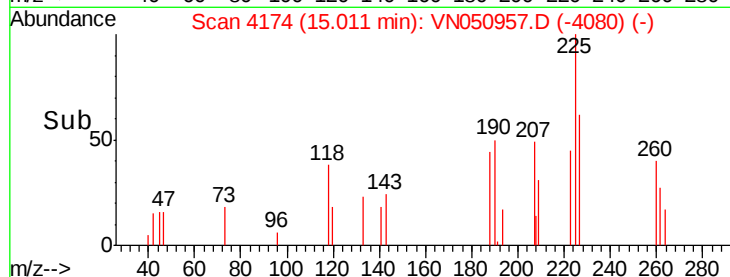
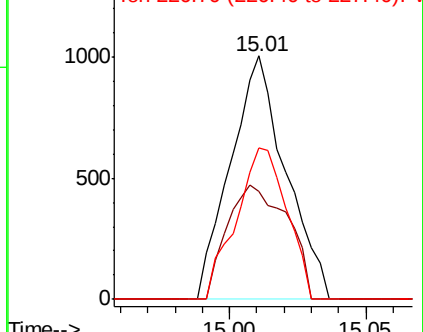
225 100

223 51.4 31.3 93.8

227 56.6 32.0 96.2



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



#95

Naphthalene

Concen: 5.95 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050957.D

Acq: 30 Aug 2018 12:57

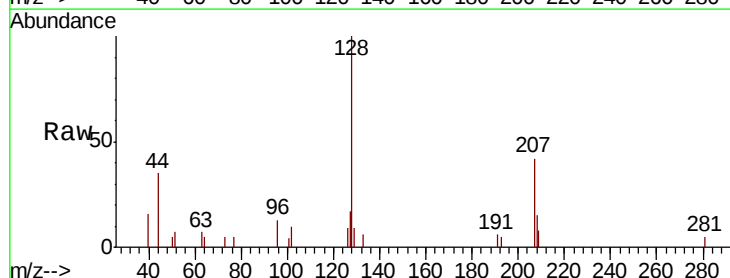
Tgt Ion:128 Resp: 6714

Ion Ratio Lower Upper

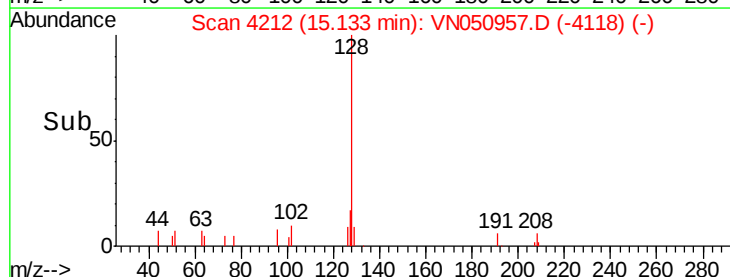
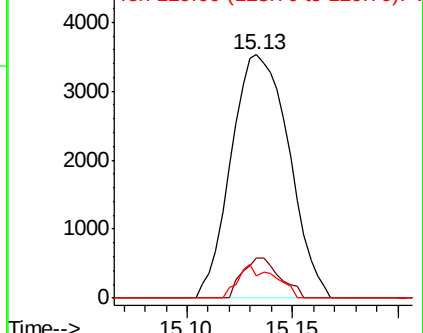
128 100

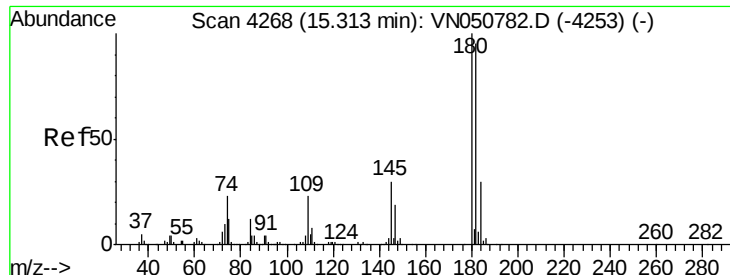
127 10.6 10.5 15.7

129 8.6 8.7 13.1#



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: 3.95 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: VN050957.D
 Acq: 30 Aug 2018 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481ZHE#01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.2
145	26.4	15.2	45.6

