

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050385.D
 Acq On : 6 Aug 2018 15:51
 Operator : MD\SY
 Sample : PB11760TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB11760TB

Quant Time: Aug 07 05:47:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	749295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1191286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1066064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	430932	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	502747	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
35) Dibromofluoromethane	7.59	113	445053	46.56	ug/l	0.00
Spiked Amount			Recovery	=	93.12%	
50) Toluene-d8	10.09	98	1661364	46.23	ug/l	0.00
Spiked Amount			Recovery	=	92.46%	
62) 4-Bromofluorobenzene	12.40	95	504089	41.15	ug/l	0.00
Spiked Amount			Recovery	=	82.30%	

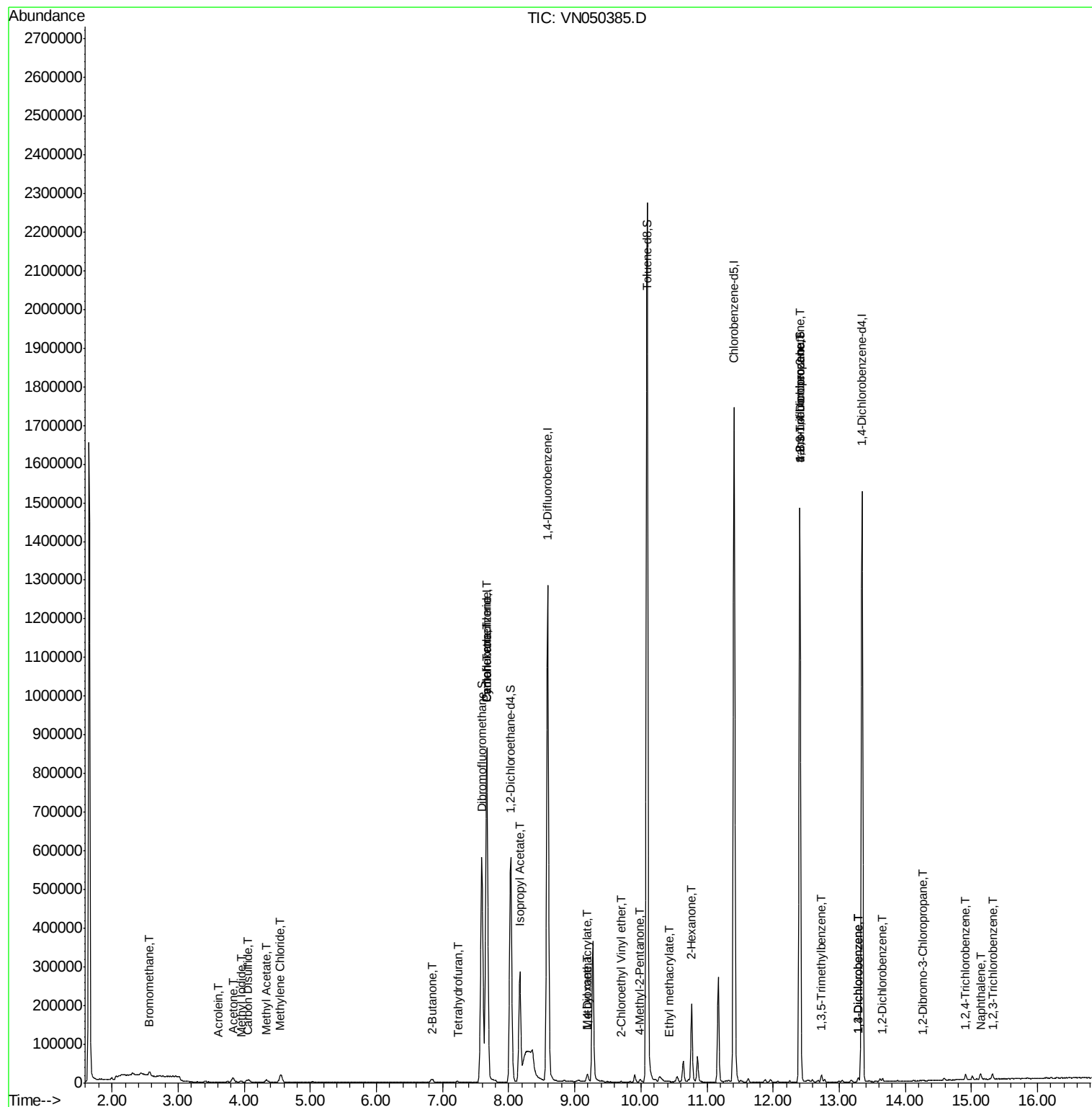
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	5485	Below Cal		95
5) Bromomethane	2.57	94	5814	1.28	ug/l	96
10) Methyl Iodide	3.96	142	3711	0.98	ug/l #	84
13) Acrolein	3.61	56	1092	16.01	ug/l #	50
16) Acetone	3.83	43	21331	6.79	ug/l	95
17) Carbon Disulfide	4.05	76	11789	0.45	ug/l	97
18) Methyl Acetate	4.34	43	12307	1.40	ug/l #	78
20) Methylene Chloride	4.55	84	16291	0.24	ug/l	93
25) 2-Butanone	6.85	43	5301	1.07	ug/l #	79
29) Tetrahydrofuran	7.23	42	2039	0.77	ug/l #	85
31) Cyclohexane	7.67	56	14092	0.36	ug/l #	1
38) Carbon Tetrachloride	7.67	117	65587	4.80	ug/l #	16
43) Isopropyl Acetate	8.17	43	330844	20.33	ug/l	98
48) Methyl methacrylate	9.18	41	10578	1.30	ug/l #	25
49) 1,4-Dioxane	9.20	88	142	1.13	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5205	0.44	ug/l #	85
56) Ethyl methacrylate	10.43	69	250	1.73	ug/l #	62
58) 2-Chloroethyl Vinyl ether	9.70	63	175	7.42	ug/l #	48
59) 2-Hexanone	10.77	43	30290	3.70	ug/l #	61
76) 1,2,3-Trichloropropane	12.40	75	243649	31.24	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8654	0.33	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	243649	109.75	ug/l #	13
87) 1,3-Dichlorobenzene	13.29	146	3552	0.23	ug/l	99
88) 1,4-Dichlorobenzene	13.29	146	3552	0.23	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	3264	0.21	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.26	75	730	0.46	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.91	180	4434	0.56	ug/l	93
94) Hexachlorobutadiene	15.01	225	1844	Below Cal		92
95) Naphthalene	15.14	128	12451	4.17	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	4759	0.60	ug/l	98

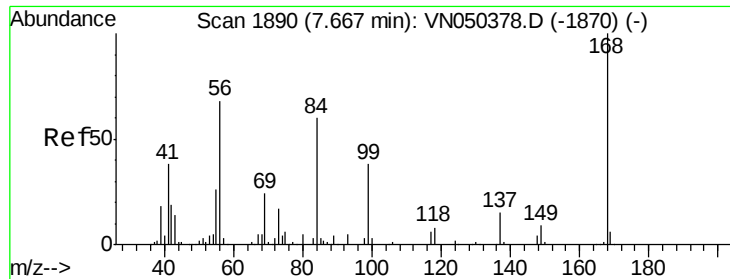
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050385.D

Acq: 6 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

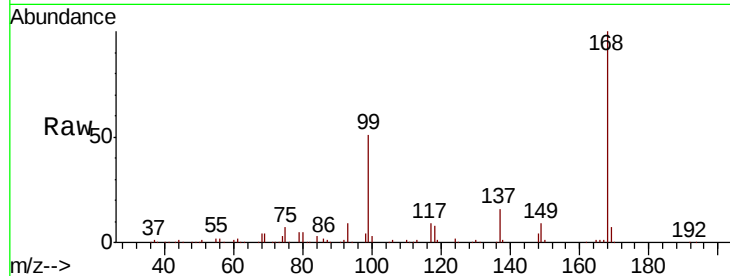
PB11760TB

Tot Ion:168 Resp: 749295

Ion Ratio Lower Upper

168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

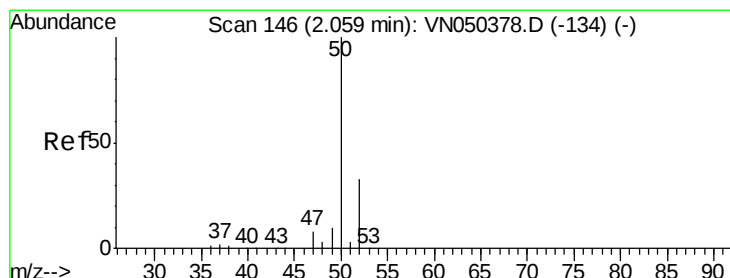
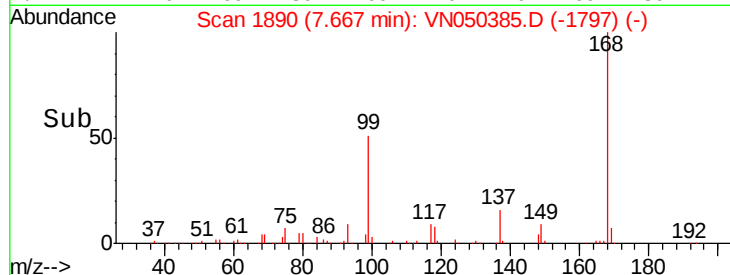
200000

100000

0

Time-->

7.60 7.70 7.80



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050385.D

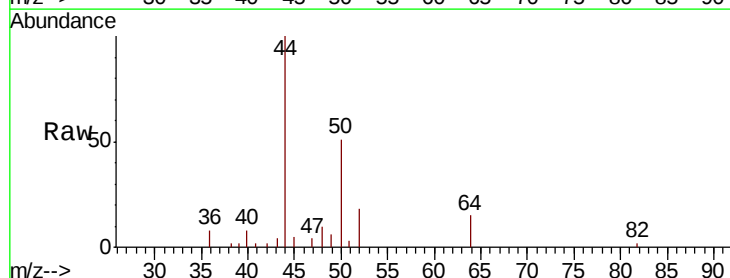
Acq: 6 Aug 2018 15:51

Tgt Ion: 50 Resp: 5485

Ion Ratio Lower Upper

50 100

52 35.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

4000

3000

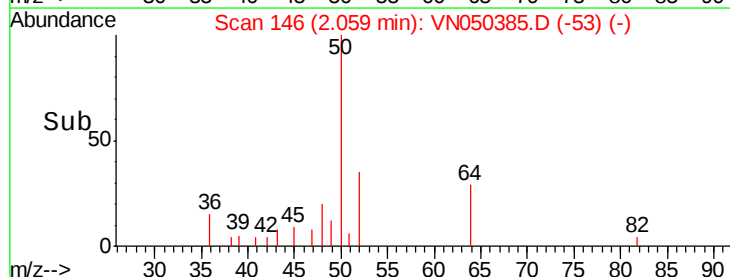
2000

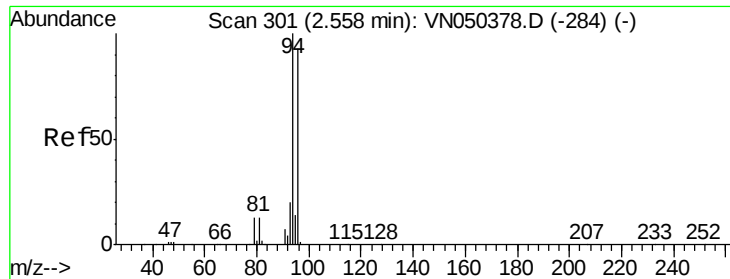
1000

0

Time-->

2.00 2.05 2.10





#5

Bromomethane

Concen: 1.28 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050385.D

Acq: 6 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

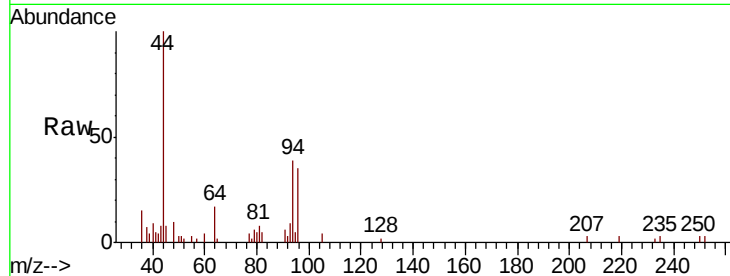
PB11760TB

Tot Ion: 94 Resp: 5814

Ion Ratio Lower Upper

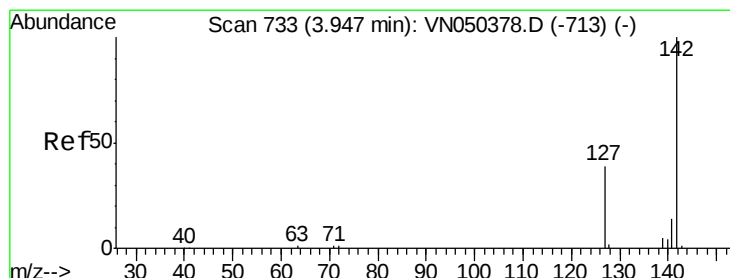
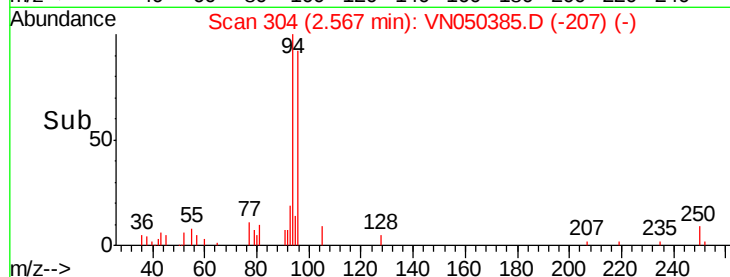
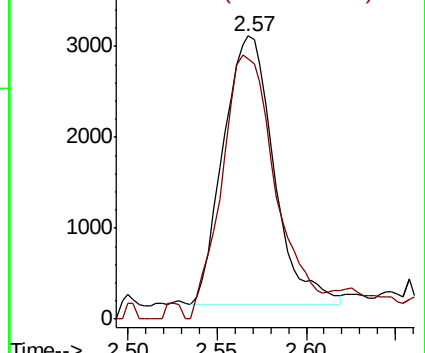
94 100

96 96.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 0.98 ug/l

RT: 3.96 min Scan# 737

Delta R.T. 0.01 min

Lab File: VN050385.D

Acq: 6 Aug 2018 15:51

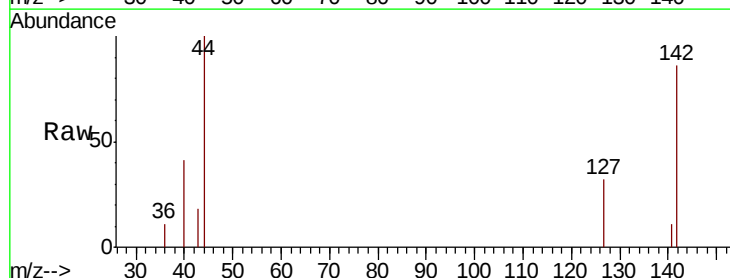
Tgt Ion:142 Resp: 3711

Ion Ratio Lower Upper

142 100

127 32.1 33.4 50.2#

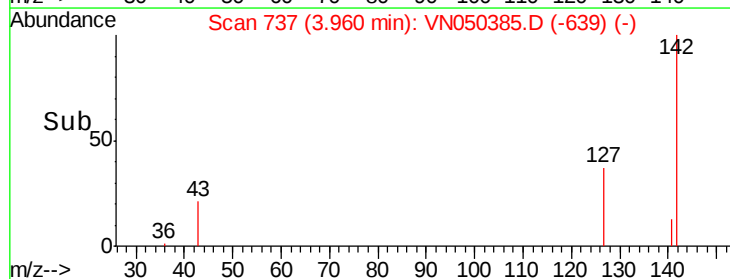
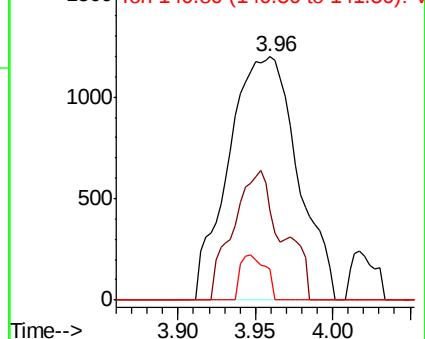
141 6.8 11.6 17.4#

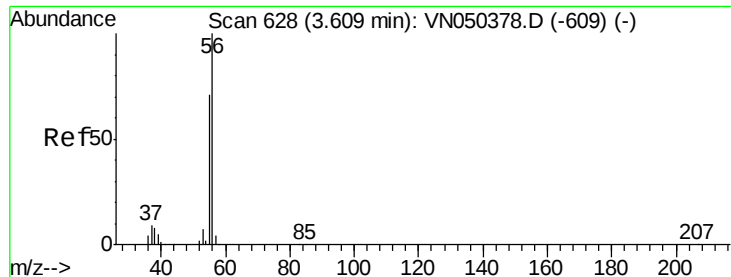


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 16.01 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN050385.D

Acq: 6 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampled :

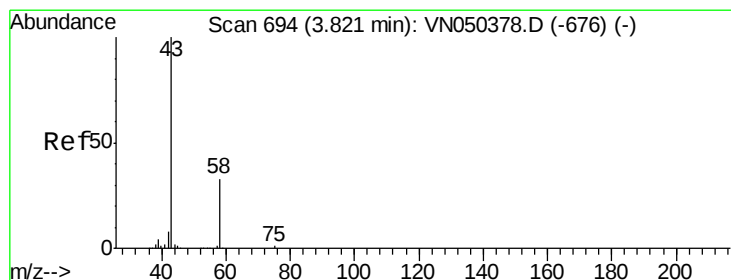
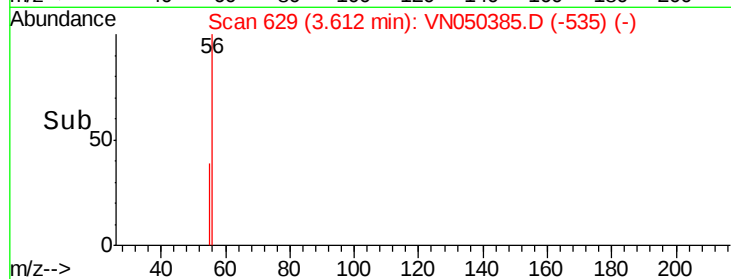
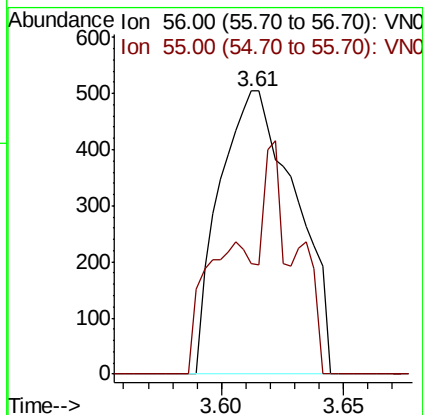
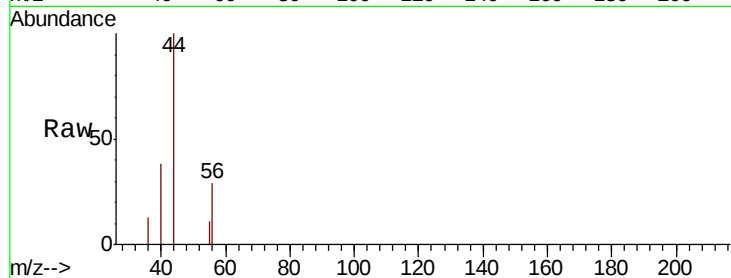
PB11760TB

Tot Ion: 56 Resp: 1092

Ion Ratio Lower Upper

56 100

55 28.6 55.8 83.6#



#16

Acetone

Concen: 6.79 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050385.D

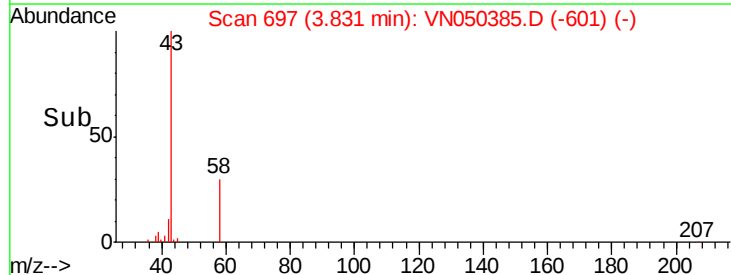
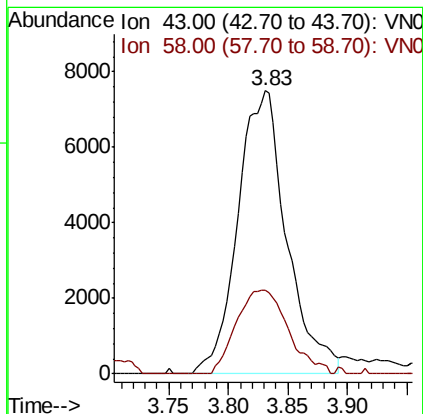
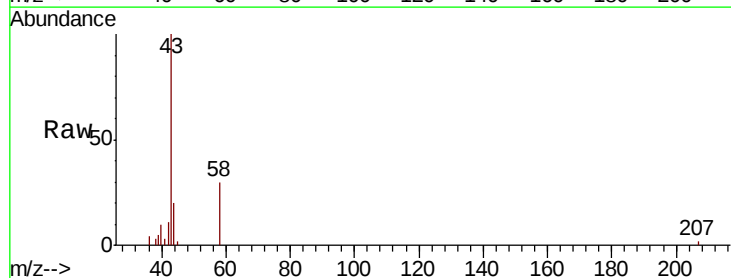
Acq: 6 Aug 2018 15:51

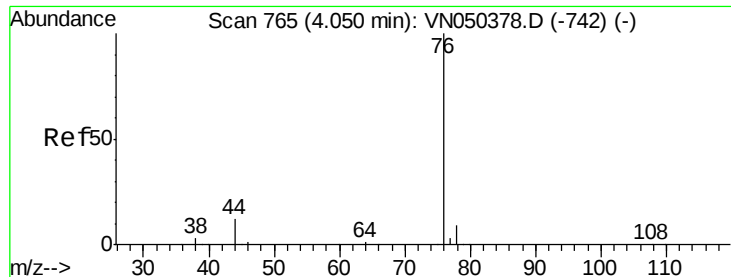
Tgt Ion: 43 Resp: 21331

Ion Ratio Lower Upper

43 100

58 29.5 25.8 38.8

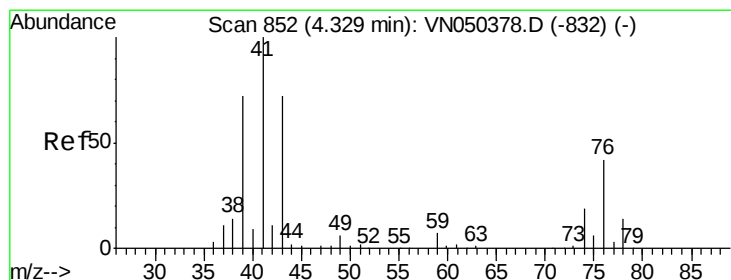
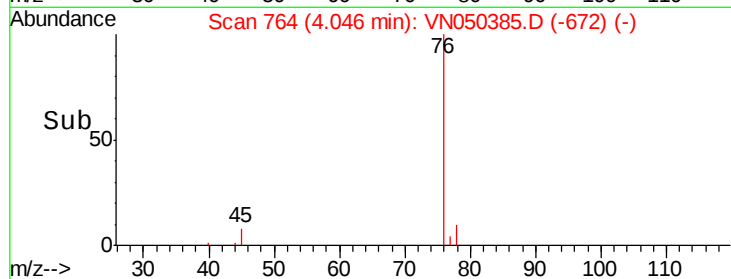
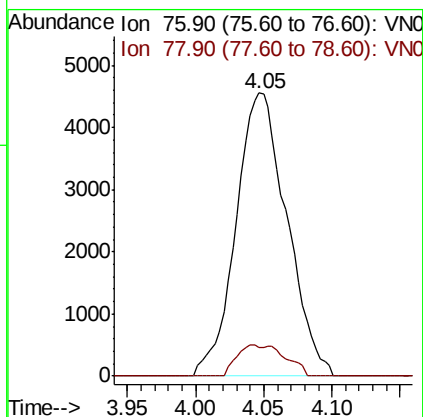
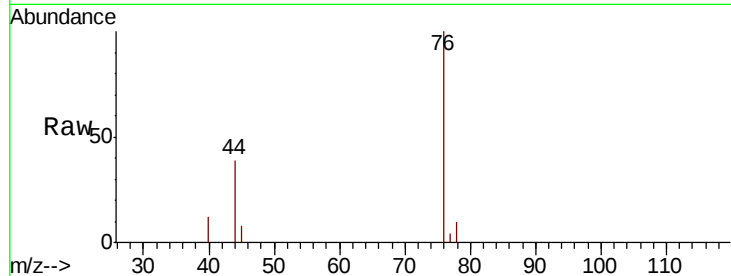




#17
Carbon Disulfide
Concen: 0.45 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN050385.D
Acq: 6 Aug 2018 15:51

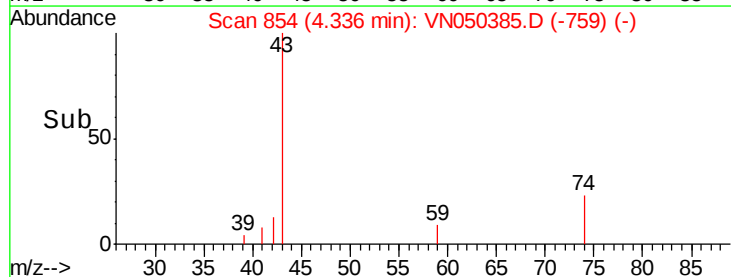
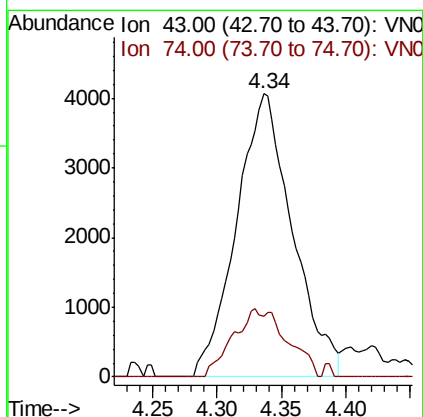
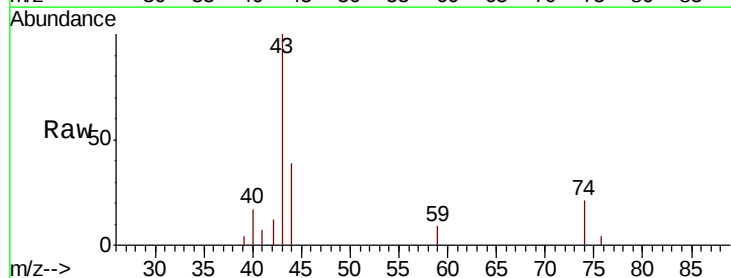
Instrument :
MSVOA_N
ClientSampleId :
PB11760TB

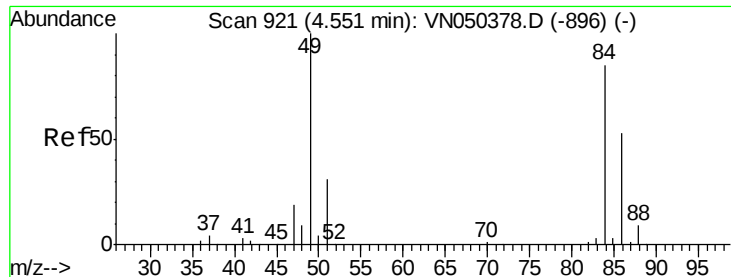
Tot Ion: 76 Resp: 11789
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



#18
Methyl Acetate
Concen: 1.40 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050385.D
Acq: 6 Aug 2018 15:51

Tgt Ion: 43 Resp: 12307
Ion Ratio Lower Upper
43 100
74 13.0 19.2 28.8#

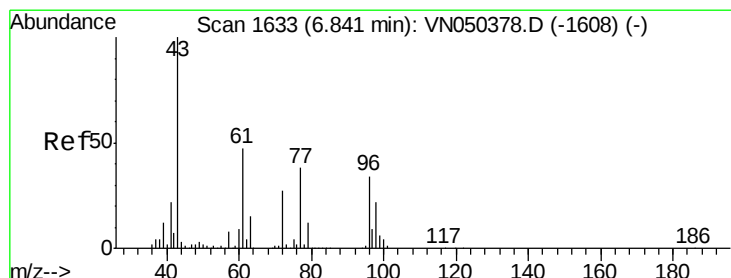
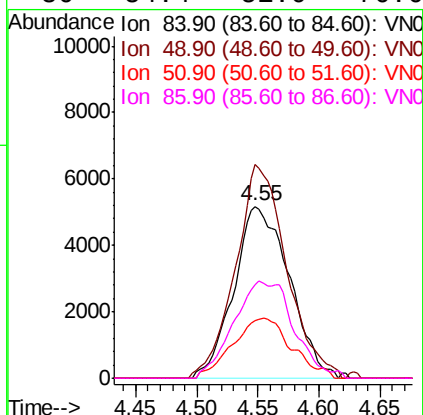
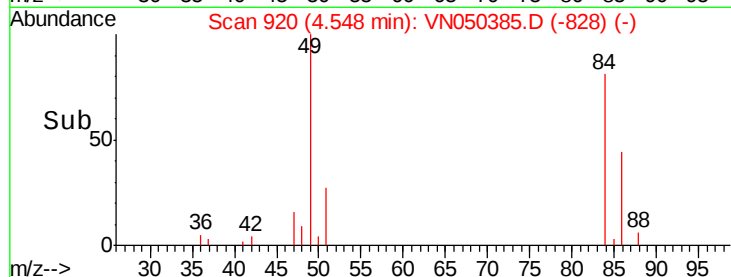
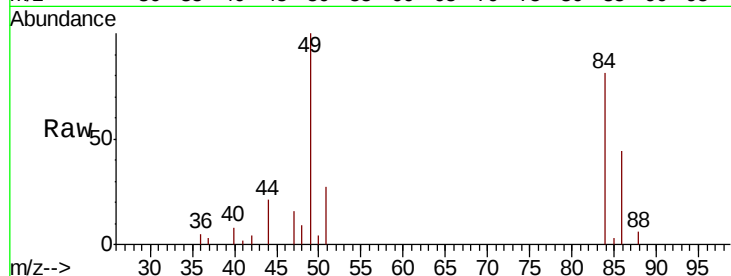




#20
Methvlene Chloride
Concen: 0.24 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050385.D
Acq: 6 Aug 2018 15:51

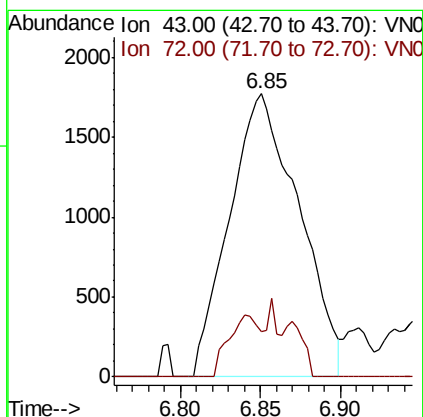
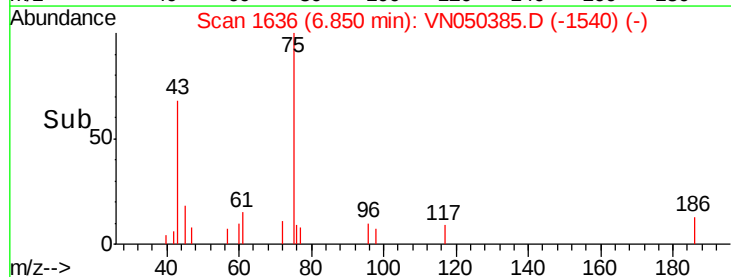
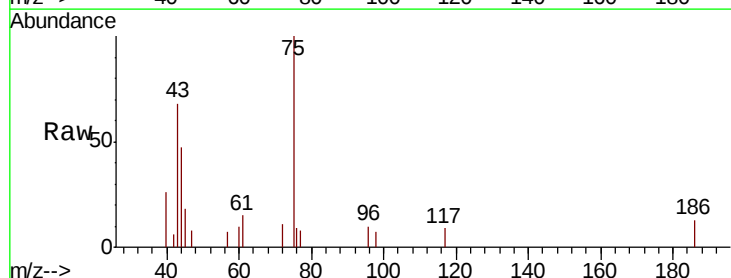
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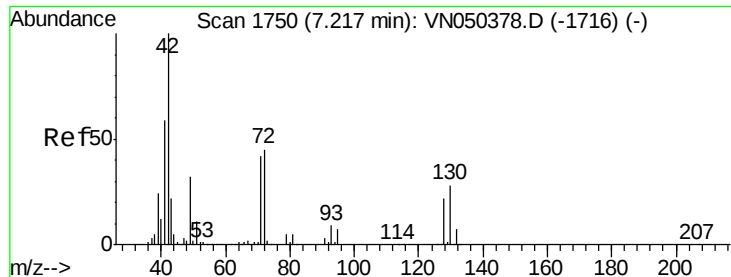
Tot Ion: 84 Resp: 16291
Ion Ratio Lower Upper
84 100
49 124.1 94.8 142.2
51 33.1 28.3 42.5
86 54.4 51.0 76.6



#25
2-Butanone
Concen: 1.07 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050385.D
Acq: 6 Aug 2018 15:51

Tgt Ion: 43 Resp: 5301
Ion Ratio Lower Upper
43 100
72 15.9 21.5 32.3#





#29

Tetrahydrofuran

Concen: 0.77 ug/l

RT: 7.23 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VN050385.D

Acq: 6 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

PB11760TB

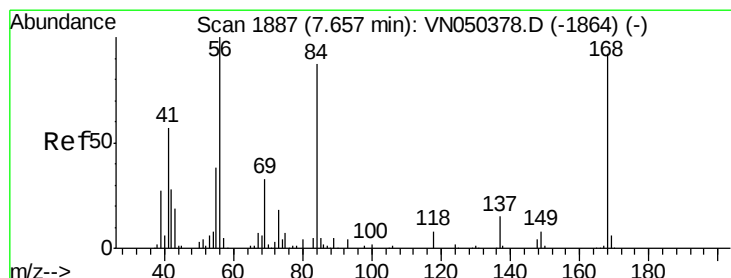
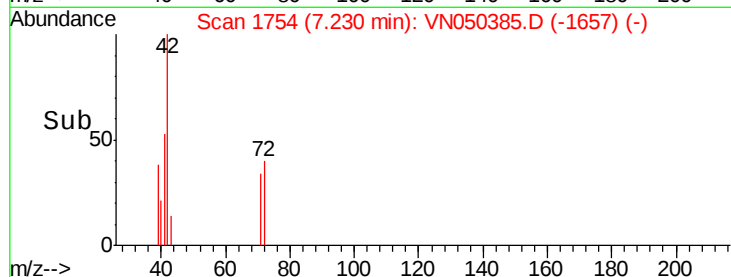
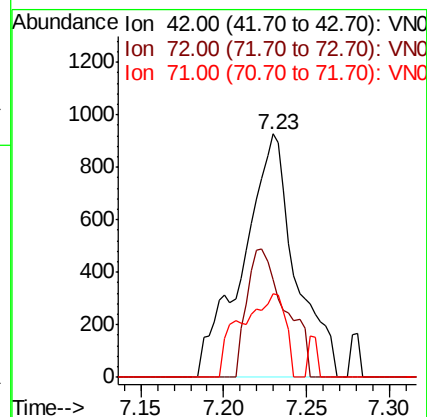
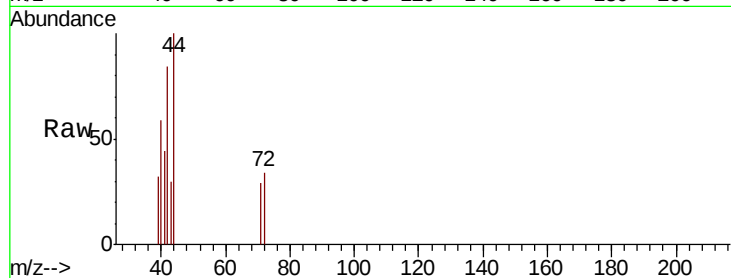
Tot Ion: 42 Resp: 2039

Ion Ratio Lower Upper

42 100

72 38.5 35.9 53.9

71 29.1 33.7 50.5#



#31

Cyclohexane

Concen: 0.36 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050385.D

Acq: 6 Aug 2018 15:51

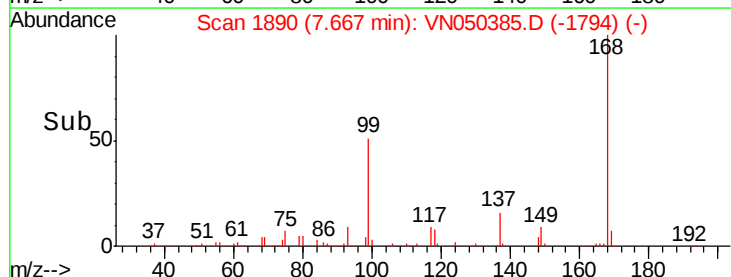
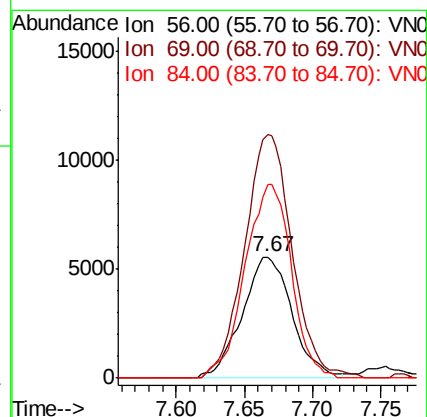
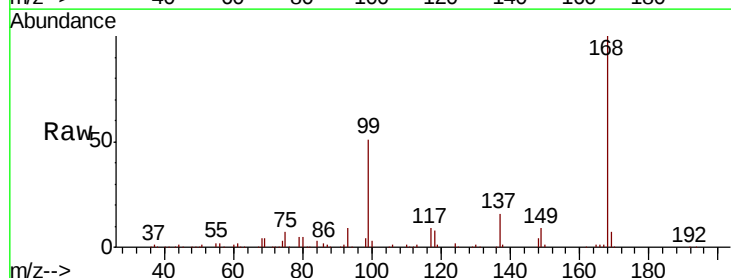
Tgt Ion: 56 Resp: 14092

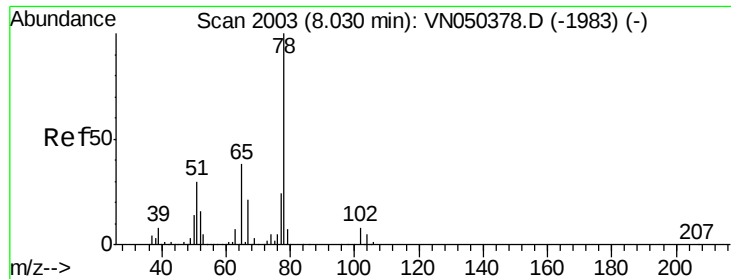
Ion Ratio Lower Upper

56 100

69 201.4 26.2 39.4#

84 160.1 67.4 101.0#

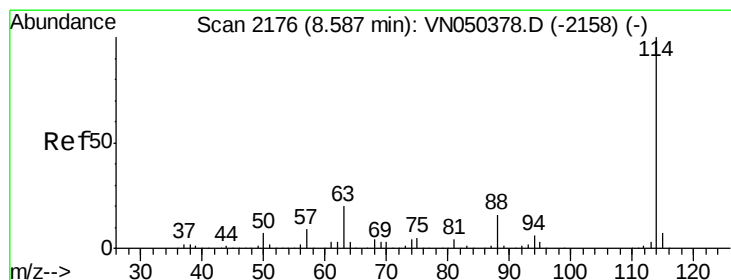
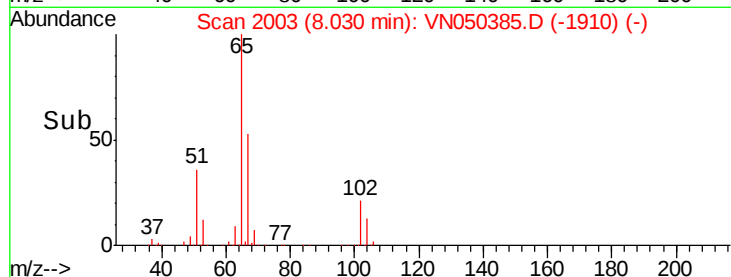
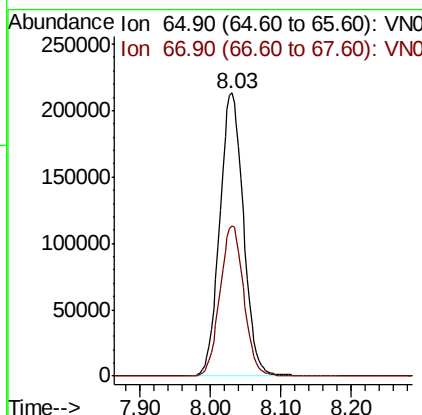
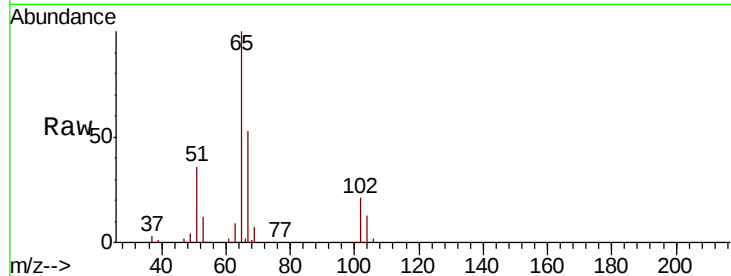




#33
 1,2-Dichloroethane-d4
 Concen: 50.22 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050385.D
 Acq: 6 Aug 2018 15:51

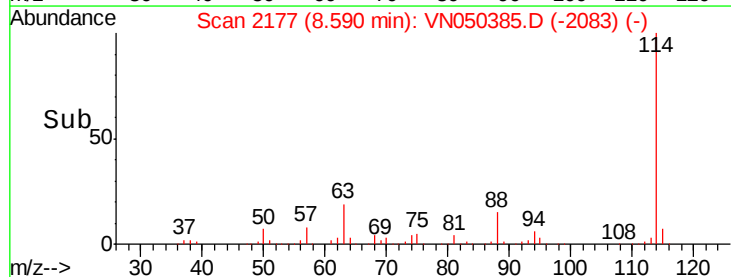
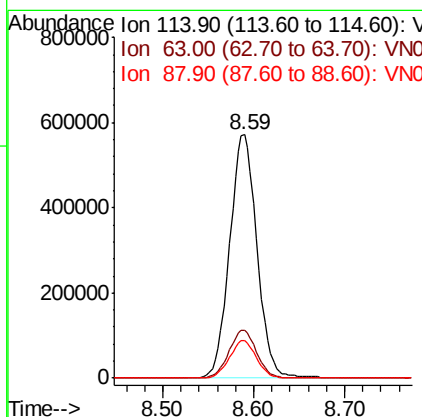
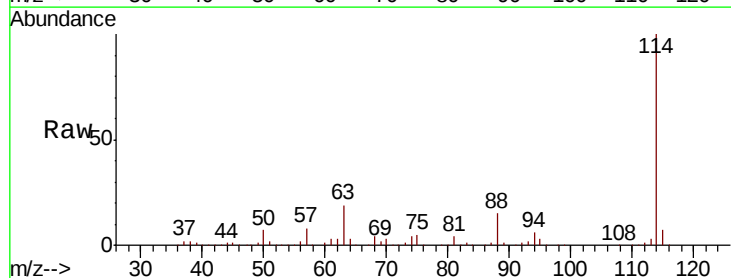
Instrument :
 MSVOA_N
 ClientSampleId :
 PB11760TB

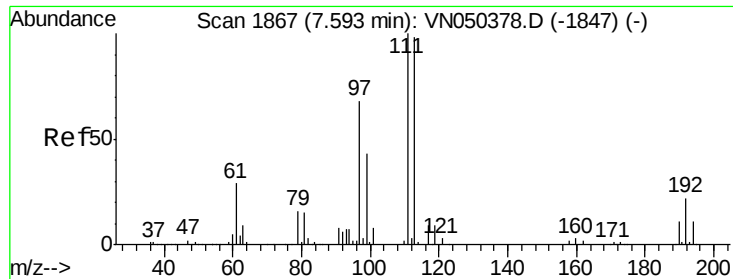
Tot Ion: 65 Resp: 502747
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050385.D
 Acq: 6 Aug 2018 15:51

Tgt Ion: 114 Resp: 1191286
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.4 0.0 31.2

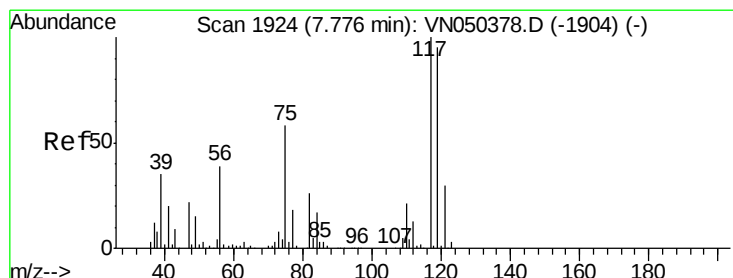
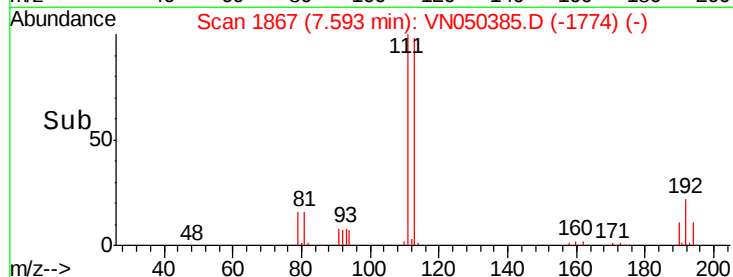
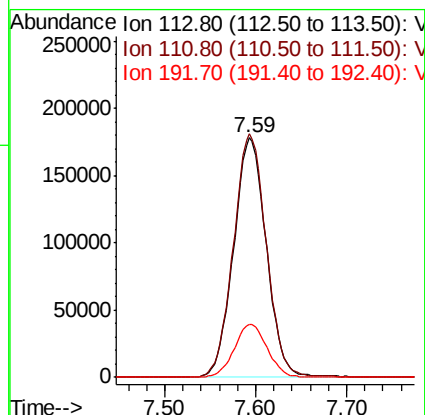
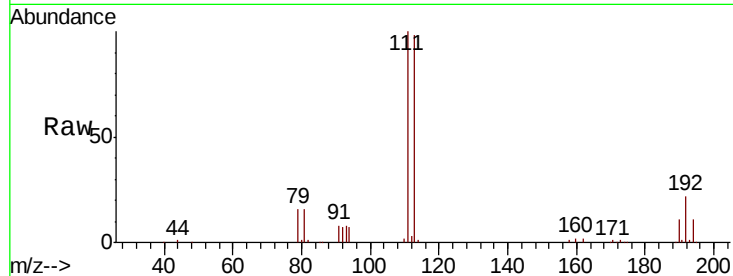




#35
Dibromofluoromethane
Concen: 46.56 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050385.D
Acq: 6 Aug 2018 15:51

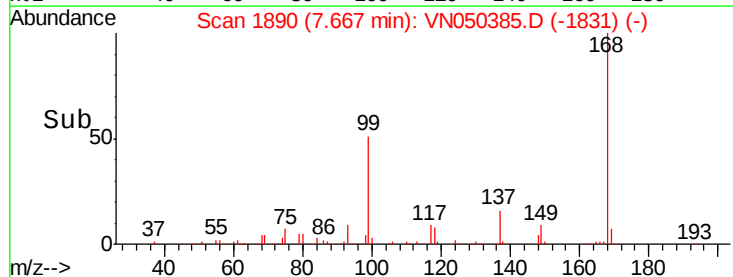
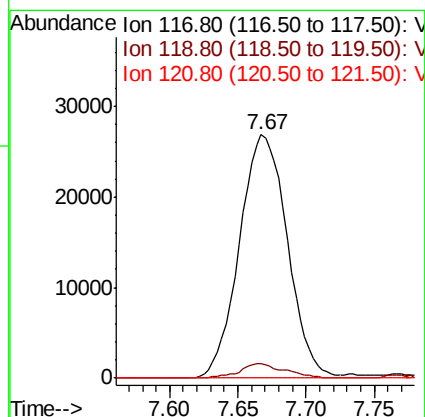
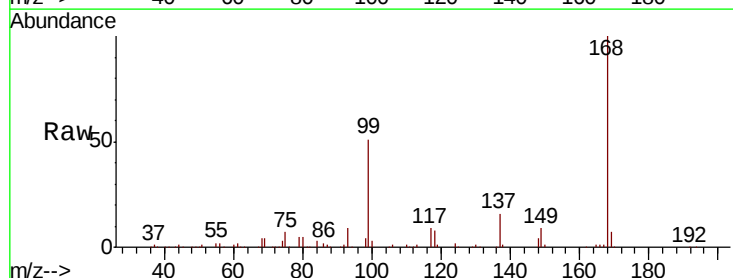
Instrument :
MSVOA_N
ClientSampleId :
PB11760TB

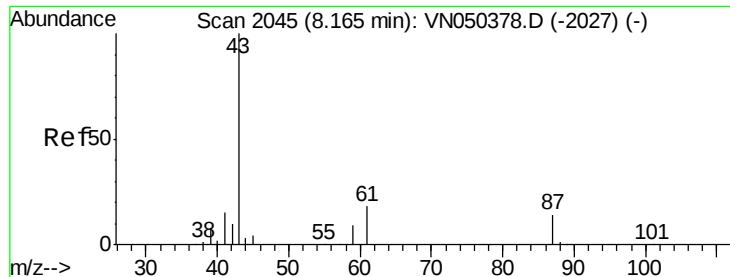
Tot Ion:113 Resp: 445053
Ion Ratio Lower Upper
113 100
111 102.5 80.7 121.1
192 22.3 17.8 26.6



#38
Carbon Tetrachloride
Concen: 4.80 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050385.D
Acq: 6 Aug 2018 15:51

Tgt Ion:117 Resp: 65587
Ion Ratio Lower Upper
117 100
119 5.8 77.4 116.0#
121 0.0 23.9 35.9#



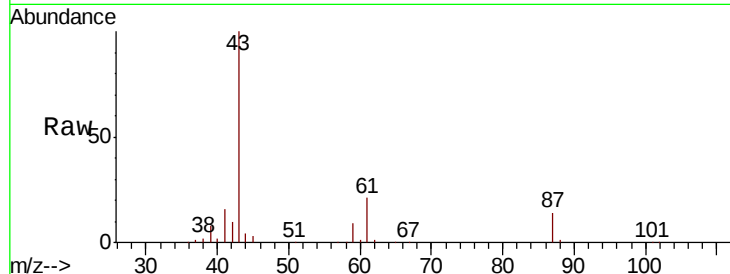


#43

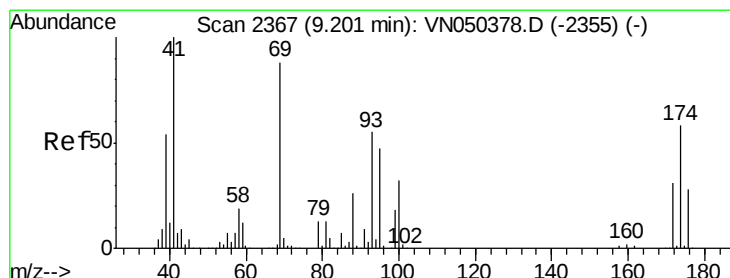
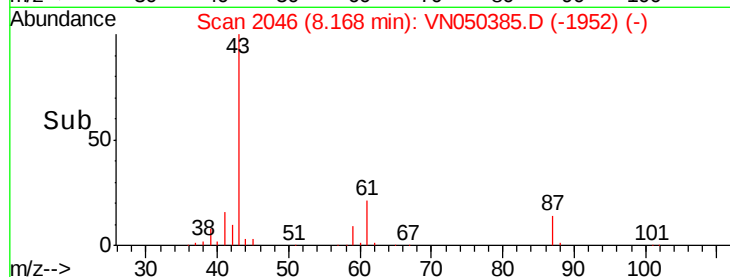
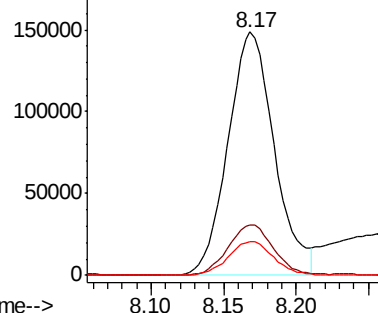
Isopropyl Acetate
 Concen: 20.33 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050385.D
 Acq: 6 Aug 2018 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB11760TB

Tot Ion: 43 Resp: 330844
 Ion Ratio Lower Upper
 43 100
 61 20.5 15.8 23.6
 87 13.7 10.3 15.5



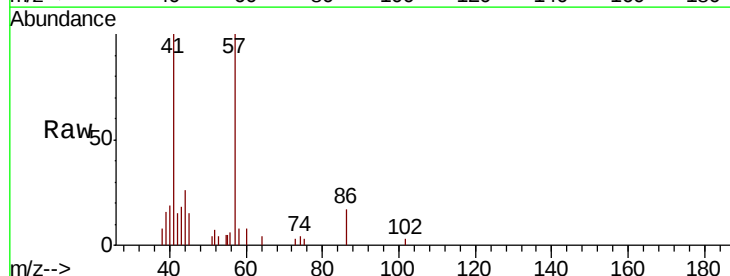
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



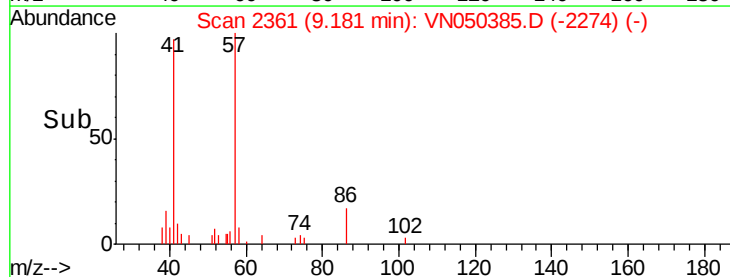
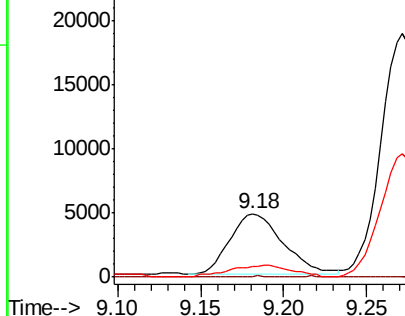
#48

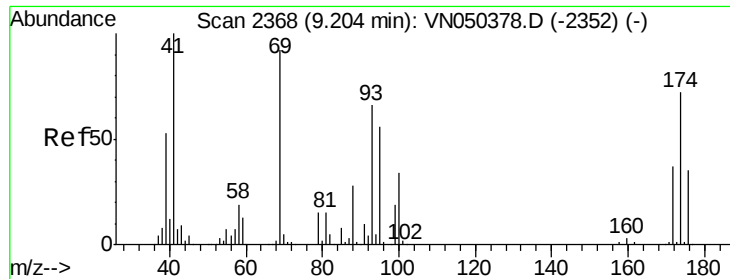
Methyl methacrylate
 Concen: 1.30 ug/l
 RT: 9.18 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: VN050385.D
 Acq: 6 Aug 2018 15:51

Tgt Ion: 41 Resp: 10578
 Ion Ratio Lower Upper
 41 100
 69 0.3 70.6 105.8#
 39 22.7 43.9 65.9#



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





#49

1,4-Dioxane

Concen: 1.13 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050385.D

Acq: 6 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampled :

PB11760TB

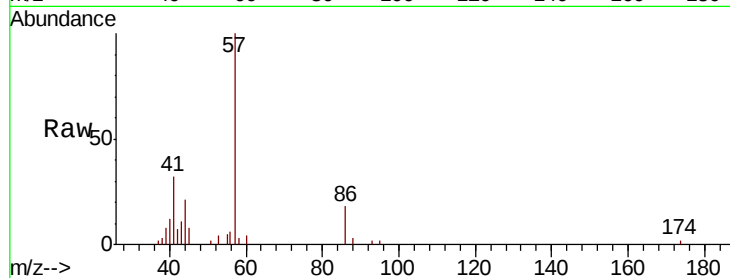
Tot Ion: 88 Resp: 142

Ion Ratio Lower Upper

88 100

43 0.0 26.9 40.3#

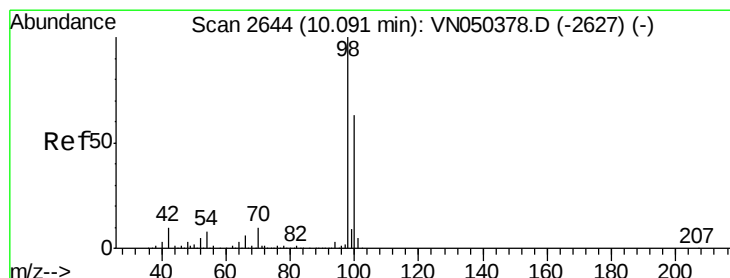
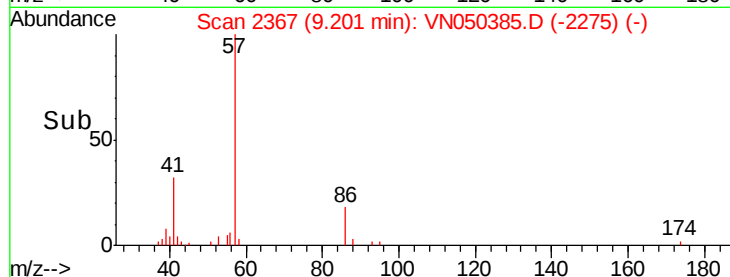
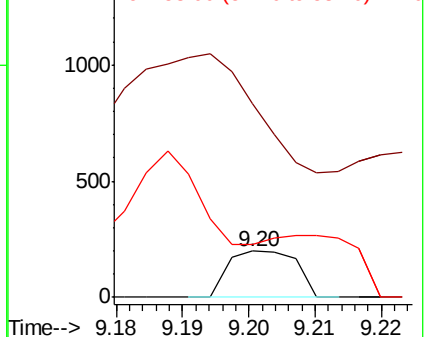
58 479.6 57.3 85.9#



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: 46.23 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050385.D

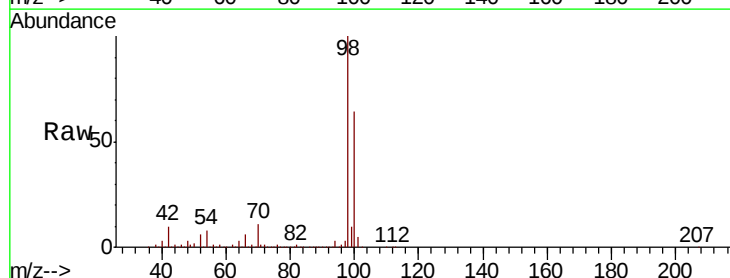
Acq: 6 Aug 2018 15:51

Tgt Ion: 98 Resp: 1661364

Ion Ratio Lower Upper

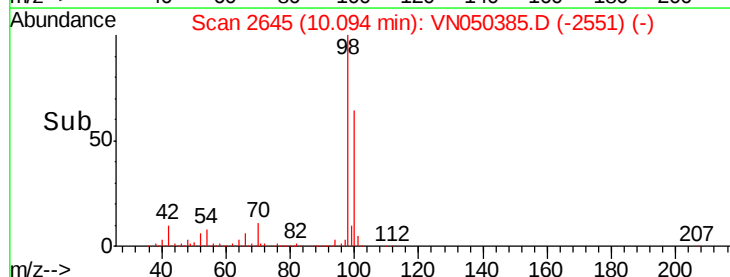
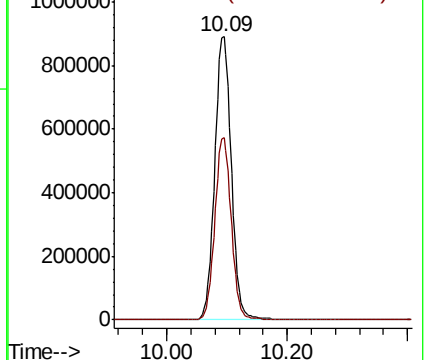
98 100

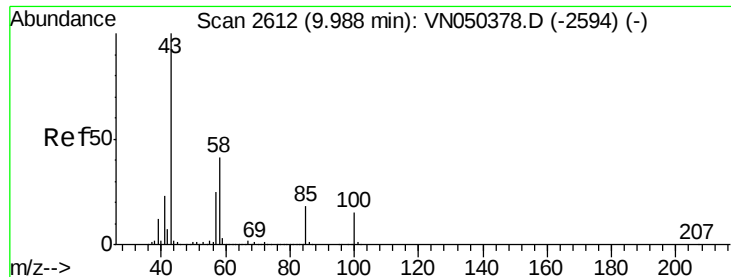
100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

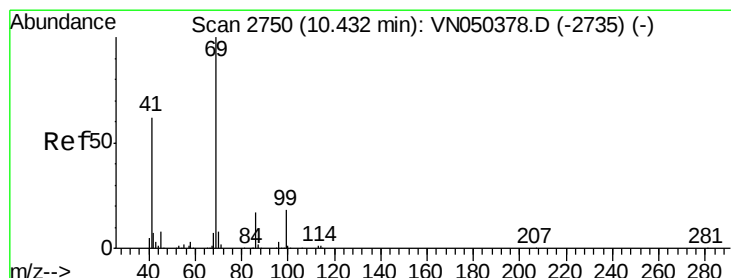
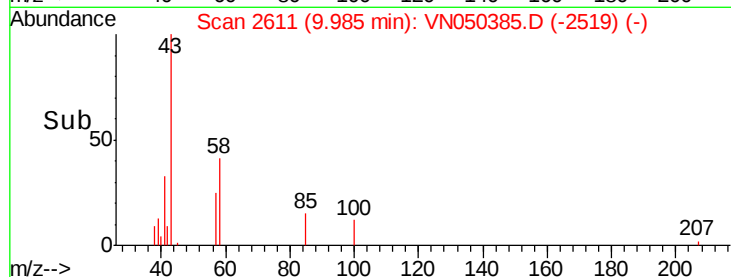
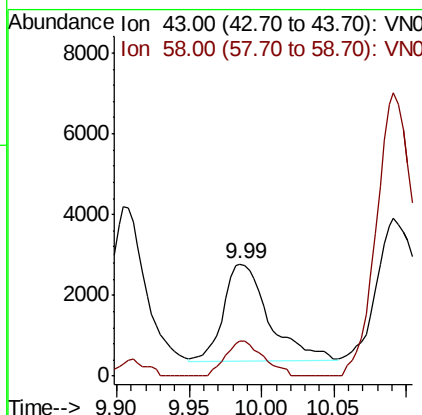
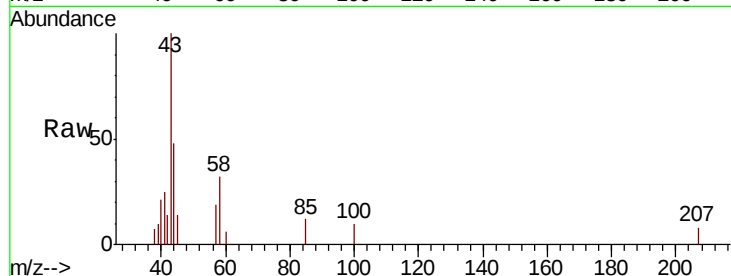




#51
 4-Methyl-2-Pentanone
 Concen: 0.44 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN050385.D
 Acq: 6 Aug 2018 15:51

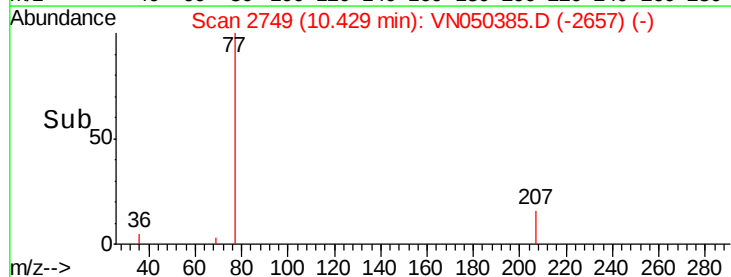
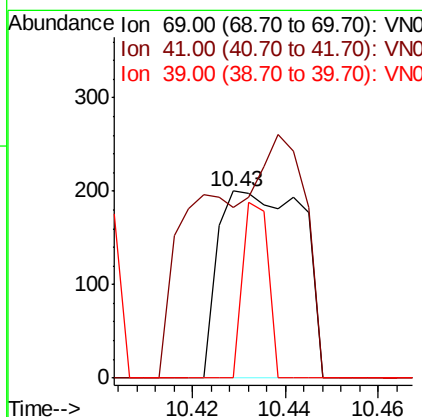
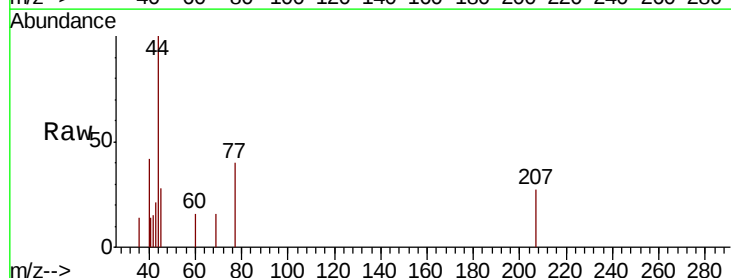
Instrument :
 MSVOA_N
 ClientSampleID :
 PB11760TB

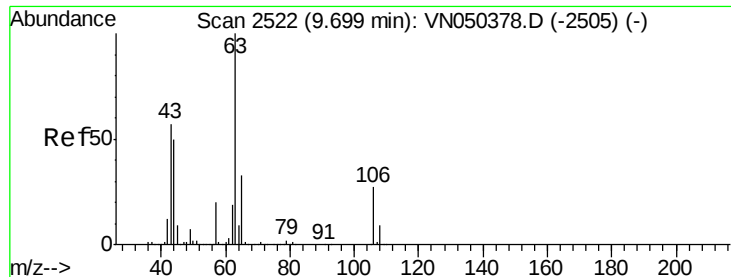
Tot Ion: 43 Resp: 5205
 Ion Ratio Lower Upper
 43 100
 58 30.4 31.9 47.9#



#56
 Ethyl methacrylate
 Concen: 1.73 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN050385.D
 Acq: 6 Aug 2018 15:51

Tgt Ion: 69 Resp: 250
 Ion Ratio Lower Upper
 69 100
 41 85.2 51.0 76.4#
 39 0.0 26.6 40.0#

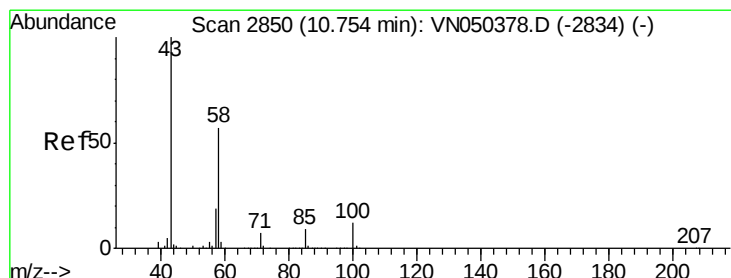
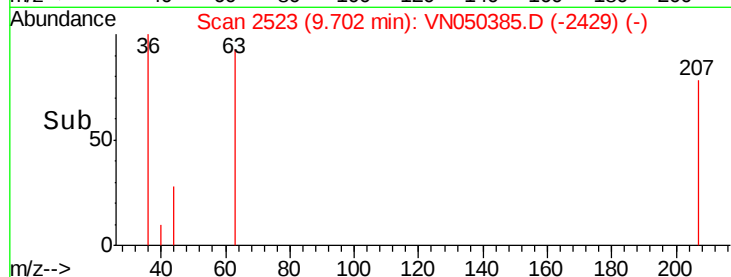
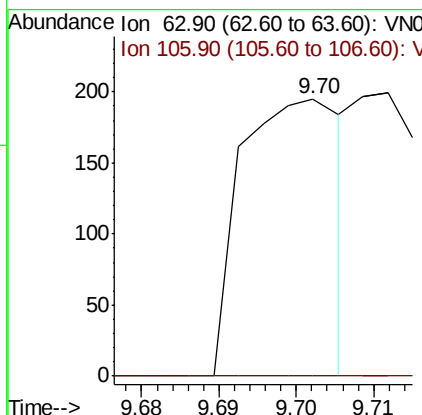
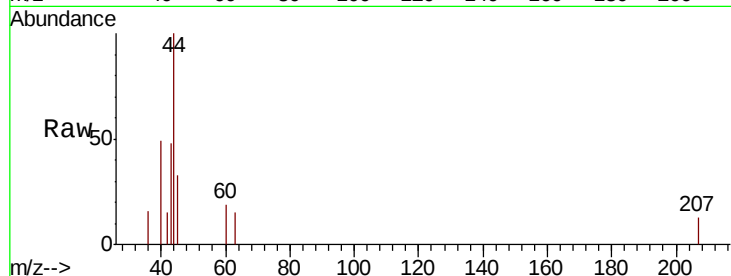




#58
2-Chloroethyl Vinyl ether
Concen: 7.42 ug/l
RT: 9.70 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VN050385.D
Acq: 6 Aug 2018 15:51

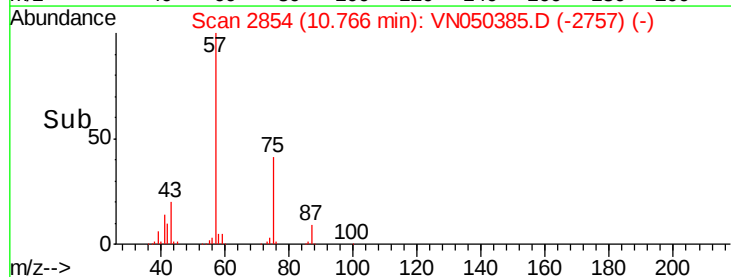
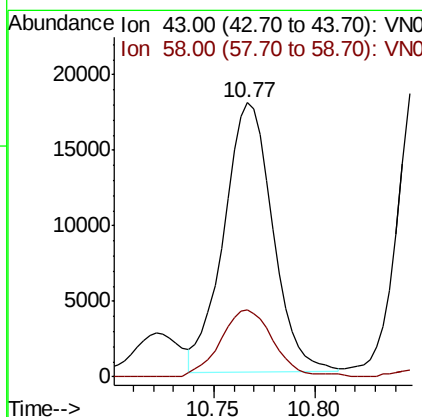
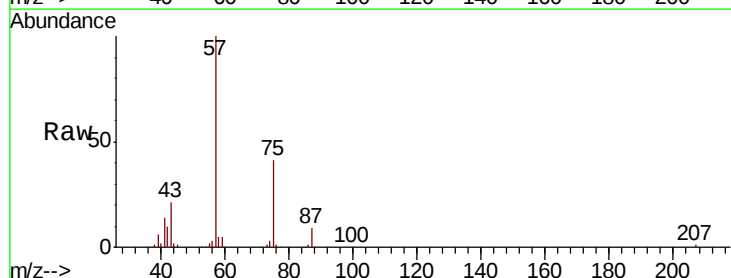
Instrument :
MSVOA_N
ClientSampled :
PB11760TB

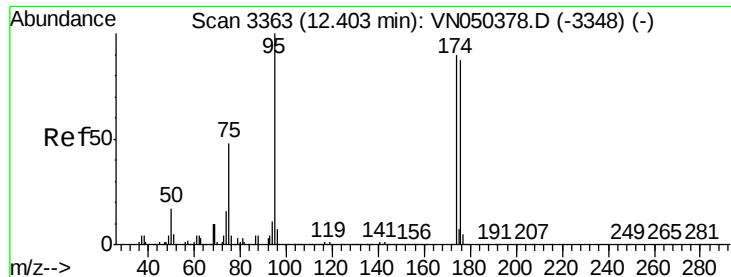
Tot Ion: 63 Resp: 175
Ion Ratio Lower Upper
63 100
106 0.0 21.7 32.5#



#59
2-Hexanone
Concen: 3.70 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050385.D
Acq: 6 Aug 2018 15:51

Tgt Ion: 43 Resp: 30290
Ion Ratio Lower Upper
43 100
58 27.0 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 41.15 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050385.D

Acq: 6 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

PB11760TB

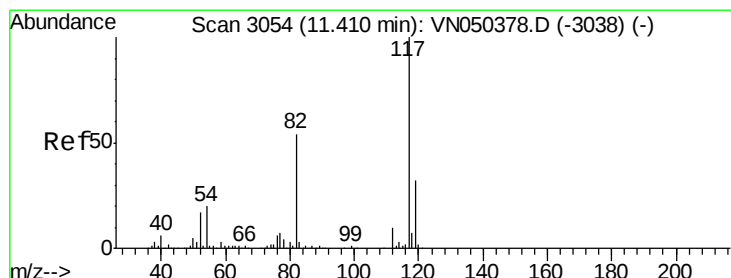
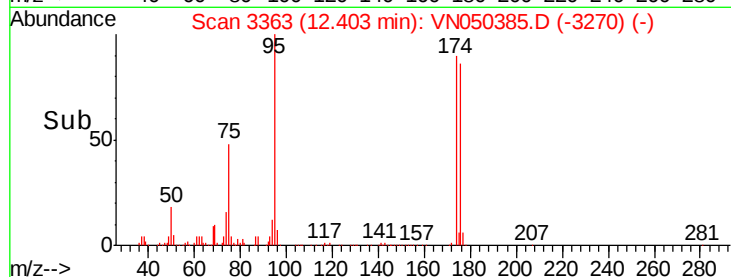
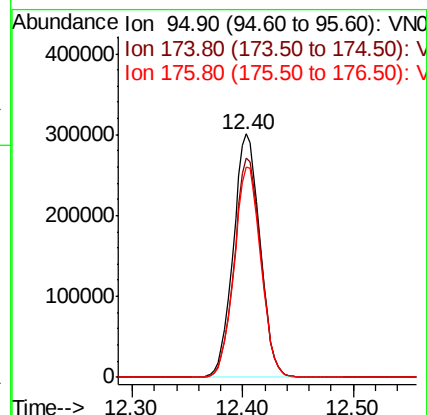
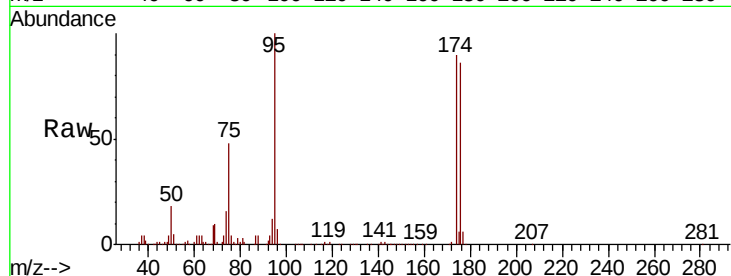
Tot Ion: 95 Resp: 504089

Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.2

176 86.5 0.0 173.4



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050385.D

Acq: 6 Aug 2018 15:51

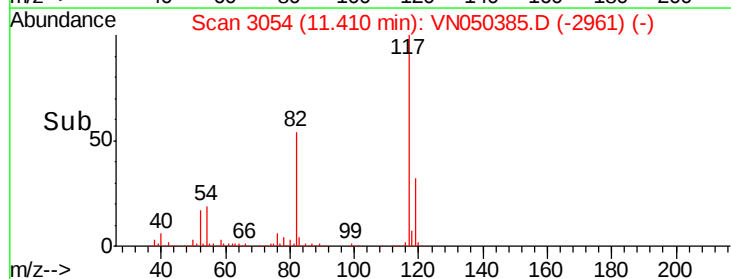
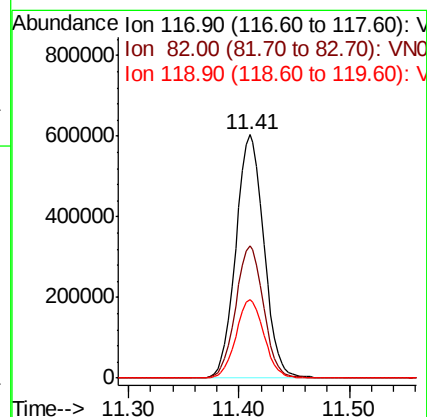
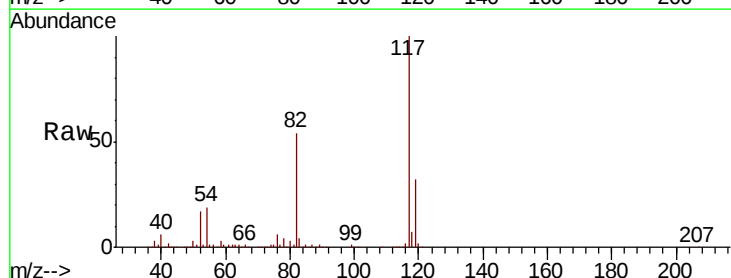
Tgt Ion: 117 Resp: 1066064

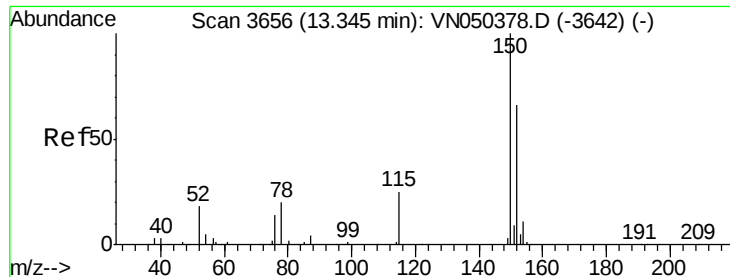
Ion Ratio Lower Upper

117 100

82 54.2 43.7 65.5

119 32.4 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050385.D

Acq: 6 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampled :

PB11760TB

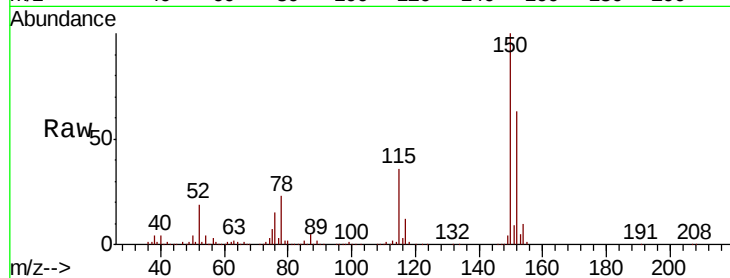
Tot Ion:152 Resp: 430932

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.3

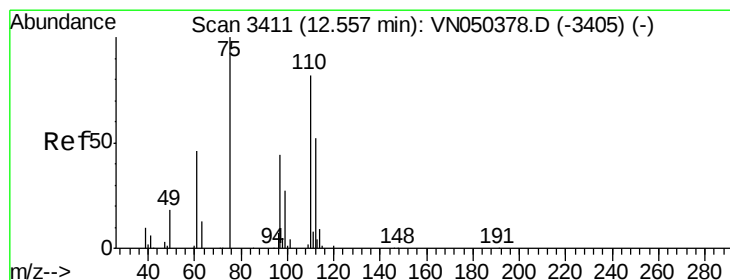
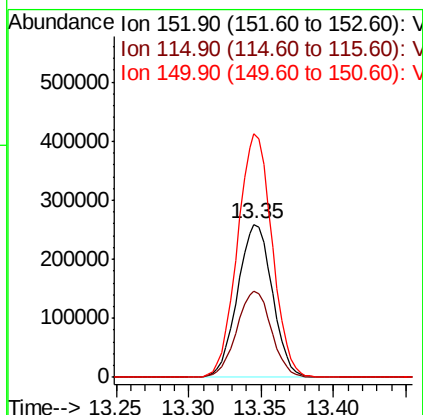
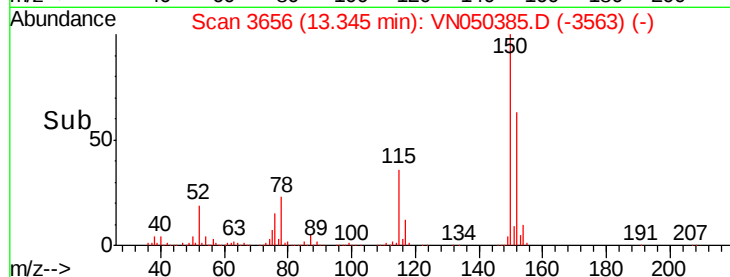
150 158.2 0.0 348.6



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



#76

1,2,3-Trichloropropane

Concen: 31.24 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050385.D

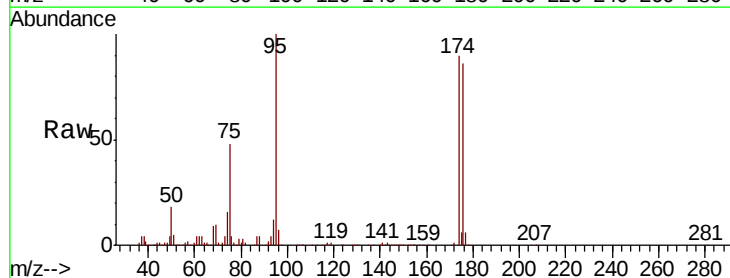
Acq: 6 Aug 2018 15:51

Tgt Ion: 75 Resp: 243649

Ion Ratio Lower Upper

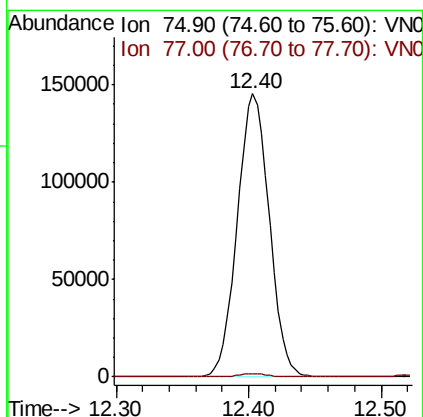
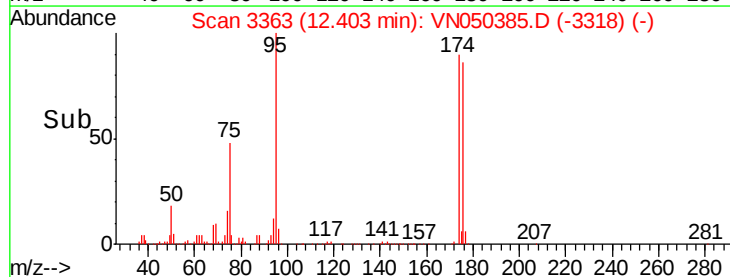
75 100

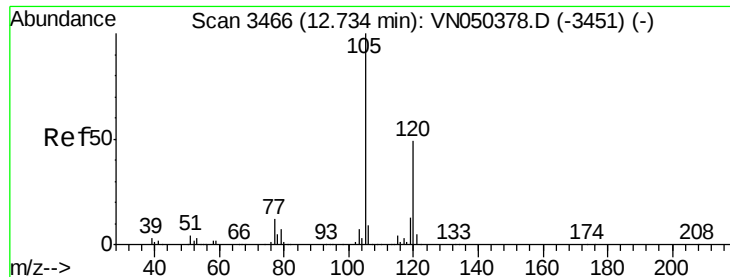
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.33 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050385.D

Acq: 6 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampled :

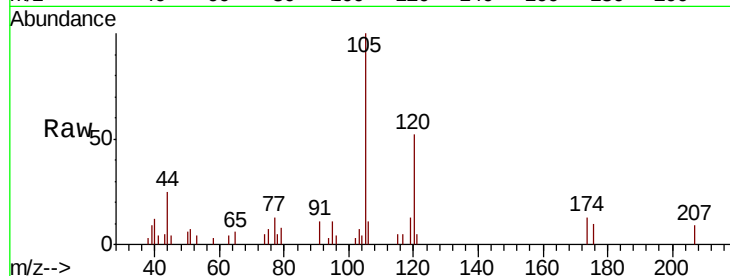
PB11760TB

Tot Ion:105 Resp: 8654

Ion Ratio Lower Upper

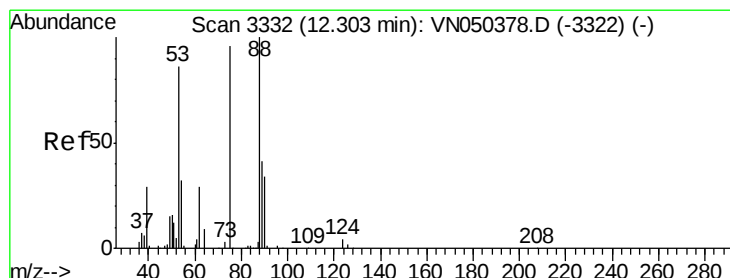
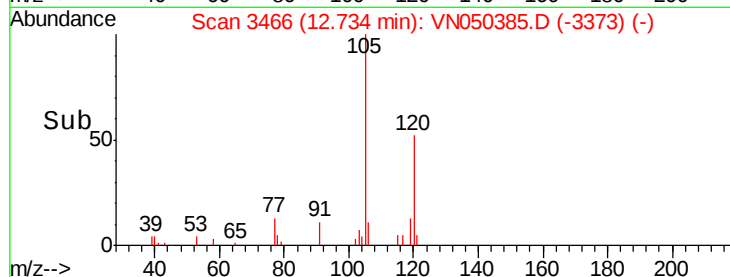
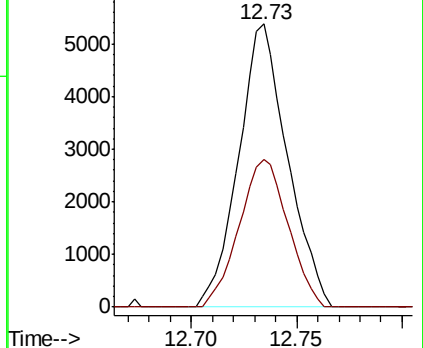
105 100

120 52.1 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 109.75 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050385.D

Acq: 6 Aug 2018 15:51

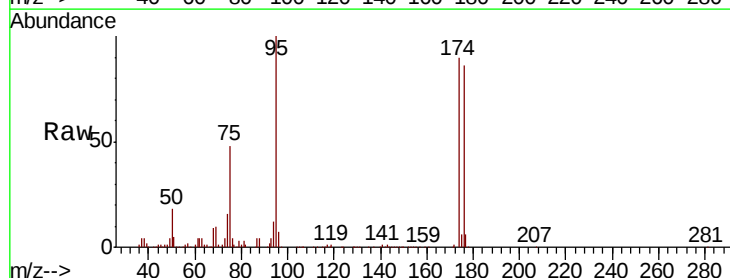
Tgt Ion: 75 Resp: 243649

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

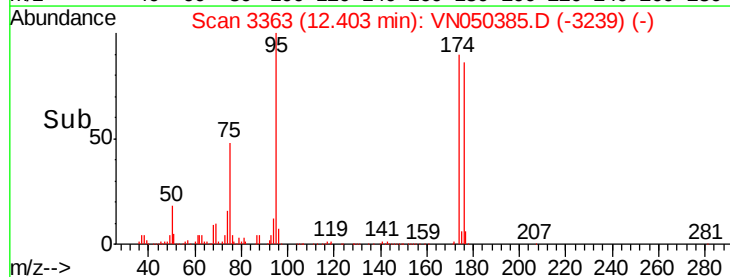
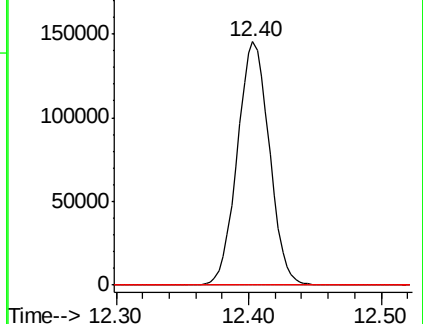
89 0.0 36.0 54.0#

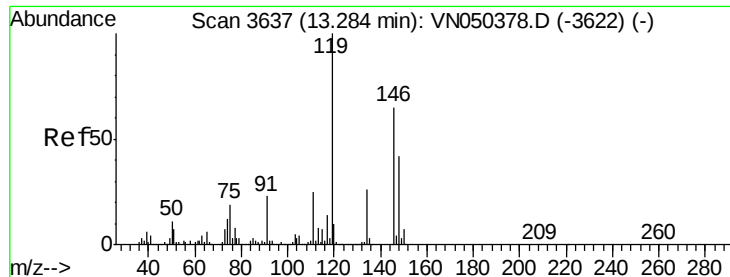


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#87

1,3-Dichlorobenzene

Concen: 0.23 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.01 min

Lab File: VN050385.D

Acq: 6 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

PB11760TB

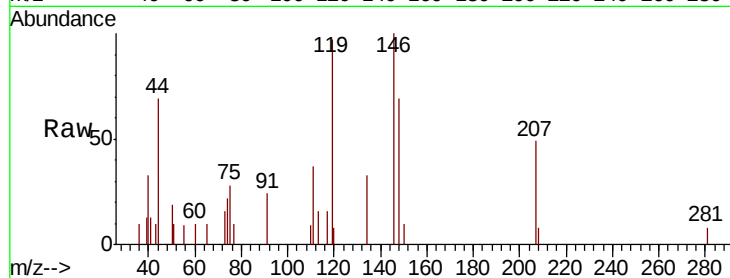
Tot Ion:146 Resp: 3552

Ion Ratio Lower Upper

146 100

111 39.4 18.8 56.4

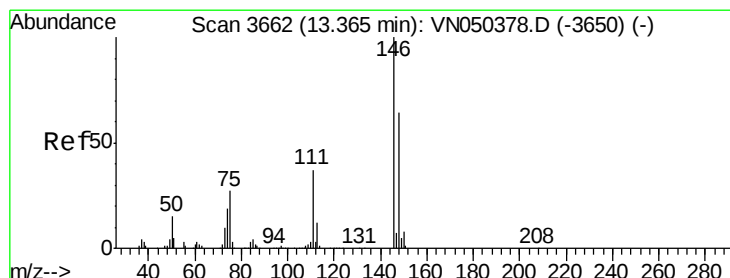
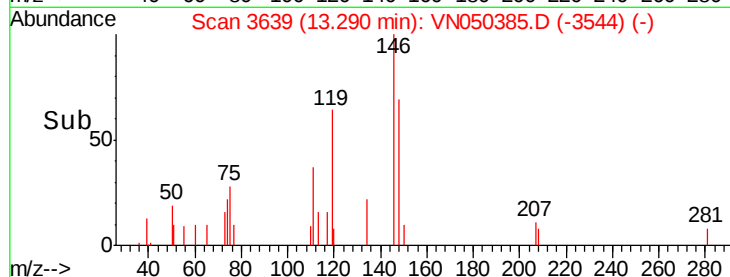
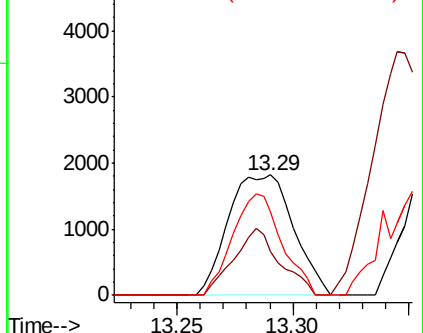
148 63.7 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.23 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.07 min

Lab File: VN050385.D

Acq: 6 Aug 2018 15:51

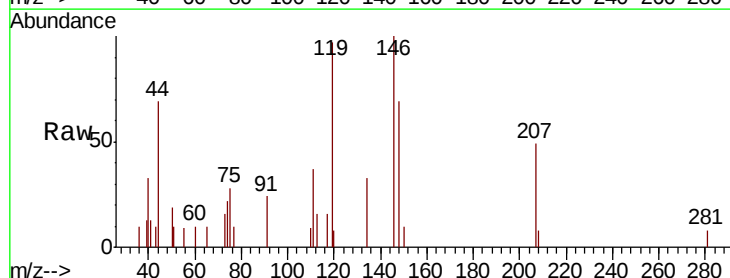
Tgt Ion:146 Resp: 3552

Ion Ratio Lower Upper

146 100

111 39.4 18.3 54.9

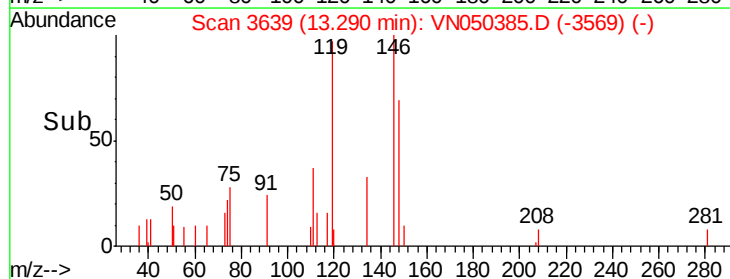
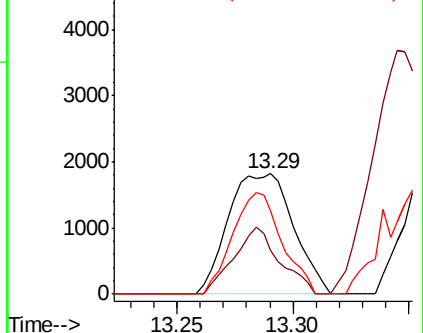
148 63.7 31.9 95.9

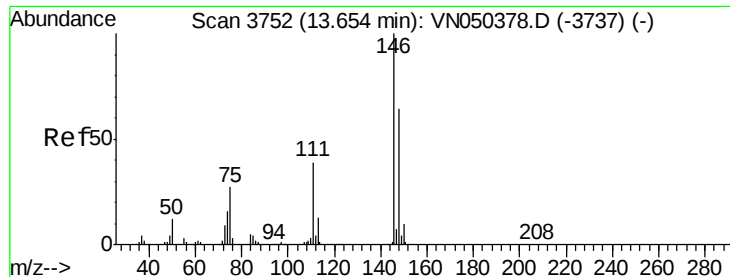


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

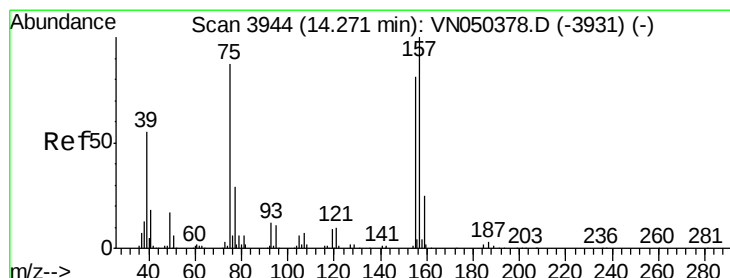
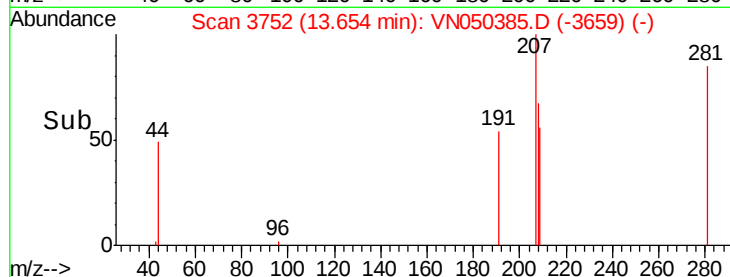
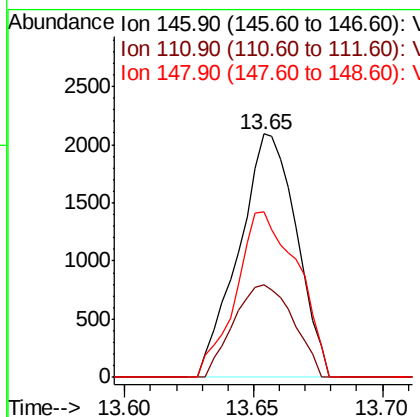
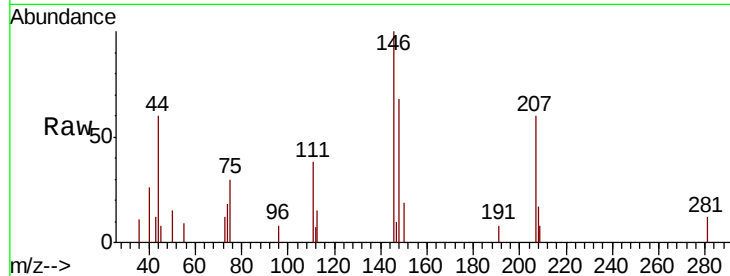




#91
 1,2-Dichlorobenzene
 Concen: 0.21 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050385.D
 Acq: 6 Aug 2018 15:51

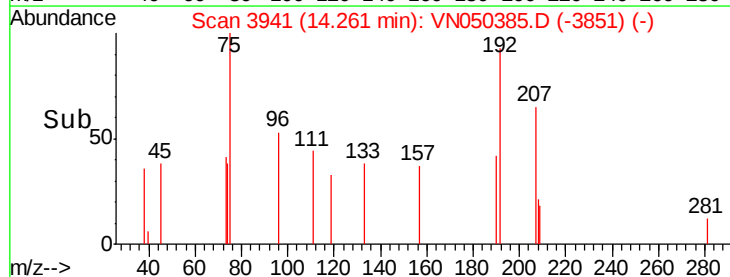
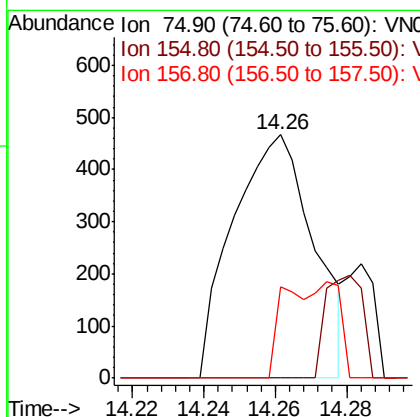
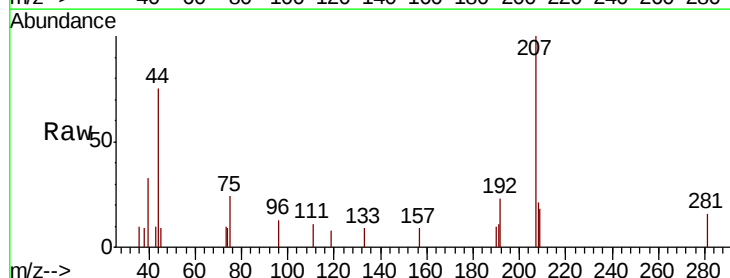
Instrument :
 MSVOA_N
 ClientSampled :
 PB11760TB

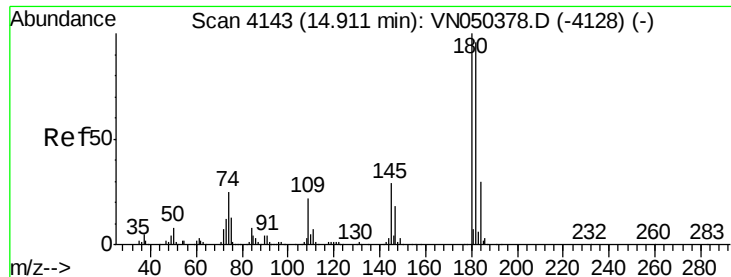
Tot Ion:146 Resp: 3264
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.7
 148 72.7 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.46 ug/l
 RT: 14.26 min Scan# 3941
 Delta R.T. -0.01 min
 Lab File: VN050385.D
 Acq: 6 Aug 2018 15:51

Tgt Ion: 75 Resp: 730
 Ion Ratio Lower Upper
 75 100
 155 19.3 44.8 134.4#
 157 12.9 57.2 171.6#

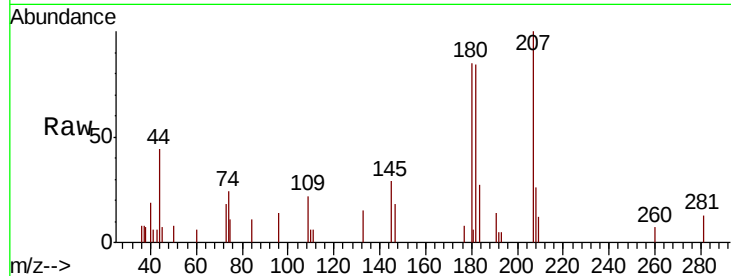




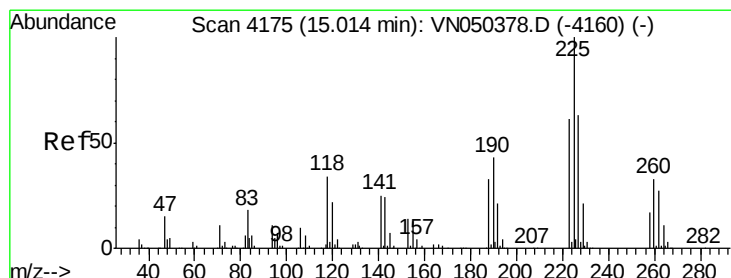
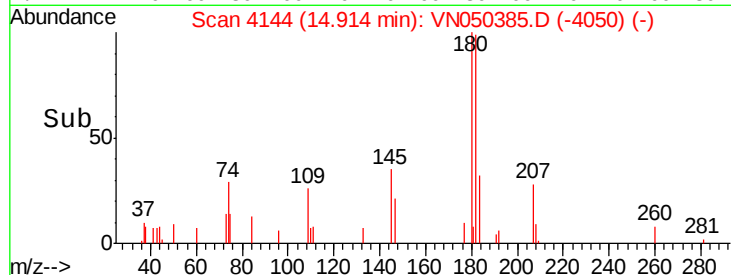
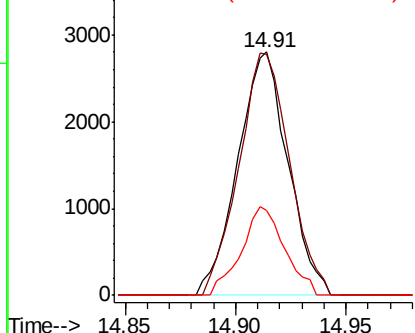
#93
 1,2,4-Trichlorobenzene
 Concen: 0.56 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN050385.D
 Acq: 6 Aug 2018 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB11760TB

Tot Ion:180 Resp: 4434
 Ion Ratio Lower Upper
 180 100
 182 99.8 46.7 140.1
 145 31.3 13.8 41.4

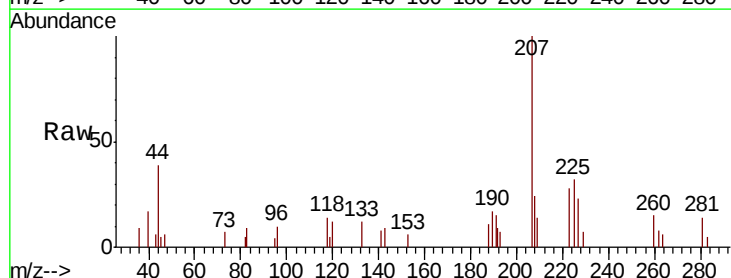


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

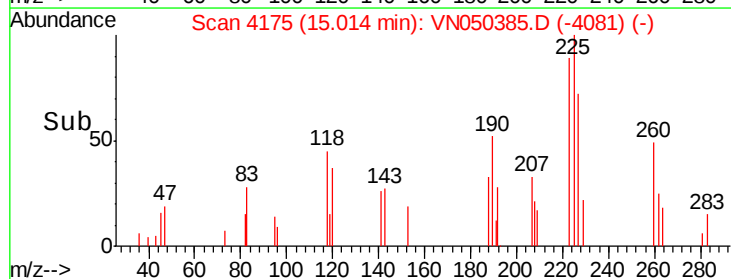
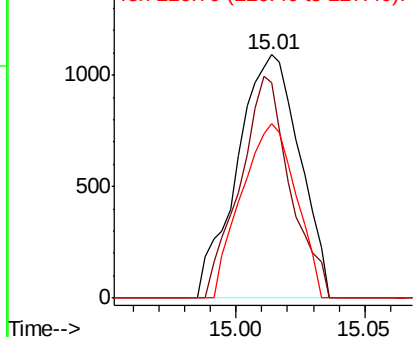


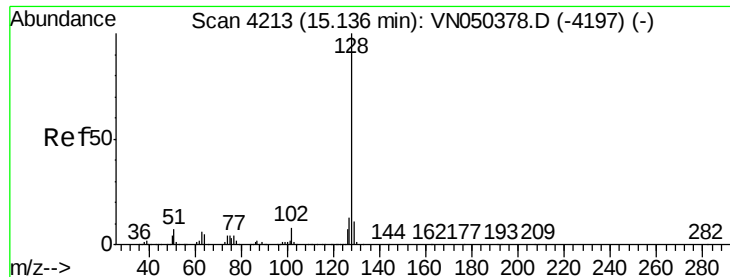
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050385.D
 Acq: 6 Aug 2018 15:51

Tgt Ion:225 Resp: 1844
 Ion Ratio Lower Upper
 225 100
 223 73.5 31.4 94.2
 227 62.7 32.1 96.5



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: 4.17 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050385.D

Acq: 6 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

PB11760TB

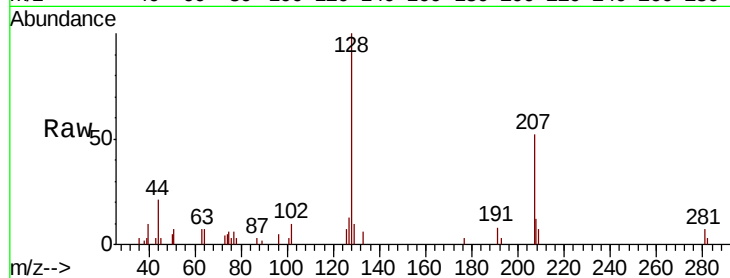
Tot Ion:128 Resp: 12451

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

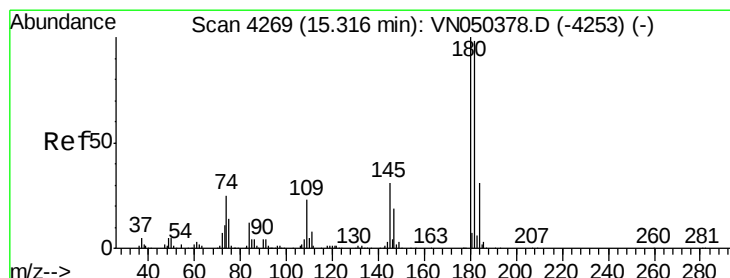
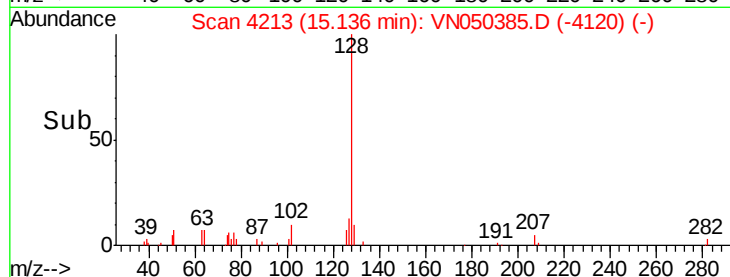
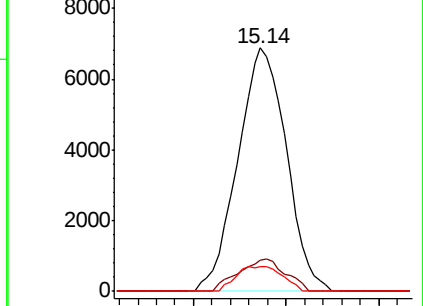
129 9.8 8.8 13.2



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: 0.60 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN050385.D

Acq: 6 Aug 2018 15:51

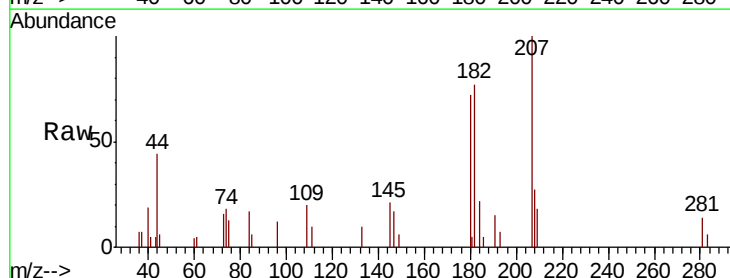
Tgt Ion:180 Resp: 4759

Ion Ratio Lower Upper

180 100

182 93.7 48.1 144.4

145 30.4 15.3 45.9



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

