

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062118\
 Data File : VN049484.D
 Acq On : 21 Jun 2018 22:11
 Operator : MD\SY
 Sample : J3622-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 22 03:43:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1185026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1862926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1542814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	515012	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	789030	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
35) Dibromofluoromethane	7.60	113	684394	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	
50) Toluene-d8	10.09	98	2546244	44.37	ug/l	0.00
Spiked Amount			Recovery	=	88.74%	
62) 4-Bromofluorobenzene	12.40	95	689848	36.35	ug/l	0.00
Spiked Amount			Recovery	=	72.70%	

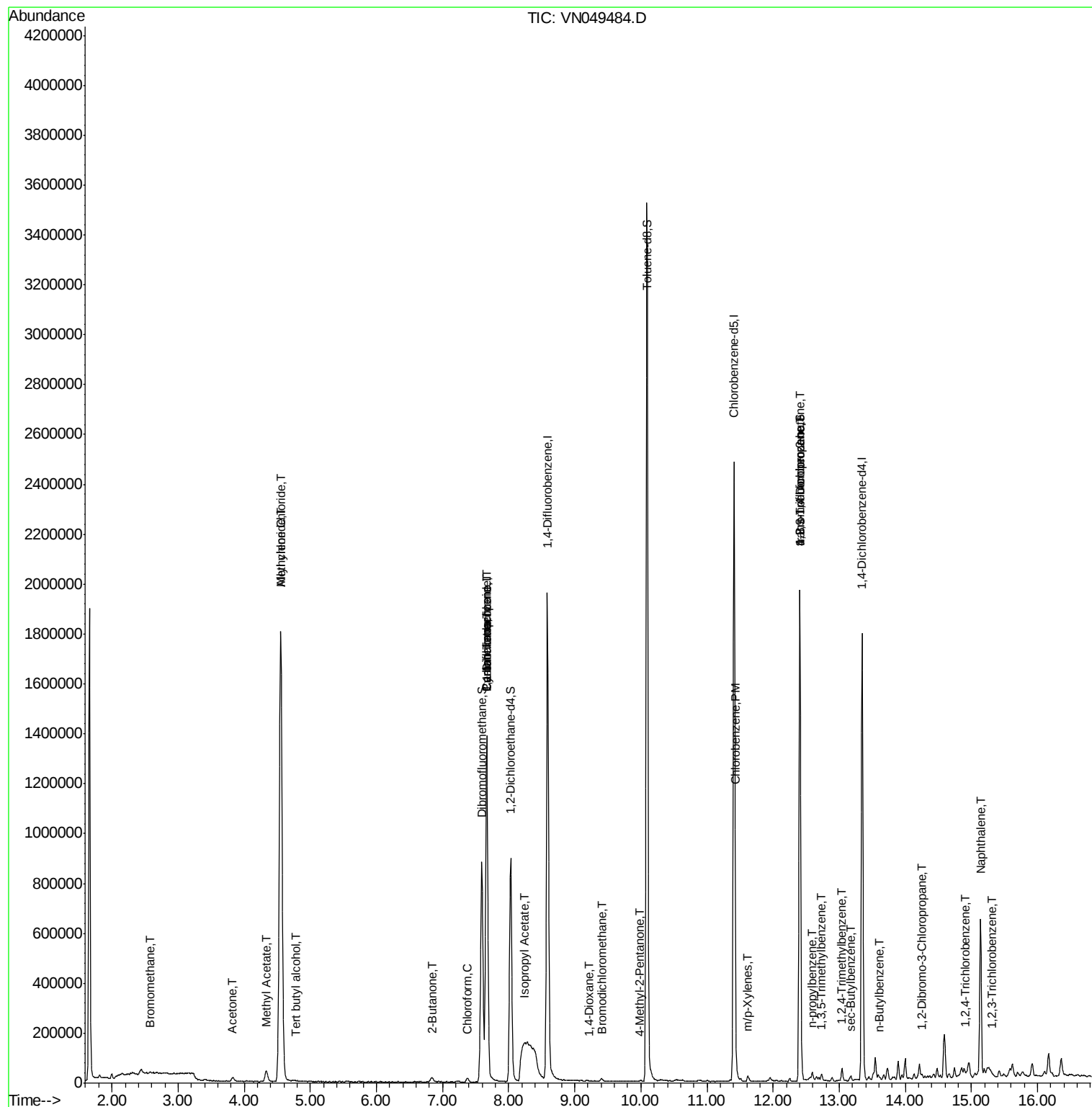
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.58	94	3303	0.34	ug/l #	74
11) Tert butyl alcohol	4.77	59	302	0.33	ug/l #	70
14) Allyl chloride	4.55	41	47004	2.19	ug/l #	21
16) Acetone	3.82	43	26085	6.84	ug/l	91
18) Methyl Acetate	4.33	43	83958	7.22	ug/l	96
20) Methylene Chloride	4.55	84	1392232	87.35	ug/l	92
25) 2-Butanone	6.85	43	2951	0.58	ug/l #	89
30) Chloroform	7.37	83	15782	0.58	ug/l	98
31) Cyclohexane	7.67	56	22124	0.78	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	84193	3.94	ug/l #	50
38) Carbon Tetrachloride	7.67	117	104798	4.74	ug/l #	17
43) Isopropyl Acetate	8.24	43	194747	8.78	ug/l #	64
47) Bromodichloromethane	9.40	83	7097	0.32	ug/l	91
49) 1,4-Dioxane	9.21	88	61	0.42	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	2391	0.21	ug/l #	79
65) Chlorobenzene	11.44	112	10380	0.26	ug/l	98
68) m/p-Xylenes	11.62	106	6570	0.27	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.51	83	74	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	327191	37.23	ug/l #	100
78) n-propylbenzene	12.59	91	19940	0.40	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	8972	0.25	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	327191	117.68	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	27705	0.78	ug/l	100
85) sec-Butylbenzene	13.17	105	11169	0.27	ug/l	84
89) n-Butylbenzene	13.62	91	7130	0.26	ug/l #	75
90) Hexachloroethane	13.89	117	5136	Below	Cal #	9
92) 1,2-Dibromo-3-Chloropropan	14.26	75	345	0.22	ug/l #	25
93) 1,2,4-Trichlorobenzene	14.91	180	1606	4.91	ug/l #	60
95) Naphthalene	15.14	128	554095	37.18	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	501	3.51	ug/l #	1

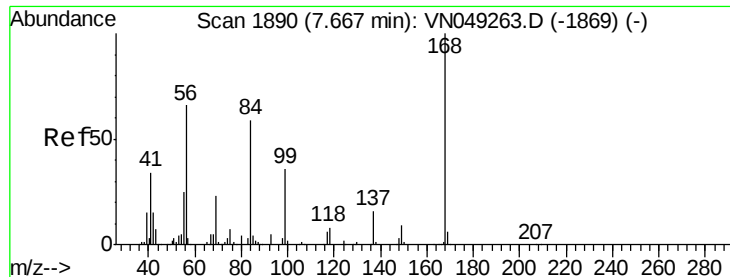
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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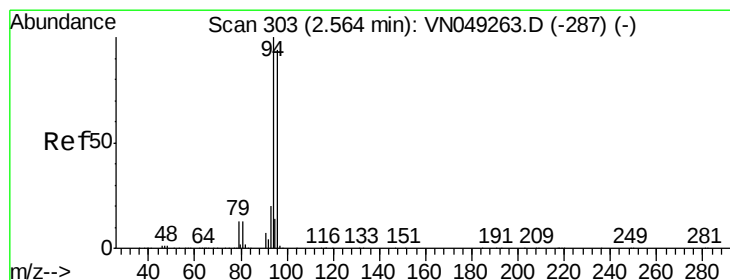
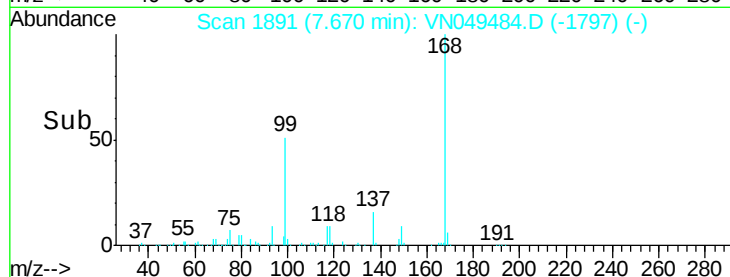
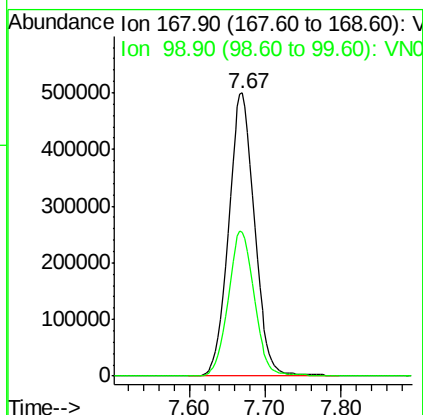
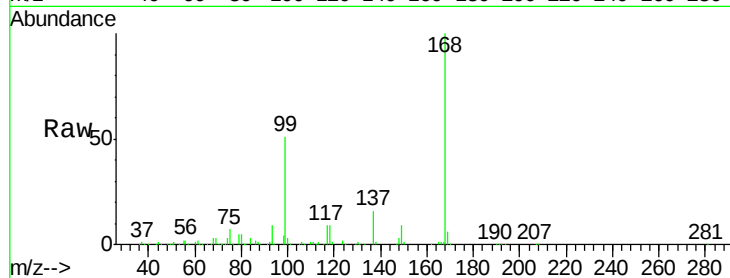




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN049484.D
Acq: 21 Jun 2018 22:11

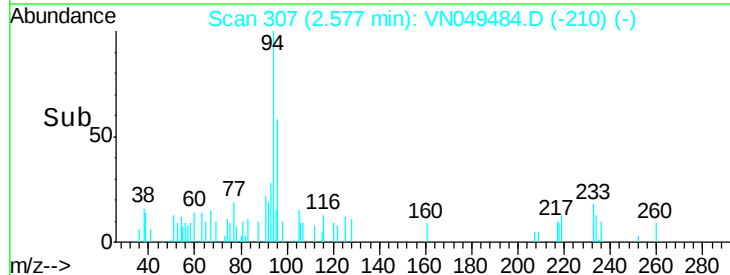
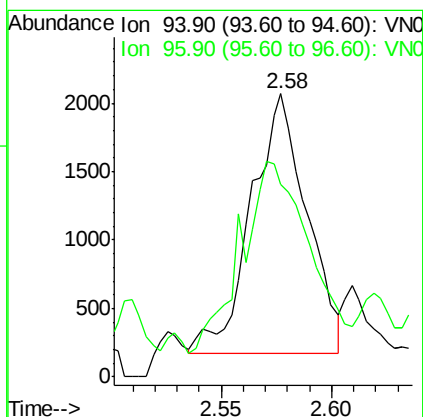
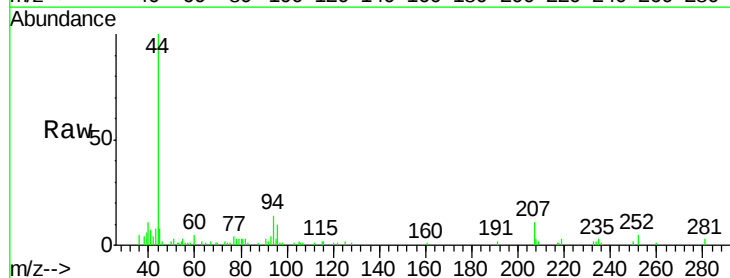
Instrument :
MSVOA_N
ClientSampleId :

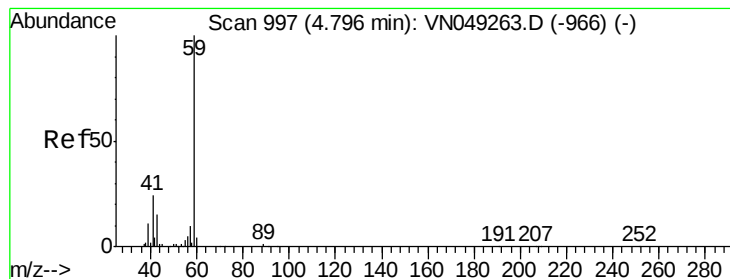
Tot Ion:168 Resp: 1185026
Ion Ratio Lower Upper
168 100
99 50.8 45.8 68.6



#5
Bromomethane
Concen: 0.34 ug/l
RT: 2.58 min Scan# 307
Delta R.T. 0.01 min
Lab File: VN049484.D
Acq: 21 Jun 2018 22:11

Tgt Ion: 94 Resp: 3303
Ion Ratio Lower Upper
94 100
96 66.1 72.8 109.2#



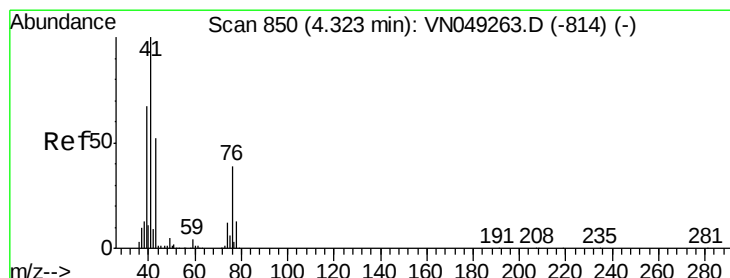
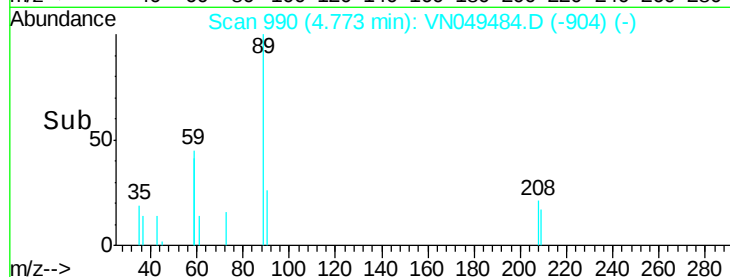
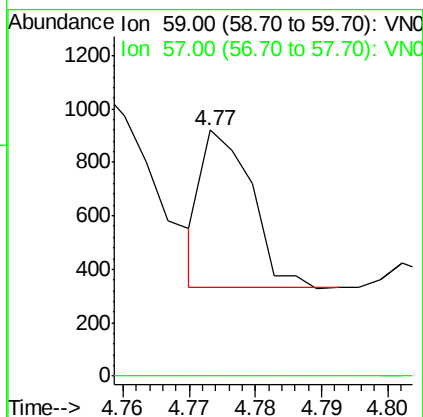
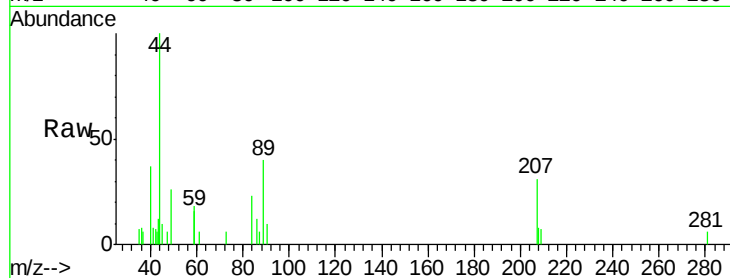


#11

Tert butyl alcohol
 Concen: 0.33 ug/l
 RT: 4.77 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: VN049484.D
 Acq: 21 Jun 2018 22:11

Instrument :
 MSVOA_N
 ClientSampled :

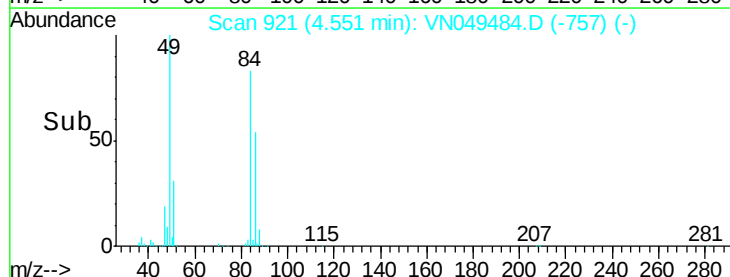
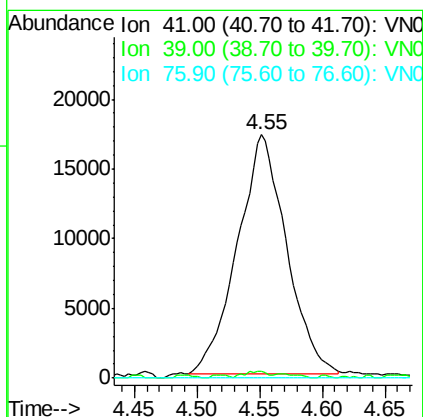
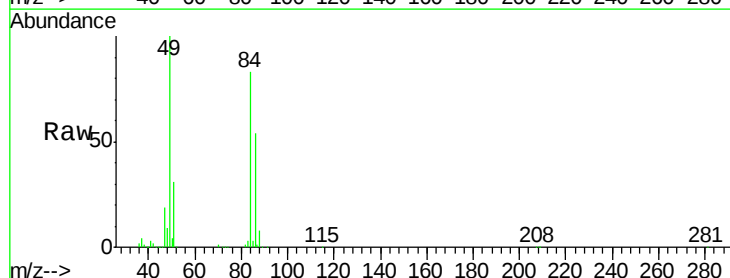
Tot Ion: 59 Resp: 302
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

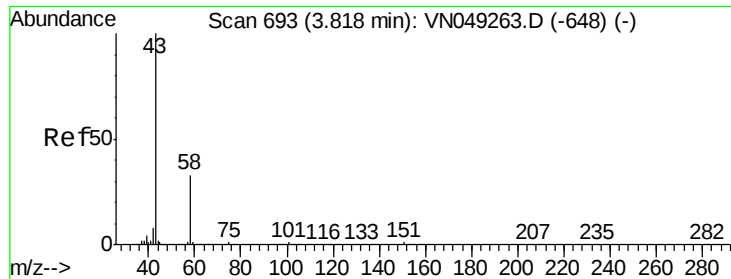


#14

Allyl chloride
 Concen: 2.19 ug/l
 RT: 4.55 min Scan# 921
 Delta R.T. 0.23 min
 Lab File: VN049484.D
 Acq: 21 Jun 2018 22:11

Tgt Ion: 41 Resp: 47004
 Ion Ratio Lower Upper
 41 100
 39 1.3 62.5 93.7#
 76 0.0 27.1 40.7#





#16

Acetone

Concen: 6.84 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

Instrument :

MSVOA_N

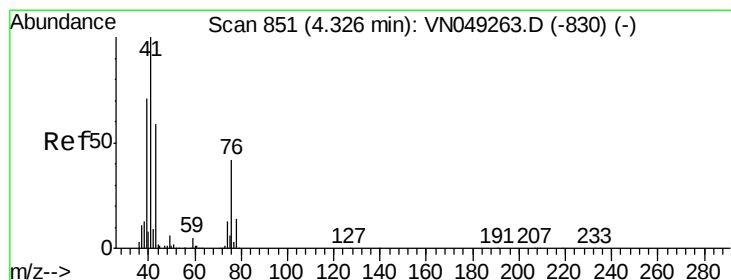
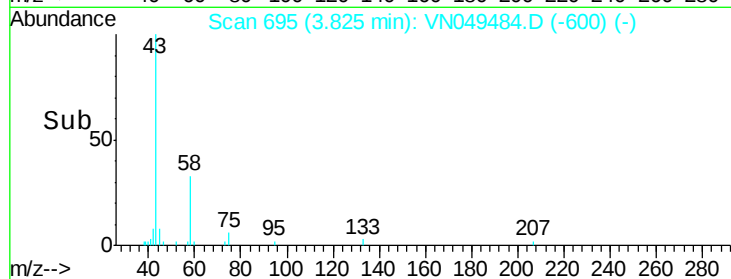
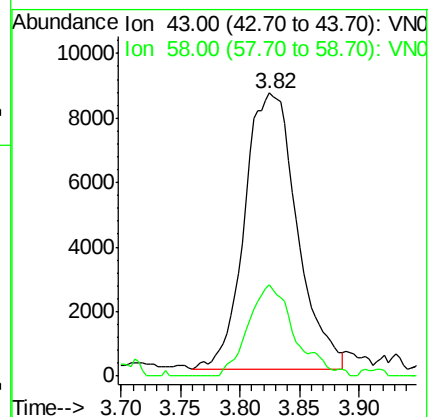
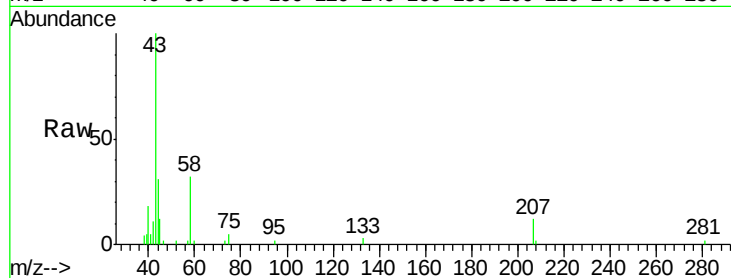
ClientSampleId :

Tot Ion: 43 Resp: 26085

Ion Ratio Lower Upper

43 100

58 32.9 22.4 33.6



#18

Methyl Acetate

Concen: 7.22 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049484.D

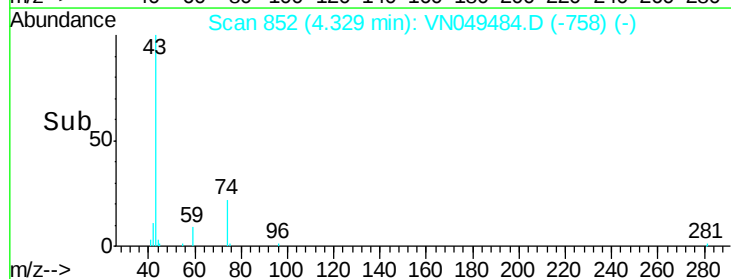
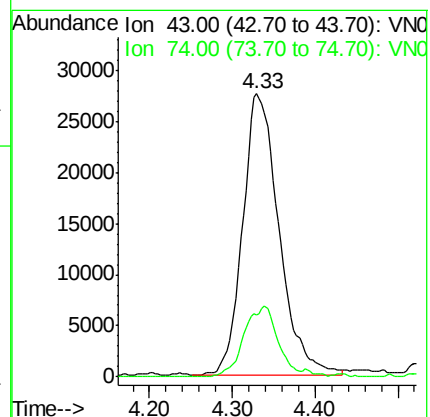
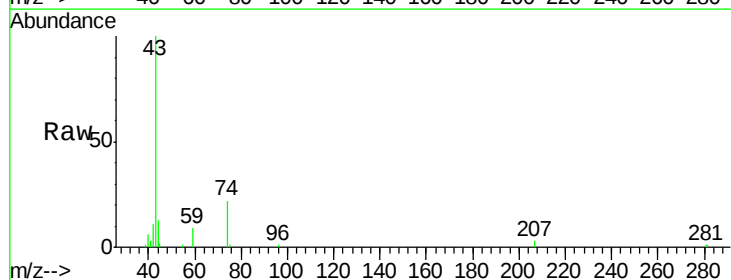
Acq: 21 Jun 2018 22:11

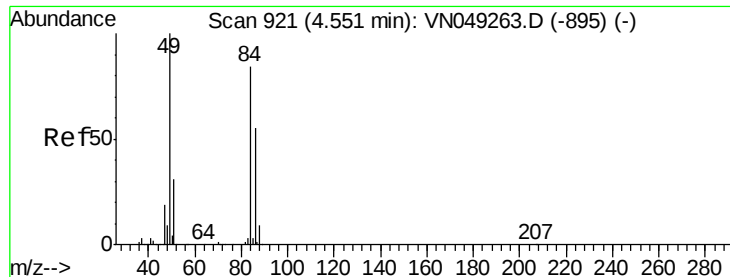
Tgt Ion: 43 Resp: 83958

Ion Ratio Lower Upper

43 100

74 23.4 17.4 26.0

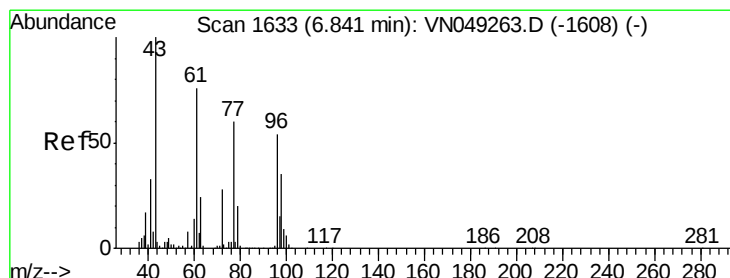
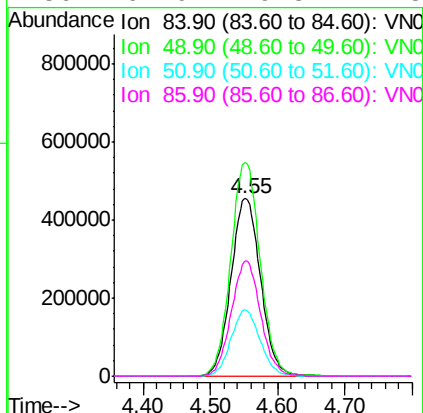
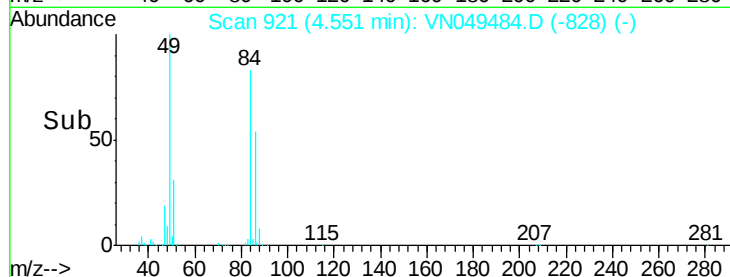
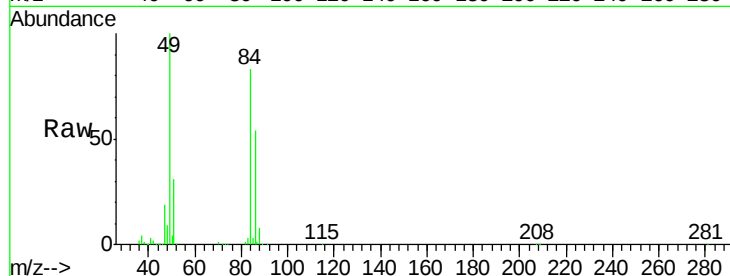




#20
Methvlene Chloride
Concen: 87.35 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049484.D
Acq: 21 Jun 2018 22:11

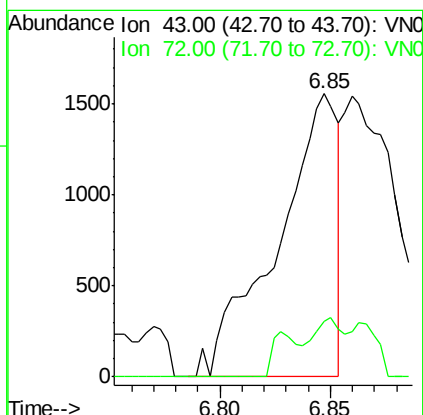
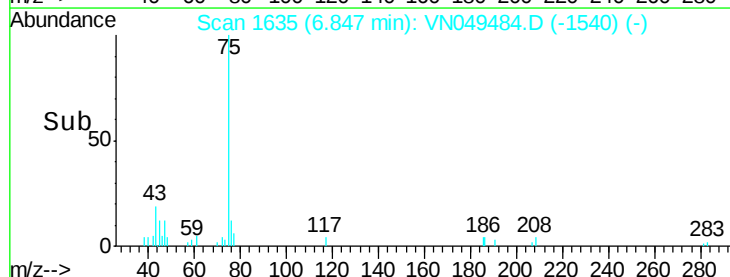
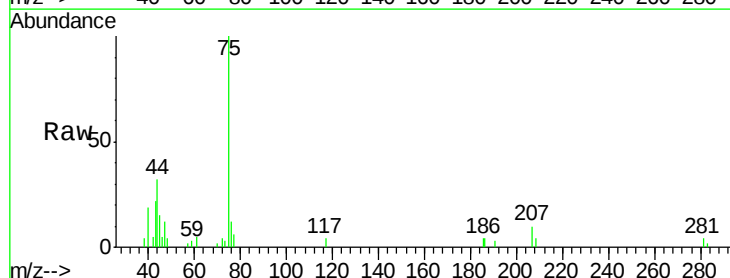
Instrument :
MSVOA_N
ClientSampleId :

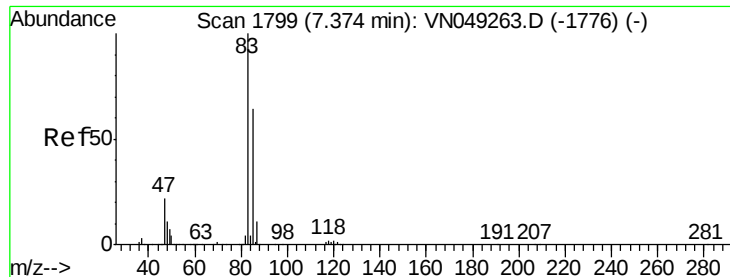
Tot Ion: 84 Resp: 1392232
Ion Ratio Lower Upper
84 100
49 120.2 106.9 160.3
51 37.5 32.7 49.1
86 64.9 49.8 74.8



#25
2-Butanone
Concen: 0.58 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049484.D
Acq: 21 Jun 2018 22:11

Tgt Ion: 43 Resp: 2951
Ion Ratio Lower Upper
43 100
72 19.7 20.2 30.2#

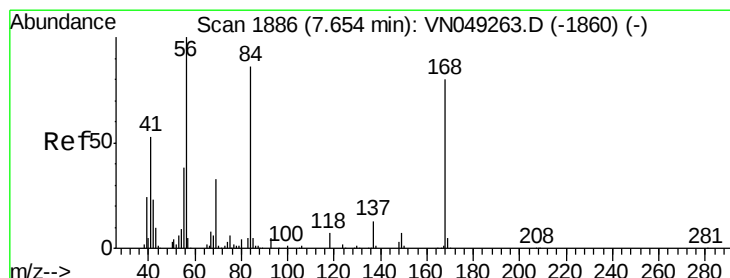
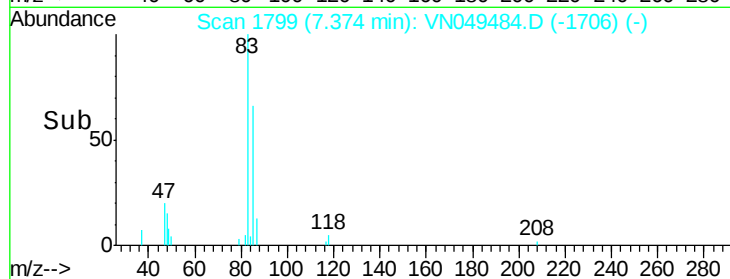
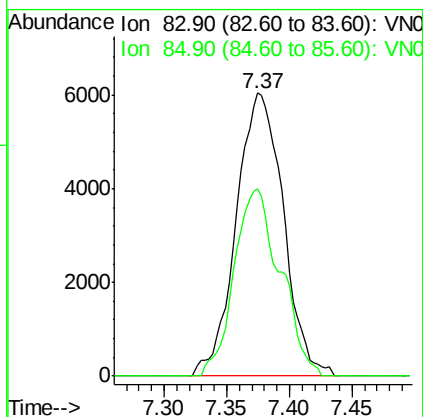
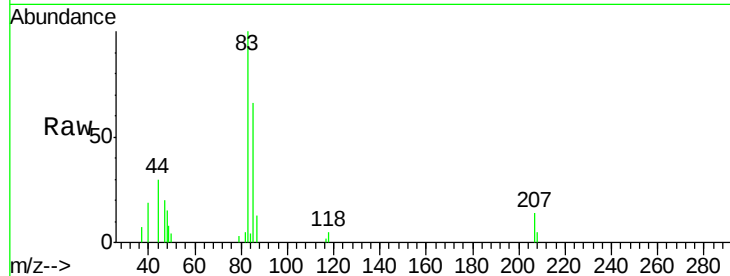




#30
Chloroform
Concen: 0.58 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049484.D
Acq: 21 Jun 2018 22:11

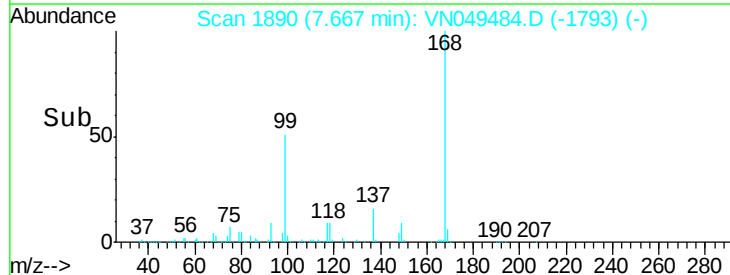
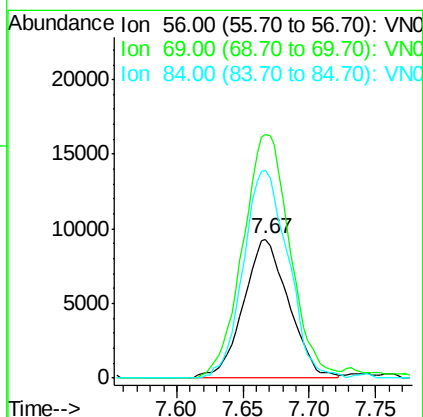
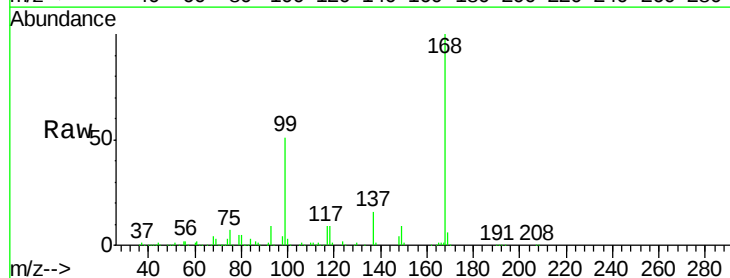
Instrument :
MSVOA_N
ClientSampleId :

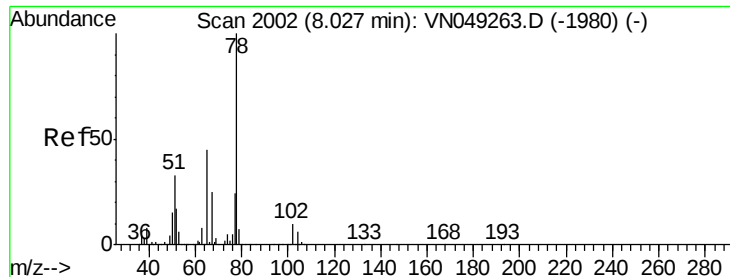
Tot Ion: 83 Resp: 15782
Ion Ratio Lower Upper
83 100
85 66.1 51.7 77.5



#31
Cyclohexane
Concen: 0.78 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049484.D
Acq: 21 Jun 2018 22:11

Tgt Ion: 56 Resp: 22124
Ion Ratio Lower Upper
56 100
69 178.0 25.0 37.4#
84 151.6 64.6 96.8#





#33

1,2-Dichloroethane-d4

Concen: 50.20 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

Instrument :

MSVOA_N

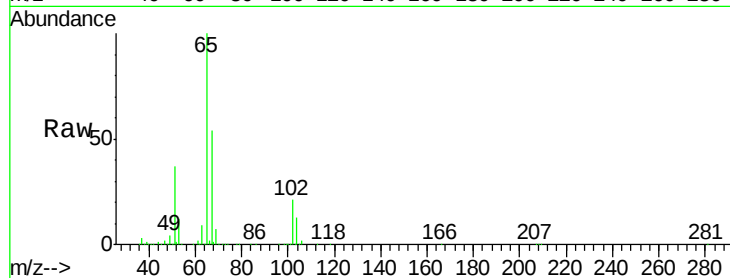
ClientSampleId :

Tot Ion: 65 Resp: 789030

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

300000

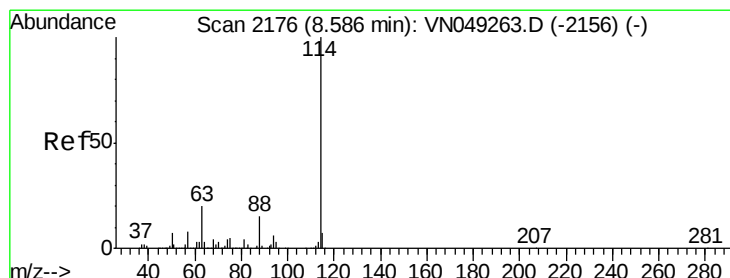
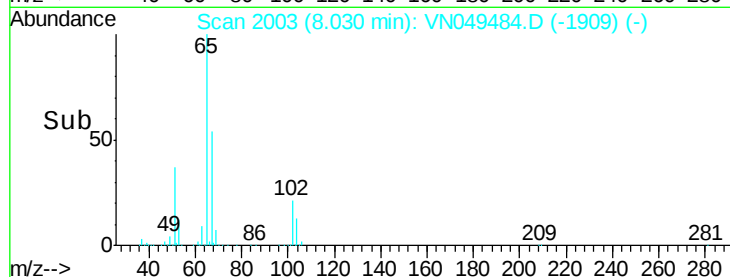
200000

100000

0

Time-->

7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

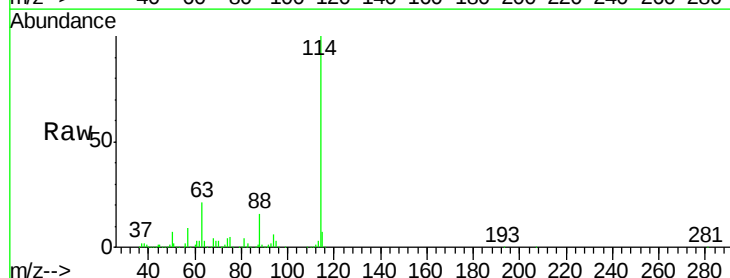
Tgt Ion: 114 Resp: 1862926

Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.4

88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

1000000

800000

600000

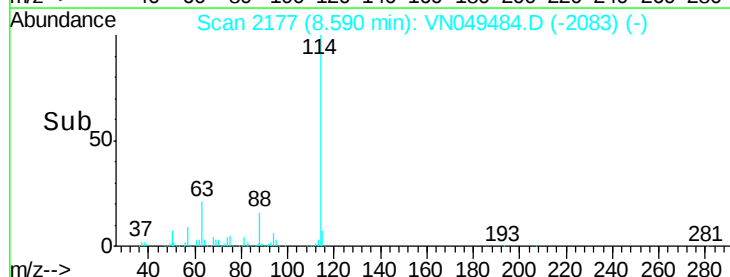
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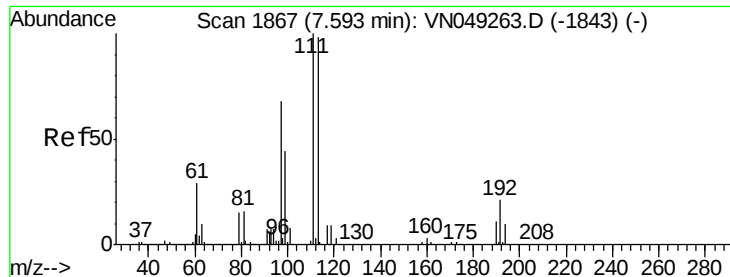
200000

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Time-->

8.40 8.50 8.60 8.70 8.80

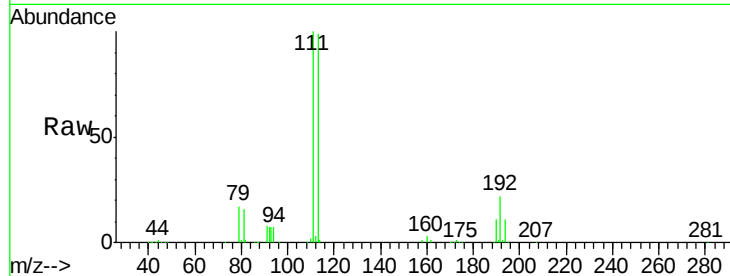




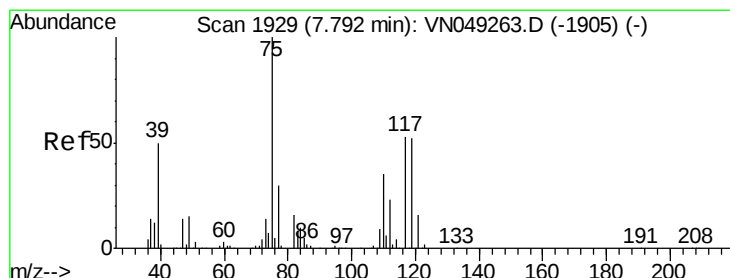
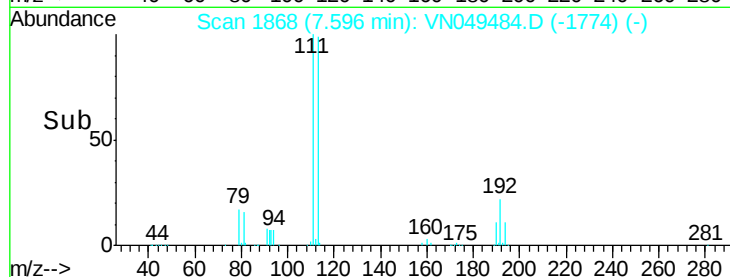
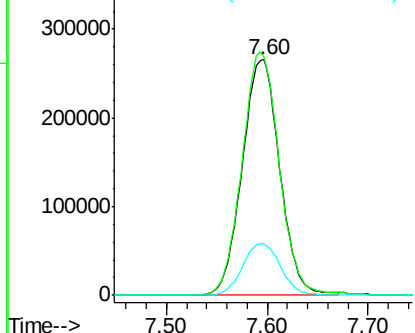
#35
 Dibromofluoromethane
 Concen: 45.41 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN049484.D
 Acq: 21 Jun 2018 22:11

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 684394
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.4 123.6
 192 22.2 15.0 22.6

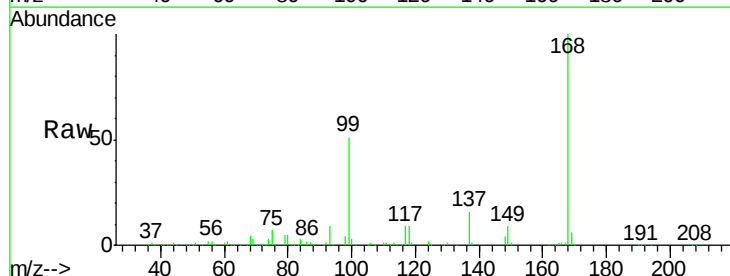


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

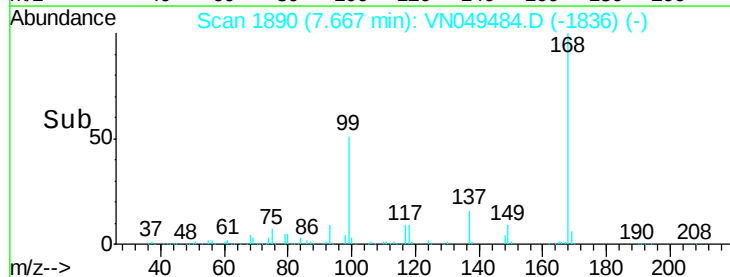
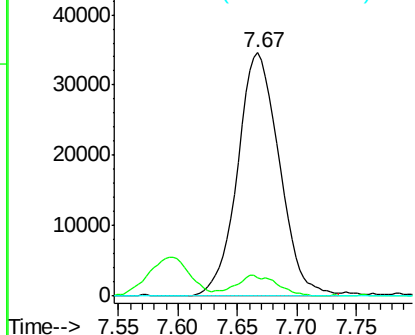


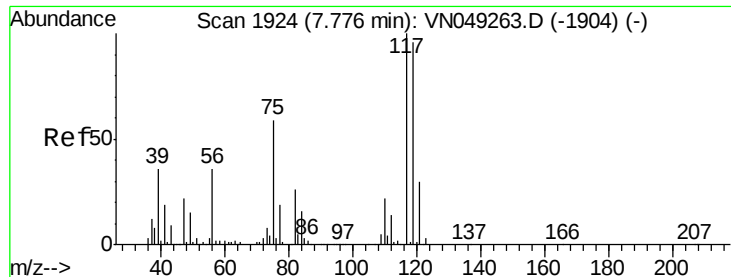
#36
 1,1-Dichloropropene
 Concen: 3.94 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049484.D
 Acq: 21 Jun 2018 22:11

Tgt Ion: 75 Resp: 84193
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.0 50.9#
 77 0.0 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

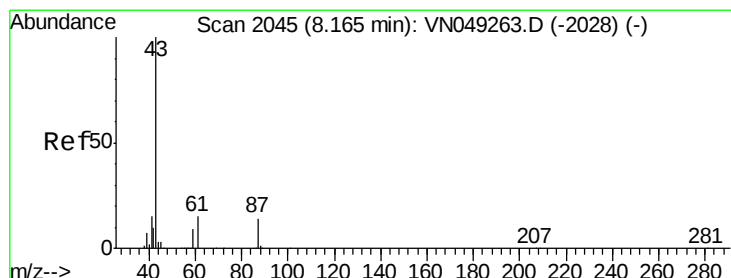
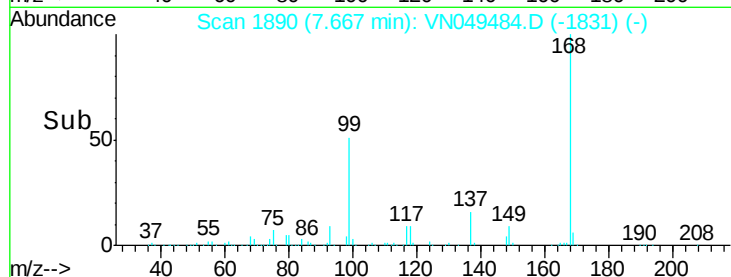
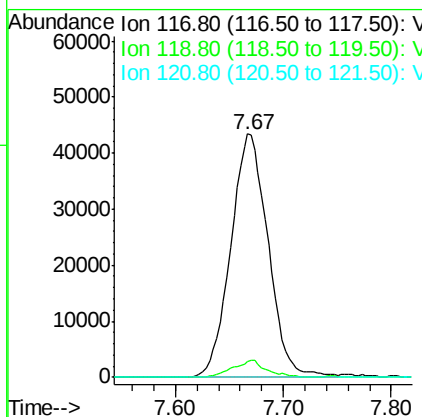
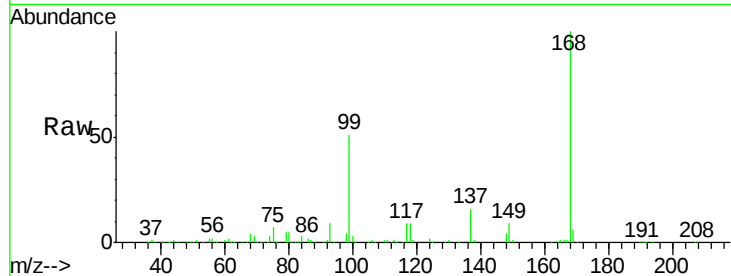




#38
Carbon Tetrachloride
Concen: 4.74 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049484.D
Acq: 21 Jun 2018 22:11

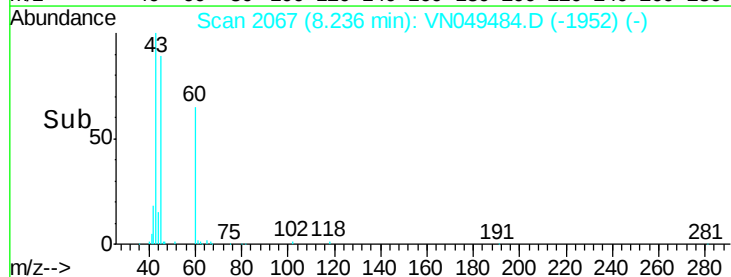
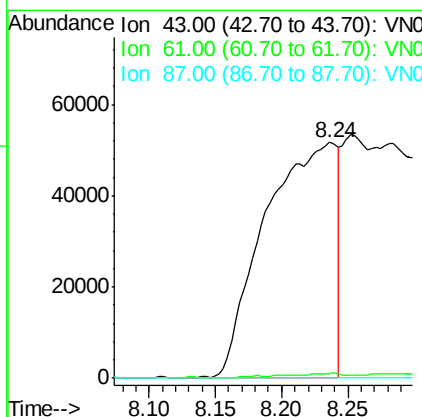
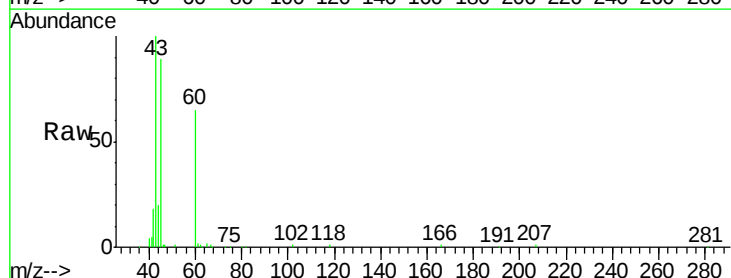
Instrument :
MSVOA_N
ClientSampled :

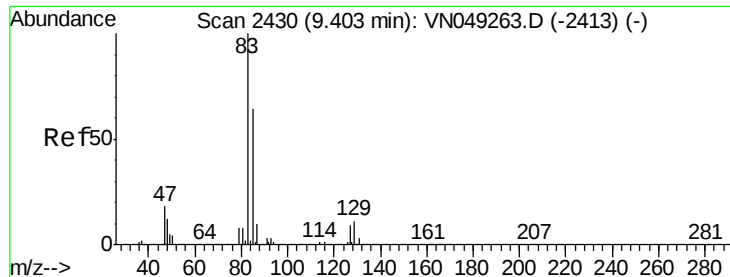
Tot Ion:117 Resp: 104798
Ion Ratio Lower Upper
117 100
119 6.2 75.6 113.4#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 8.78 ug/l
RT: 8.24 min Scan# 2067
Delta R.T. 0.07 min
Lab File: VN049484.D
Acq: 21 Jun 2018 22:11

Tgt Ion: 43 Resp: 194747
Ion Ratio Lower Upper
43 100
61 0.4 14.2 21.4#
87 0.0 9.4 14.0#





#47

Bromodichloromethane

Concen: 0.32 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

Instrument :
MSVOA_N
ClientSampled :

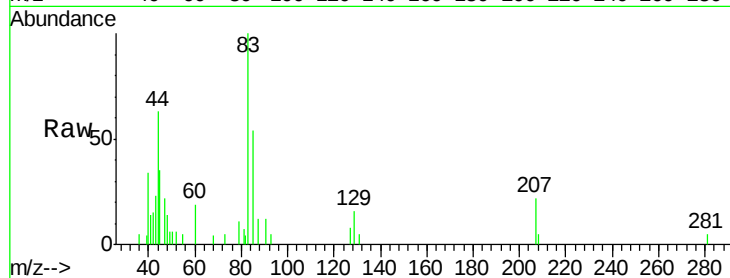
Tot Ion: 83 Resp: 7097

Ion Ratio Lower Upper

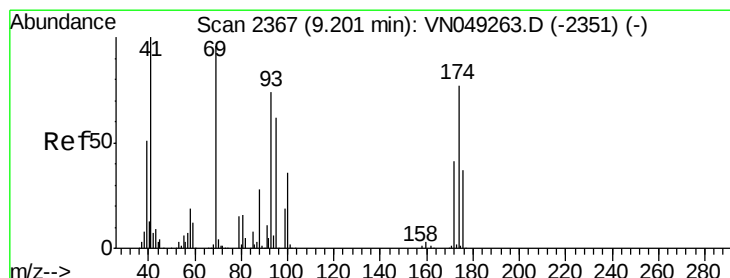
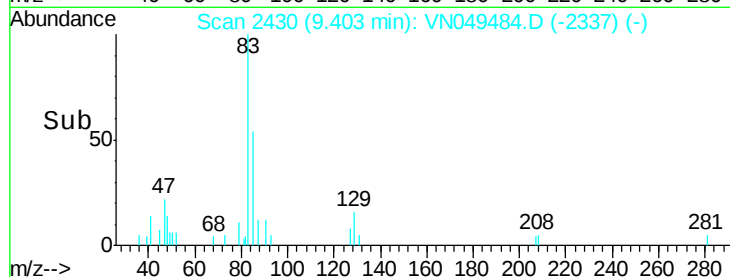
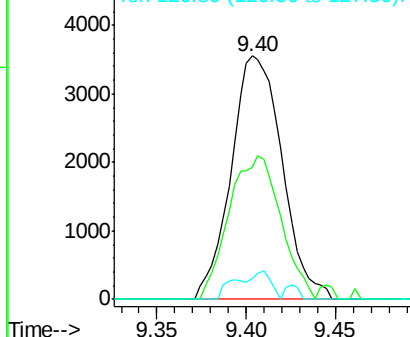
83 100

85 54.5 49.4 74.0

127 8.4 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#49

1,4-Dioxane

Concen: 0.42 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. 0.01 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

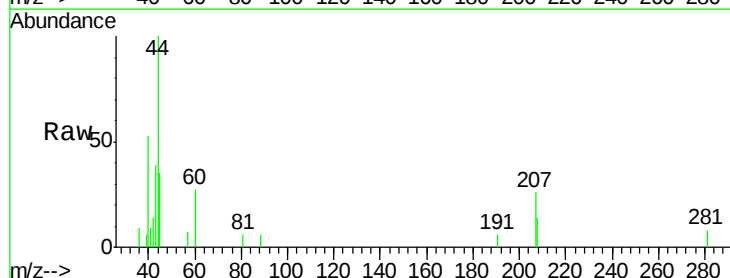
Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

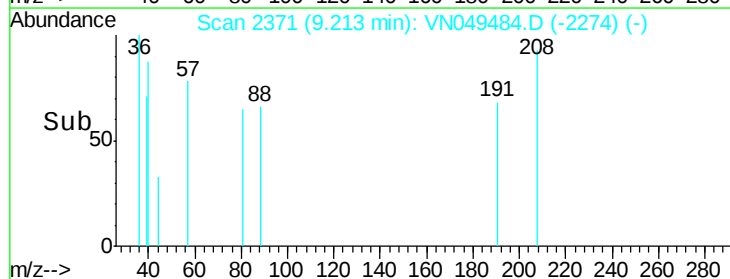
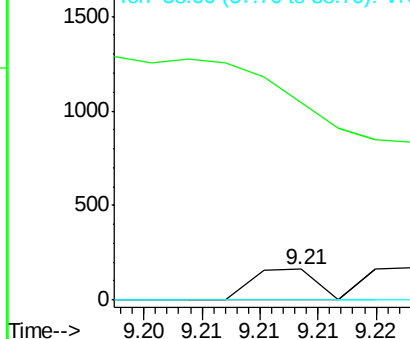
88 100

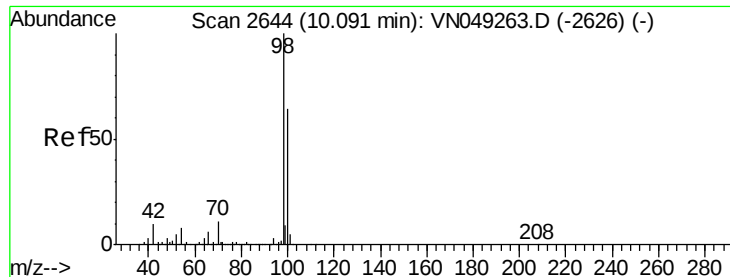
43 1173.8 30.9 46.3#

58 0.0 58.9 88.3#



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

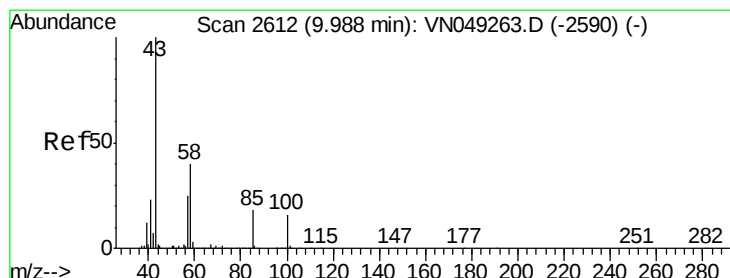
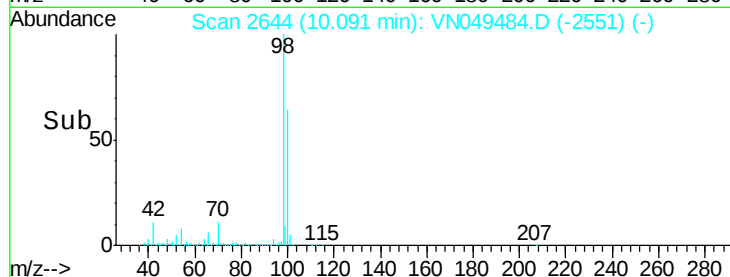
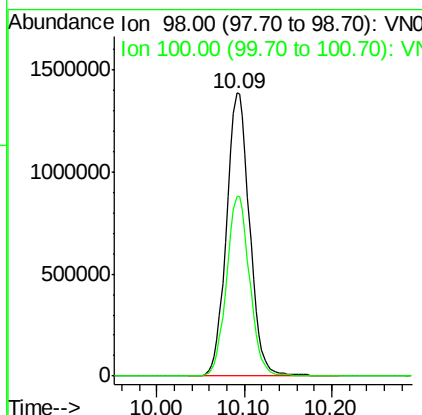
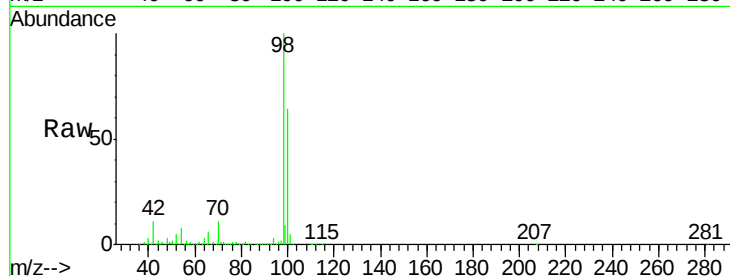




#50
Toluene-d8
Concen: 44.37 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049484.D
Acq: 21 Jun 2018 22:11

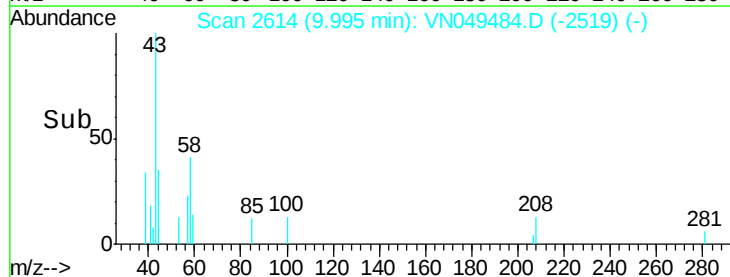
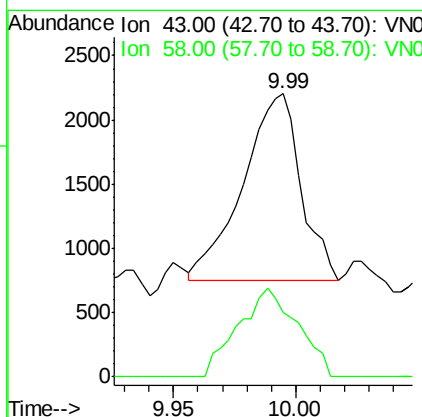
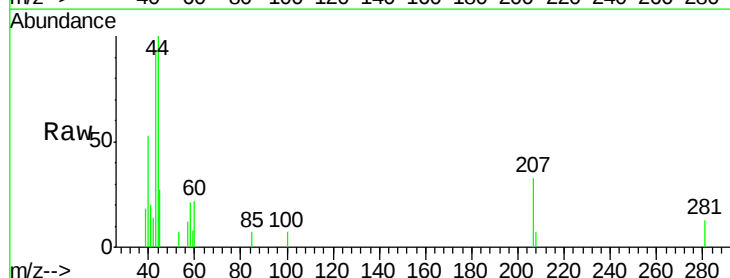
Instrument :
MSVOA_N
ClientSampled :

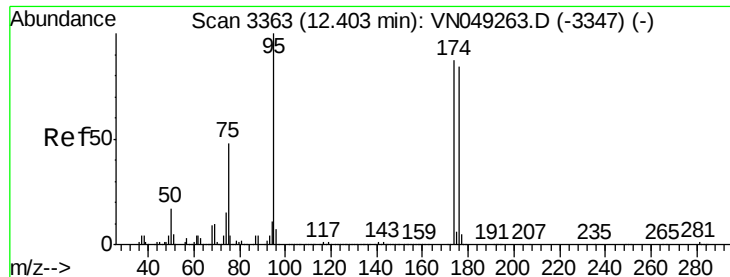
Tot Ion: 98 Resp: 2546244
Ion Ratio Lower Upper
98 100
100 63.6 49.8 74.8



#51
4-Methyl-2-Pentanone
Concen: 0.21 ug/l
RT: 9.99 min Scan# 2614
Delta R.T. 0.01 min
Lab File: VN049484.D
Acq: 21 Jun 2018 22:11

Tgt Ion: 43 Resp: 2391
Ion Ratio Lower Upper
43 100
58 48.7 29.0 43.6#





#62

4-Bromofluorobenzene

Concen: 36.35 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

Instrument :

MSVOA_N

ClientSampled :

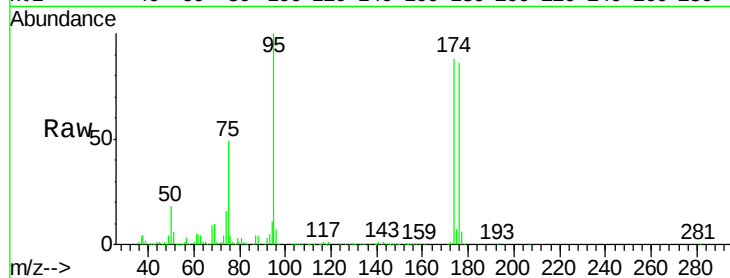
Tot Ion: 95 Resp: 689848

Ion Ratio Lower Upper

95 100

174 88.1 0.0 165.6

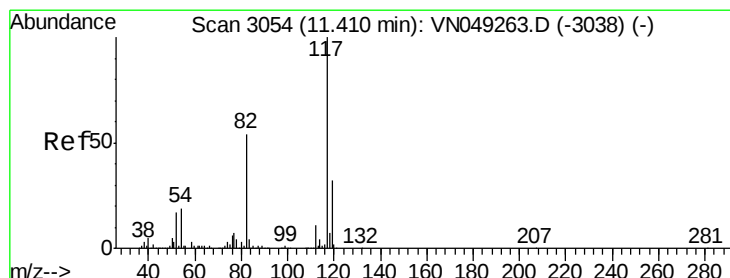
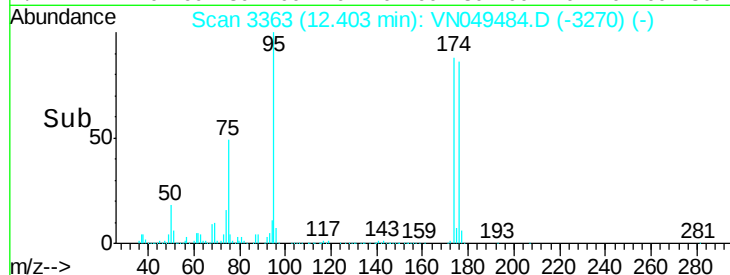
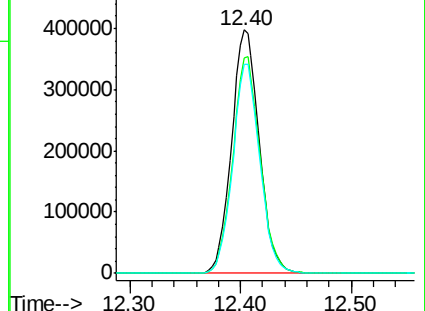
176 84.2 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049484.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049484.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049484.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

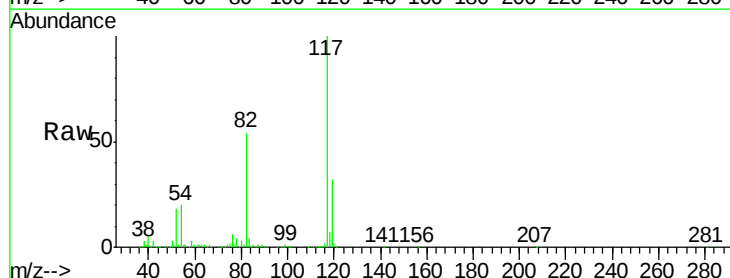
Tgt Ion: 117 Resp: 1542814

Ion Ratio Lower Upper

117 100

82 54.3 45.9 68.9

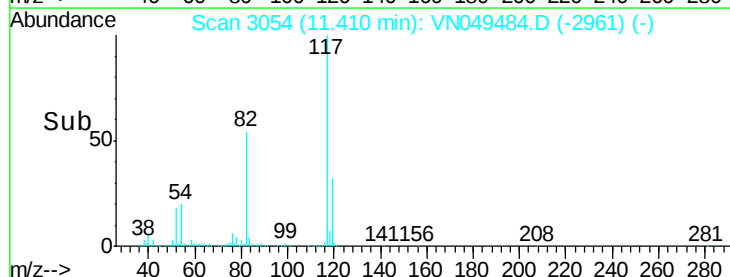
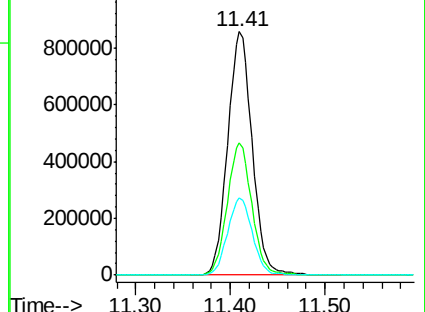
119 31.6 25.5 38.3

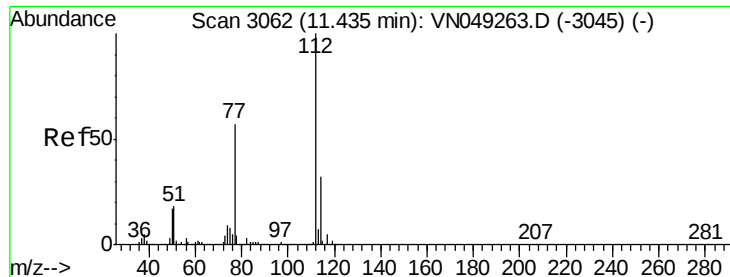


Abundance Ion 116.90 (116.60 to 117.60): VN049484.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049484.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049484.D (-2961) (-)





#65

Chlorobenzene

Concen: 0.26 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

Instrument :

MSVOA_N

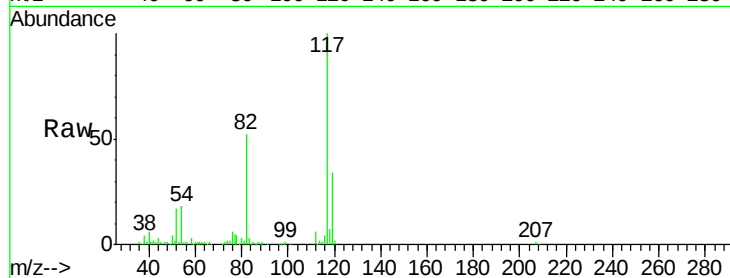
ClientSampleId :

Tot Ion:112 Resp: 10380

Ion Ratio Lower Upper

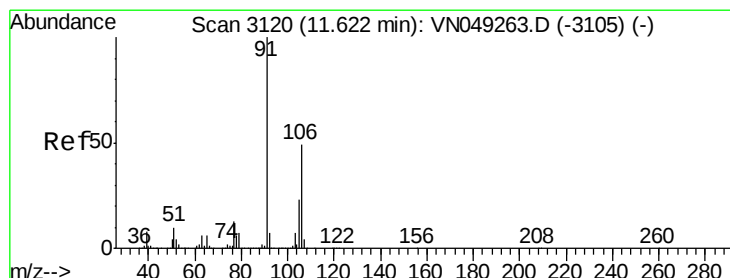
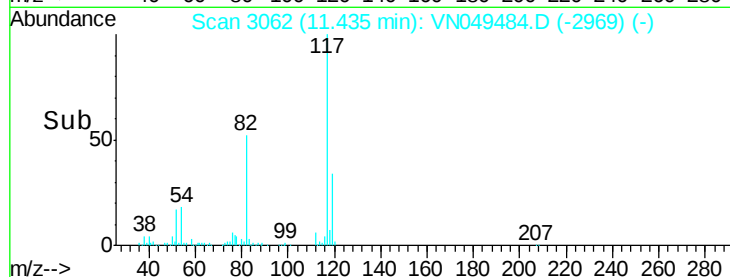
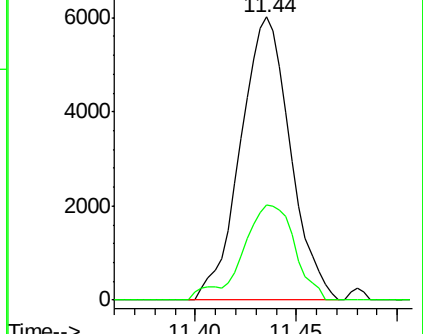
112 100

114 33.9 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#68

m/p-Xylenes

Concen: 0.27 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049484.D

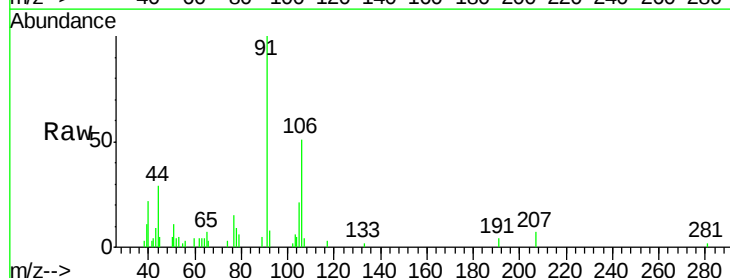
Acq: 21 Jun 2018 22:11

Tgt Ion:106 Resp: 6570

Ion Ratio Lower Upper

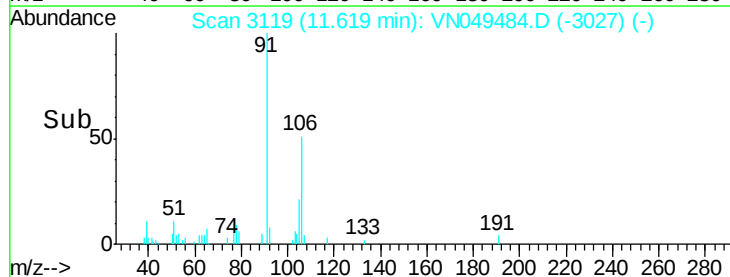
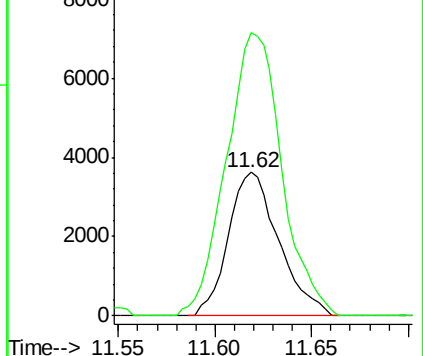
106 100

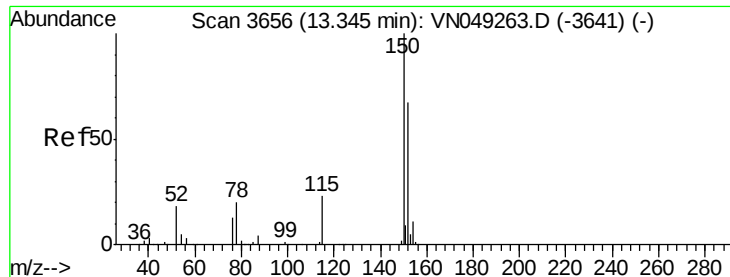
91 217.3 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

Instrument :

MSVOA_N

ClientSampled :

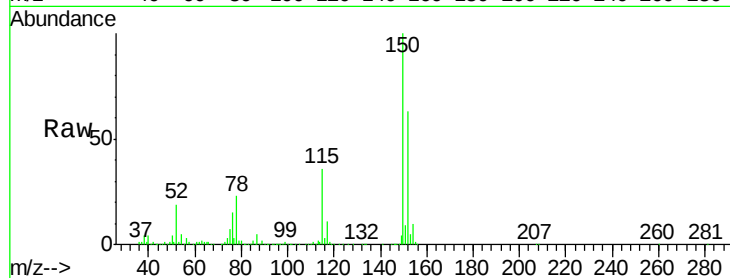
Tot Ion:152 Resp: 515012

Ion Ratio Lower Upper

152 100

115 56.9 28.7 86.1

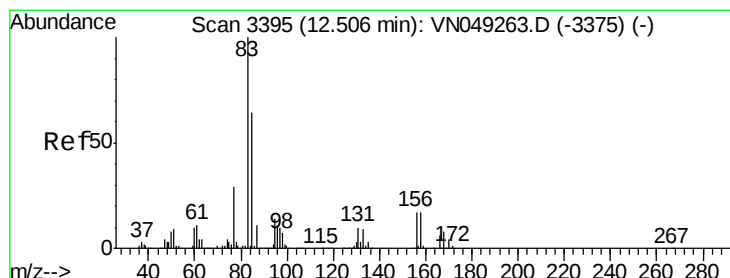
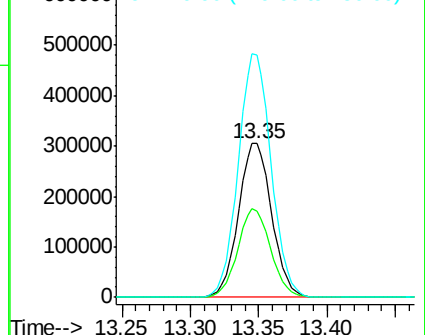
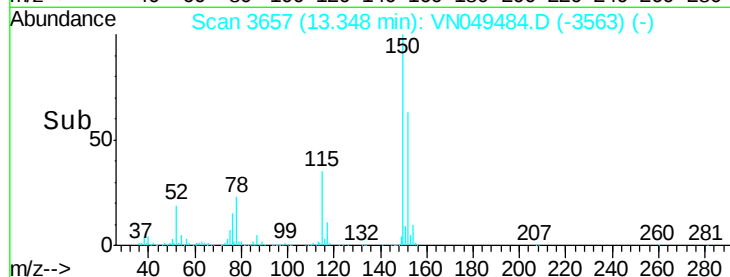
150 156.8 0.0 351.0



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: 12.51 min Scan# 3397

Delta R.T. 0.01 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

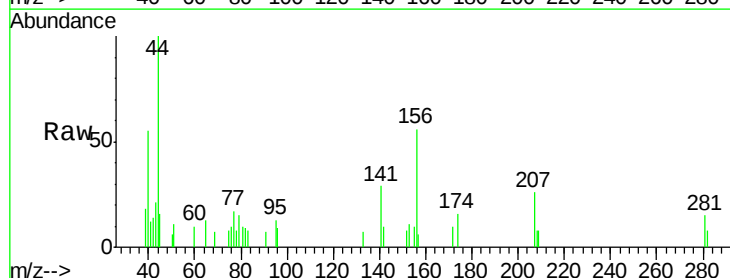
Tgt Ion: 83 Resp: 74

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

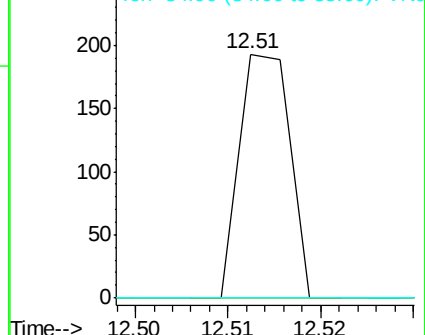
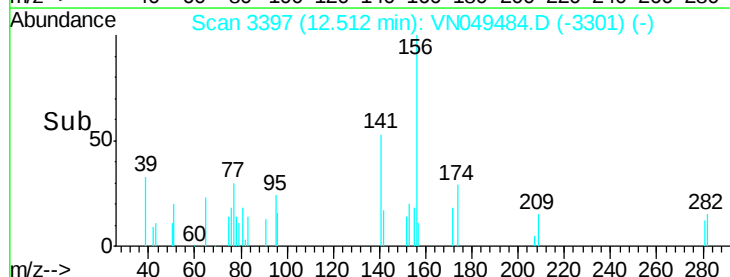
85 0.0 32.0 96.0#

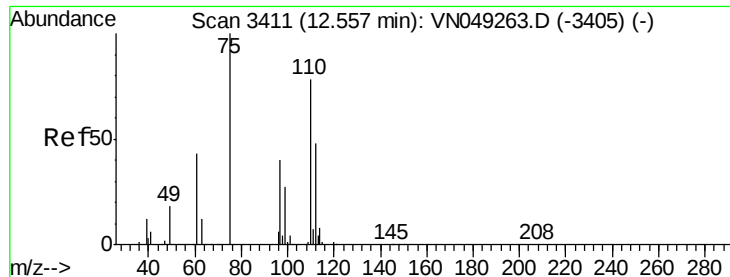


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 37.23 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

Instrument :

MSVOA_N

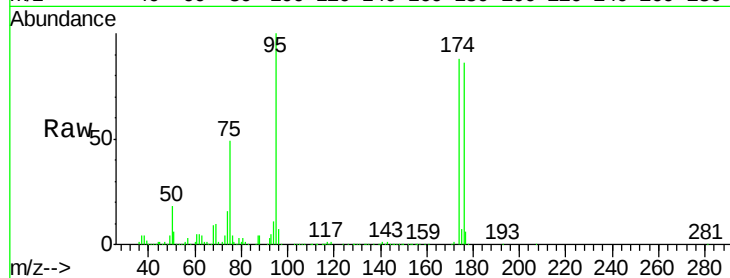
ClientSampleId :

Tot Ion: 75 Resp: 327191

Ion Ratio Lower Upper

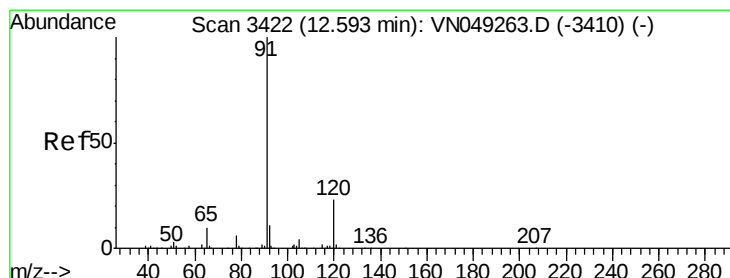
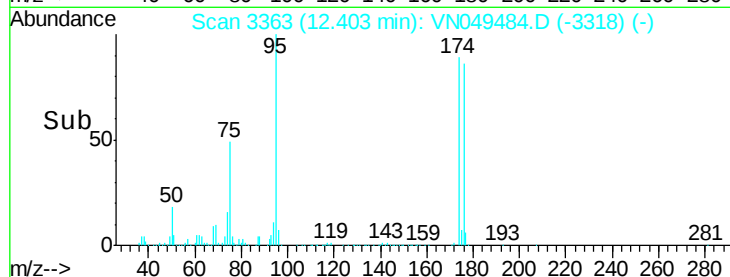
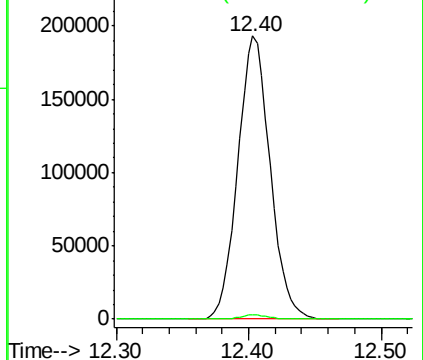
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.40 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049484.D

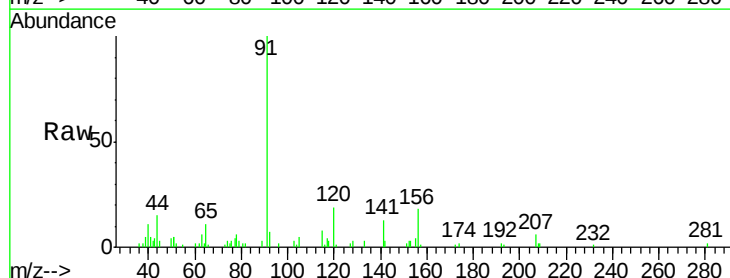
Acq: 21 Jun 2018 22:11

Tgt Ion: 91 Resp: 19940

Ion Ratio Lower Upper

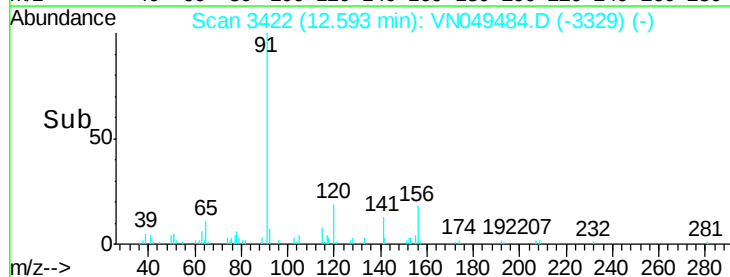
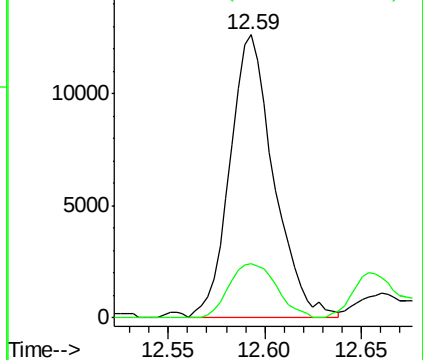
91 100

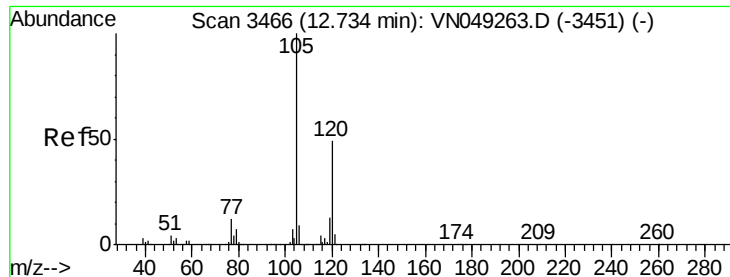
120 20.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.25 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

Instrument :

MSVOA_N

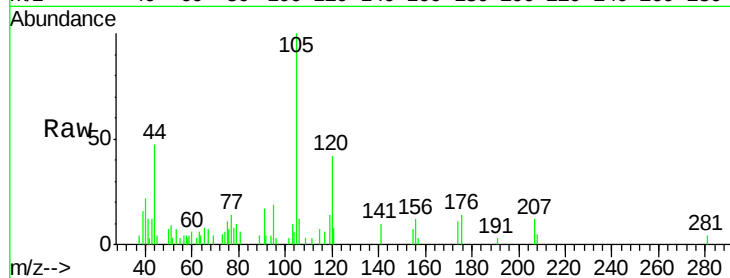
ClientSampleId :

Tot Ion:105 Resp: 8972

Ion Ratio Lower Upper

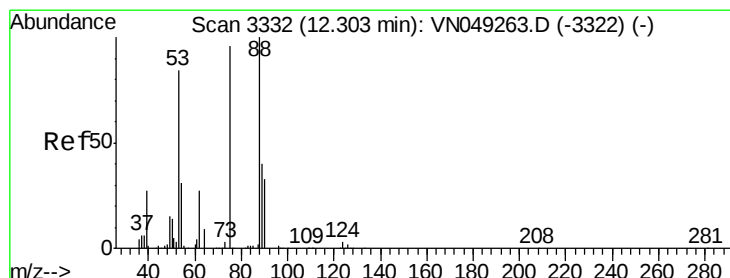
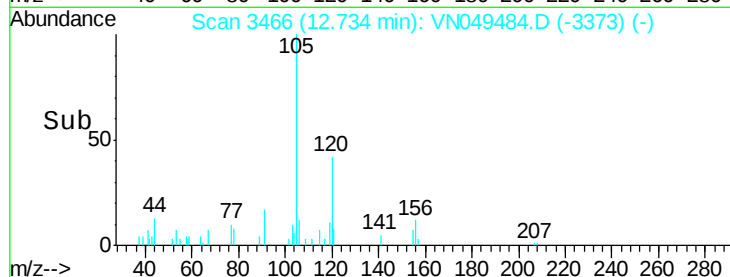
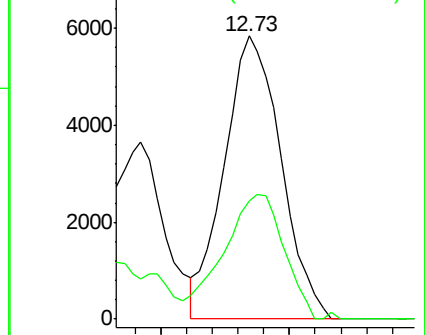
105 100

120 47.1 23.5 70.5



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: 117.68 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

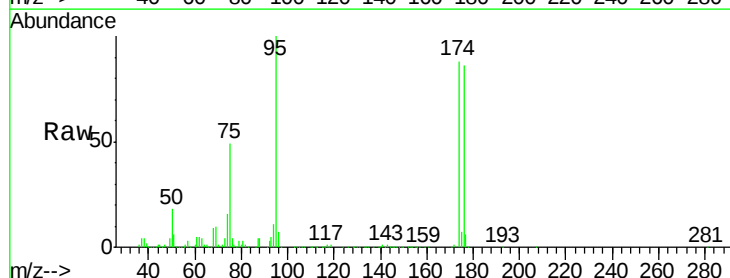
Tgt Ion: 75 Resp: 327191

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

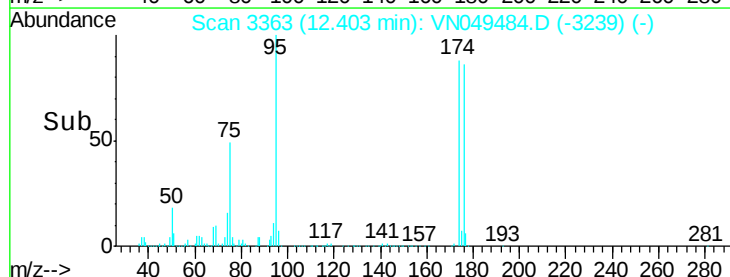
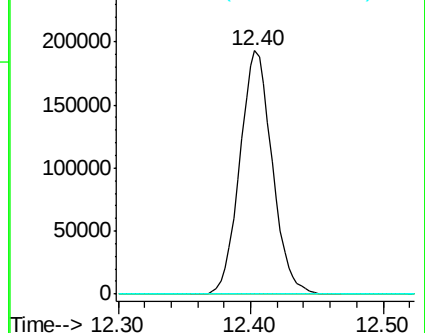
89 0.0 36.5 54.7#

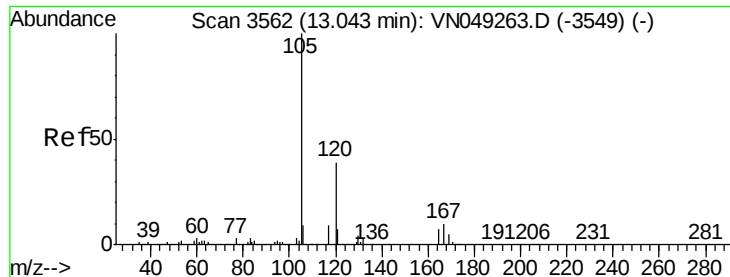


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

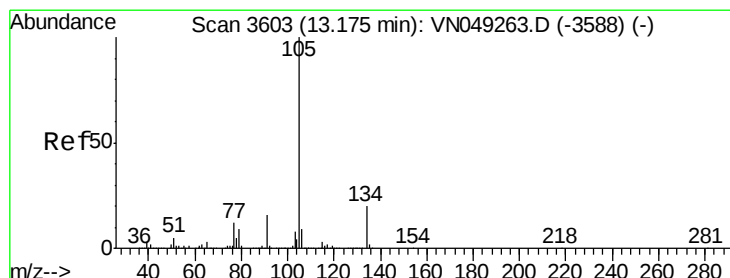
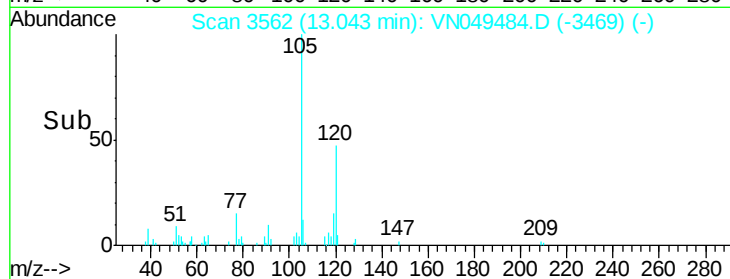
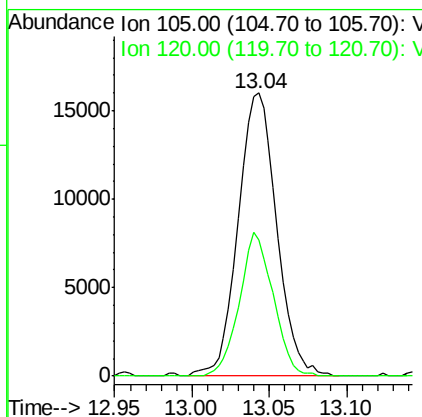
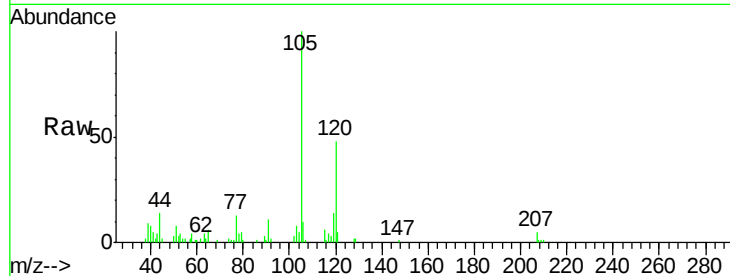




#84
 1,2,4-Trimethylbenzene
 Concen: 0.78 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049484.D
 Acq: 21 Jun 2018 22:11

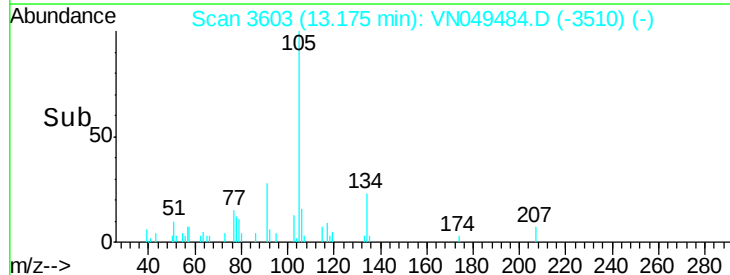
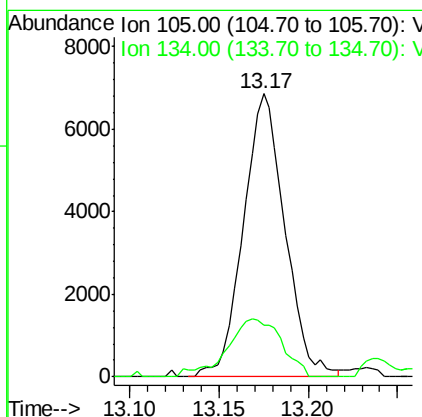
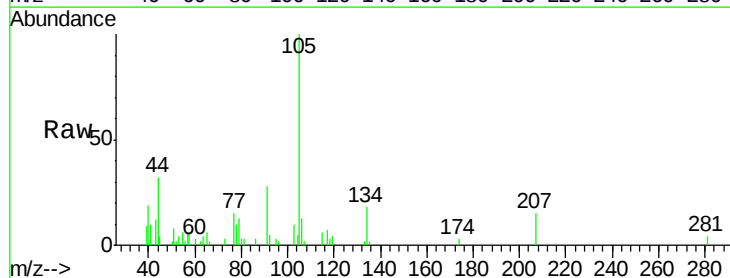
Instrument :
 MSVOA_N
 ClientSampleId :

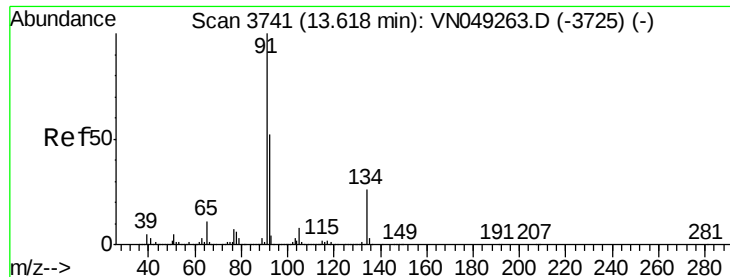
Tot Ion:105 Resp: 27705
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 0.27 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049484.D
 Acq: 21 Jun 2018 22:11

Tgt Ion:105 Resp: 11169
 Ion Ratio Lower Upper
 105 100
 134 26.8 9.8 29.3

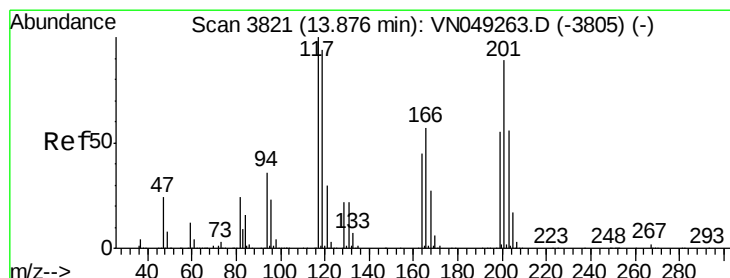
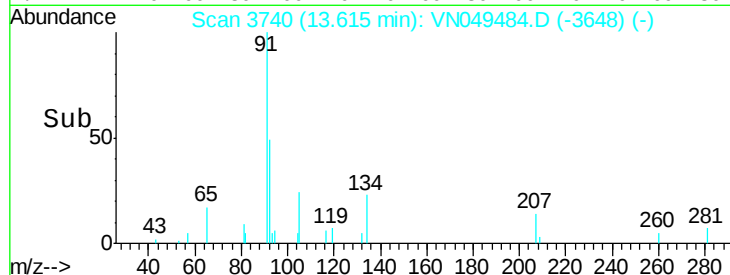
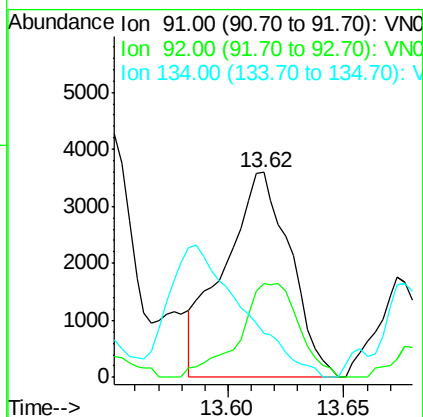
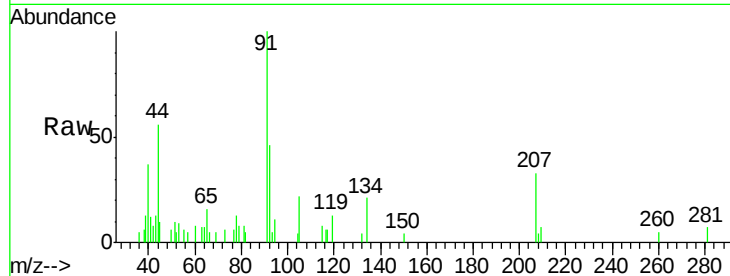




#89
n-Butylbenzene
Concen: 0.26 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049484.D
Acq: 21 Jun 2018 22:11

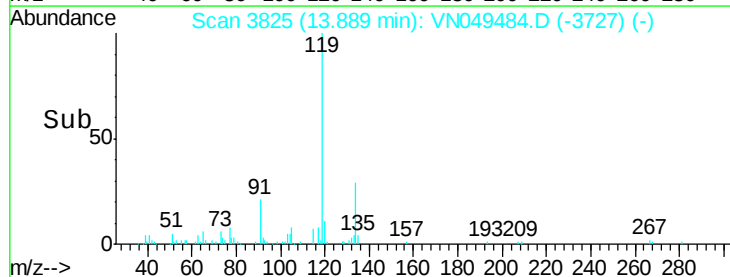
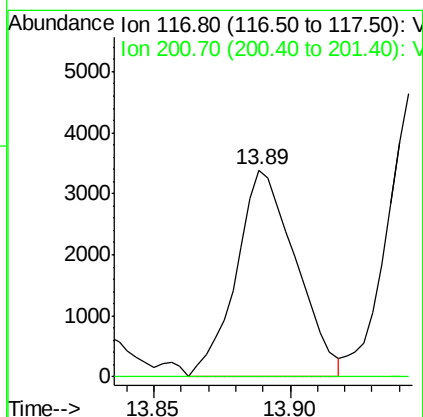
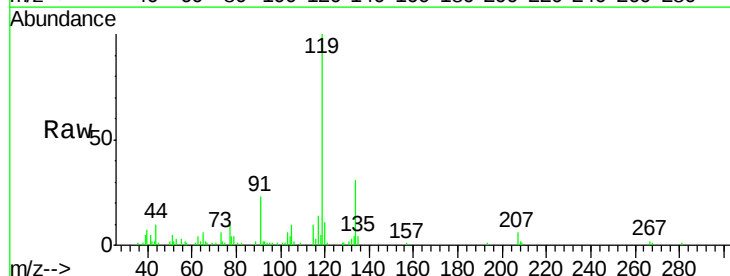
Instrument :
MSVOA_N
ClientSampled :

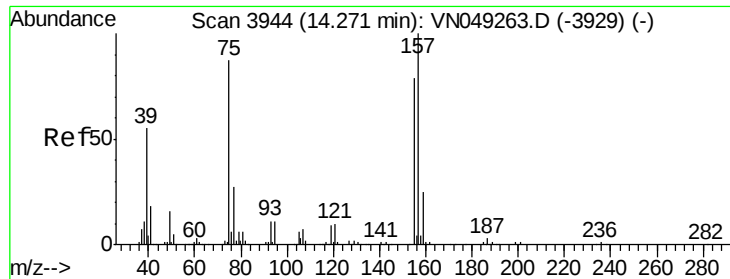
Tot Ion: 91 Resp: 7130
Ion Ratio Lower Upper
91 100
92 41.2 25.1 75.4
134 0.0 12.0 36.0#



#90
Hexachloroethane
Concen: Below Cal
RT: 13.89 min Scan# 3825
Delta R.T. 0.01 min
Lab File: VN049484.D
Acq: 21 Jun 2018 22:11

Tgt Ion: 117 Resp: 5136
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.22 ug/l

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

Instrument :

MSVOA_N

ClientSampled :

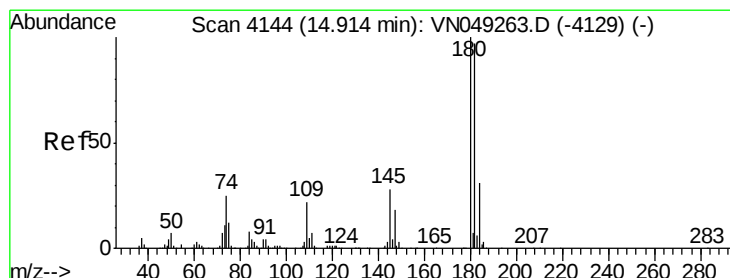
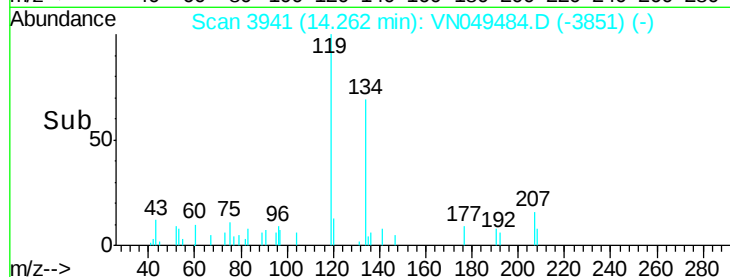
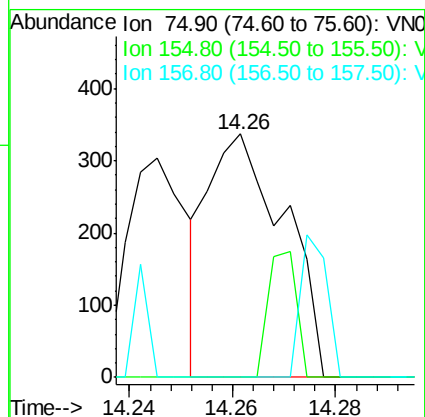
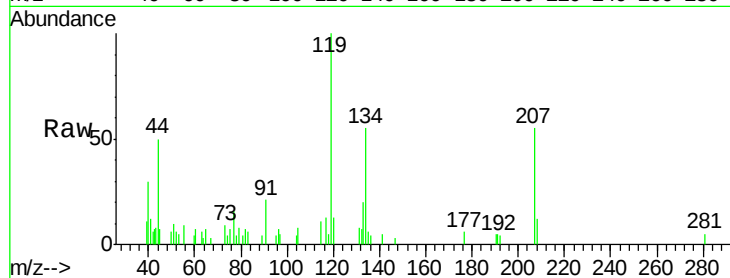
Tot Ion: 75 Resp: 345

Ion Ratio Lower Upper

75 100

155 19.1 38.8 116.3#

157 20.3 51.0 153.1#



#93

1,2,4-Trichlorobenzene

Concen: 4.91 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

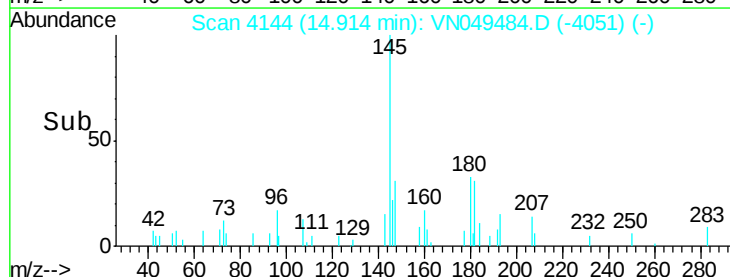
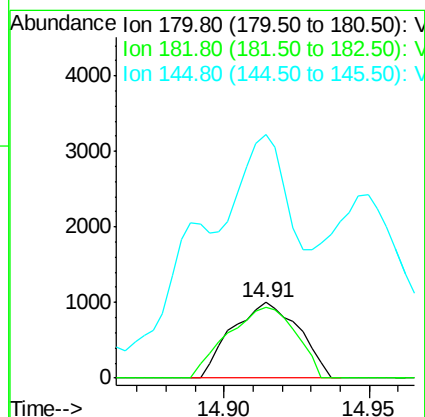
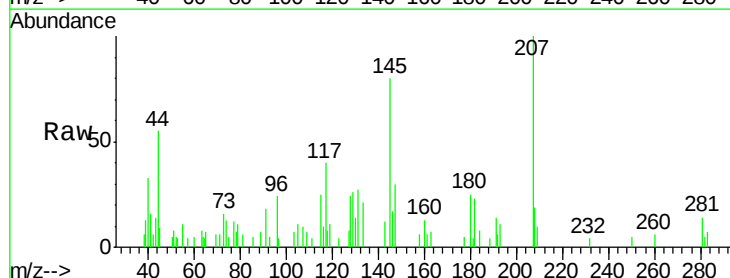
Tgt Ion: 180 Resp: 1606

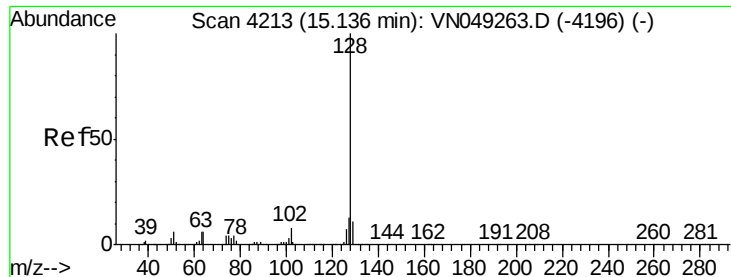
Ion Ratio Lower Upper

180 100

182 95.9 46.9 140.8

145 117.0 14.7 44.1#





#95

Naphthalene

Concen: 37.18 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

Instrument :

MSVOA_N

ClientSampleId :

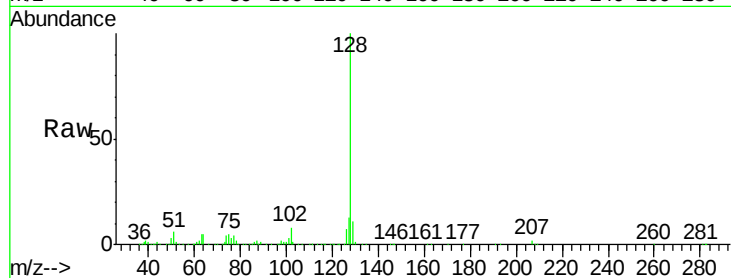
Tot Ion:128 Resp: 554095

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

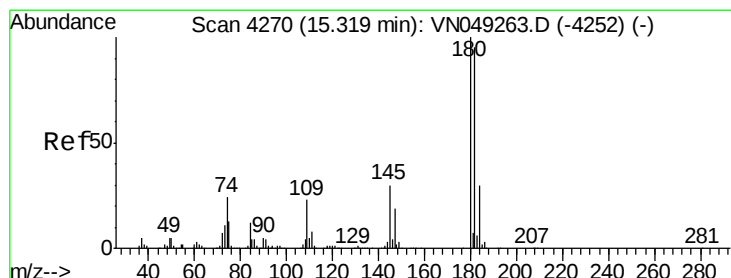
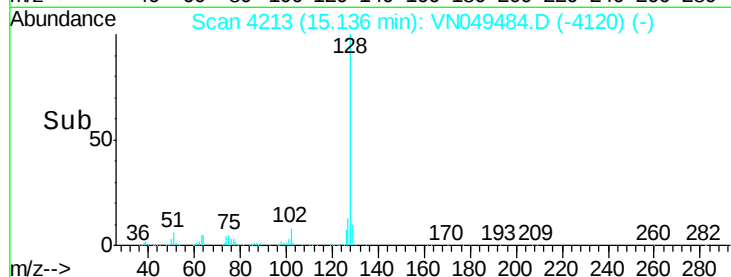
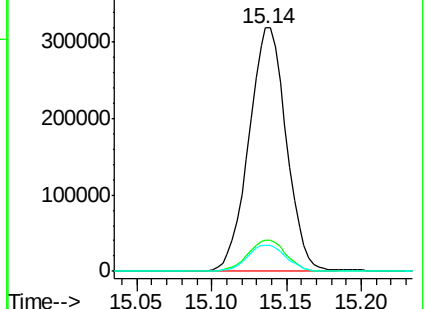
129 11.3 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.51 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

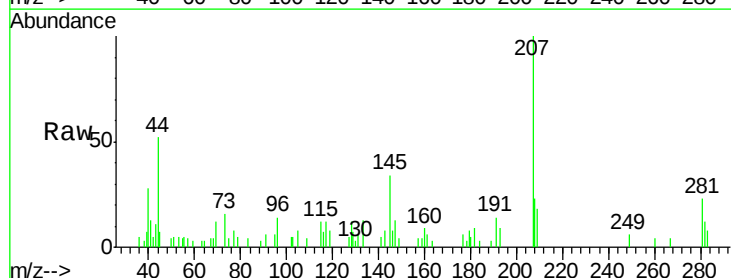
Tgt Ion:180 Resp: 501

Ion Ratio Lower Upper

180 100

182 151.7 47.3 141.8#

145 483.6 15.6 46.7#



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

