

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046813.D
 Acq On : 21 Sep 2015 17:59
 Operator : FY/SY
 Sample : G3748-03
 Misc : 11.19um/5mL/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MGP202-42-44

Quant Time: Sep 22 01:05:33 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:47:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.29	168	142232	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.41	114	202268	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.56	117	187068	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.91	152	90286	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.70	65	89638	60.62	ug/l	-0.01
Spiked Amount			Recovery	=	121.24%	
35) Dibromofluoromethane	6.20	113	86962	54.95	ug/l	-0.02
Spiked Amount			Recovery	=	109.90%	
50) Toluene-d8	9.60	98	235119	47.09	ug/l	-0.02
Spiked Amount			Recovery	=	94.18%	
62) 4-Bromofluorobenzene	12.83	95	103114	51.29	ug/l	-0.02
Spiked Amount			Recovery	=	102.58%	

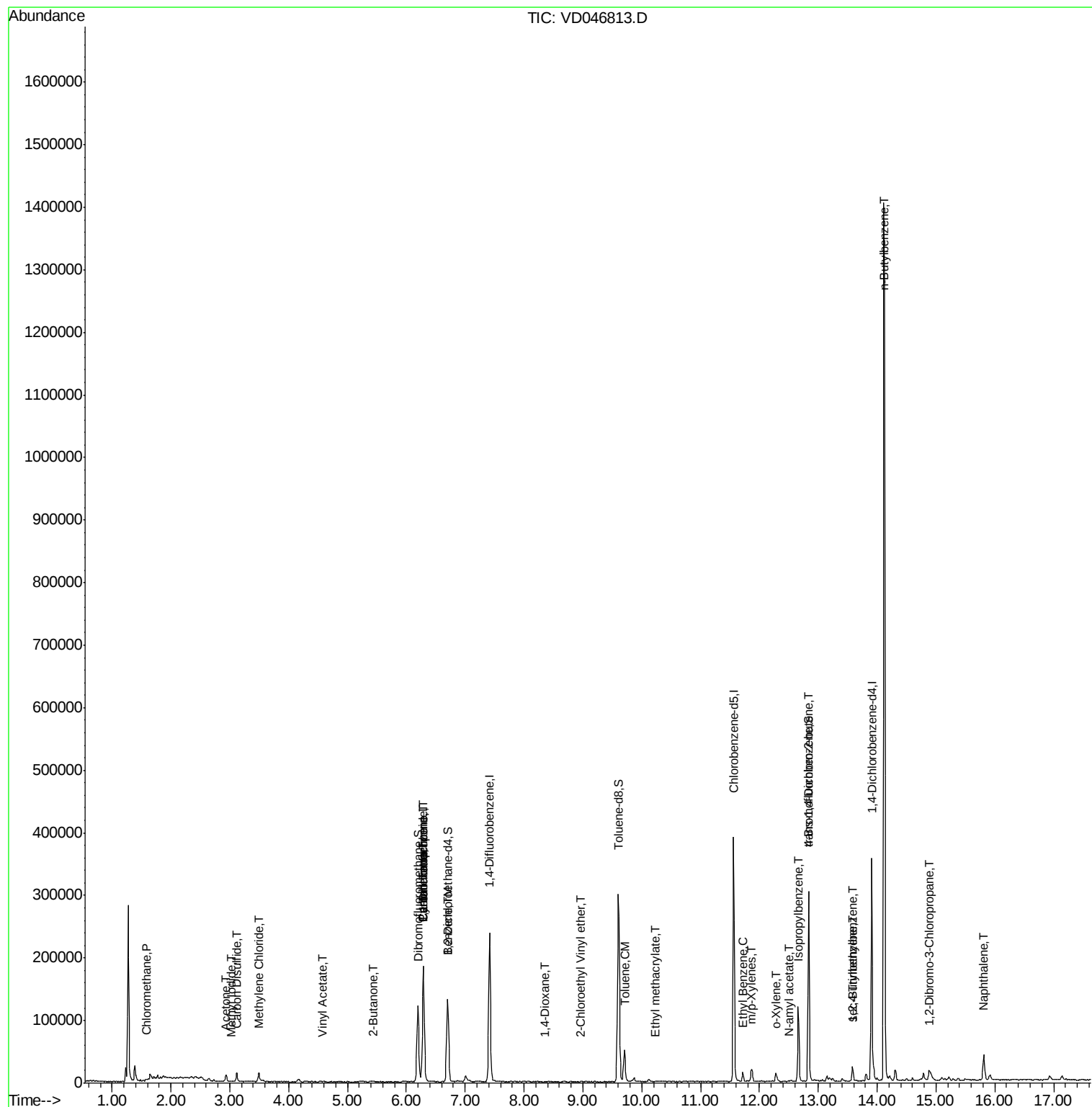
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.42	85	439	Below Cal		94
3) Chlorodifluoromethane	1.44	51	216	Below Cal	#	66
4) Chloromethane	1.58	50	864	1.03	ug/l	# 75
6) Bromomethane	1.97	94	345	Below Cal	#	2
11) Methyl Iodide	3.04	142	85	1.79	ug/l	# 35
12) Tert butyl alcohol	3.67	59	92	Below Cal	#	74
17) Acetone	2.94	43	12577	50.33	ug/l	97
18) Carbon Disulfide	3.11	76	18831	4.41	ug/l	96
21) Methylene Chloride	3.50	84	6713	4.95	ug/l	# 81
24) Vinyl Acetate	4.59	43	136	15.13	ug/l	# 82
26) 2-Butanone	5.44	43	2799	9.97	ug/l	95
31) Cyclohexane	6.29	56	3999	1.80	ug/l	# 1
36) 1,1-Dichloropropene	6.29	75	12794	5.41	ug/l	# 51
38) Carbon Tetrachloride	6.29	117	13088	5.33	ug/l	# 16
40) Benzene	6.70	78	39260	6.51	ug/l	99
49) 1,4-Dioxane	8.34	88	38	6.71	ug/l	# 20
52) Toluene	9.71	92	25907	6.96	ug/l	86
56) Ethyl methacrylate	10.22	69	538	4.37	ug/l	# 35
58) 2-Chloroethyl Vinyl ether	8.97	63	36	6.40	ug/l	# 53
67) Ethyl Benzene	11.72	91	9203	1.16	ug/l	95
68) m/p-Xylenes	11.87	106	5837	2.34	ug/l	92
69) o-Xylene	12.28	106	2949	1.31	ug/l	84
73) Isopropylbenzene	12.66	105	64221	10.09	ug/l	95
74) N-amyl acetate	12.50	43	63	4.75	ug/l	# 30
81) trans-1,4-Dichloro-2-buten	12.83	75	50304	157.59	ug/l	# 9
84) 1,2,4-Trimethylbenzene	13.58	105	12413	2.43	ug/l	90
85) sec-Butylbenzene	13.58	105	11543	1.72	ug/l	# 58
89) n-Butylbenzene	14.12	91	133628	22.41	ug/l	# 43
92) 1,2-Dibromo-3-Chloropropan	14.88	75	755	5.72	ug/l	# 1
95) Naphthalene	15.81	128	36997	20.81	ug/l	99

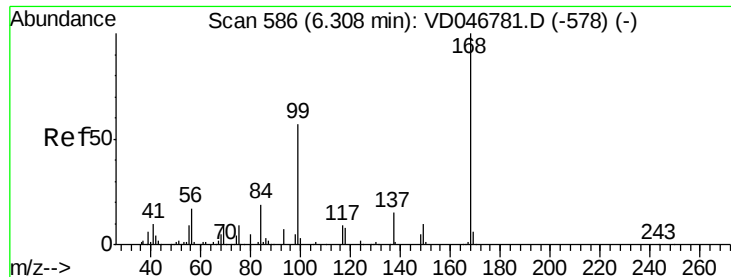
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
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Sample : G3748-03
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Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:47:18 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.29 min Scan# 584

Delta R.T. -0.02 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

Instrument :

MSVOA_D

ClientSampleId :

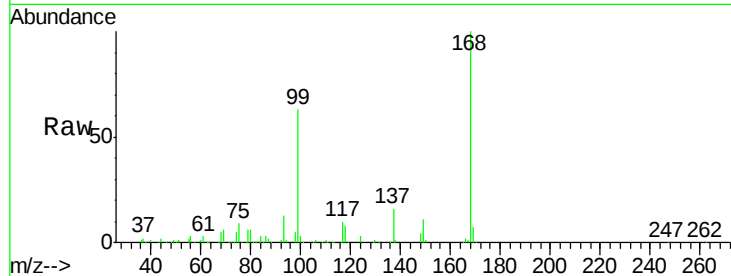
MGP202-42-44

Tot Ion:168 Resp: 142232

Ion Ratio Lower Upper

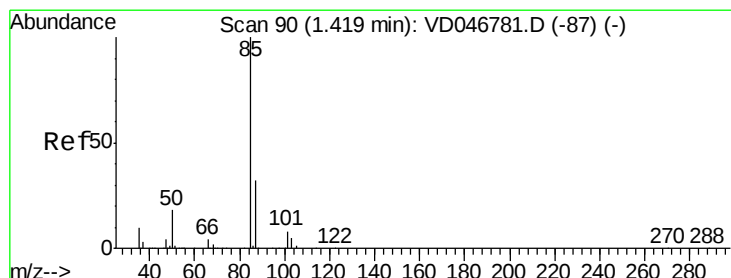
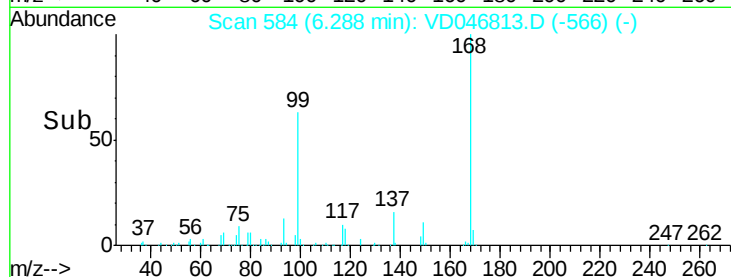
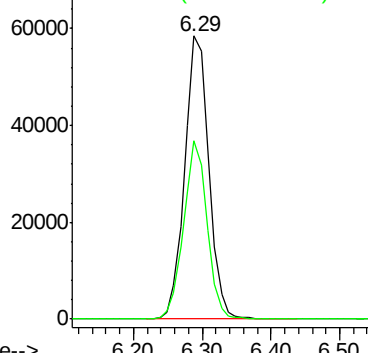
168 100

99 63.1 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.42 min Scan# 90

Delta R.T. -0.00 min

Lab File: VD046813.D

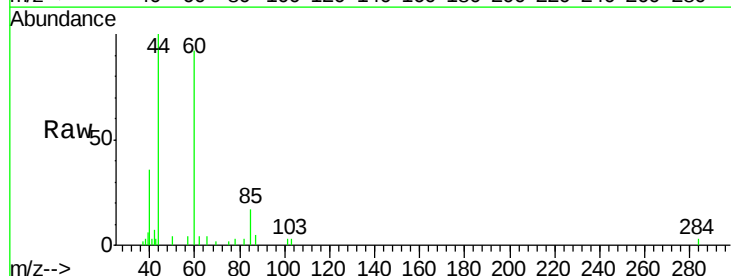
Acq: 21 Sep 2015 17:59

Tgt Ion: 85 Resp: 439

Ion Ratio Lower Upper

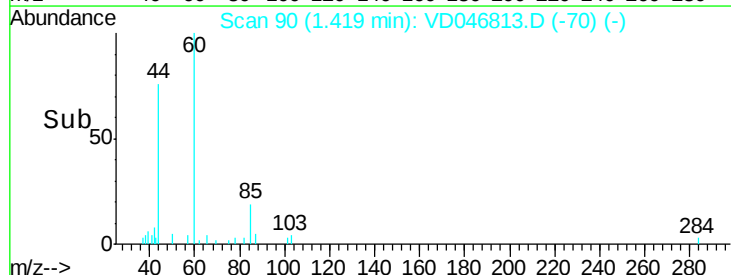
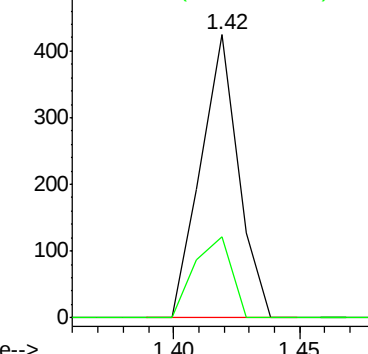
85 100

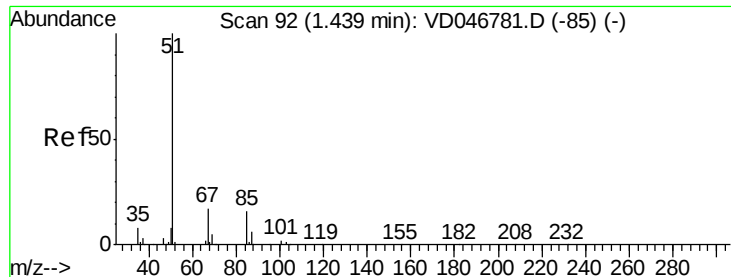
87 28.8 16.2 48.5



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chlorodifluoromethane

Concen: Below Cal

RT: 1.44 min Scan# 92

Delta R.T. 0.00 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

Instrument :

MSVOA_D

ClientSampleId :

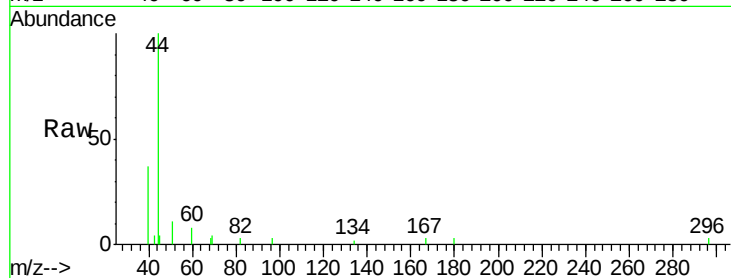
MGP202-42-44

Tot Ion: 51 Resp: 216

Ion Ratio Lower Upper

51 100

67 0.0 10.9 16.3#



Abundance Ion 51.00 (50.70 to 51.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

1.44

250

200

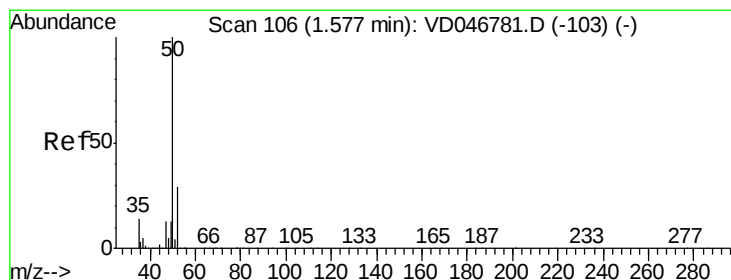
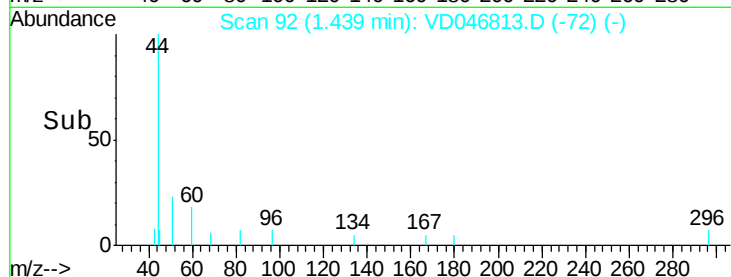
150

100

50

0

Time-->



#4

Chloromethane

Concen: 1.03 ug/l

RT: 1.58 min Scan# 106

Delta R.T. -0.00 min

Lab File: VD046813.D

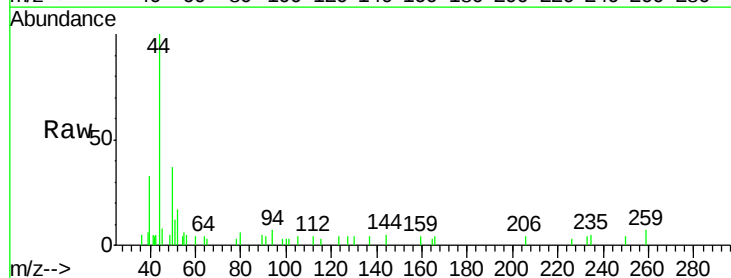
Acq: 21 Sep 2015 17:59

Tgt Ion: 50 Resp: 864

Ion Ratio Lower Upper

50 100

52 46.9 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.58

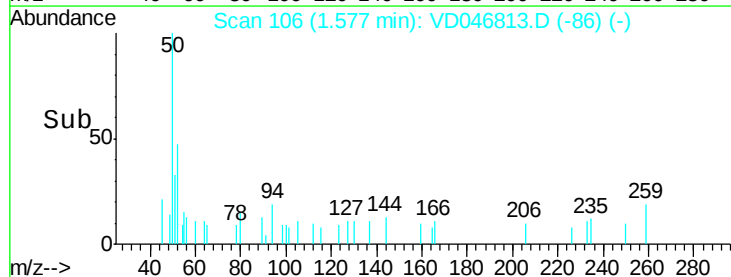
600

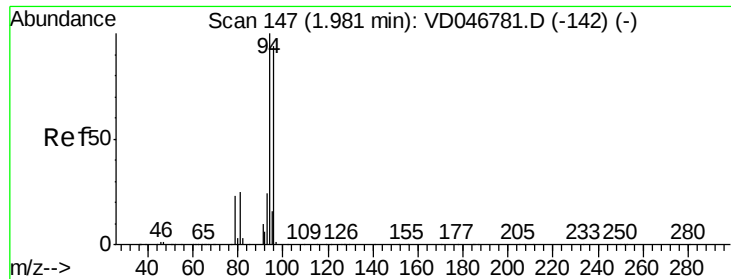
400

200

0

Time-->





#6

Bromomethane

Concen: Below Cal

RT: 1.97 min Scan# 146

Delta R.T. -0.01 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

Instrument :

MSVOA_D

ClientSampleId :

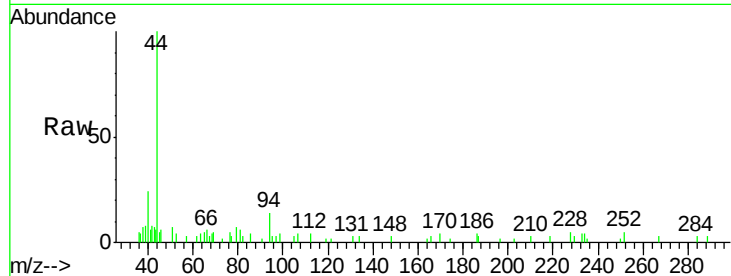
MGP202-42-44

Tot Ion: 94 Resp: 345

Ion Ratio Lower Upper

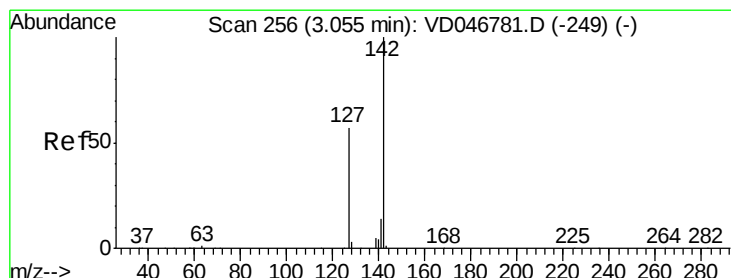
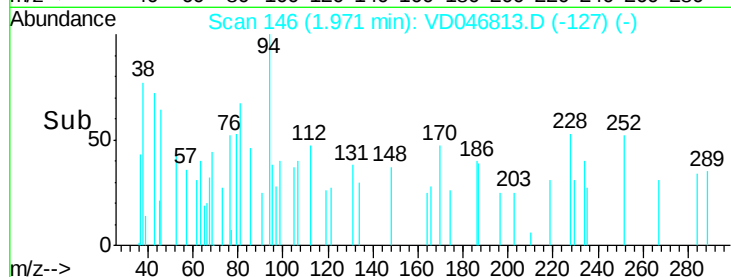
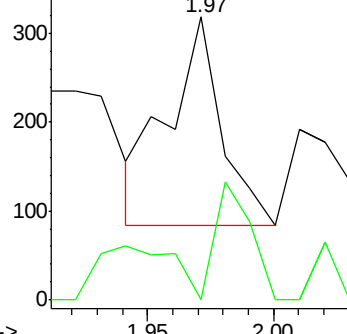
94 100

96 0.0 76.0 114.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#11

Methyl Iodide

Concen: 1.79 ug/l

RT: 3.04 min Scan# 254

Delta R.T. -0.02 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

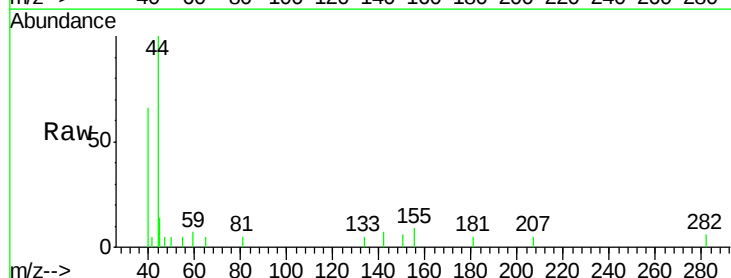
Tgt Ion:142 Resp: 85

Ion Ratio Lower Upper

142 100

127 0.0 41.2 61.8#

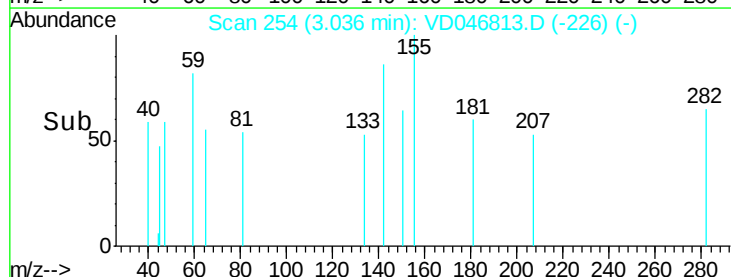
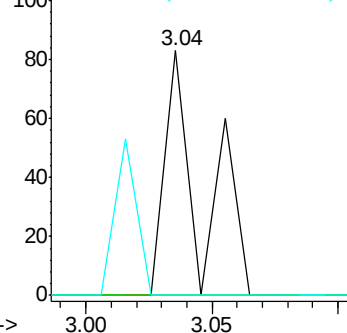
141 0.0 11.6 17.4#

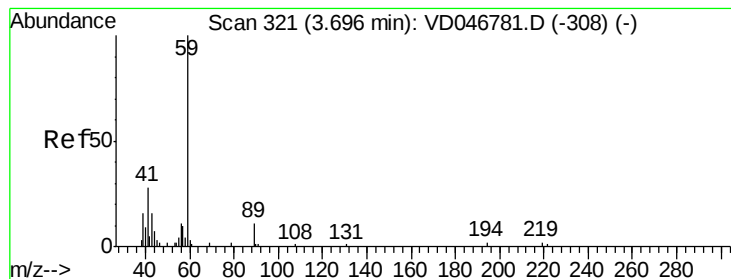


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



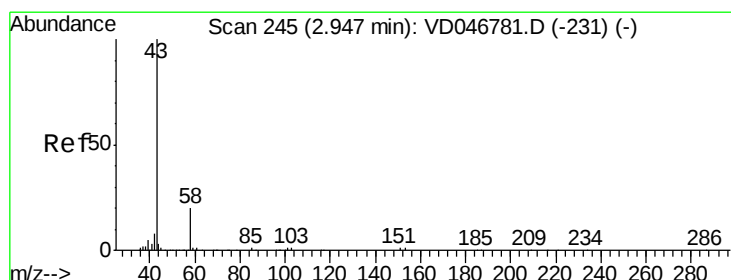
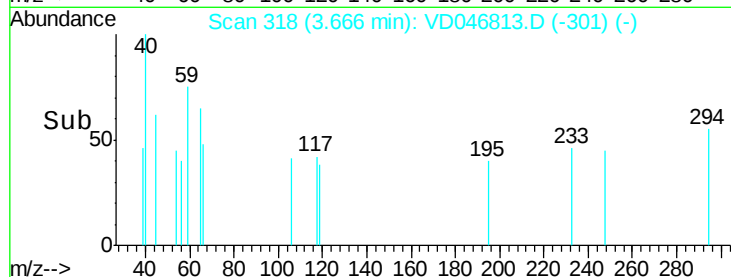
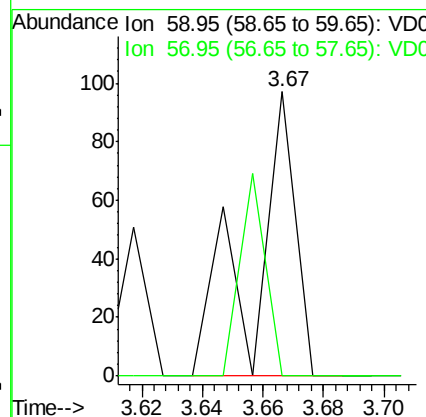
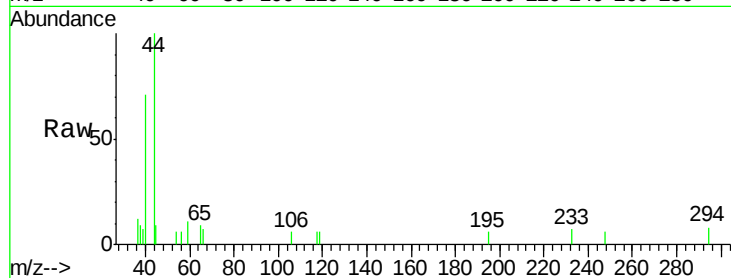


#12

Tert butyl alcohol
 Concen: Below Cal
 RT: 3.67 min Scan# 318
 Delta R.T. -0.03 min
 Lab File: VD046813.D
 Acq: 21 Sep 2015 17:59

Instrument :
 MSVOA_D
 ClientSampleId :
 MGP202-42-44

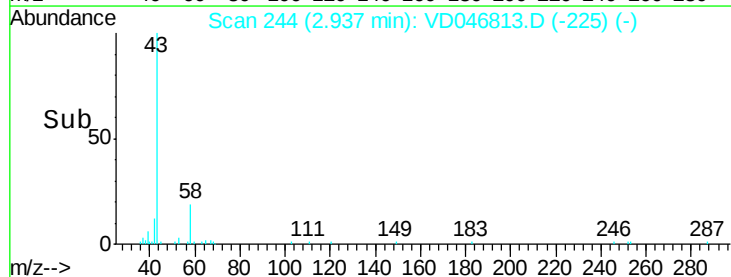
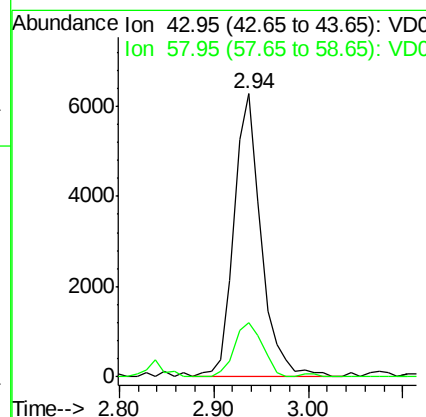
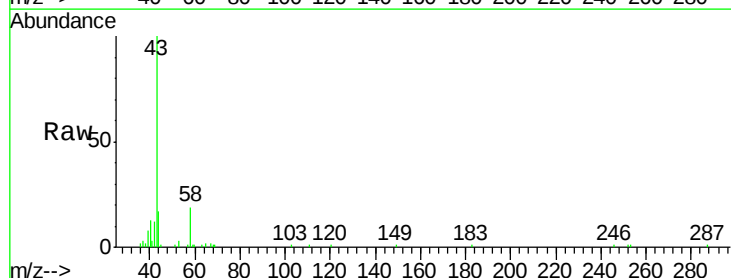
Tot Ion: 59 Resp: 92
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

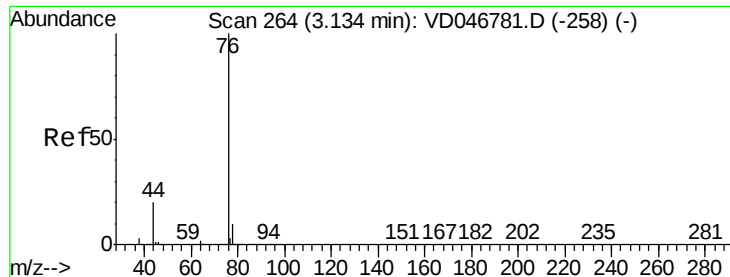


#17

Acetone
 Concen: 50.33 ug/l
 RT: 2.94 min Scan# 244
 Delta R.T. -0.01 min
 Lab File: VD046813.D
 Acq: 21 Sep 2015 17:59

Tgt Ion: 43 Resp: 12577
 Ion Ratio Lower Upper
 43 100
 58 19.3 16.6 24.8

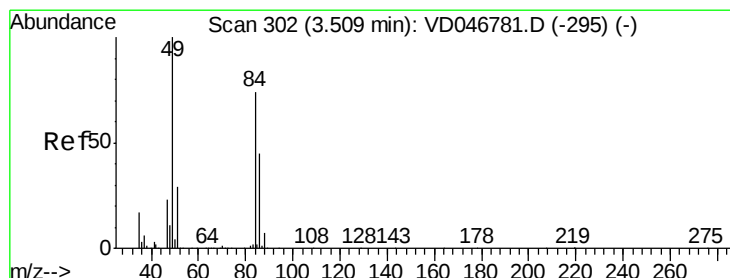
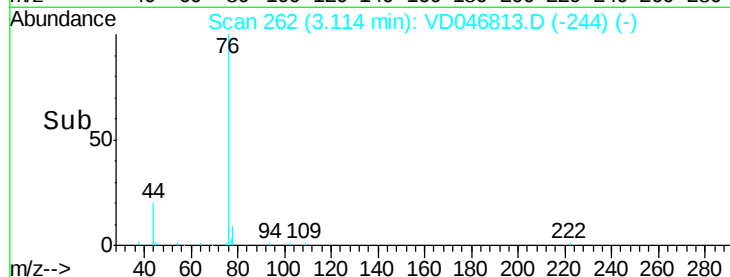
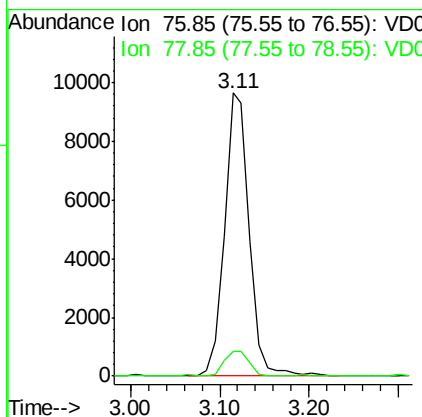
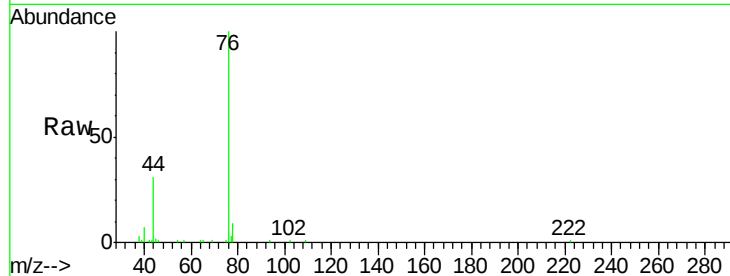




#18
Carbon Disulfide
Concen: 4.41 ug/l
RT: 3.11 min Scan# 262
Delta R.T. -0.02 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

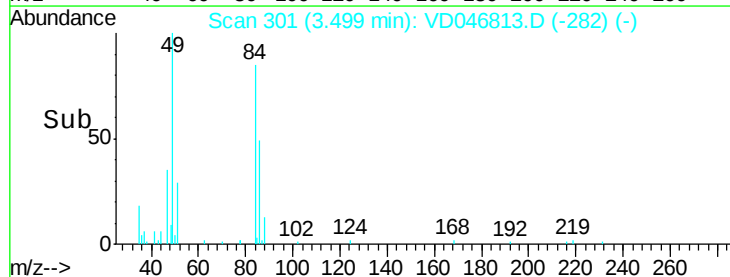
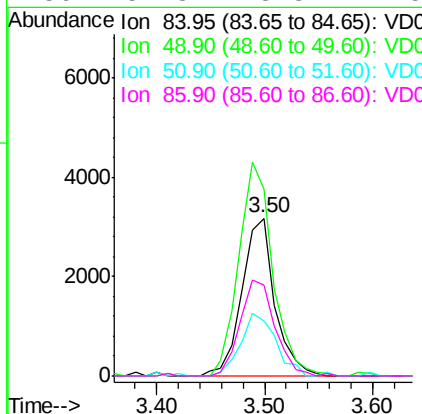
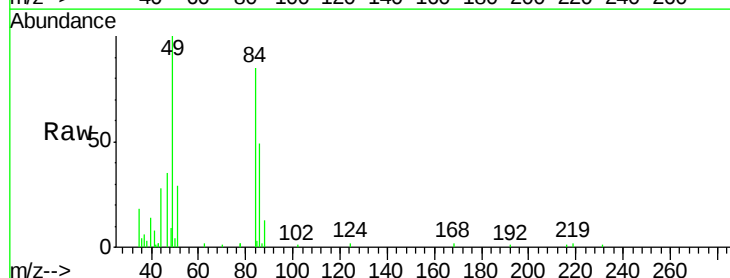
Instrument :
MSVOA_D
ClientSampleId :
MGP202-42-44

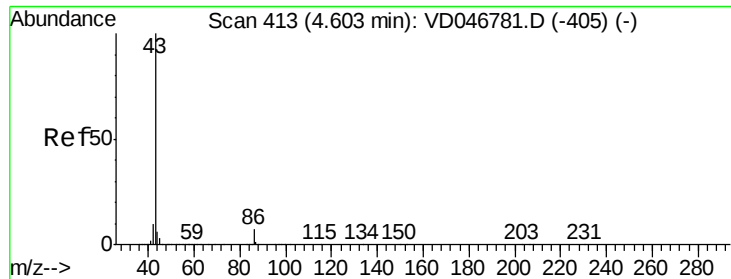
Tot Ion: 76 Resp: 18831
Ion Ratio Lower Upper
76 100
78 8.6 8.0 12.0



#21
Methylene Chloride
Concen: 4.95 ug/l
RT: 3.50 min Scan# 301
Delta R.T. -0.01 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Tgt Ion: 84 Resp: 6713
Ion Ratio Lower Upper
84 100
49 118.1 122.1 183.1#
51 34.8 33.6 50.4
86 57.3 48.3 72.5





#24

Vinyl Acetate

Concen: 15.13 ug/l

RT: 4.59 min Scan# 412

Delta R.T. -0.01 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

Instrument :

MSVOA_D

ClientSampleId :

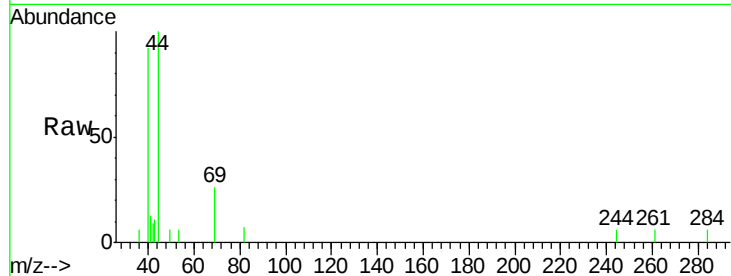
MGP202-42-44

Tot Ion: 43 Resp: 136

Ion Ratio Lower Upper

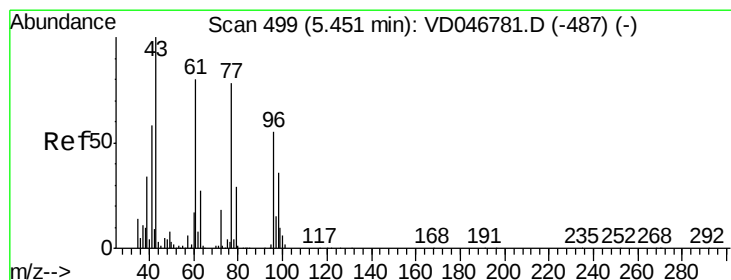
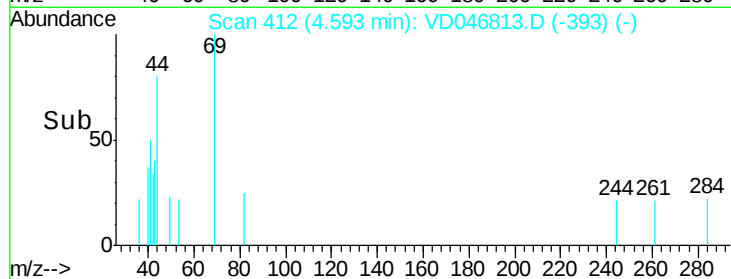
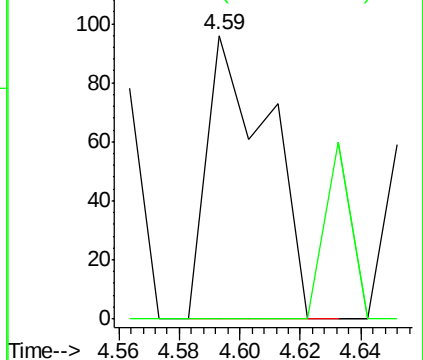
43 100

86 0.0 4.9 7.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#26

2-Butanone

Concen: 9.97 ug/l

RT: 5.44 min Scan# 498

Delta R.T. -0.01 min

Lab File: VD046813.D

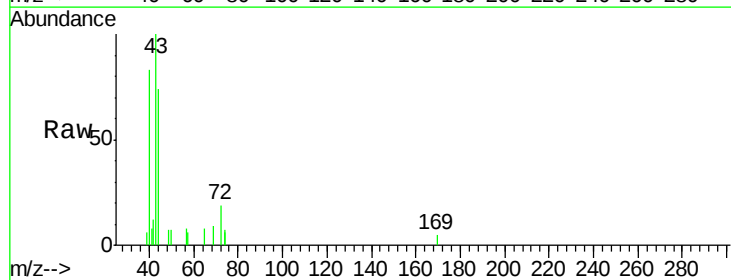
Acq: 21 Sep 2015 17:59

Tgt Ion: 43 Resp: 2799

Ion Ratio Lower Upper

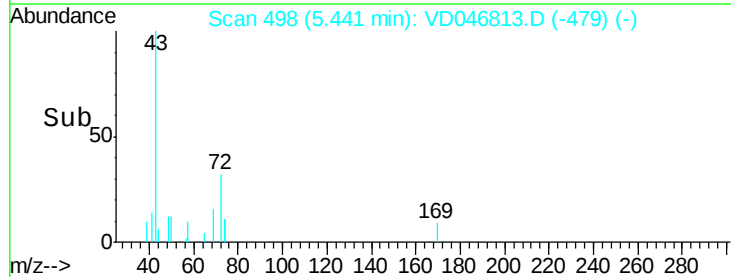
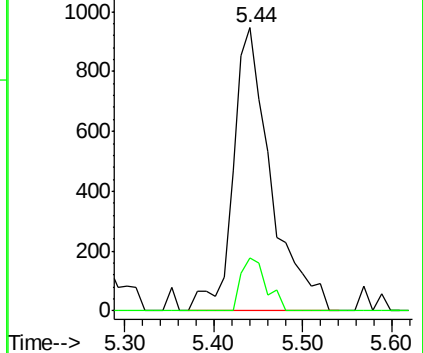
43 100

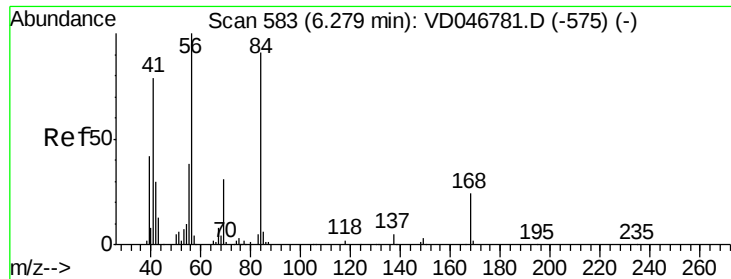
72 18.7 13.4 20.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

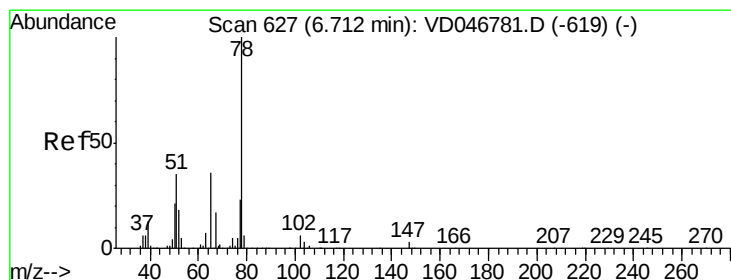
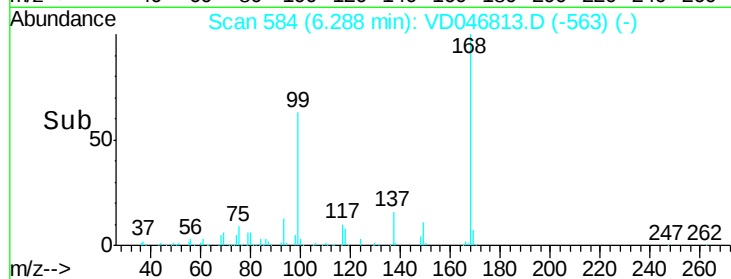
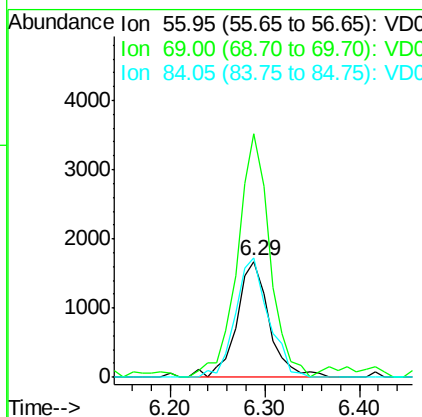
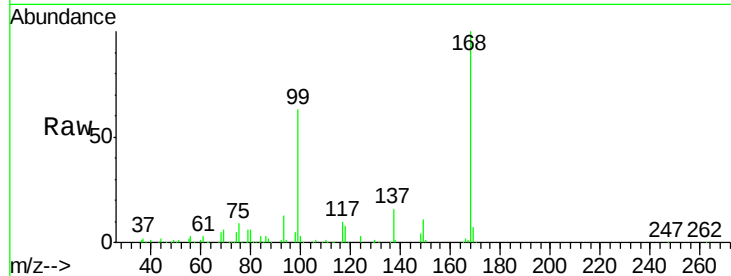




#31
Cyclohexane
Concen: 1.80 ug/l
RT: 6.29 min Scan# 584
Delta R.T. 0.01 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

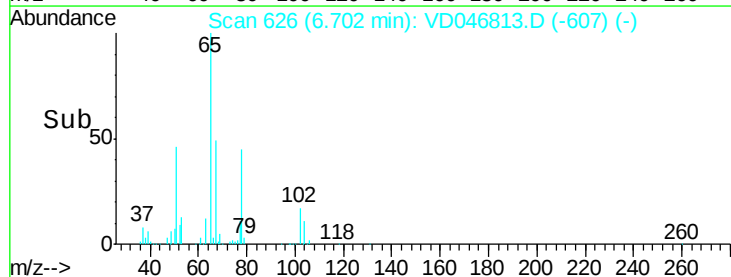
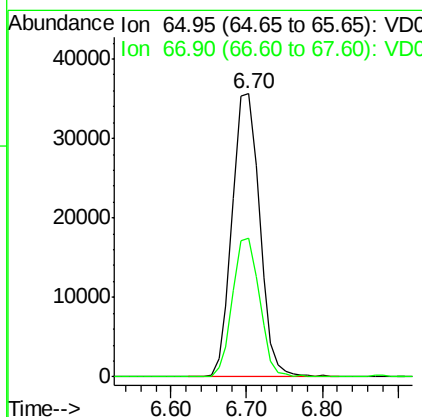
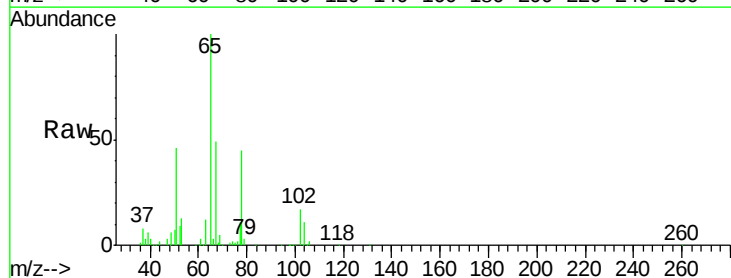
Instrument :
MSVOA_D
ClientSampleId :
MGP202-42-44

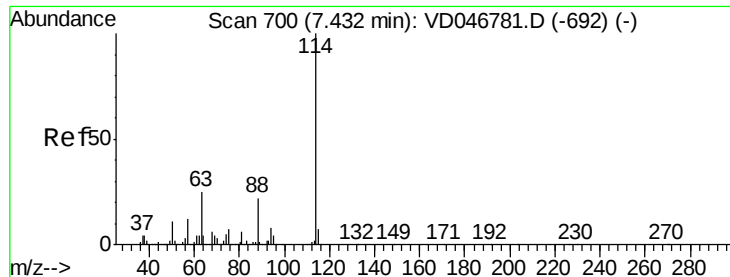
Tot Ion: 56 Resp: 3999
Ion Ratio Lower Upper
56 100
69 210.3 23.4 35.0#
84 102.8 63.8 95.8#



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.70 min Scan# 626
Delta R.T. -0.01 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Tgt Ion: 65 Resp: 89638
Ion Ratio Lower Upper
65 100
67 49.1 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.41 min Scan# 698

Delta R.T. -0.02 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

Instrument :

MSVOA_D

ClientSampleId :

MGP202-42-44

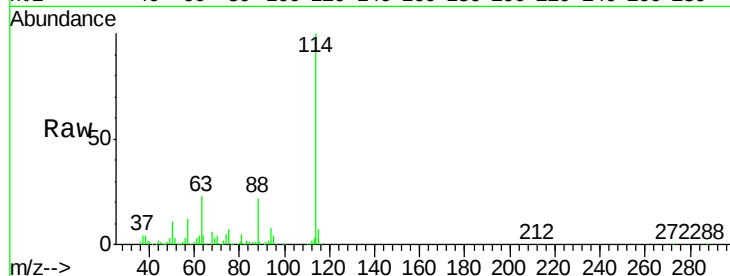
Tot Ion:114 Resp: 202268

Ion Ratio Lower Upper

114 100

63 22.8 0.0 49.8

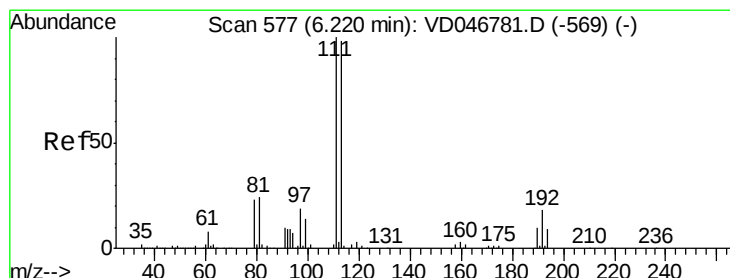
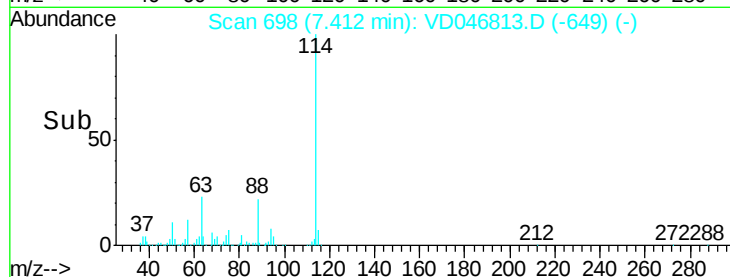
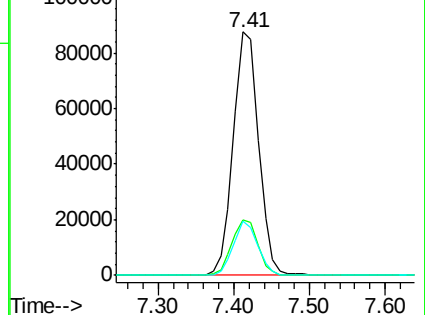
88 22.4 0.0 43.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.20 min Scan# 575

Delta R.T. -0.02 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

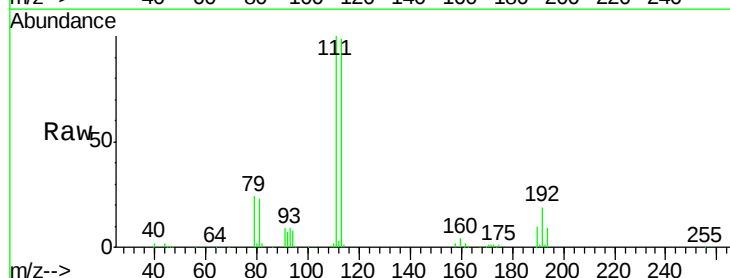
Tgt Ion:113 Resp: 86962

Ion Ratio Lower Upper

113 100

111 100.8 79.4 119.0

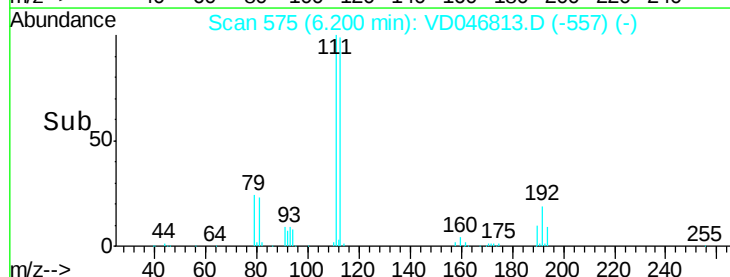
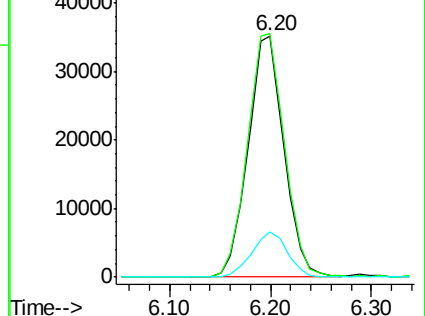
192 18.9 14.6 22.0

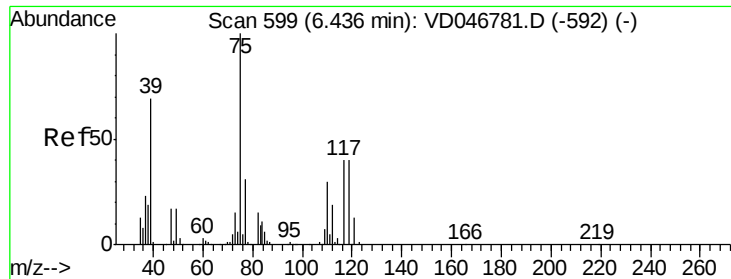


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.41 ug/l

RT: 6.29 min Scan# 584

Delta R.T. -0.15 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

Instrument :

MSVOA_D

ClientSampleId :

MGP202-42-44

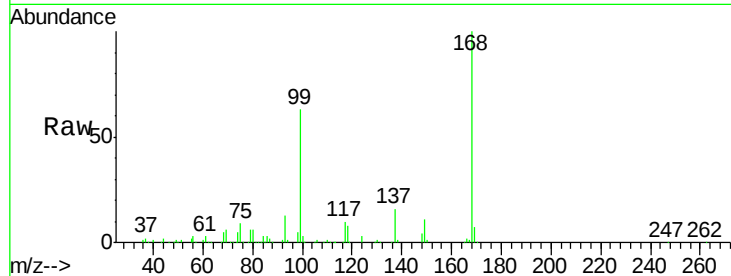
Tot Ion: 75 Resp: 12794

Ion Ratio Lower Upper

75 100

110 6.0 13.7 41.0#

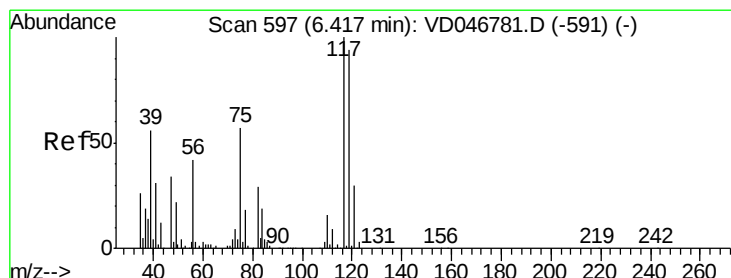
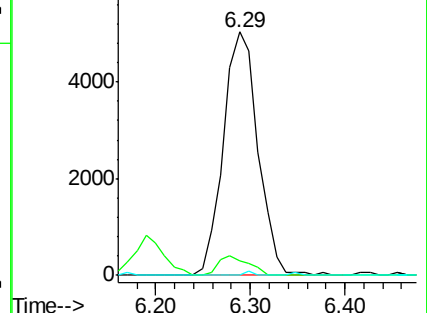
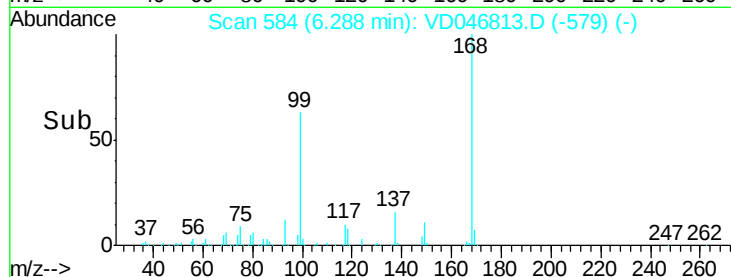
77 0.0 24.7 37.1#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 5.33 ug/l

RT: 6.29 min Scan# 584

Delta R.T. -0.13 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

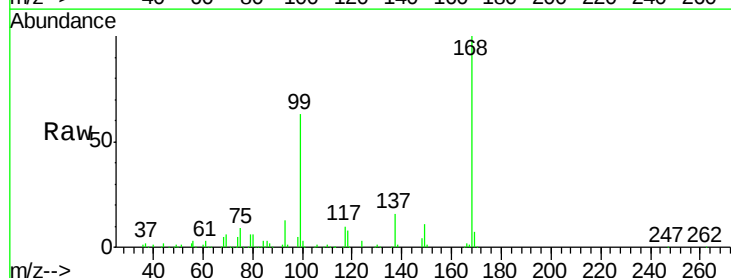
Tgt Ion: 117 Resp: 13088

Ion Ratio Lower Upper

117 100

119 4.2 76.2 114.4#

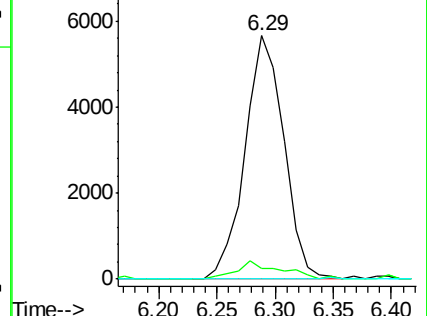
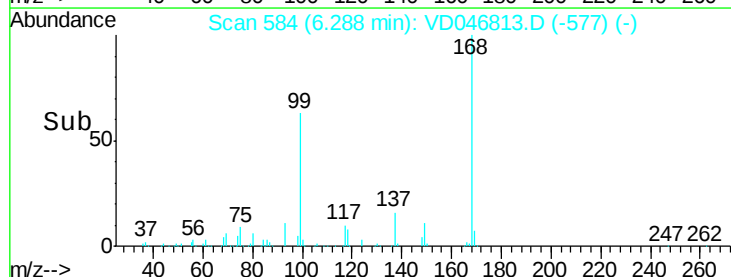
121 0.0 24.5 36.7#

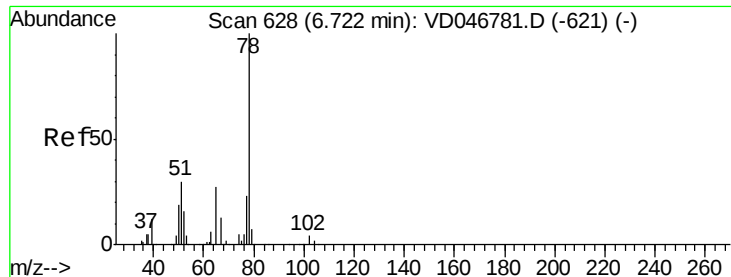


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#40

Benzene

Concen: 6.51 ug/l

RT: 6.70 min Scan# 626

Delta R.T. -0.02 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

Instrument :

MSVOA_D

ClientSampleId :

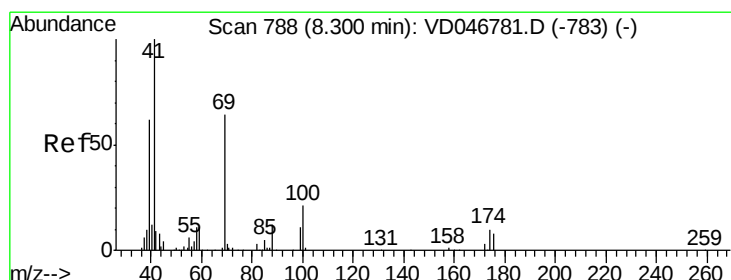
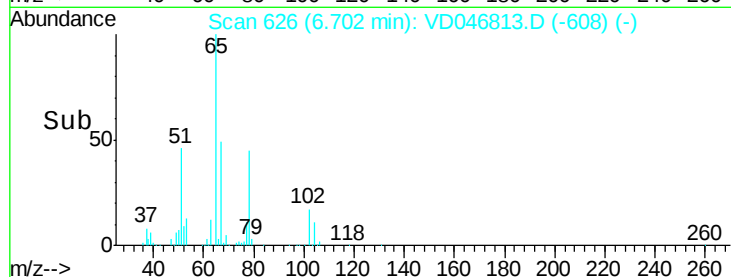
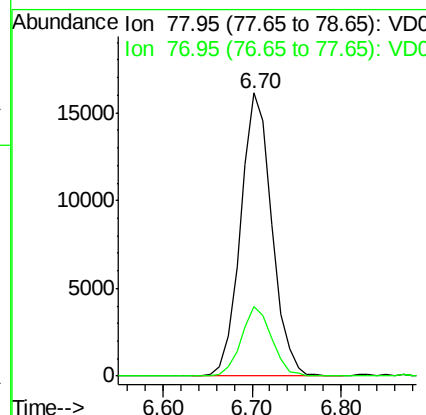
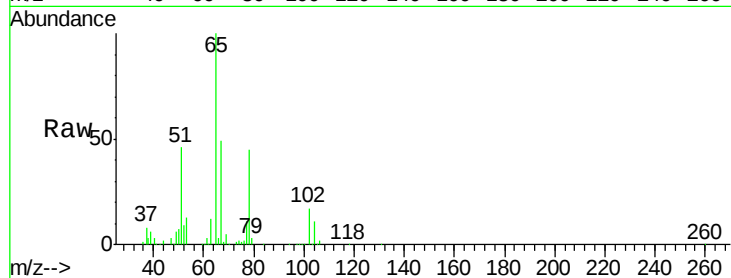
MGP202-42-44

Tot Ion: 78 Resp: 39260

Ion Ratio Lower Upper

78 100

77 24.5 19.9 29.9



#49

1,4-Dioxane

Concen: 6.71 ug/l

RT: 8.34 min Scan# 792

Delta R.T. 0.04 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

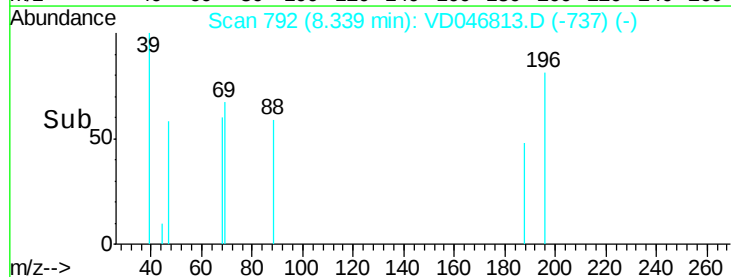
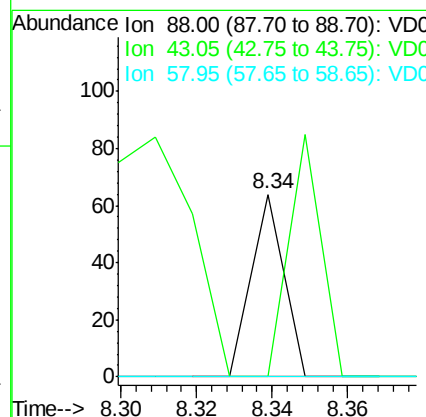
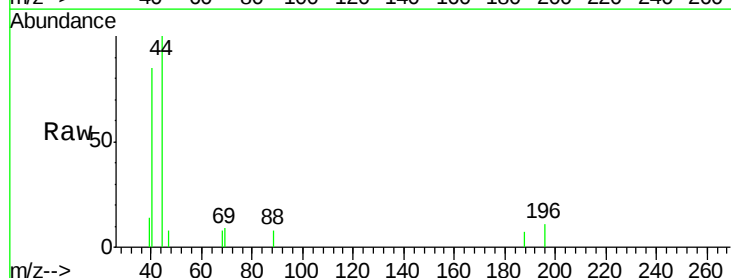
Tgt Ion: 88 Resp: 38

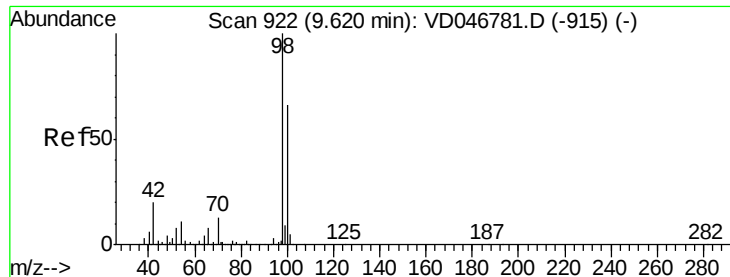
Ion Ratio Lower Upper

88 100

43 0.0 50.0 75.0#

58 0.0 48.3 72.5#





#50

Toluene-d8

Concen: 6.71 ug/l

RT: 9.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

Instrument :

MSVOA_D

ClientSampleId :

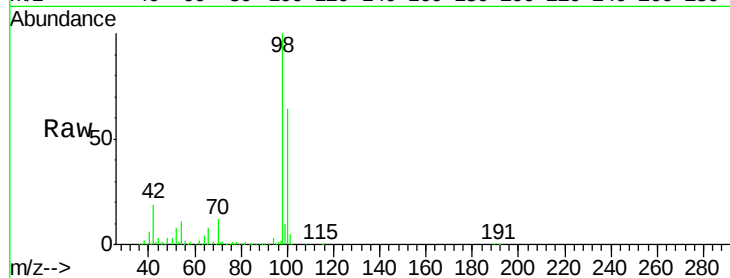
MGP202-42-44

Tot Ion: 98 Resp: 235119

Ion Ratio Lower Upper

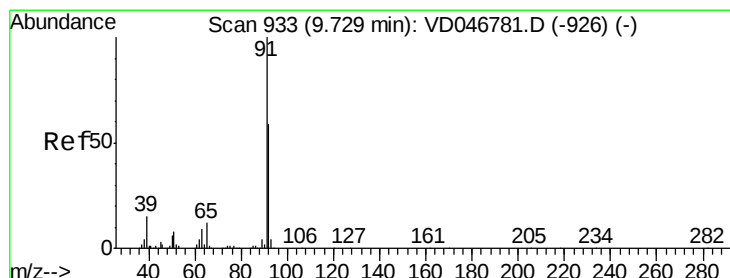
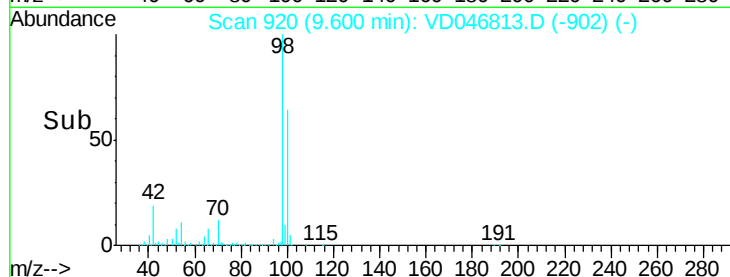
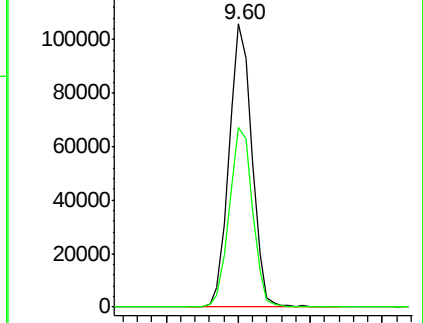
98 100

100 63.6 49.9 74.9



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 6.96 ug/l

RT: 9.71 min Scan# 931

Delta R.T. -0.02 min

Lab File: VD046813.D

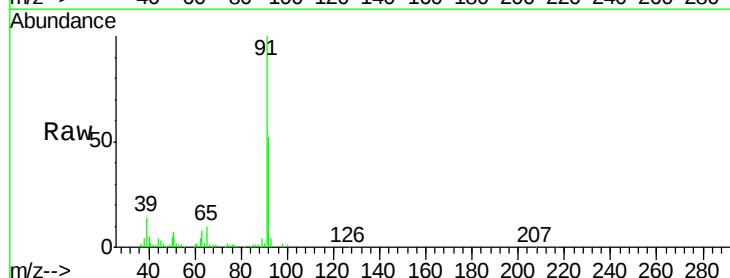
Acq: 21 Sep 2015 17:59

Tgt Ion: 92 Resp: 25907

Ion Ratio Lower Upper

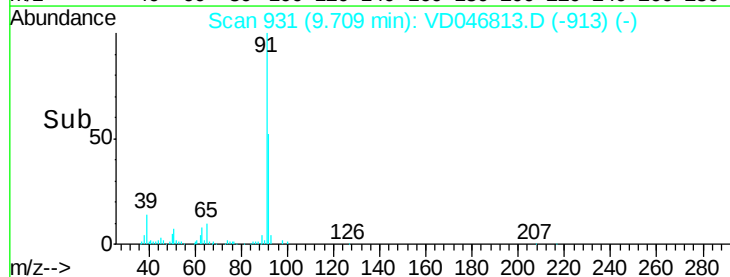
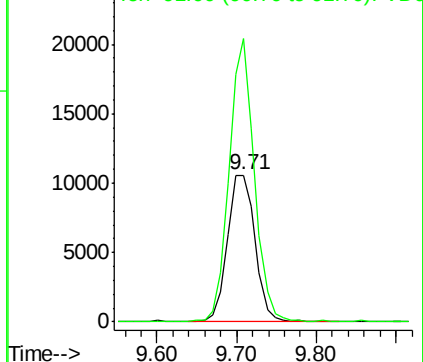
92 100

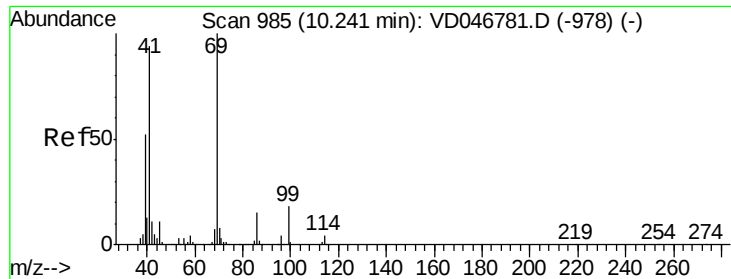
91 193.2 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#56

Ethyl methacrylate

Concen: 4.37 ug/l

RT: 10.22 min Scan# 983

Delta R.T. -0.02 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

Instrument :

MSVOA_D

ClientSampleId :

MGP202-42-44

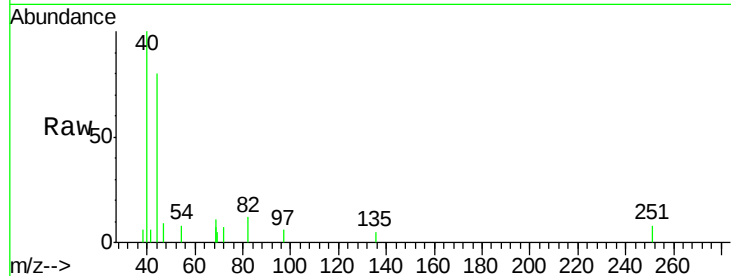
Tot Ion: 69 Resp: 538

Ion Ratio Lower Upper

69 100

41 35.2 75.4 113.0#

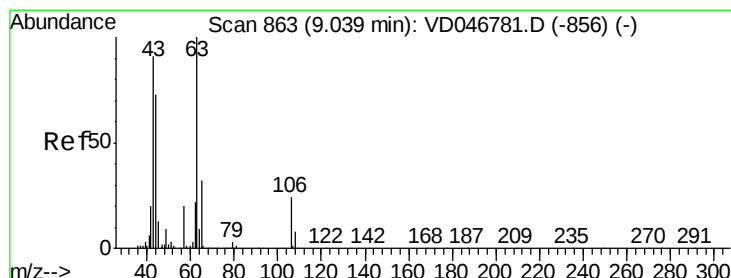
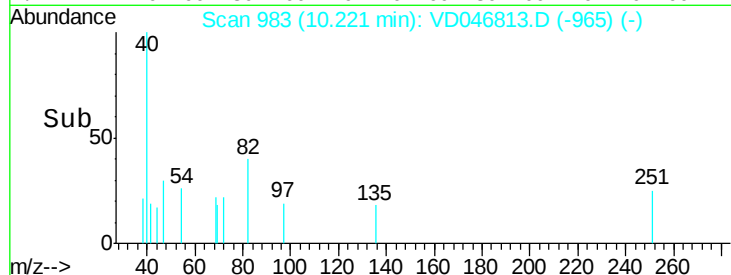
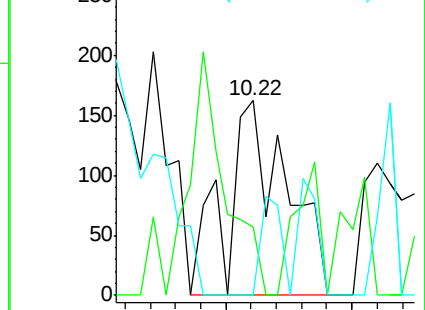
39 0.0 41.0 61.4#



Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 6.40 ug/l

RT: 8.97 min Scan# 856

Delta R.T. -0.07 min

Lab File: VD046813.D

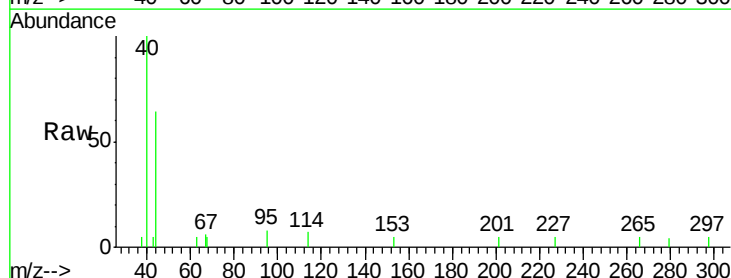
Acq: 21 Sep 2015 17:59

Tgt Ion: 63 Resp: 36

Ion Ratio Lower Upper

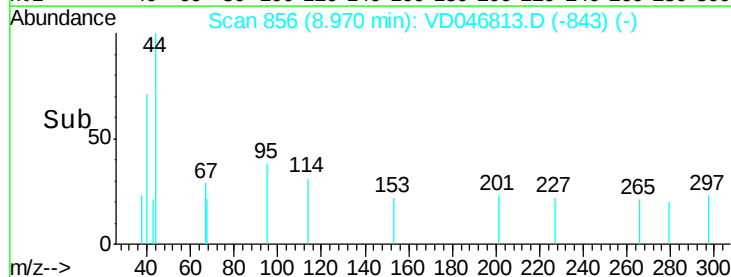
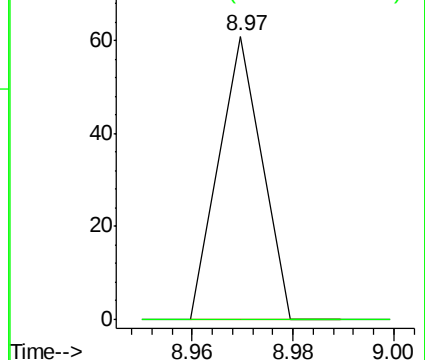
63 100

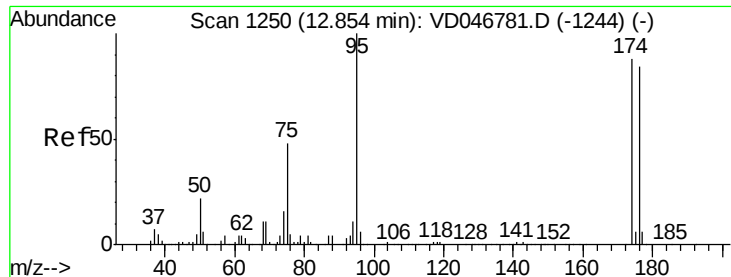
106 0.0 17.8 26.8#



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

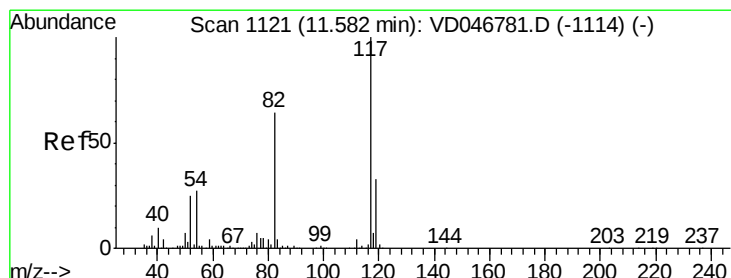
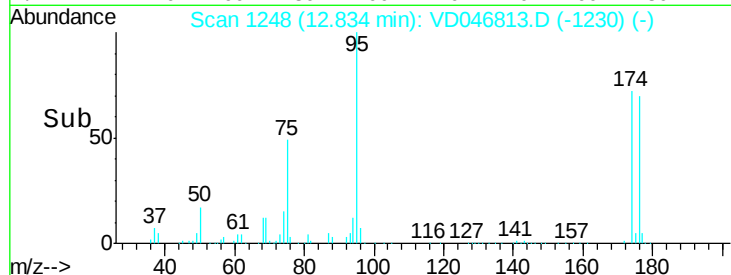
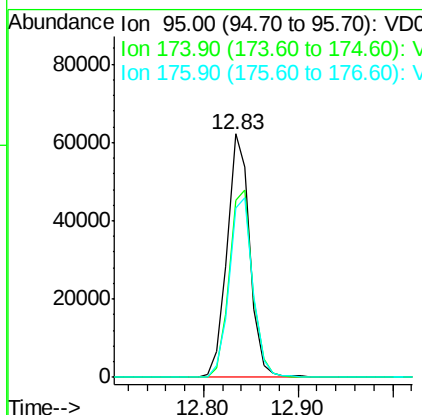
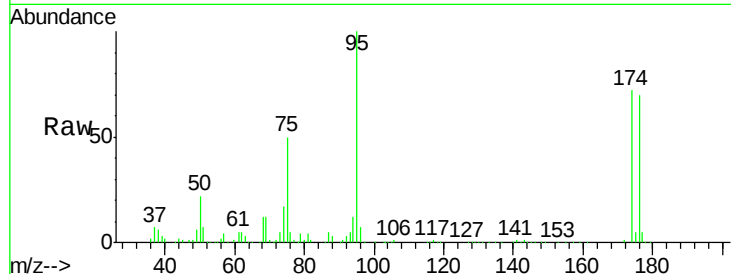




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.83 min Scan# 1248
Delta R.T. -0.02 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

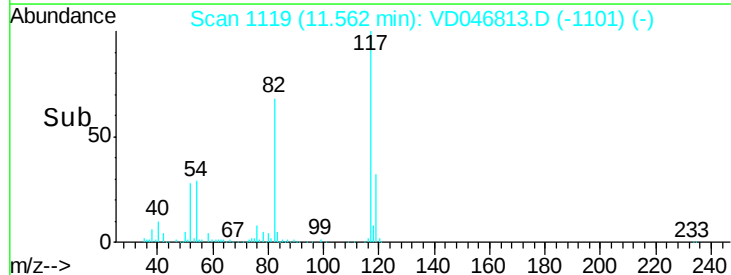
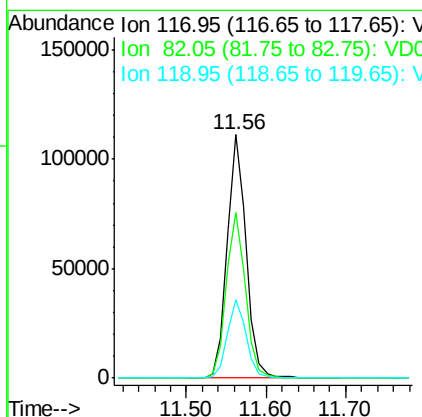
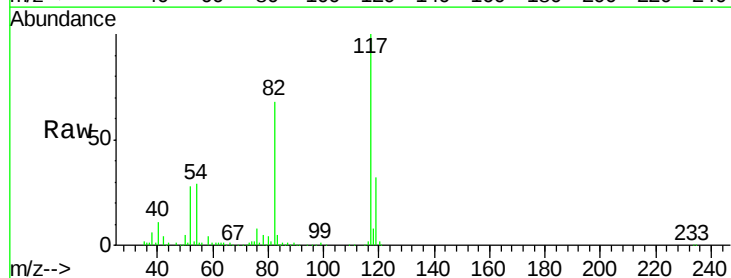
Instrument :
MSVOA_D
ClientSampleId :
MGP202-42-44

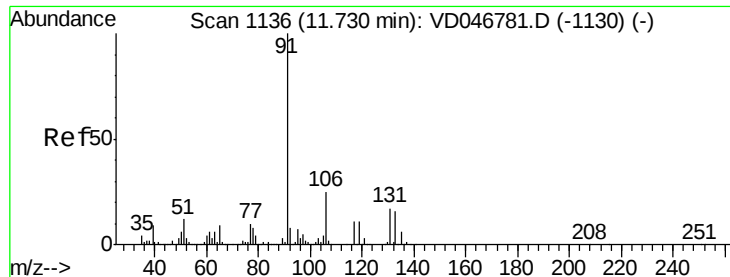
Tot Ion: 95 Resp: 103114
Ion Ratio Lower Upper
95 100
174 72.5 0.0 149.8
176 69.6 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.56 min Scan# 1119
Delta R.T. -0.02 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Tgt Ion: 117 Resp: 187068
Ion Ratio Lower Upper
117 100
82 68.1 50.6 75.8
119 32.1 25.8 38.8





#67

Ethyl Benzene

Concen: 1.16 ug/l

RT: 11.72 min Scan# 1135

Delta R.T. -0.01 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

Instrument :

MSVOA_D

ClientSampleId :

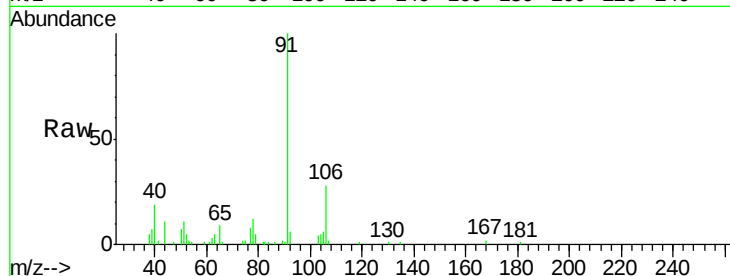
MGP202-42-44

Tot Ion: 91 Resp: 9203

Ion Ratio Lower Upper

91 100

106 27.7 20.2 30.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V

11.72

6000

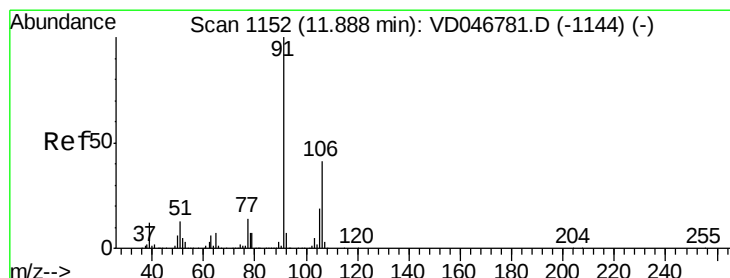
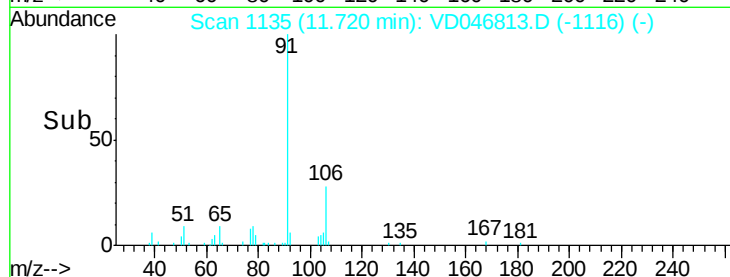
4000

2000

0

11.65 11.70 11.75 11.80

Time-->



#68

m/p-Xylenes

Concen: 2.34 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. -0.02 min

Lab File: VD046813.D

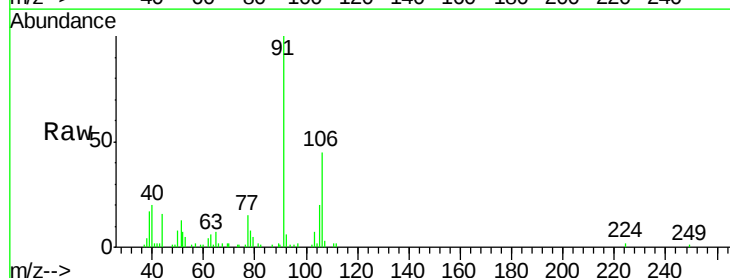
Acq: 21 Sep 2015 17:59

Tgt Ion: 106 Resp: 5837

Ion Ratio Lower Upper

106 100

91 221.0 187.9 281.9



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): V

11.87

6000

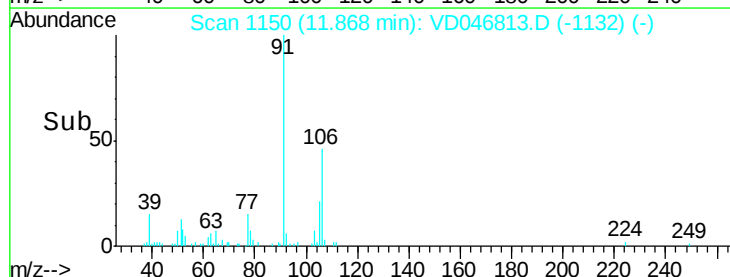
4000

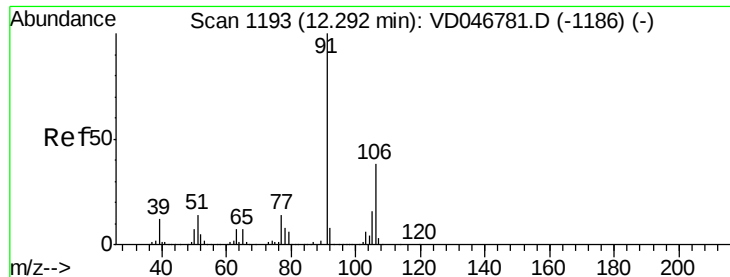
2000

0

11.80 11.85 11.90 11.95

Time-->

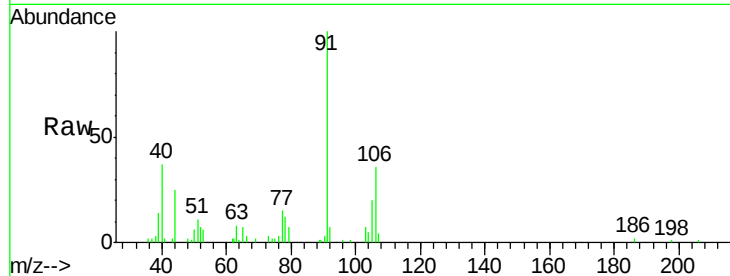




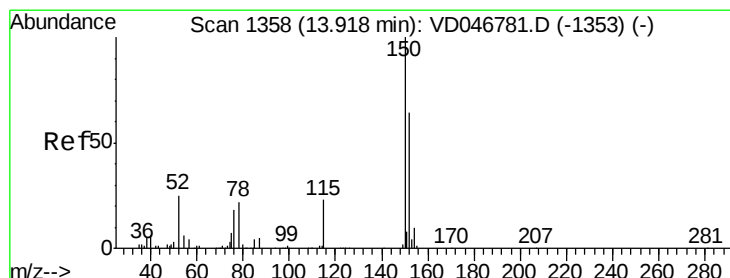
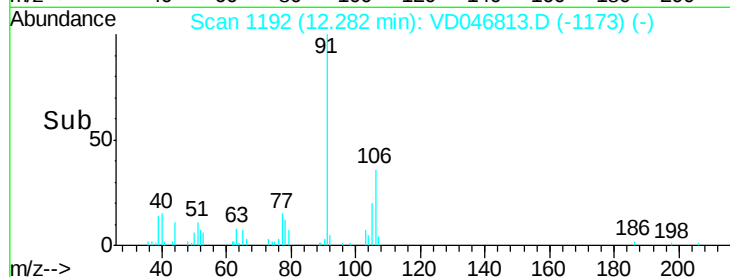
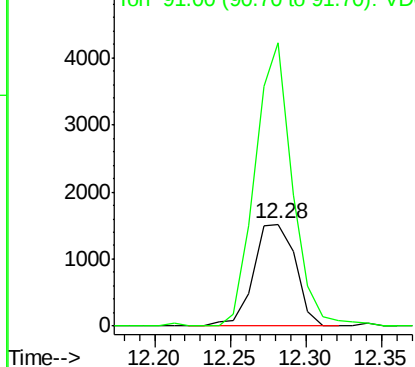
#69
o-Xylene
Concen: 1.31 ug/l
RT: 12.28 min Scan# 1192
Delta R.T. -0.01 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Instrument :
MSVOA_D
ClientSampleId :
MGP202-42-44

Tot Ion:106 Resp: 2949
Ion Ratio Lower Upper
106 100
91 277.8 124.8 374.5

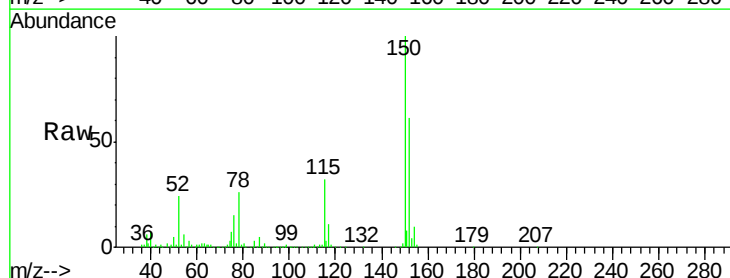


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

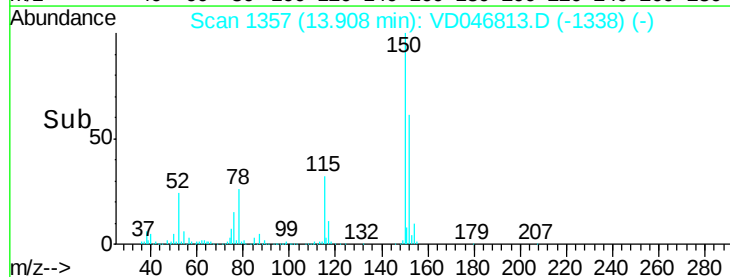
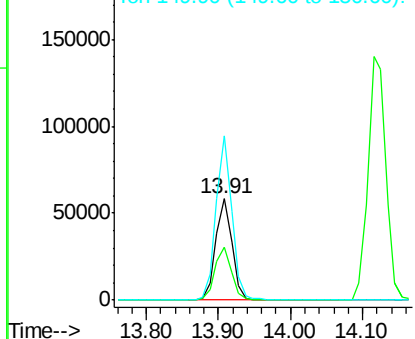


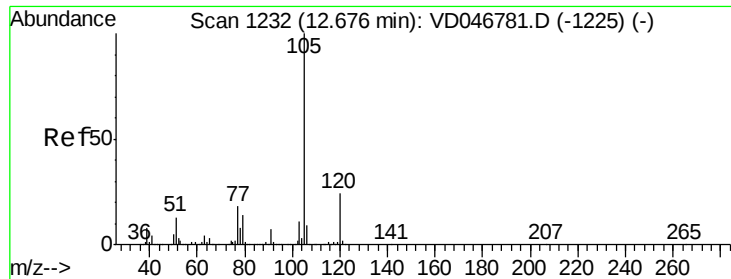
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.91 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Tgt Ion:152 Resp: 90286
Ion Ratio Lower Upper
152 100
115 52.5 26.2 78.6
150 163.0 0.0 311.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.09 ug/l

RT: 12.66 min Scan# 1230

Delta R.T. -0.02 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

Instrument :

MSVOA_D

ClientSampleId :

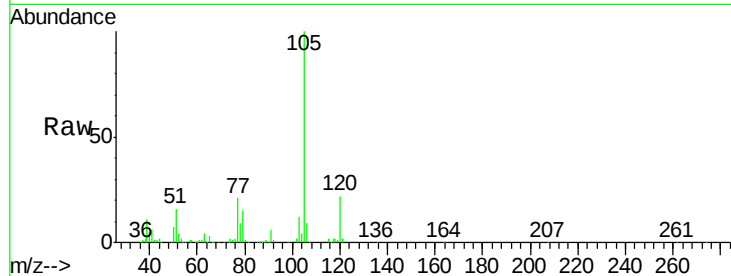
MGP202-42-44

Tot Ion:105 Resp: 64221

Ion Ratio Lower Upper

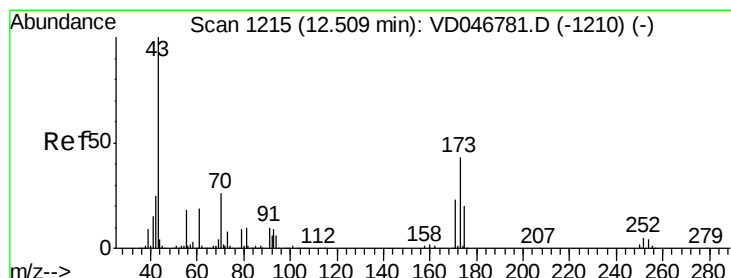
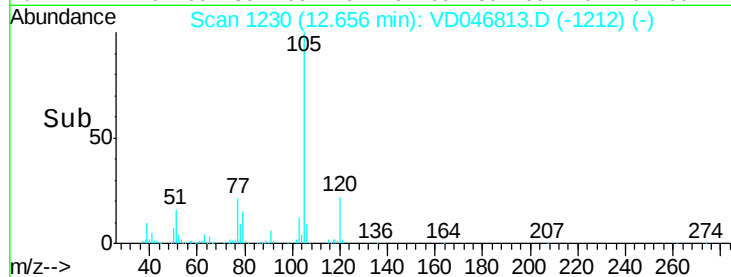
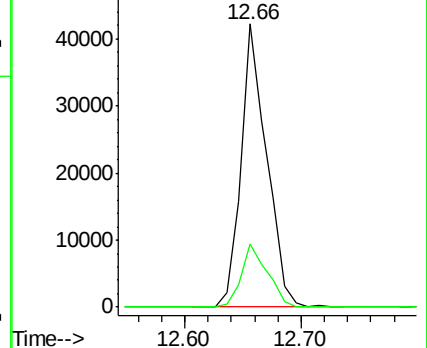
105 100

120 22.4 12.4 37.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 4.75 ug/l

RT: 12.50 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

Tgt Ion: 43 Resp: 63

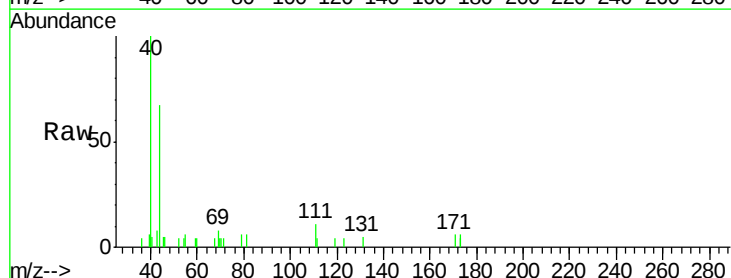
Ion Ratio Lower Upper

43 100

70 46.7 22.1 33.1#

55 84.1 14.5 21.7#

61 0.0 14.6 21.8#

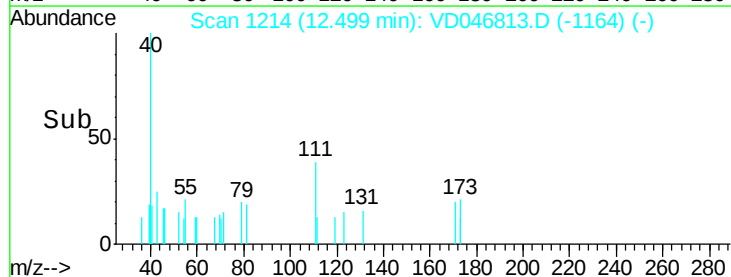
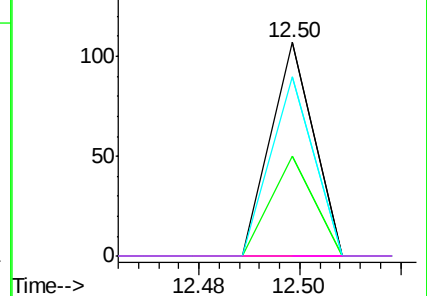


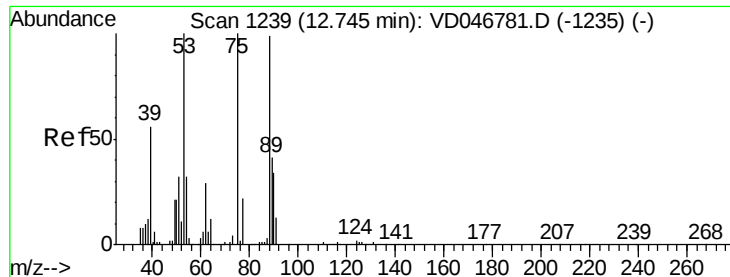
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 157.59 ug/l

RT: 12.83 min Scan# 1248

Delta R.T. 0.09 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

Instrument :

MSVOA_D

ClientSampleId :

MGP202-42-44

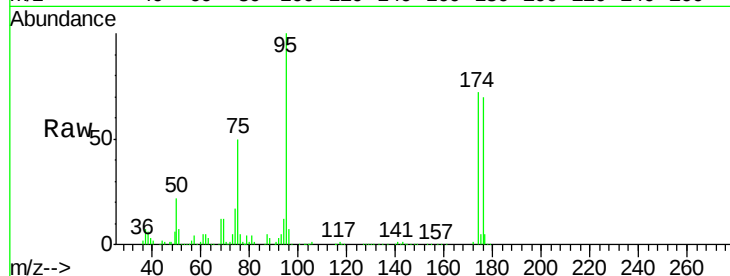
Tot Ion: 75 Resp: 50304

Ion Ratio Lower Upper

75 100

53 0.3 82.3 123.5#

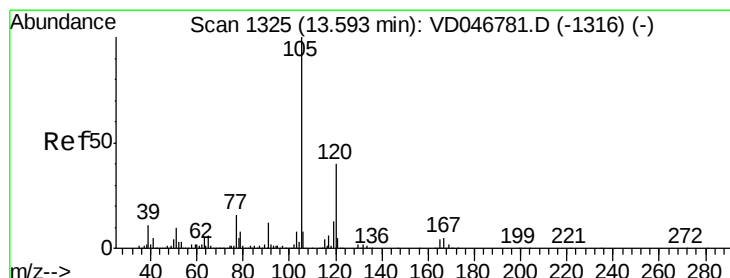
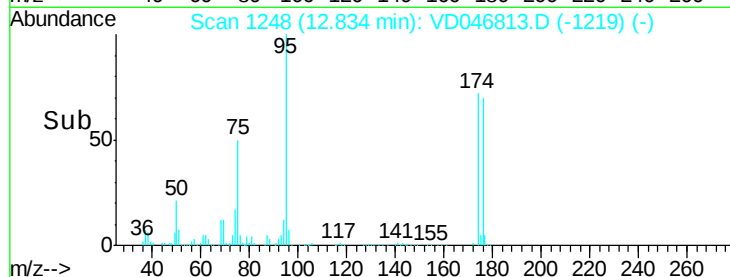
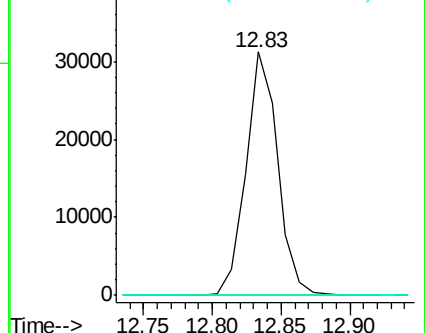
89 0.0 36.6 54.8#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#84

1,2,4-Trimethylbenzene

Concen: 2.43 ug/l

RT: 13.58 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VD046813.D

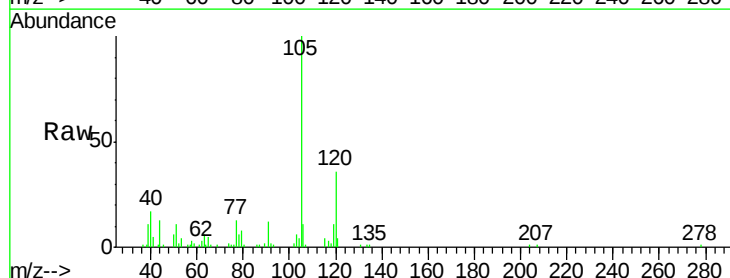
Acq: 21 Sep 2015 17:59

Tgt Ion:105 Resp: 12413

Ion Ratio Lower Upper

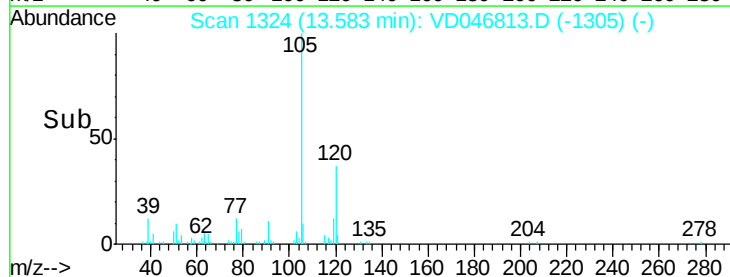
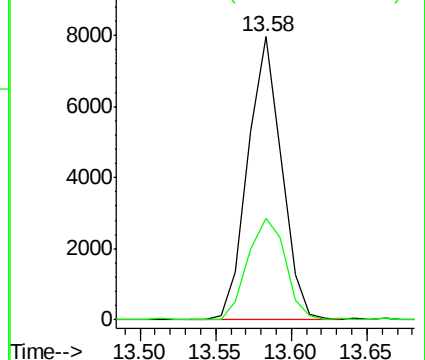
105 100

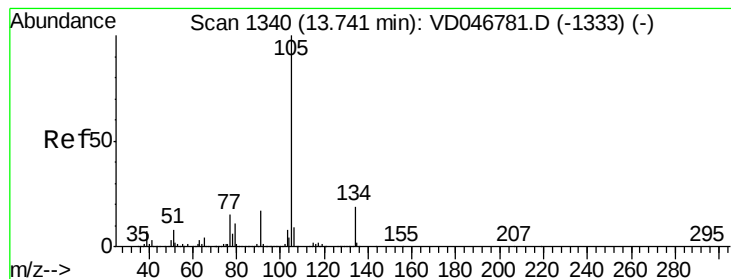
120 36.0 21.1 63.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 1.72 ug/l

RT: 13.58 min Scan# 1324

Delta R.T. -0.16 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

Instrument :

MSVOA_D

ClientSampleId :

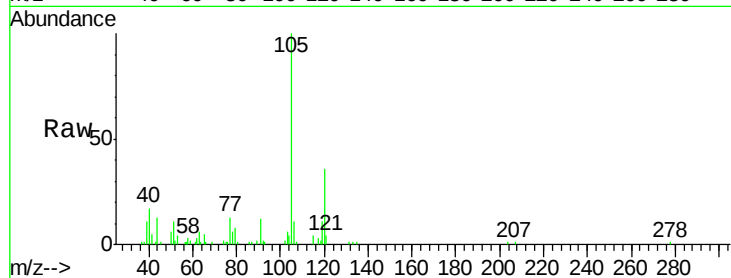
MGP202-42-44

Tot Ion:105 Resp: 11543

Ion Ratio Lower Upper

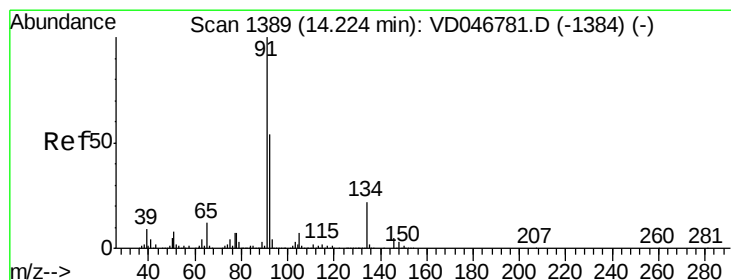
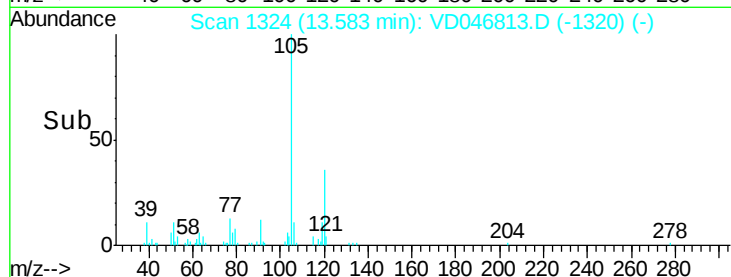
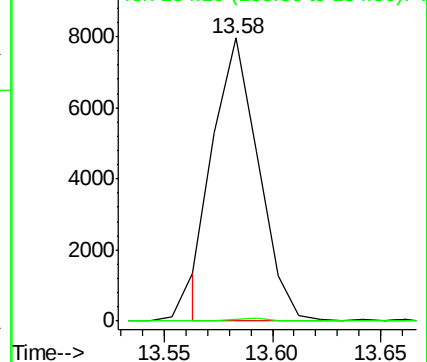
105 100

134 0.7 10.1 30.3#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#89

n-Butylbenzene

Concen: 22.41 ug/l

RT: 14.12 min Scan# 1378

Delta R.T. -0.11 min

Lab File: VD046813.D

Acq: 21 Sep 2015 17:59

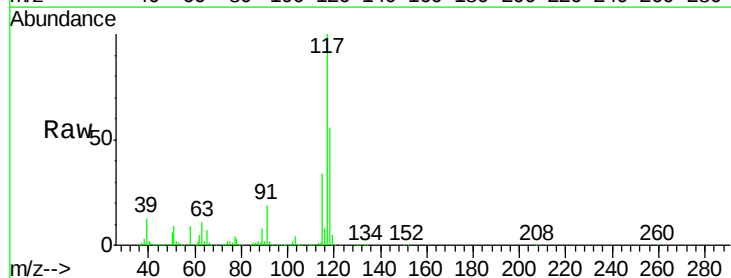
Tgt Ion: 91 Resp: 133628

Ion Ratio Lower Upper

91 100

92 9.4 27.1 81.2#

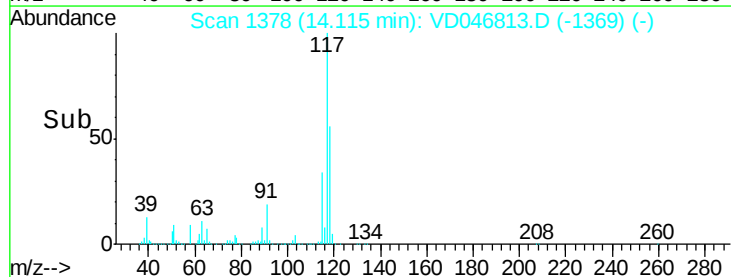
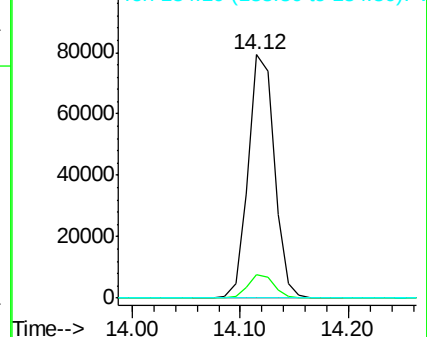
134 0.1 9.6 28.6#

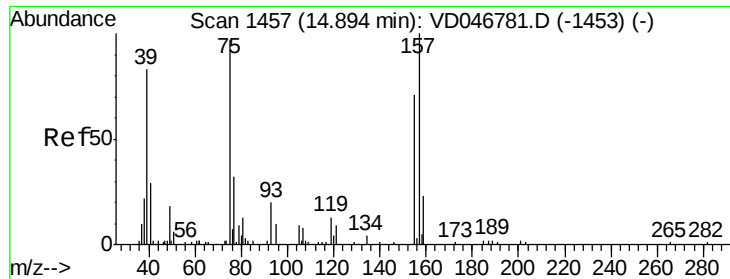


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V

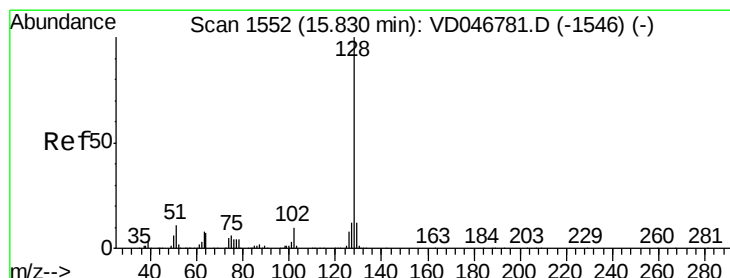
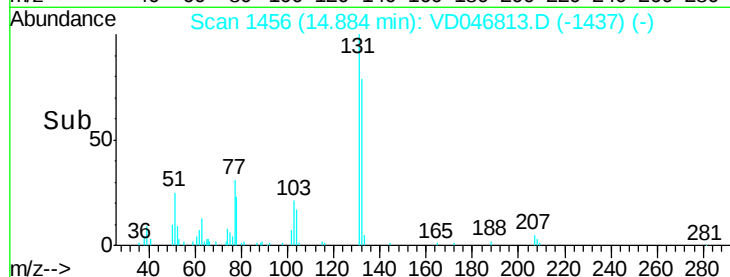
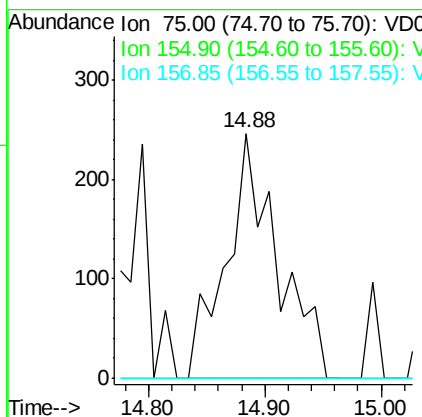
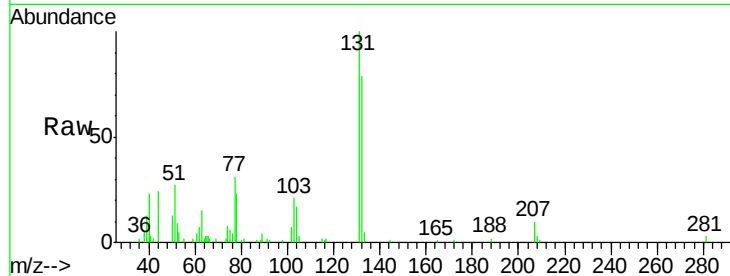




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.72 ug/l
 RT: 14.88 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: VD046813.D
 Acq: 21 Sep 2015 17:59

Instrument :
 MSVOA_D
 ClientSampleId :
 MGP202-42-44

Tot Ion: 75 Resp: 755
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.4 124.4#
 157 0.0 65.0 195.1#



#95
 Naphthalene
 Concen: 20.81 ug/l
 RT: 15.81 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: VD046813.D
 Acq: 21 Sep 2015 17:59

Tgt Ion: 128 Resp: 36997
 Ion Ratio Lower Upper
 128 100
 127 11.7 9.8 14.6
 129 10.4 8.6 12.8

