

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046811.D
 Acq On : 21 Sep 2015 17:04
 Operator : FY/SY
 Sample : G3748-01
 Misc : 8.44qm/5mL/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MGP202-30-32

Quant Time: Sep 22 01:04:42 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	129265	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	190246	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.57	117	169801	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.90	152	79649	50.00	ug/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.70	65	84980	63.23	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	126.46%	
35) Dibromofluoromethane	6.19	113	83370	56.01	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	112.02%	
50) Toluene-d8	9.60	98	219291	46.70	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	93.40%	
62) 4-Bromofluorobenzene	12.84	95	88362	46.73	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	93.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.42	85	703	Below Cal		95
3) Chlorodifluoromethane	1.43	51	243	Below Cal	#	53
6) Bromomethane	1.95	94	420	Below Cal	#	2
11) Methyl Iodide	2.82	142	46	1.77	ug/l	# 35
12) Tert butyl alcohol	3.68	59	233	Below Cal	#	74
14) Acrolein	2.76	56	70	1.02	ug/l	# 75
17) Acetone	2.93	43	16403	72.23	ug/l	99
18) Carbon Disulfide	3.12	76	44894	11.57	ug/l	100
21) Methylene Chloride	3.49	84	2810	2.28	ug/l	# 93
24) Vinyl Acetate	4.63	43	179	15.20	ug/l	# 82
26) 2-Butanone	5.45	43	3416	13.38	ug/l	# 80
31) Cyclohexane	6.29	56	3814	1.89	ug/l	# 10
36) 1,1-Dichloropropene	6.28	75	11988	5.39	ug/l	# 53
37) Ethyl Acetate	5.45	43	3416	4.78	ug/l	# 73
38) Carbon Tetrachloride	6.29	117	12758	5.52	ug/l	# 16
40) Benzene	6.71	78	10503	1.85	ug/l	96
49) 1,4-Dioxane	8.29	88	42	7.89	ug/l	# 20
52) Toluene	9.70	92	30835	8.81	ug/l	99
56) Ethyl methacrylate	10.21	69	205	4.07	ug/l	# 11
58) 2-Chloroethyl Vinyl ether	8.90	63	80	6.50	ug/l	# 53
67) Ethyl Benzene	11.71	91	948107	132.04	ug/l	98
68) m/p-Xylenes	11.86	106	7248	3.20	ug/l	73
69) o-Xylene	12.28	106	3973	1.95	ug/l	96
73) Isopropylbenzene	12.66	105	1034416	184.23	ug/l	98
74) N-amyl acetate	12.53	43	202	4.84	ug/l	# 63
80) 1,3,5-Trimethylbenzene	13.24	105	43022	9.62	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.66	75	15044	55.91	ug/l	# 75
82) 4-Chlorotoluene	13.24	91	5624	1.07	ug/l	# 46
83) tert-Butylbenzene	13.58	119	32370	8.02	ug/l	# 55
84) 1,2,4-Trimethylbenzene	13.58	105	292514	64.95	ug/l	97
85) sec-Butylbenzene	13.58	105	285809	48.20	ug/l	# 56
86) p-Isopropyltoluene	13.94	119	15847	3.40	ug/l	# 1
89) n-Butylbenzene	14.12	91	984339	187.09	ug/l	# 43
90) Hexachloroethane	14.60	117	15972	14.78	ug/l	# 8

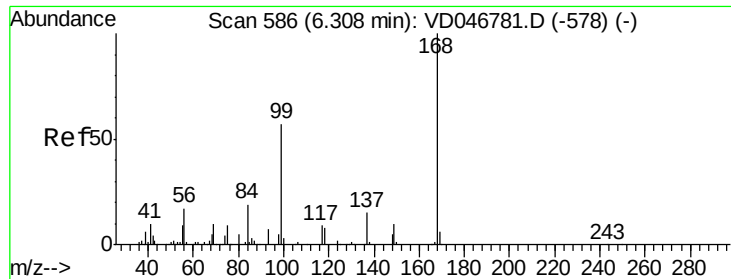
Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
Data File : VD046811.D
Acq On : 21 Sep 2015 17:04
Operator : FY/SY
Sample : G3748-01
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Quant Time: Sep 22 01:04:42 2015
Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:47:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.89	75	4751	40.80	ug/l #	1
95) Naphthalene	15.81	128	238882	137.27	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.29 min Scan# 585

Delta R.T. -0.02 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

Instrument :

MSVOA_D

ClientSampleId :

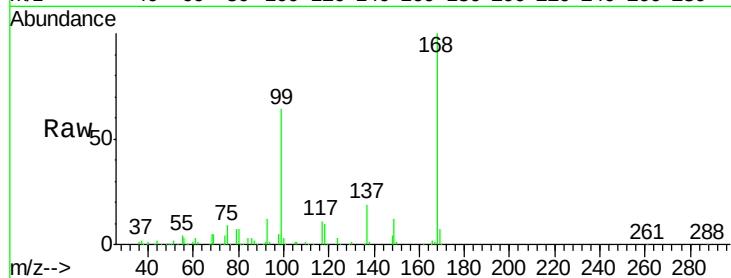
MGP202-30-32

Tot Ion:168 Resp: 129265

Ion Ratio Lower Upper

168 100

99 64.5 42.4 63.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.29

60000

50000

40000

30000

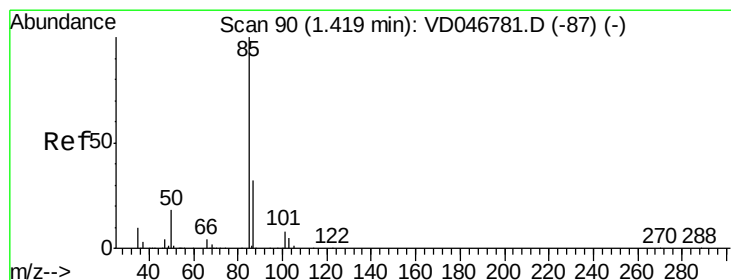
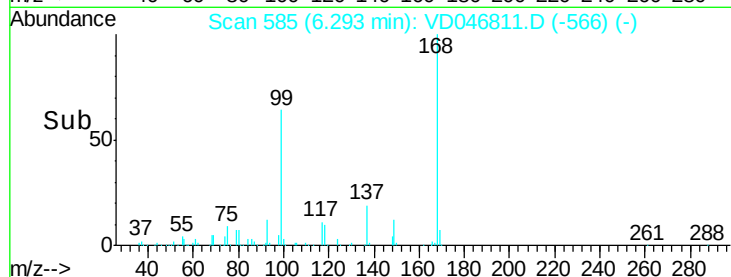
20000

10000

0

6.20 6.30 6.40

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.42 min Scan# 91

Delta R.T. 0.00 min

Lab File: VD046811.D

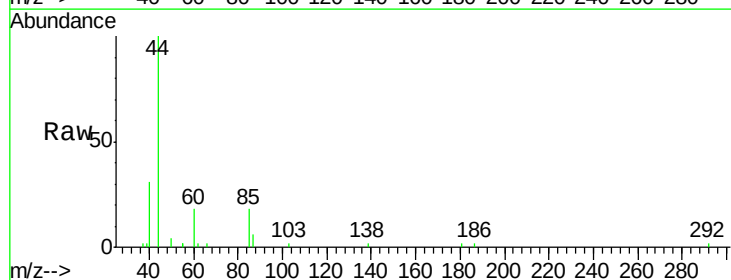
Acq: 21 Sep 2015 17:04

Tgt Ion: 85 Resp: 703

Ion Ratio Lower Upper

85 100

87 35.2 16.2 48.5



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.42

600

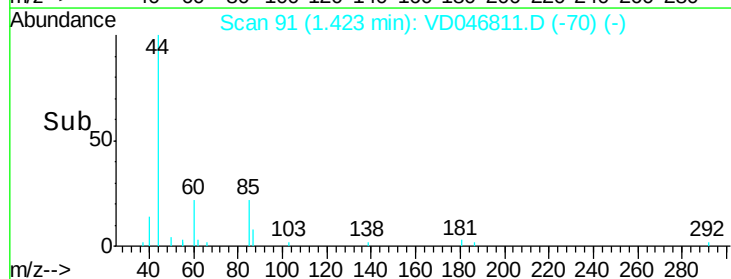
400

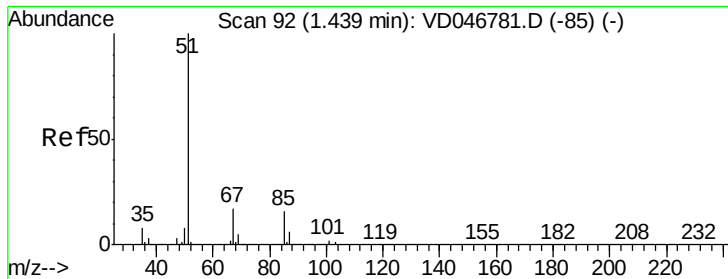
200

0

1.40 1.45

Time-->





#3

Chlorodifluoromethane

Concen: Below Cal

RT: 1.43 min Scan# 92

Delta R.T. -0.00 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

Instrument :

MSVOA_D

ClientSampleId :

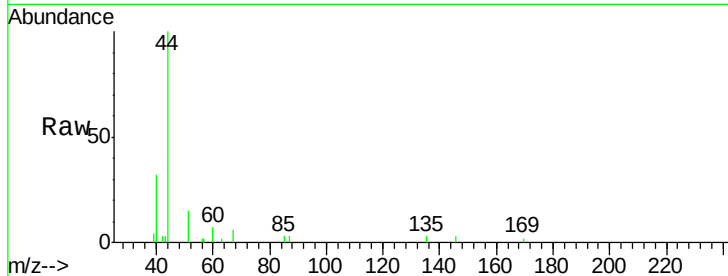
MGP202-30-32

Tot Ion: 51 Resp: 243

Ion Ratio Lower Upper

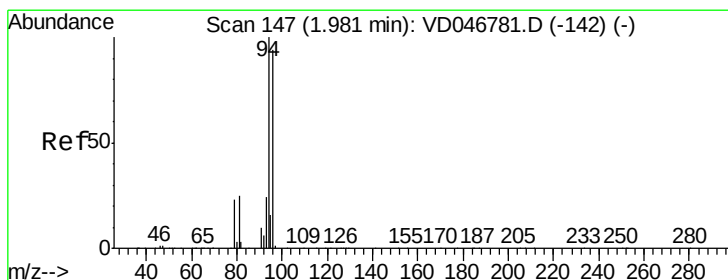
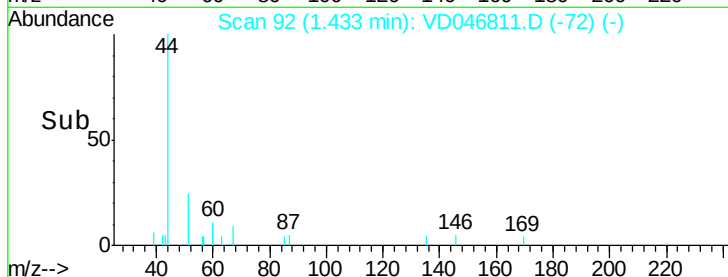
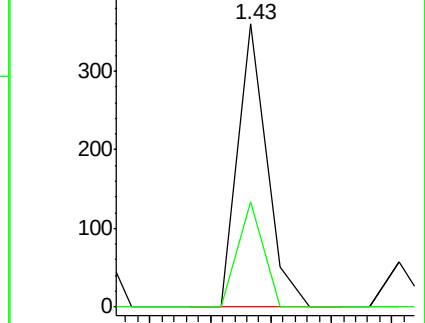
51 100

67 32.5 10.9 16.3#



Abundance Ion 51.00 (50.70 to 51.70): VDC

Ion 67.00 (66.70 to 67.70): VDC



#6

Bromomethane

Concen: Below Cal

RT: 1.95 min Scan# 144

Delta R.T. -0.04 min

Lab File: VD046811.D

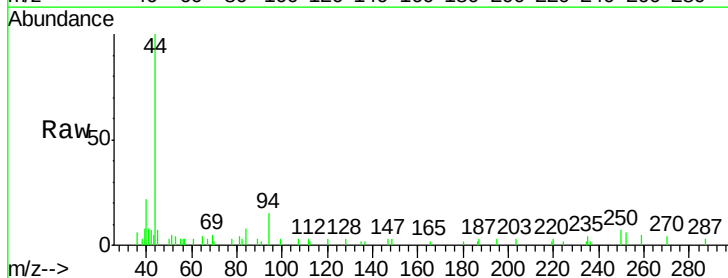
Acq: 21 Sep 2015 17:04

Tgt Ion: 94 Resp: 420

Ion Ratio Lower Upper

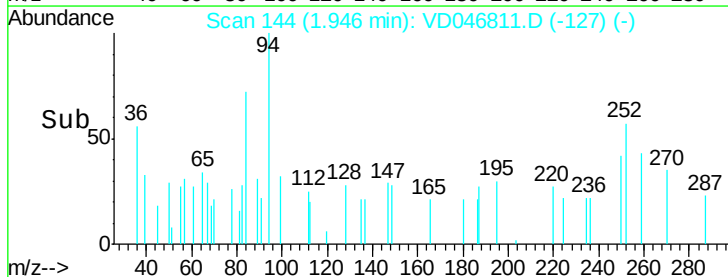
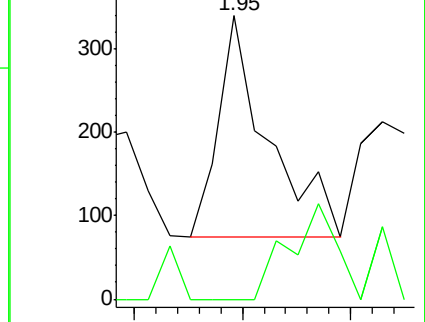
94 100

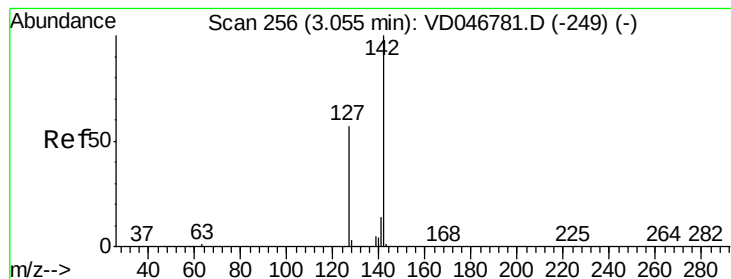
96 0.0 76.0 114.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#11

Methvl Iodide

Concen: 1.77 ua/l

RT: 2.82 min Scan# 233

Delta R.T. -0.23 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

Instrument :

MSVOA_D

ClientSampleId :

MGP202-30-32

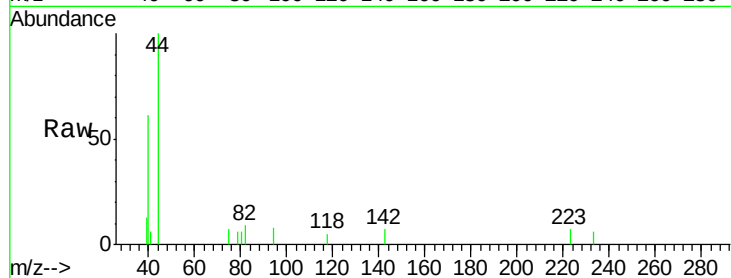
Tot Ion:142 Resp: 46

Ion Ratio Lower Upper

142 100

127 0.0 41.2 61.8#

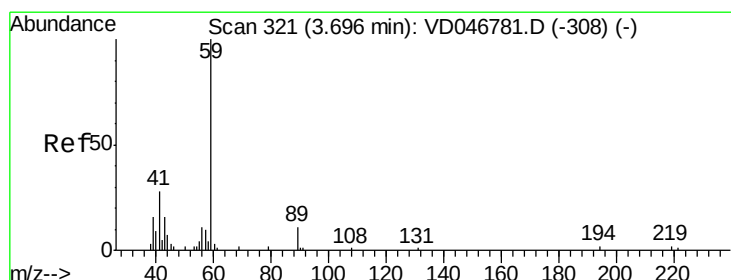
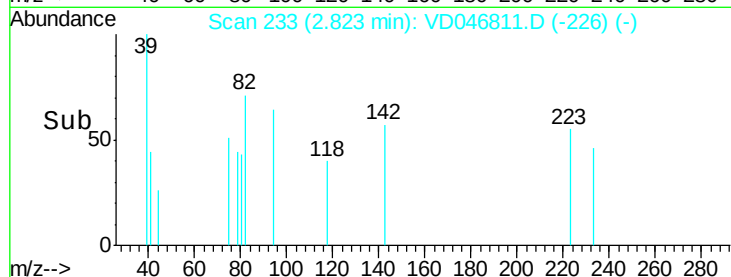
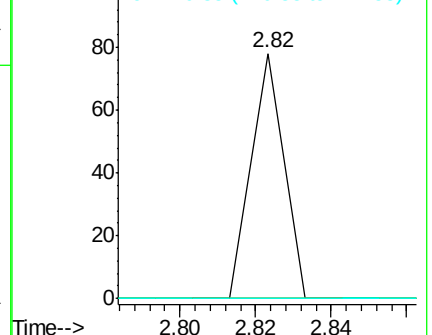
141 0.0 11.6 17.4#



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: 3.68 min Scan# 320

Delta R.T. -0.02 min

Lab File: VD046811.D

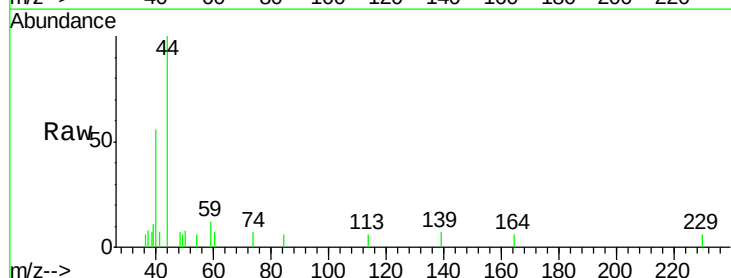
Acq: 21 Sep 2015 17:04

Tgt Ion: 59 Resp: 233

Ion Ratio Lower Upper

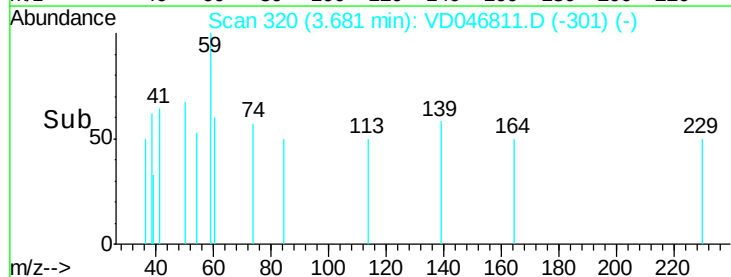
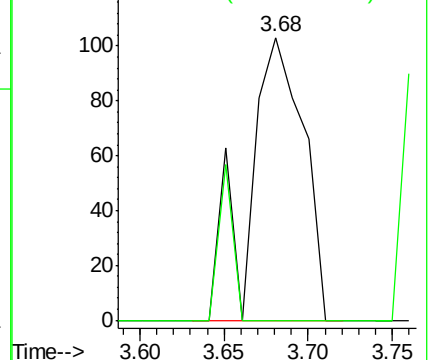
59 100

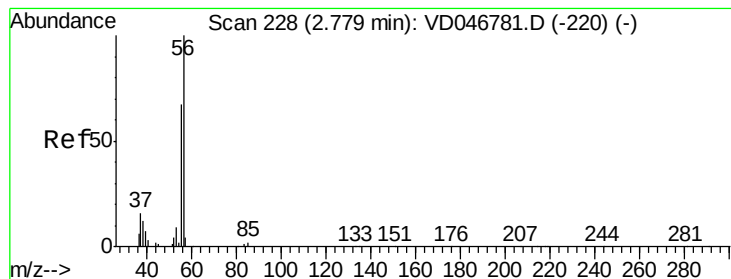
57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): V

Ion 56.95 (56.65 to 57.65): V





#14

Acrolein

Concen: 1.02 ug/l

RT: 2.76 min Scan# 227

Delta R.T. -0.02 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

Instrument :

MSVOA_D

ClientSampleId :

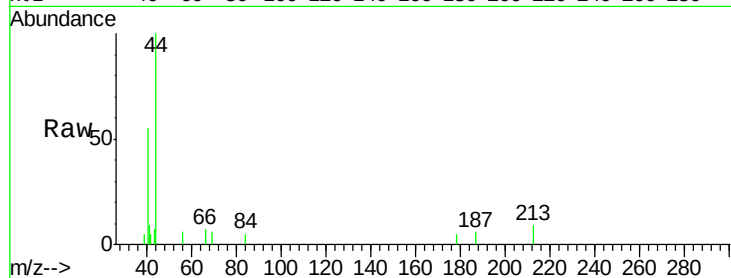
MGP202-30-32

Tot Ion: 56 Resp: 70

Ion Ratio Lower Upper

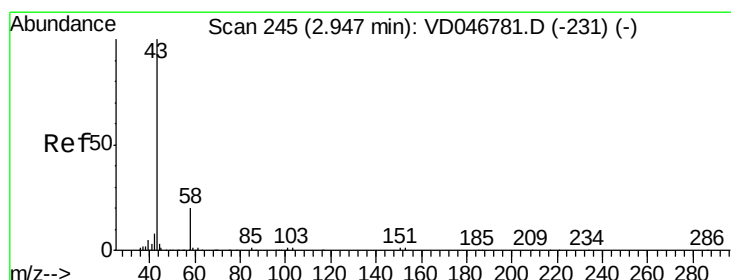
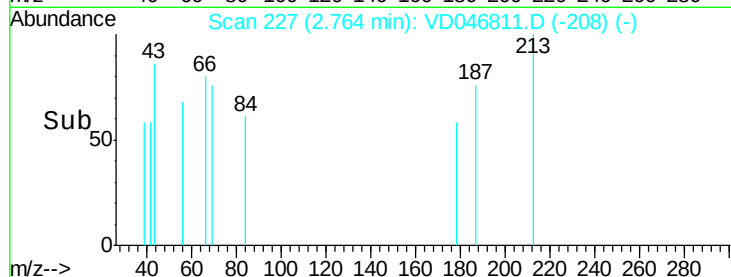
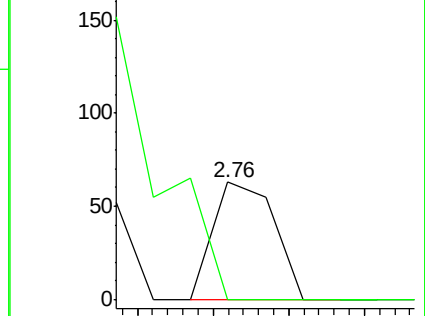
56 100

55 100.0 62.6 93.8#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#17

Acetone

Concen: 72.23 ug/l

RT: 2.93 min Scan# 244

Delta R.T. -0.02 min

Lab File: VD046811.D

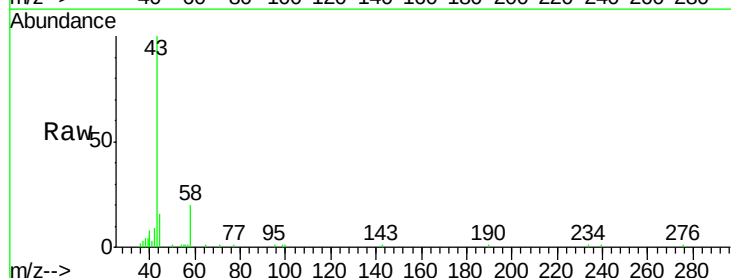
Acq: 21 Sep 2015 17:04

Tgt Ion: 43 Resp: 16403

Ion Ratio Lower Upper

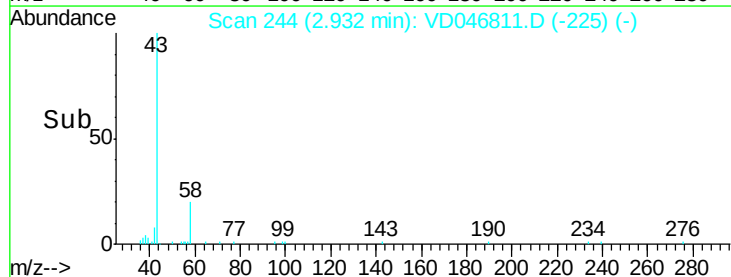
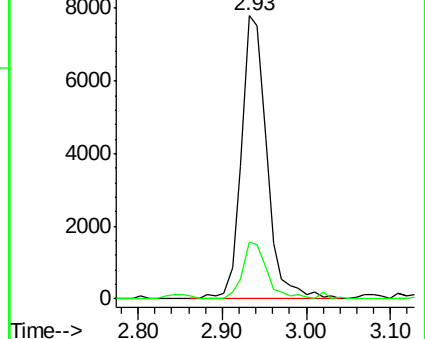
43 100

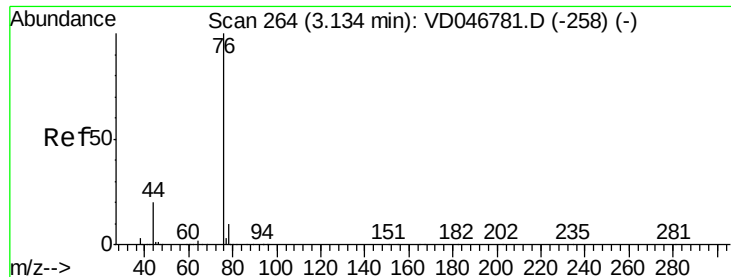
58 20.1 16.6 24.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#18

Carbon Disulfide

Concen: 11.57 ug/l

RT: 3.12 min Scan# 263

Delta R.T. -0.02 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

Instrument :

MSVOA_D

ClientSampleId :

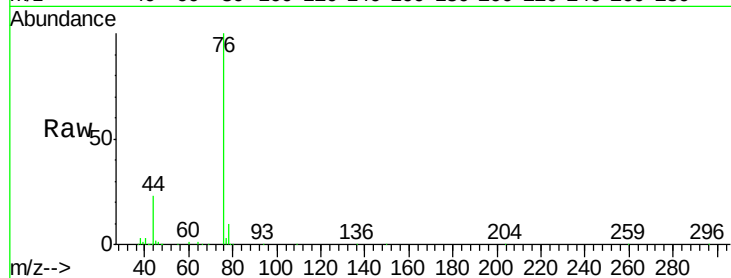
MGP202-30-32

Tot Ion: 76 Resp: 44894

Ion Ratio Lower Upper

76 100

78 10.0 8.0 12.0



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.12

25000

20000

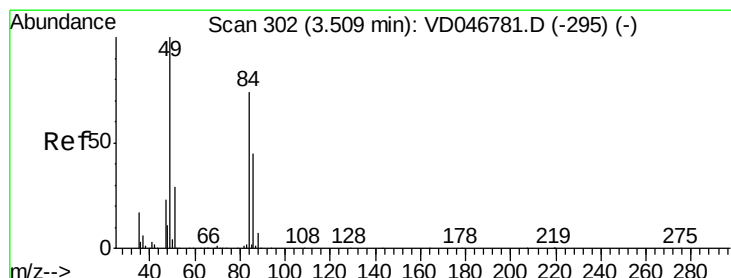
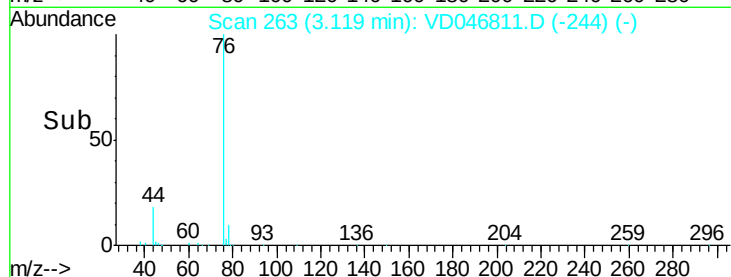
15000

10000

5000

0

Time-->



#21

Methylene Chloride

Concen: 2.28 ug/l

RT: 3.49 min Scan# 301

Delta R.T. -0.02 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

Tgt Ion: 84 Resp: 2810

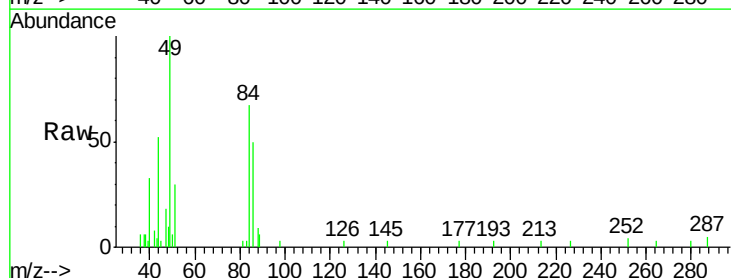
Ion Ratio Lower Upper

84 100

49 149.6 122.1 183.1

51 45.6 33.6 50.4

86 75.5 48.3 72.5#



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

2500

2000

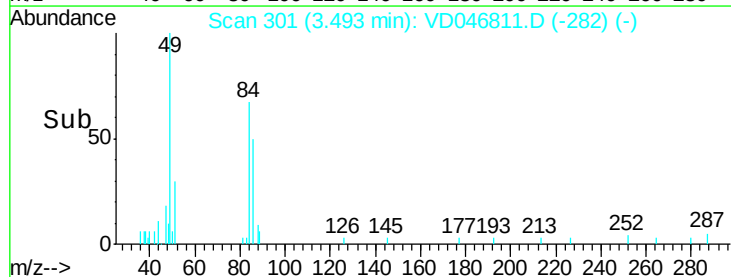
1500

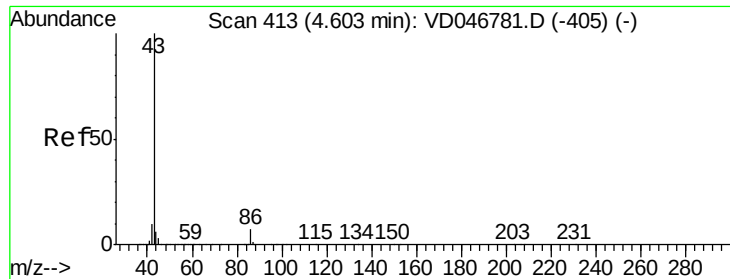
1000

500

0

Time-->





#24

Vinyl Acetate

Concen: 15.20 ug/l

RT: 4.63 min Scan# 416

Delta R.T. 0.02 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

Instrument :

MSVOA_D

ClientSampleId :

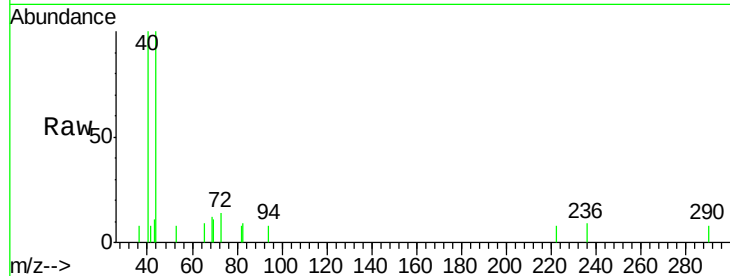
MGP202-30-32

Tot Ion: 43 Resp: 179

Ion Ratio Lower Upper

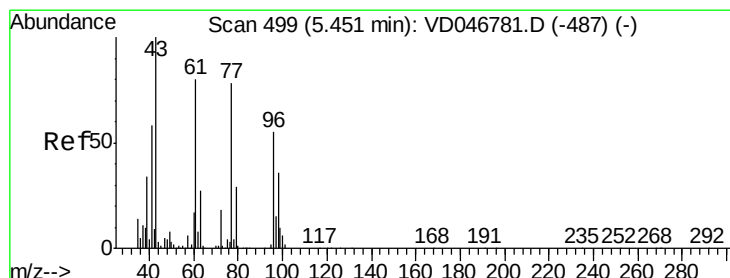
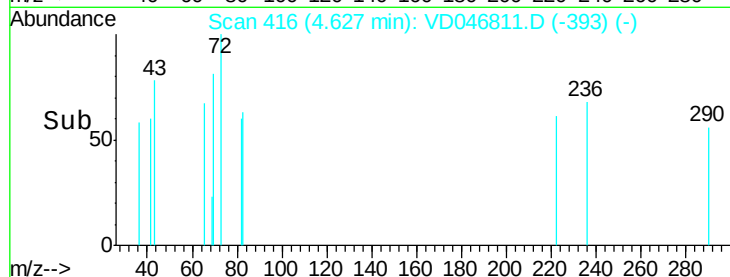
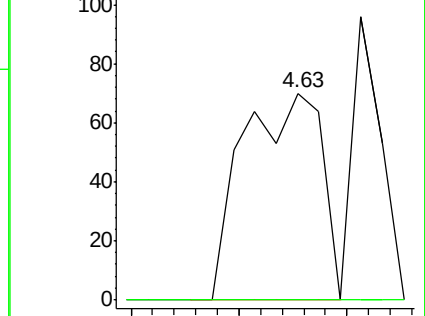
43 100

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: 13.38 ug/l

RT: 5.45 min Scan# 499

Delta R.T. -0.01 min

Lab File: VD046811.D

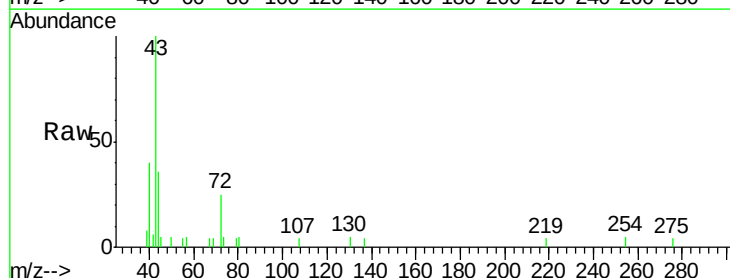
Acq: 21 Sep 2015 17:04

Tgt Ion: 43 Resp: 3416

Ion Ratio Lower Upper

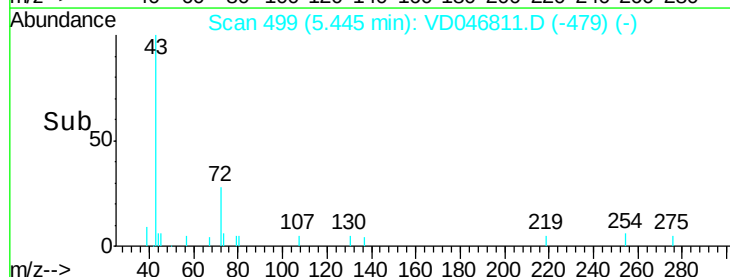
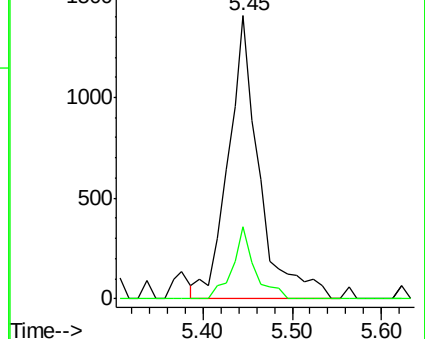
43 100

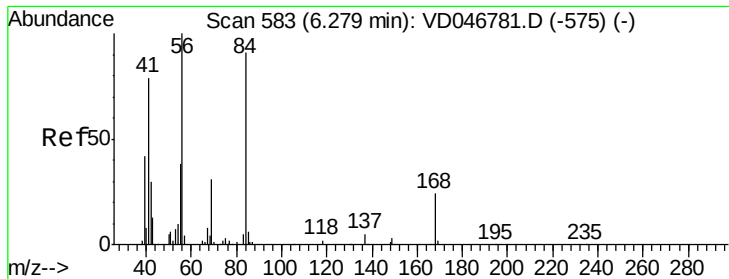
72 25.3 13.4 20.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: 1.89 ug/l

RT: 6.29 min Scan# 585

Delta R.T. 0.01 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

Instrument :

MSVOA_D

ClientSampleId :

MGP202-30-32

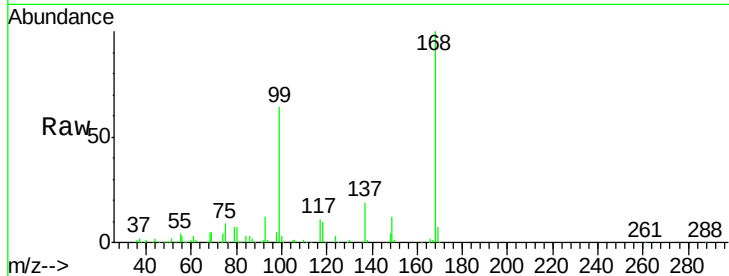
Tot Ion: 56 Resp: 3814

Ion Ratio Lower Upper

56 100

69 179.2 23.4 35.0#

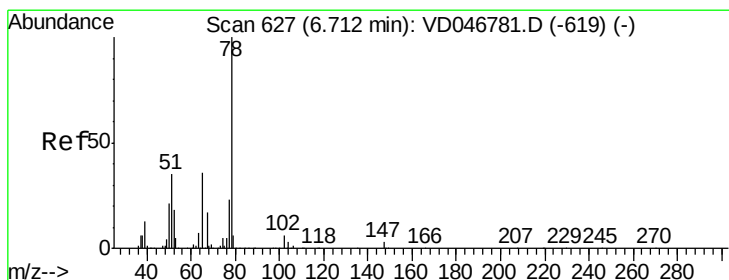
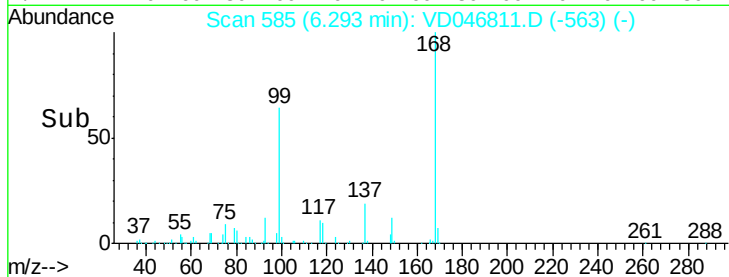
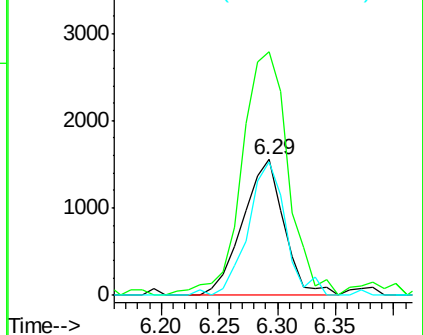
84 98.1 63.8 95.8#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.70 min Scan# 626

Delta R.T. -0.02 min

Lab File: VD046811.D

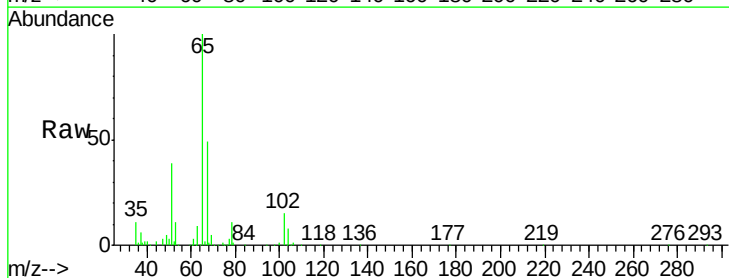
Acq: 21 Sep 2015 17:04

Tgt Ion: 65 Resp: 84980

Ion Ratio Lower Upper

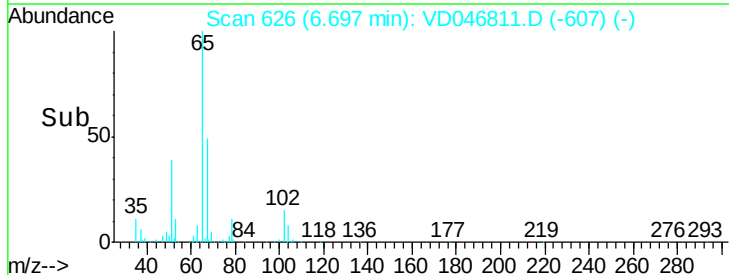
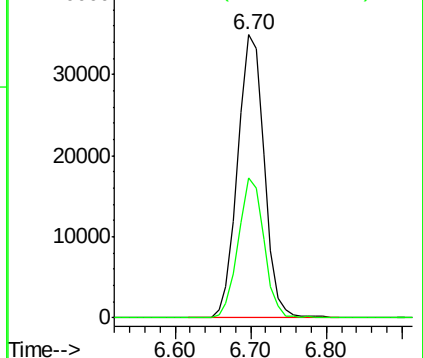
65 100

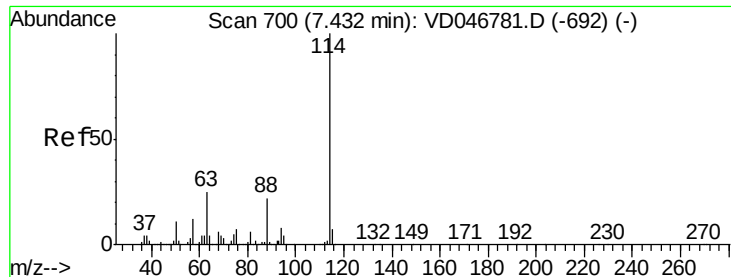
67 49.5 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

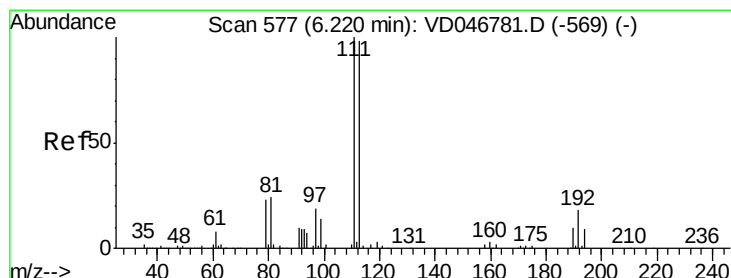
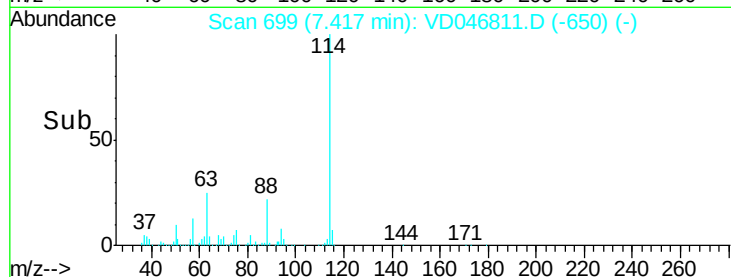
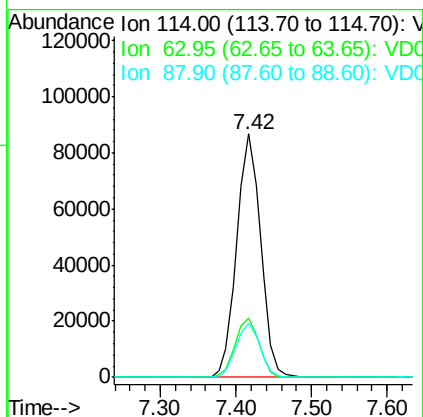
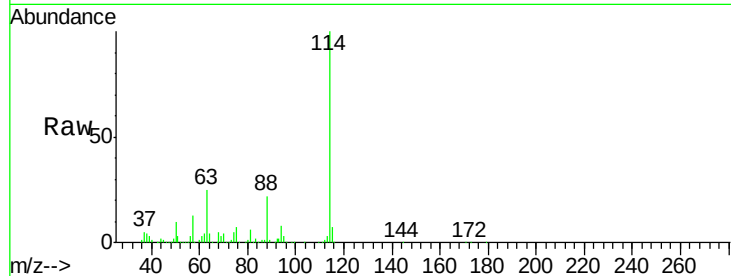




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.42 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: VD046811.D
 Acq: 21 Sep 2015 17:04

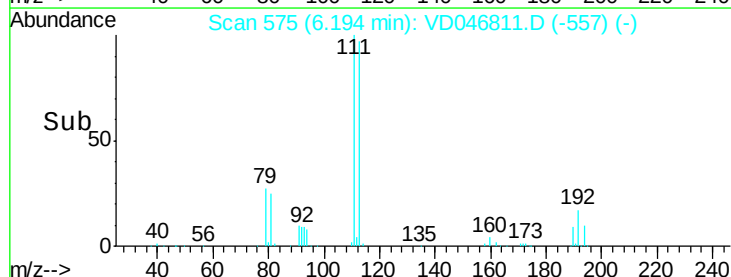
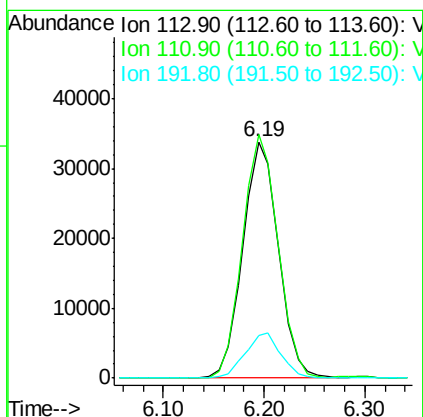
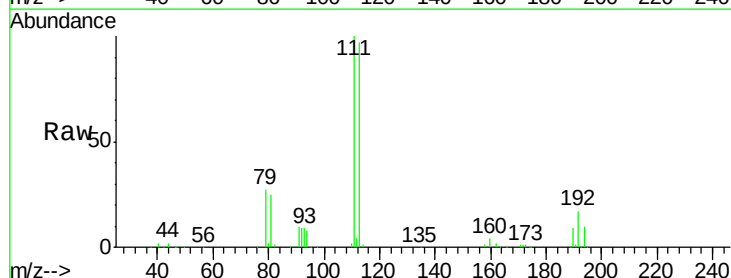
Instrument :
 MSVOA_D
 ClientSampleId :
 MGP202-30-32

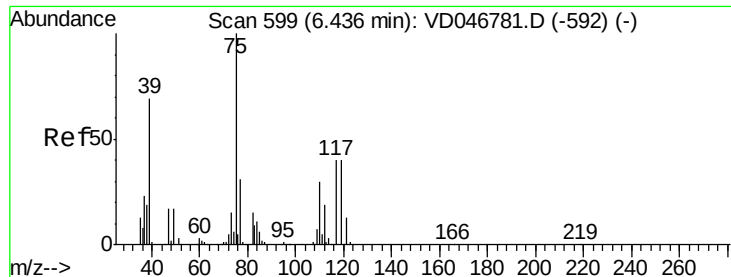
Tot Ion:	114	Resp:	190246
Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	49.8
88	22.0	0.0	43.6



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.19 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: VD046811.D
 Acq: 21 Sep 2015 17:04

Tgt Ion:	113	Resp:	83370
Ion	Ratio	Lower	Upper
113	100		
111	103.0	79.4	119.0
192	17.9	14.6	22.0





#36

1,1-Dichloropropene

Concen: 5.39 ug/l

RT: 6.28 min Scan# 584

Delta R.T. -0.15 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

Instrument :

MSVOA_D

ClientSampleId :

MGP202-30-32

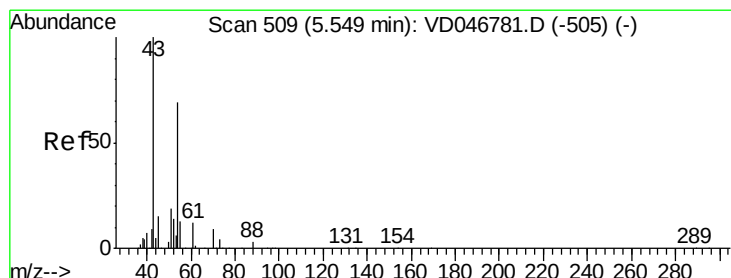
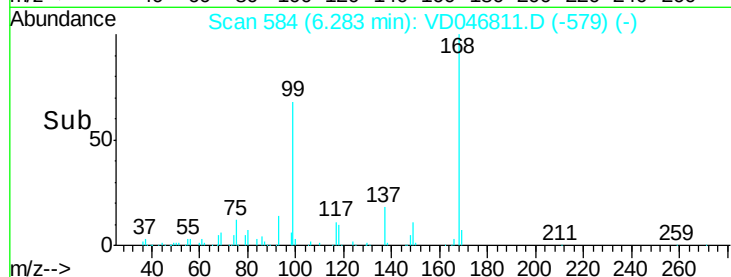
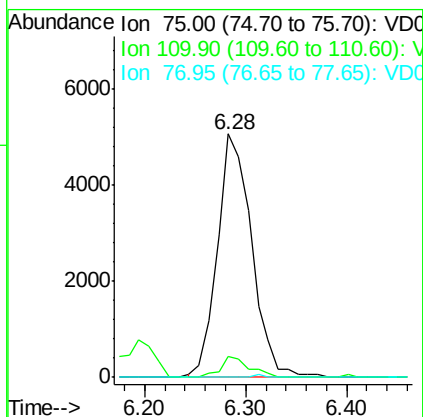
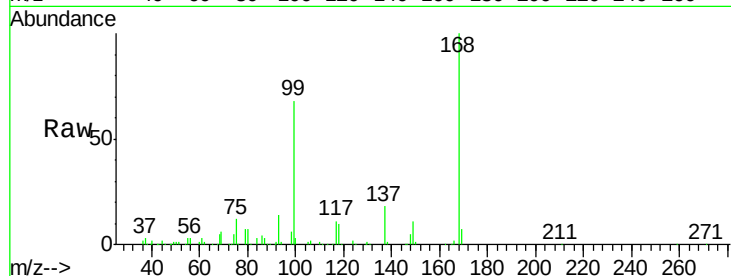
Tot Ion: 75 Resp: 11988

Ion Ratio Lower Upper

75 100

110 8.4 13.7 41.0#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 4.78 ug/l

RT: 5.45 min Scan# 499

Delta R.T. -0.10 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

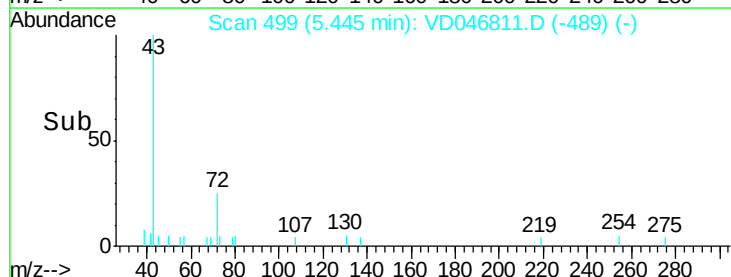
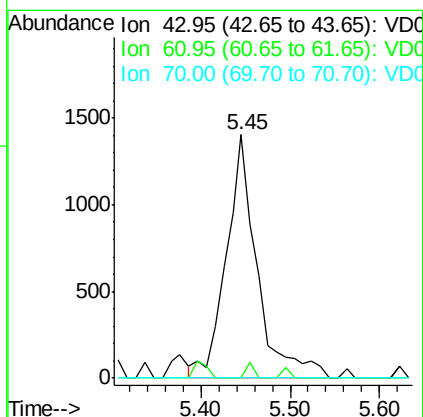
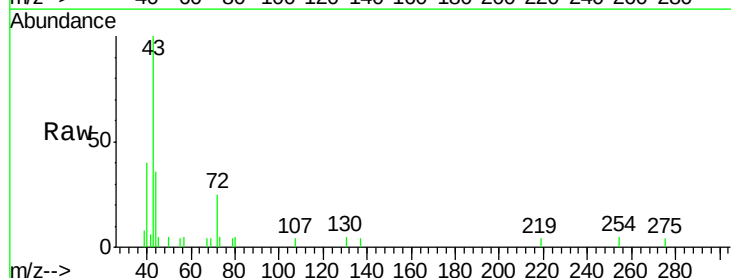
Tgt Ion: 43 Resp: 3416

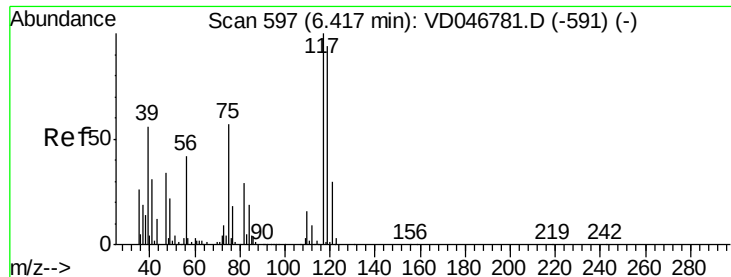
Ion Ratio Lower Upper

43 100

61 0.0 9.4 14.2#

70 0.0 6.0 9.0#

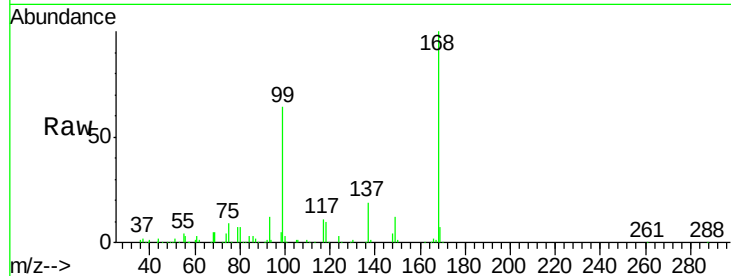




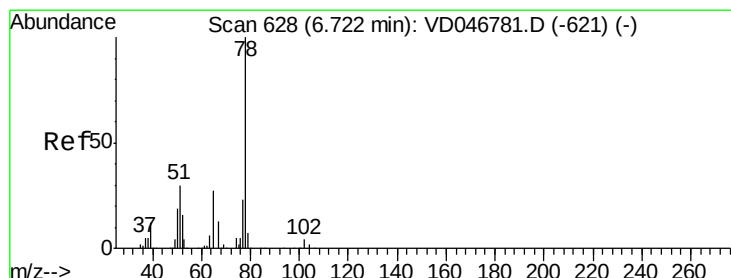
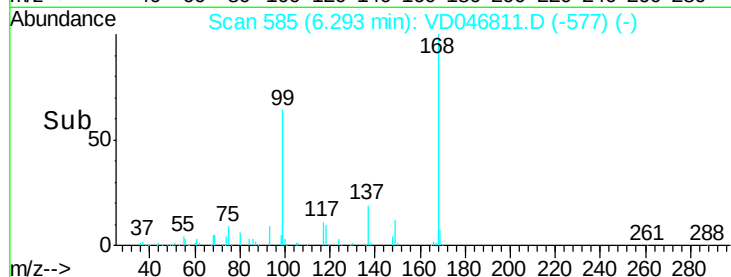
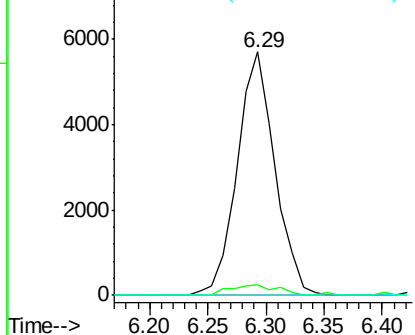
#38
Carbon Tetrachloride
Concen: 5.52 ug/l
RT: 6.29 min Scan# 585
Delta R.T. -0.12 min
Lab File: VD046811.D
Acq: 21 Sep 2015 17:04

Instrument :
MSVOA_D
ClientSampleId :
MGP202-30-32

Tot Ion:117 Resp: 12758
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.4#
121 0.0 24.5 36.7#

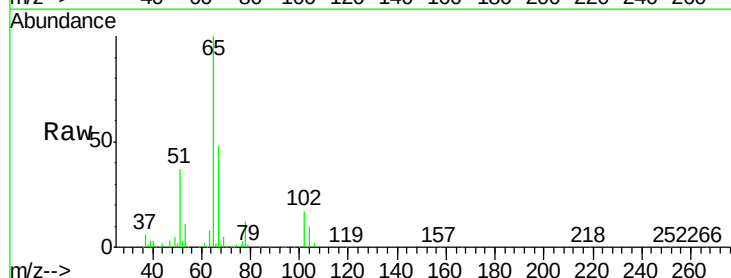


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

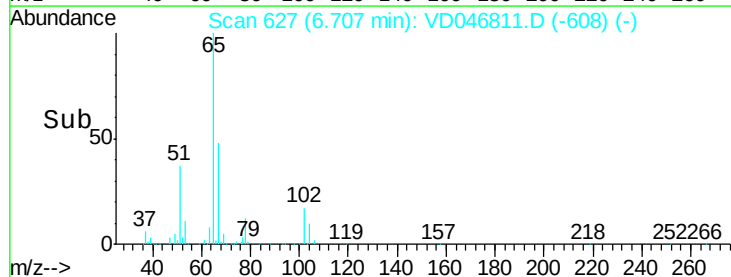
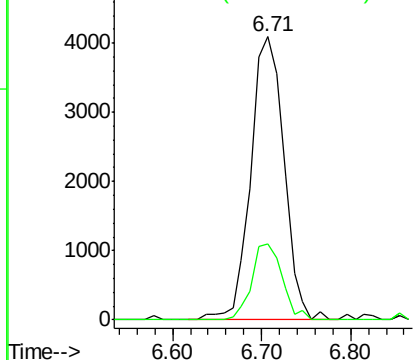


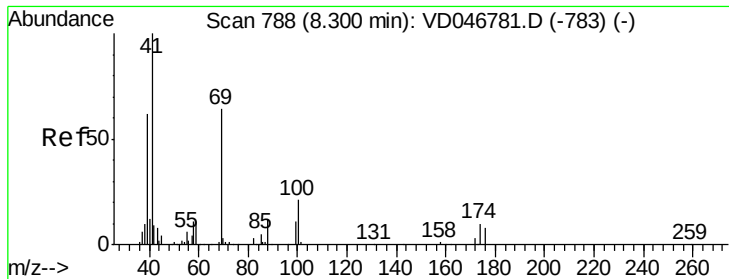
#40
Benzene
Concen: 1.85 ug/l
RT: 6.71 min Scan# 627
Delta R.T. -0.02 min
Lab File: VD046811.D
Acq: 21 Sep 2015 17:04

Tgt Ion: 78 Resp: 10503
Ion Ratio Lower Upper
78 100
77 26.7 19.9 29.9



Abundance Ion 77.95 (77.65 to 78.65): V
Ion 76.95 (76.65 to 77.65): V





#49

1,4-Dioxane

Concen: 7.89 ug/l

RT: 8.29 min Scan# 788

Delta R.T. -0.01 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

Instrument :

MSVOA_D

ClientSampleId :

MGP202-30-32

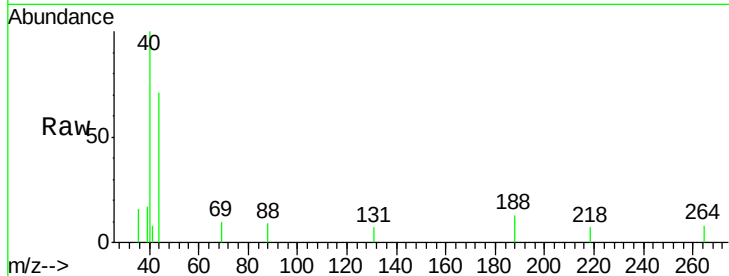
Tot Ion: 88 Resp: 42

Ion Ratio Lower Upper

88 100

43 0.0 50.0 75.0#

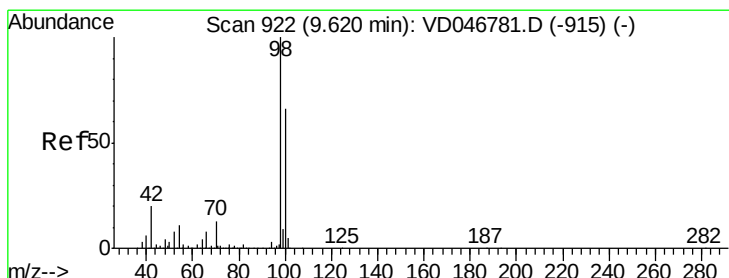
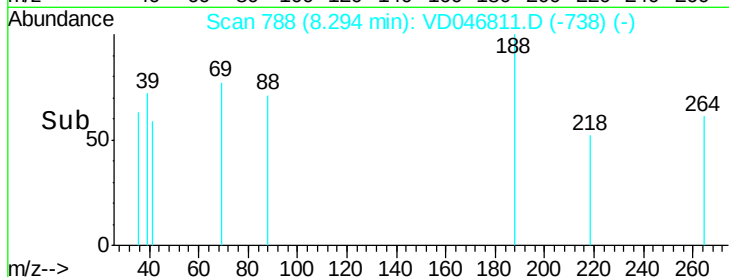
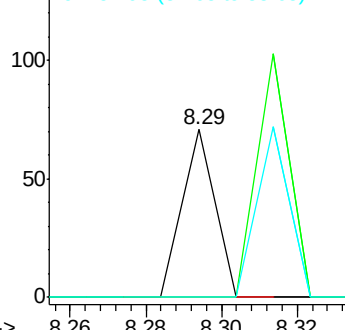
58 0.0 48.3 72.5#



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 7.89 ug/l

RT: 9.60 min Scan# 921

Delta R.T. -0.02 min

Lab File: VD046811.D

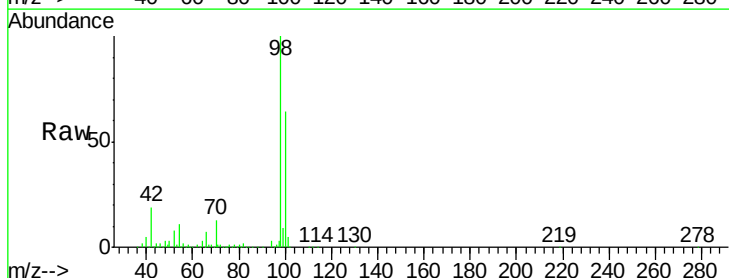
Acq: 21 Sep 2015 17:04

Tgt Ion: 98 Resp: 219291

Ion Ratio Lower Upper

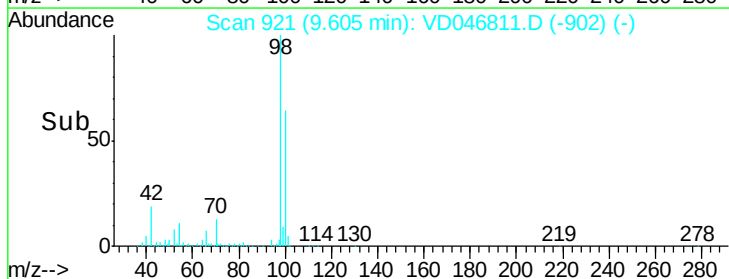
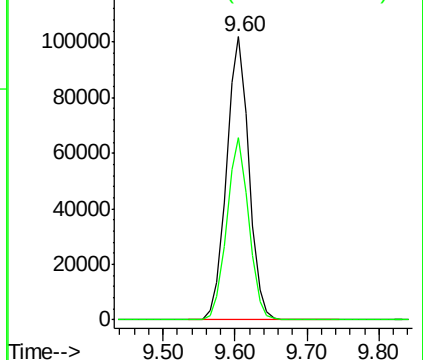
98 100

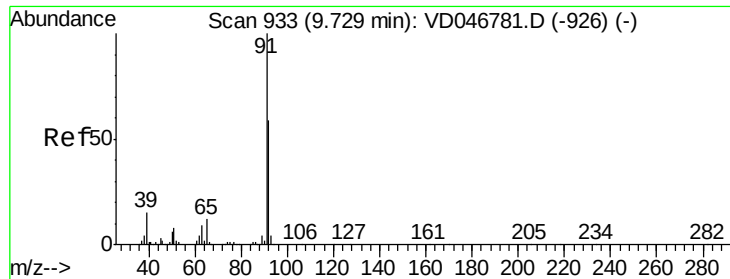
100 64.4 49.9 74.9



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 8.81 ug/l

RT: 9.70 min Scan# 931

Delta R.T. -0.03 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

Instrument :

MSVOA_D

ClientSampleId :

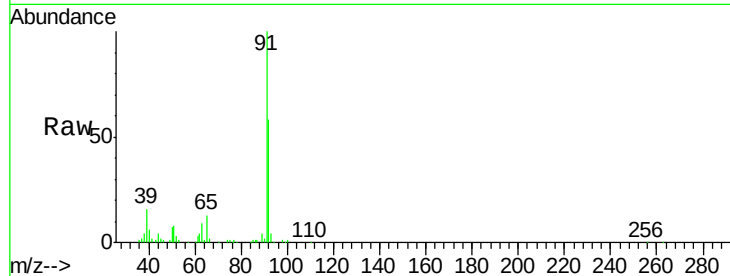
MGP202-30-32

Tot Ion: 92 Resp: 30835

Ion Ratio Lower Upper

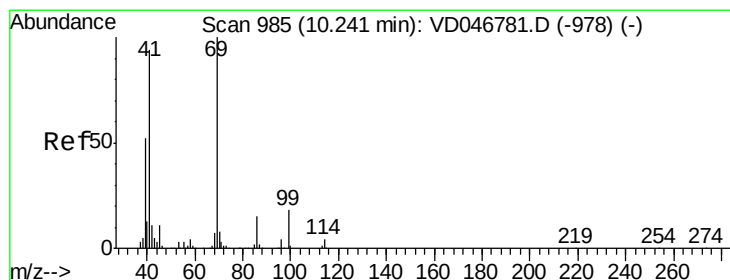
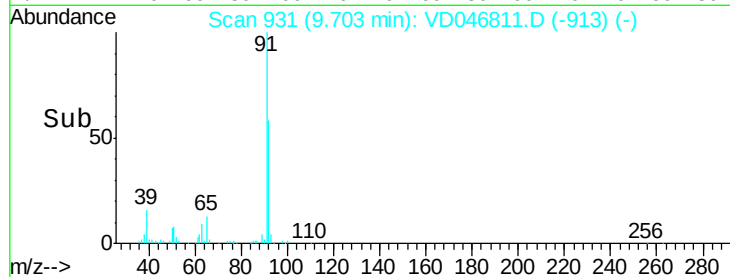
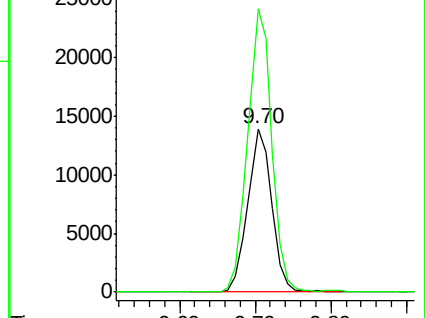
92 100

91 173.0 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#56

Ethyl methacrylate

Concen: 4.07 ug/l

RT: 10.21 min Scan# 982

Delta R.T. -0.03 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

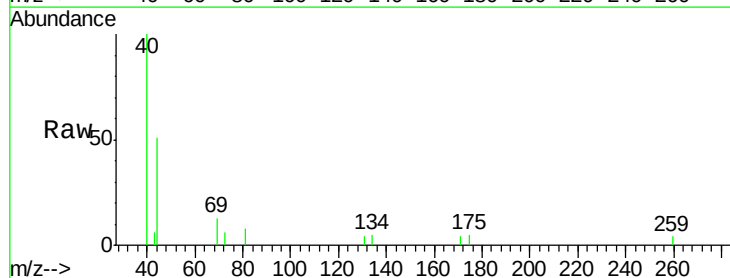
Tgt Ion: 69 Resp: 205

Ion Ratio Lower Upper

69 100

41 0.0 75.4 113.0#

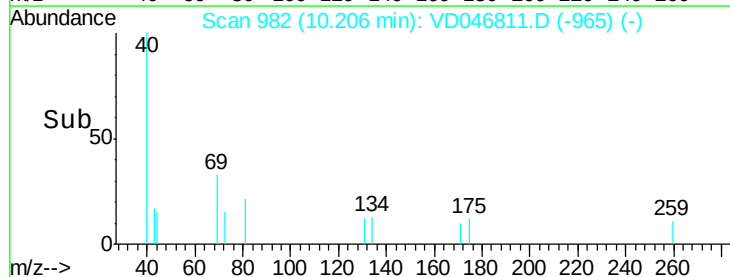
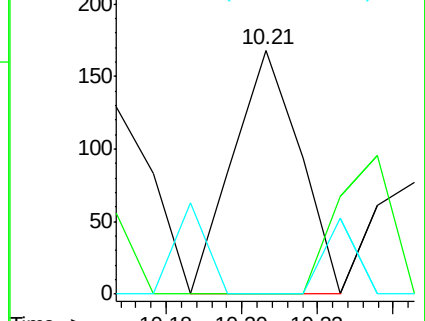
39 0.0 41.0 61.4#

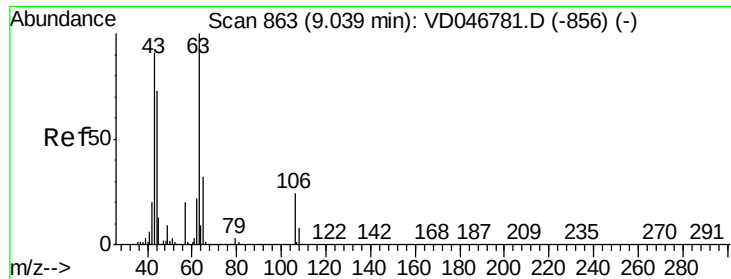


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

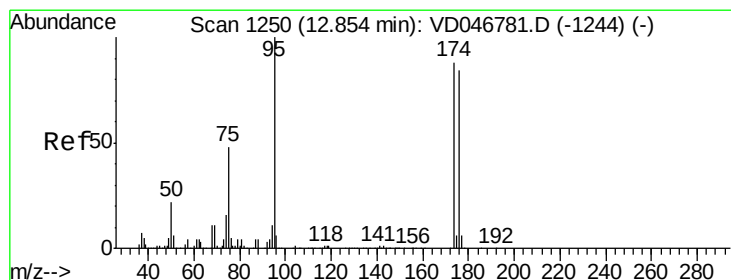
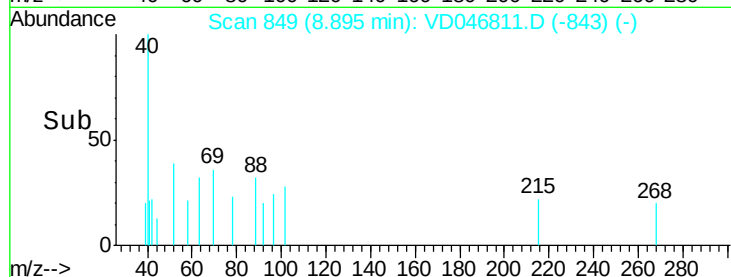
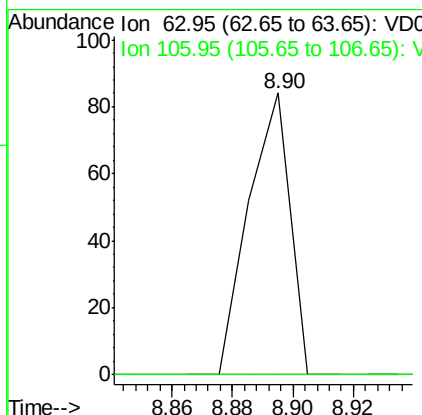
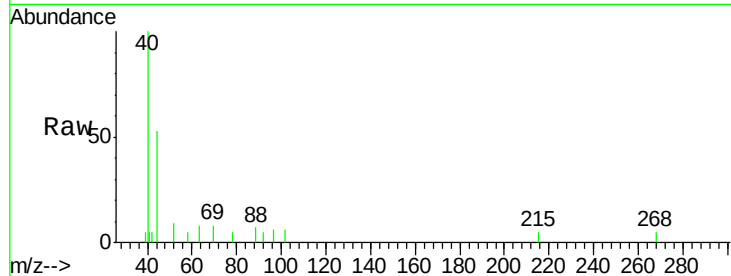




#58
 2-Chloroethyl Vinyl ether
 Concen: 6.50 ug/l
 RT: 8.90 min Scan# 849
 Delta R.T. -0.14 min
 Lab File: VD046811.D
 Acq: 21 Sep 2015 17:04

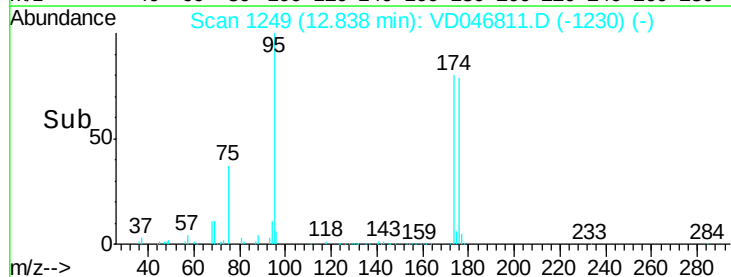
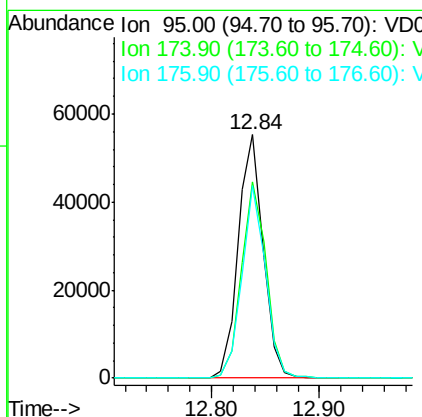
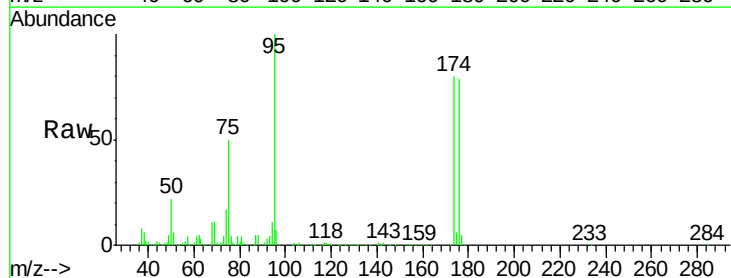
Instrument :
 MSVOA_D
 ClientSampleId :
 MGP202-30-32

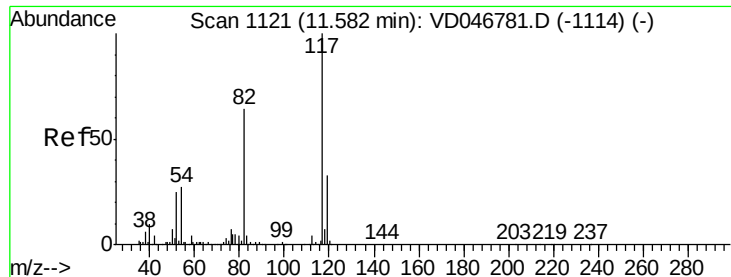
Tot Ion: 63 Resp: 80
 Ion Ratio Lower Upper
 63 100
 106 0.0 17.8 26.8#



#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 12.84 min Scan# 1249
 Delta R.T. -0.02 min
 Lab File: VD046811.D
 Acq: 21 Sep 2015 17:04

Tgt Ion: 95 Resp: 88362
 Ion Ratio Lower Upper
 95 100
 174 80.4 0.0 149.8
 176 79.2 0.0 143.4

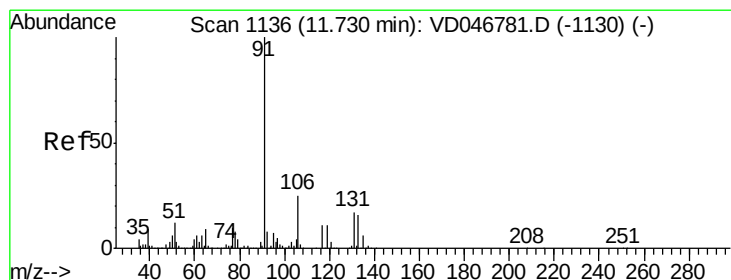
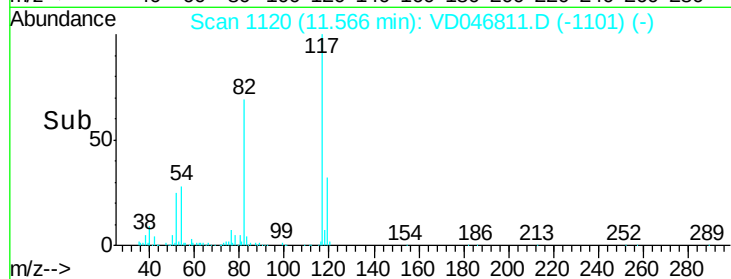
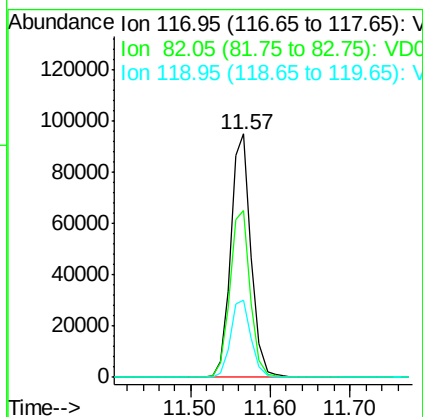
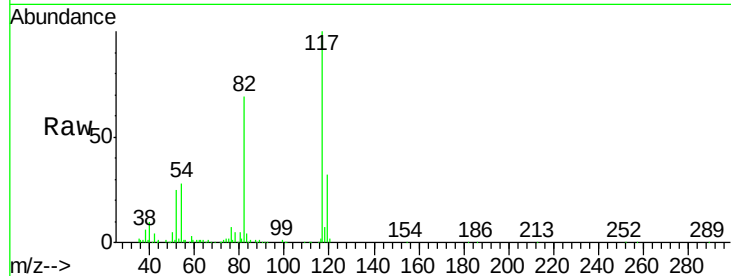




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.57 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VD046811.D
Acq: 21 Sep 2015 17:04

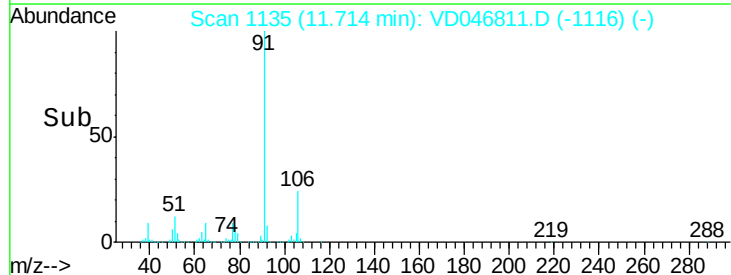
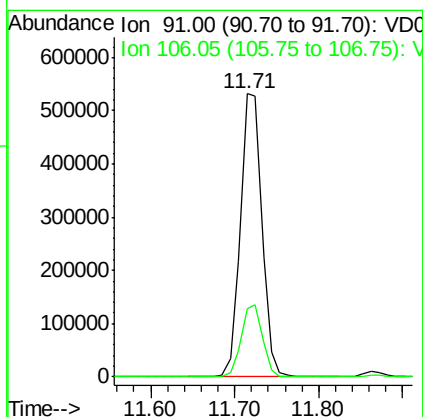
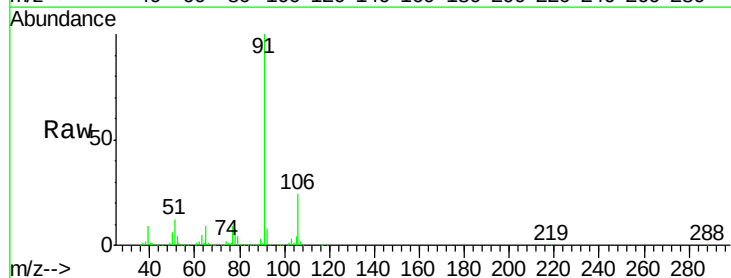
Instrument :
MSVOA_D
ClientSampleId :
MGP202-30-32

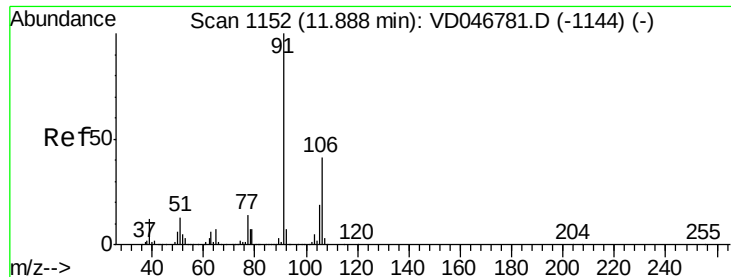
Tot Ion:117 Resp: 169801
Ion Ratio Lower Upper
117 100
82 68.5 50.6 75.8
119 31.8 25.8 38.8



#67
Ethyl Benzene
Concen: 132.04 ug/l
RT: 11.71 min Scan# 1135
Delta R.T. -0.02 min
Lab File: VD046811.D
Acq: 21 Sep 2015 17:04

Tgt Ion: 91 Resp: 948107
Ion Ratio Lower Upper
91 100
106 24.2 20.2 30.2

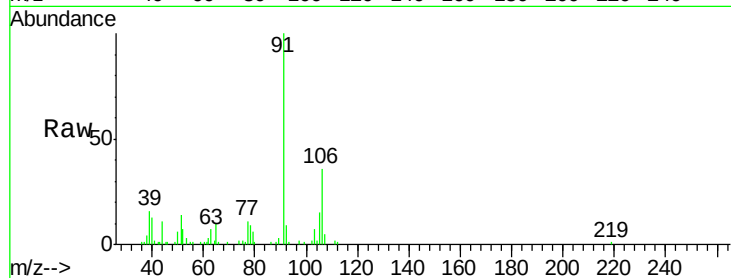




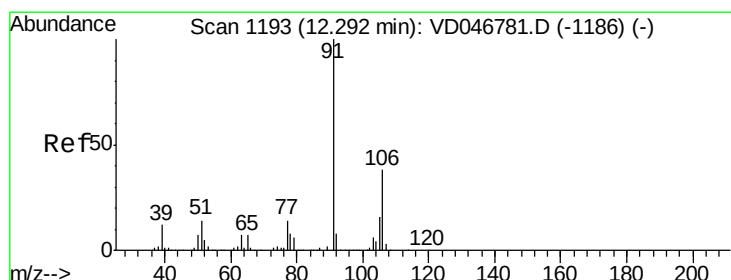
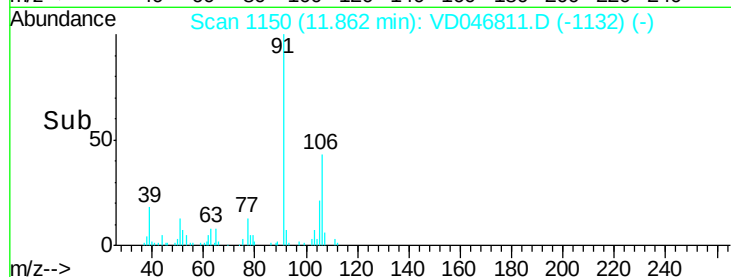
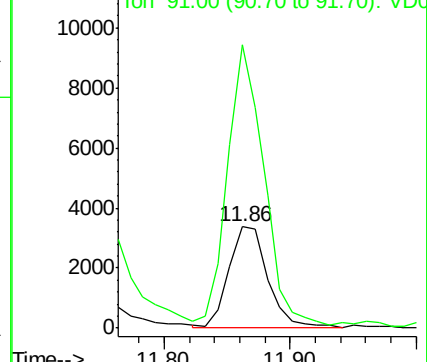
#68
m/p-Xylenes
Concen: 3.20 ug/l
RT: 11.86 min Scan# 1150
Delta R.T. -0.03 min
Lab File: VD046811.D
Acq: 21 Sep 2015 17:04

Instrument :
MSVOA_D
ClientSampleId :
MGP202-30-32

Tot Ion:106 Resp: 7248
Ion Ratio Lower Upper
106 100
91 279.7 187.9 281.9

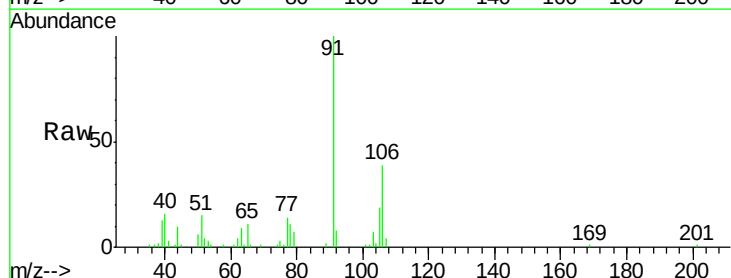


Abundance Ion 106.05 (105.75 to 106.75): V

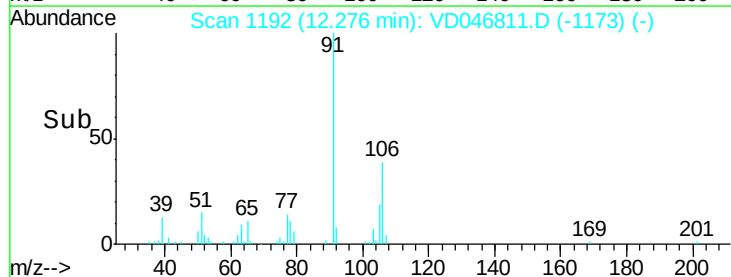
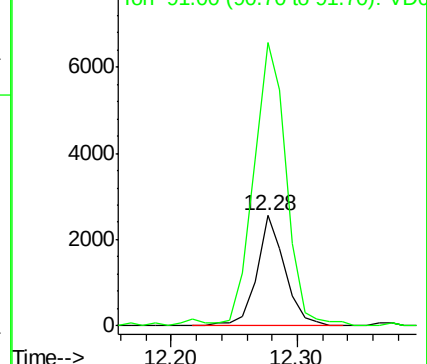


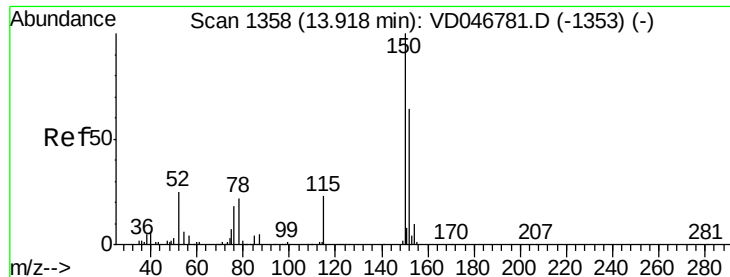
#69
o-Xylene
Concen: 1.95 ug/l
RT: 12.28 min Scan# 1192
Delta R.T. -0.02 min
Lab File: VD046811.D
Acq: 21 Sep 2015 17:04

Tgt Ion:106 Resp: 3973
Ion Ratio Lower Upper
106 100
91 257.0 124.8 374.5



Abundance Ion 106.05 (105.75 to 106.75): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.90 min Scan# 1357

Delta R.T. -0.02 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

Instrument :

MSVOA_D

ClientSampleId :

MGP202-30-32

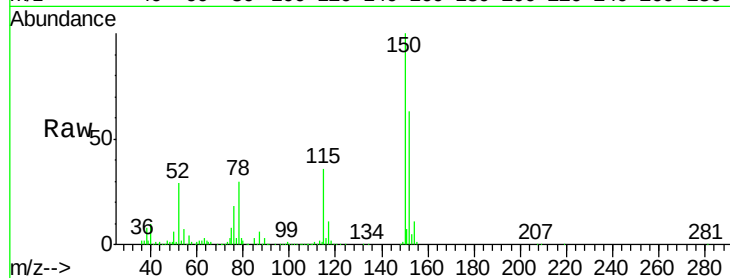
Tot Ion:152 Resp: 79649

Ion Ratio Lower Upper

152 100

115 56.3 26.2 78.6

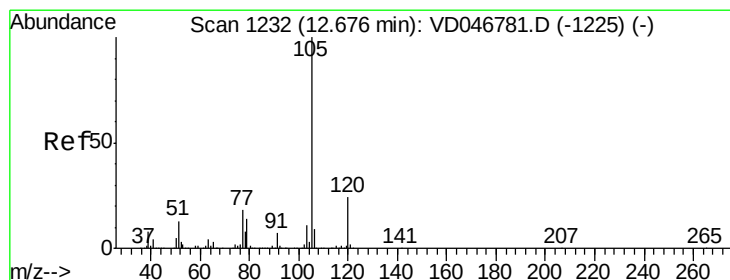
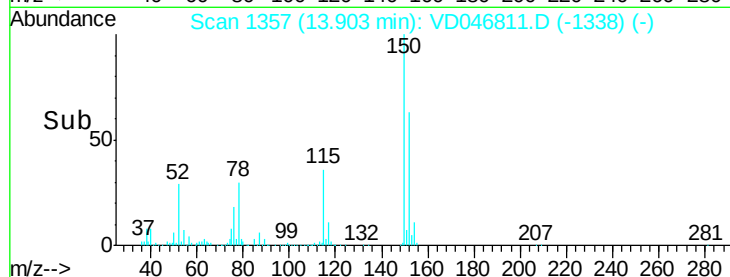
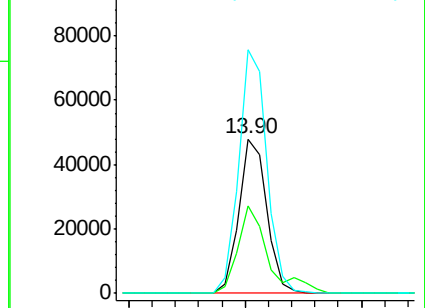
150 157.7 0.0 311.8



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: 184.23 ug/l

RT: 12.66 min Scan# 1231

Delta R.T. -0.02 min

Lab File: VD046811.D

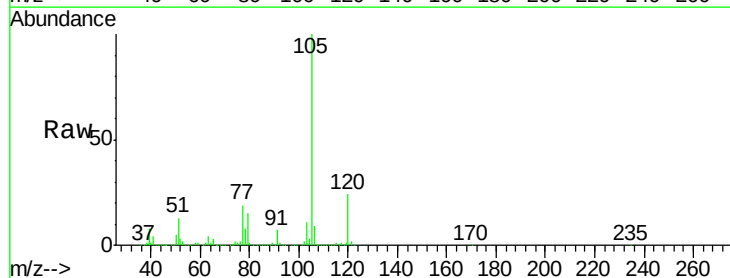
Acq: 21 Sep 2015 17:04

Tgt Ion:105 Resp: 1034416

Ion Ratio Lower Upper

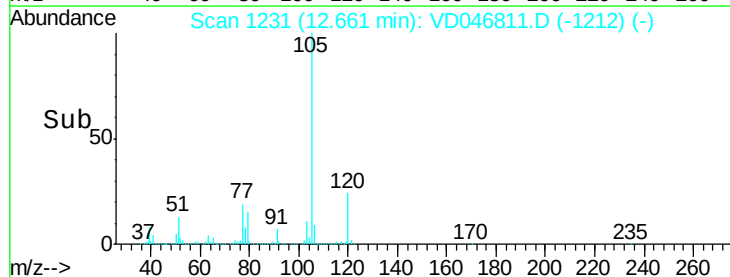
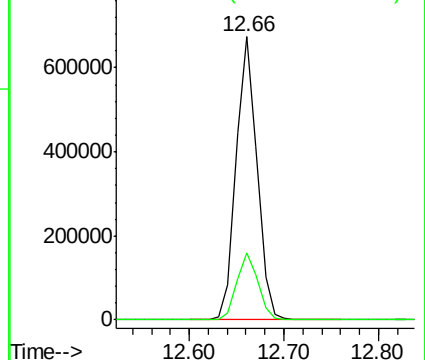
105 100

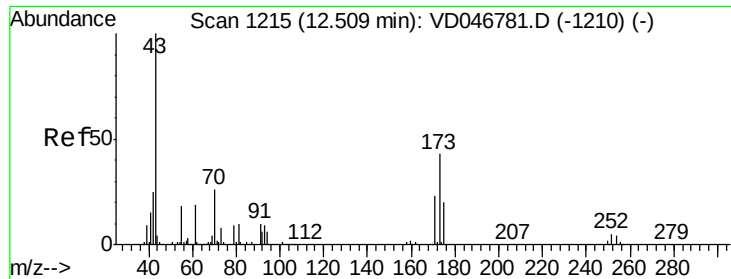
120 23.9 12.4 37.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#74

N-amvl acetate

Concen: 4.84 ug/l

RT: 12.53 min Scan# 1218

Delta R.T. 0.02 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

Instrument :

MSVOA_D

ClientSampleId :

MGP202-30-32

Tot Ion: 43 Resp: 202

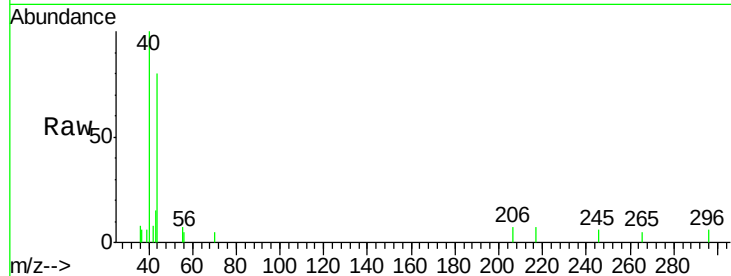
Ion Ratio Lower Upper

43 100

70 32.9 22.1 33.1

55 50.6 14.5 21.7#

61 0.0 14.6 21.8#

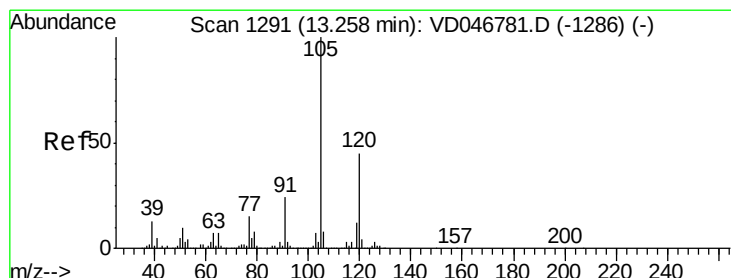
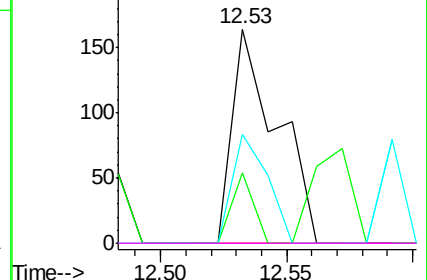
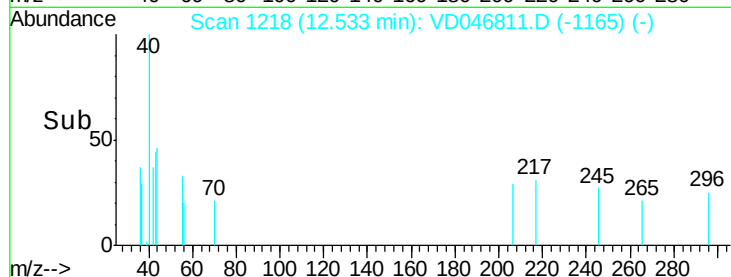


Abundance Ion 42.95 (42.65 to 43.65): VDC

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



#80

1,3,5-Trimethylbenzene

Concen: 9.62 ug/l

RT: 13.24 min Scan# 1290

Delta R.T. -0.02 min

Lab File: VD046811.D

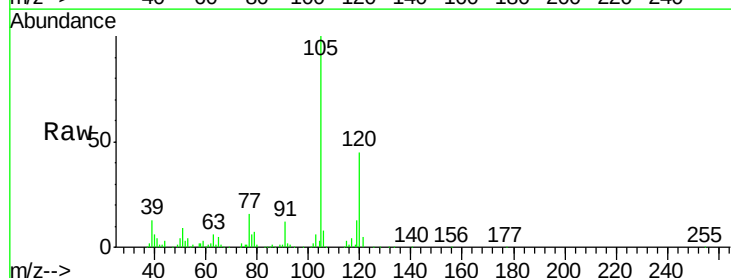
Acq: 21 Sep 2015 17:04

Tgt Ion:105 Resp: 43022

Ion Ratio Lower Upper

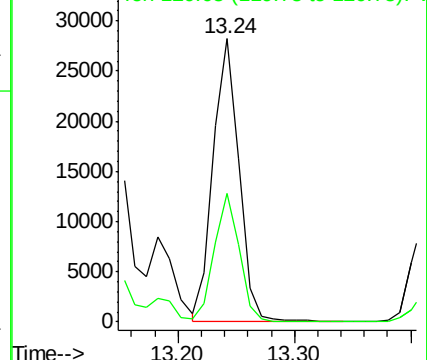
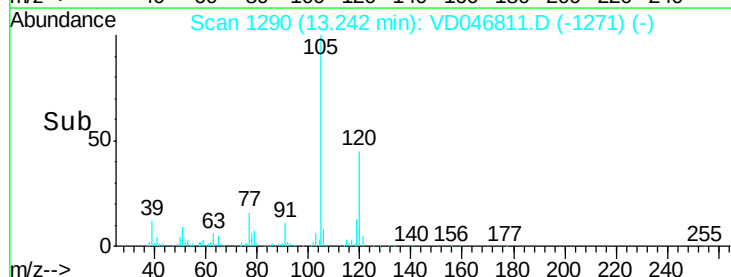
105 100

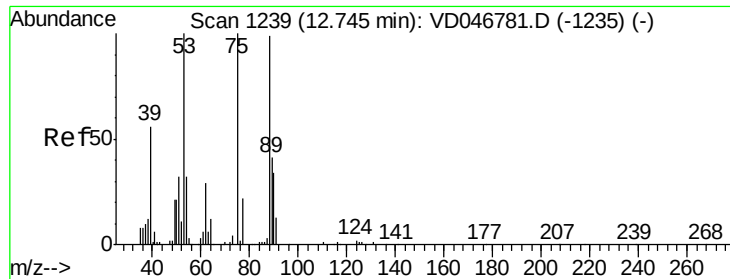
120 45.3 22.3 66.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

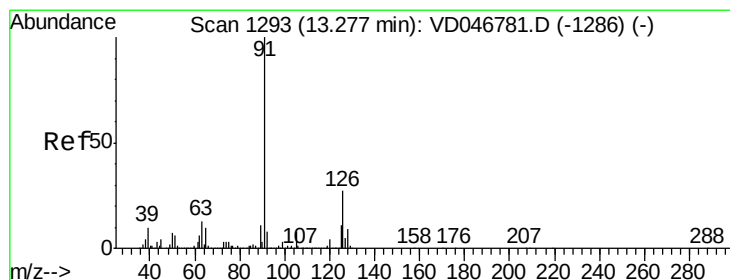
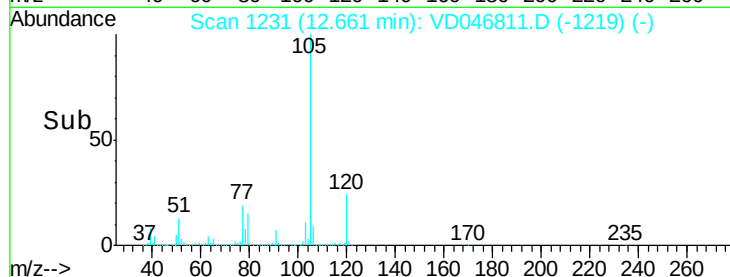
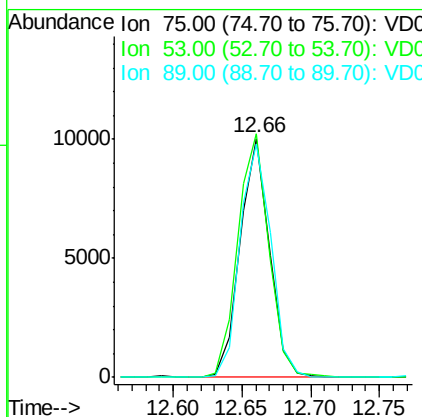
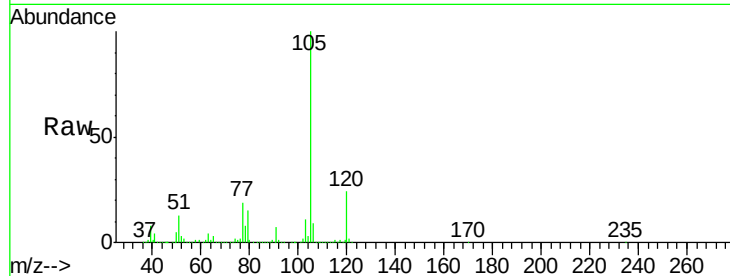




#81
trans-1,4-Dichloro-2-butene
Concen: 55.91 ug/l
RT: 12.66 min Scan# 1231
Delta R.T. -0.08 min
Lab File: VD046811.D
Acq: 21 Sep 2015 17:04

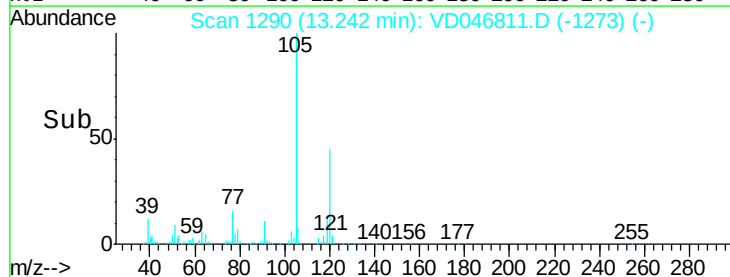
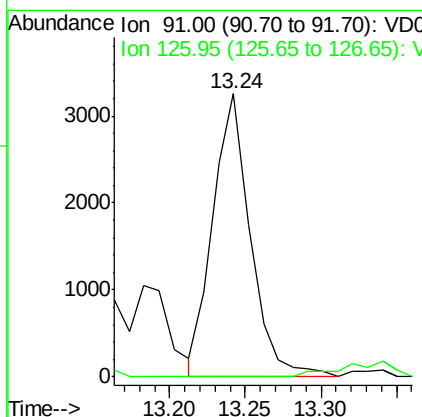
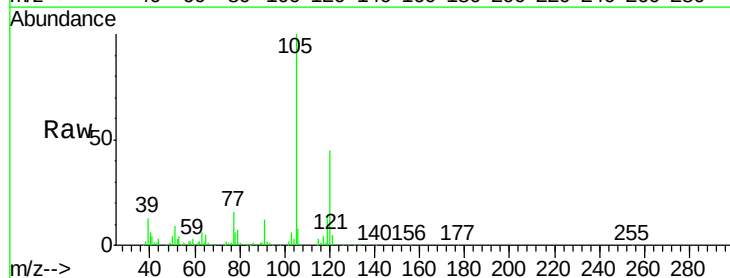
Instrument :
MSVOA_D
ClientSampleId :
MGP202-30-32

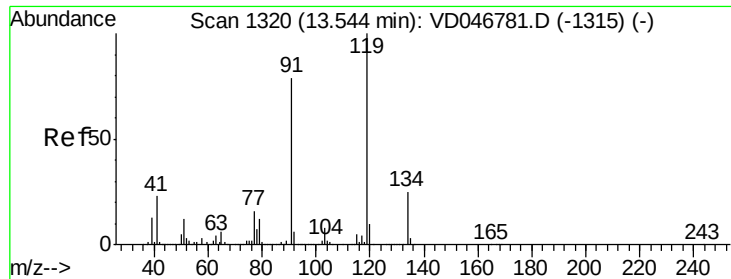
Tot Ion: 75 Resp: 15044
Ion Ratio Lower Upper
75 100
53 101.9 82.3 123.5
89 97.8 36.6 54.8#



#82
4-Chlorotoluene
Concen: 1.07 ug/l
RT: 13.24 min Scan# 1290
Delta R.T. -0.04 min
Lab File: VD046811.D
Acq: 21 Sep 2015 17:04

Tgt Ion: 91 Resp: 5624
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.4#

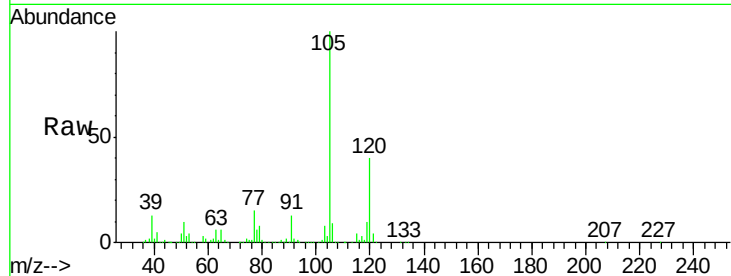




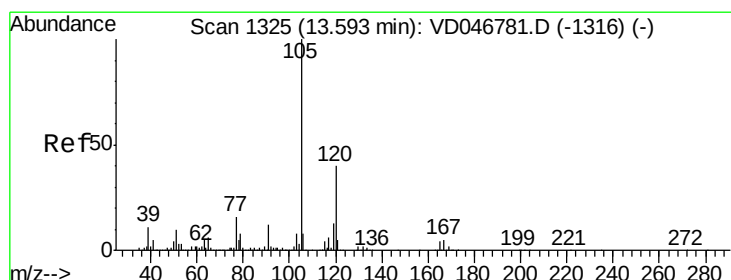
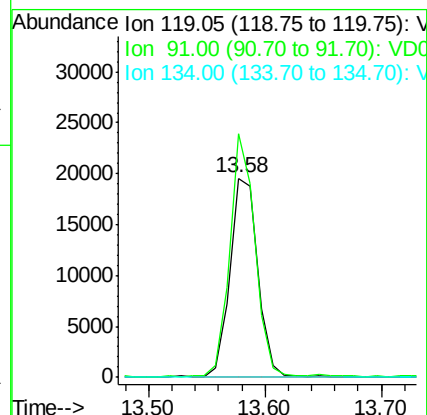
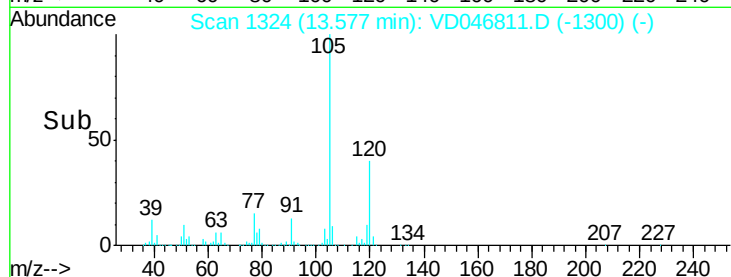
#83
 tert-Butylbenzene
 Concen: 8.02 ug/l
 RT: 13.58 min Scan# 1324
 Delta R.T. 0.03 min
 Lab File: VD046811.D
 Acq: 21 Sep 2015 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 MGP202-30-32

Tot Ion:119 Resp: 32370
 Ion Ratio Lower Upper
 119 100
 91 122.4 41.6 124.9
 134 0.3 12.4 37.4#

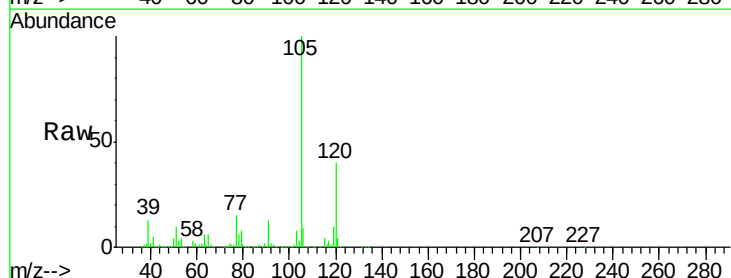


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

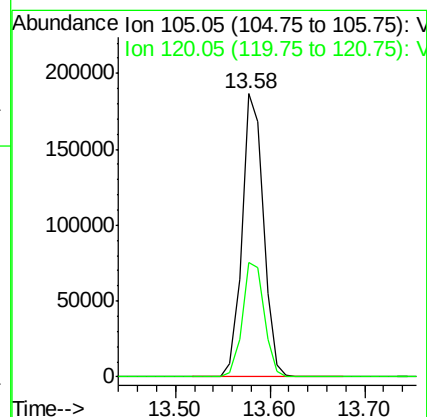
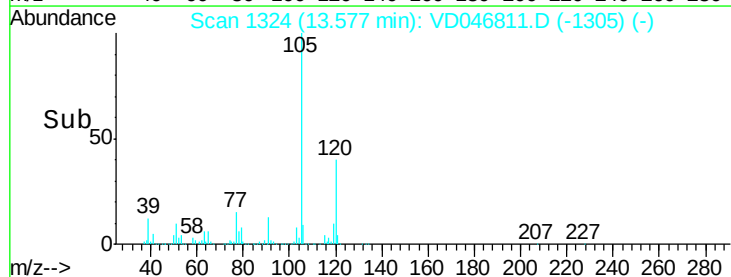


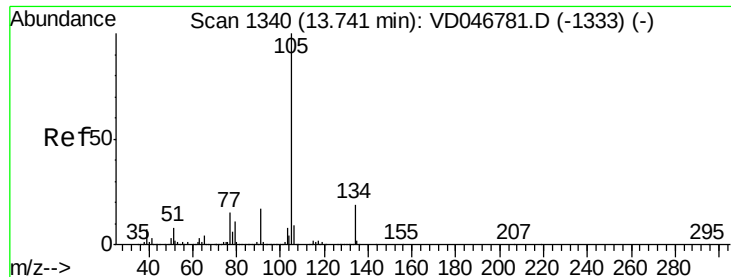
#84
 1,2,4-Trimethylbenzene
 Concen: 64.95 ug/l
 RT: 13.58 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: VD046811.D
 Acq: 21 Sep 2015 17:04

Tgt Ion:105 Resp: 292514
 Ion Ratio Lower Upper
 105 100
 120 40.3 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: 48.20 ug/l

RT: 13.58 min Scan# 1324

Delta R.T. -0.16 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

Instrument :

MSVOA_D

ClientSampleId :

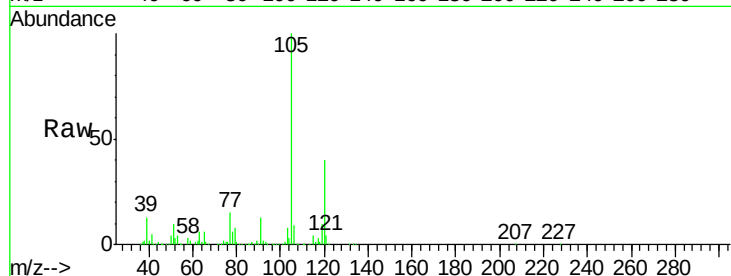
MGP202-30-32

Tot Ion:105 Resp: 285809

Ion Ratio Lower Upper

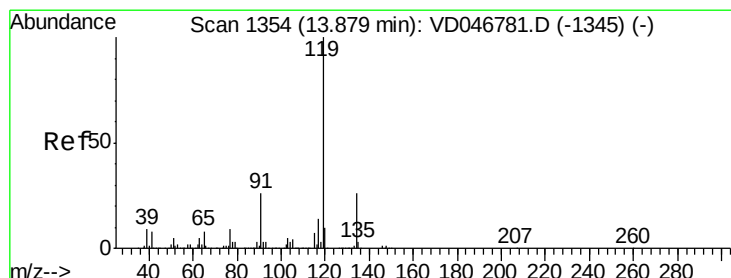
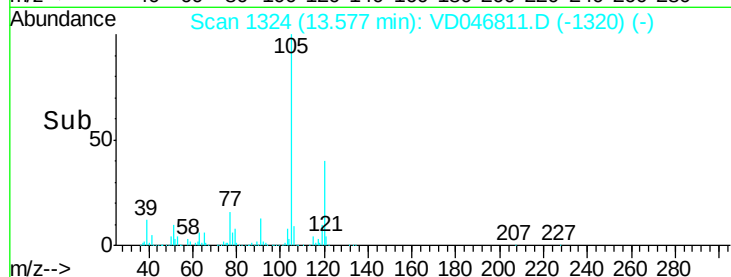
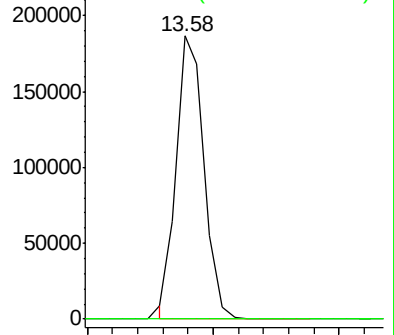
105 100

134 0.0 10.1 30.3#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 3.40 ug/l

RT: 13.94 min Scan# 1361

Delta R.T. 0.06 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

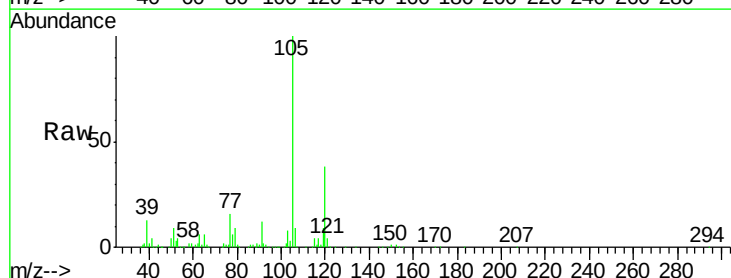
Tgt Ion:119 Resp: 15847

Ion Ratio Lower Upper

119 100

134 0.7 13.0 38.9#

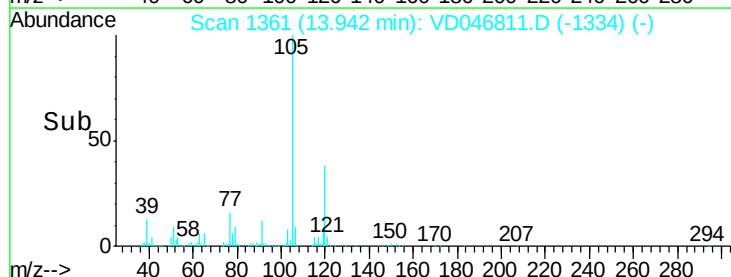
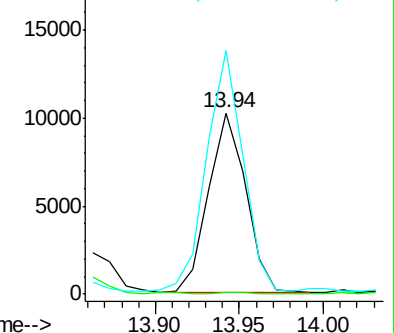
91 134.5 13.8 41.3#

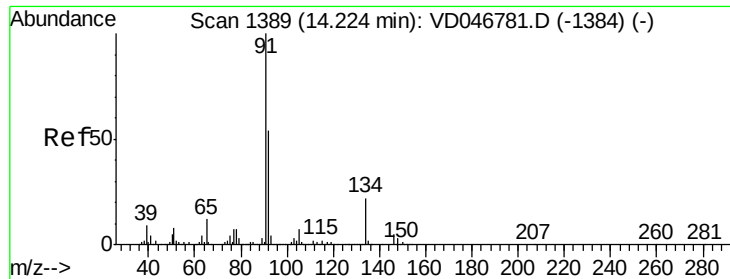


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

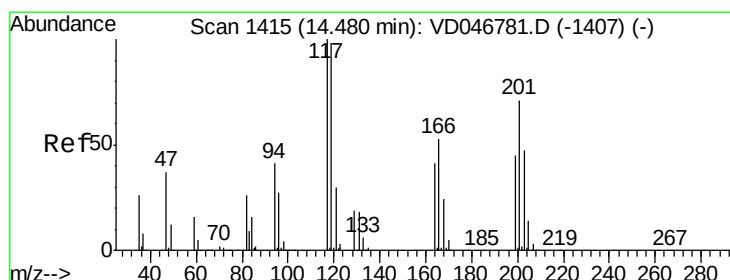
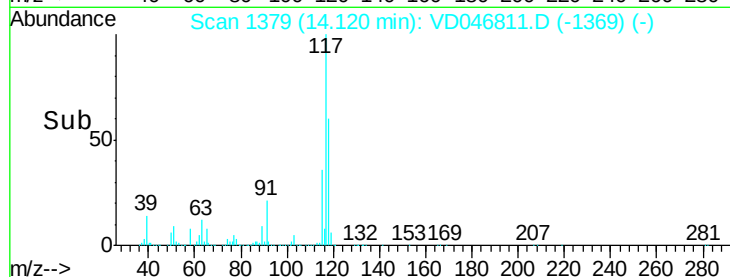
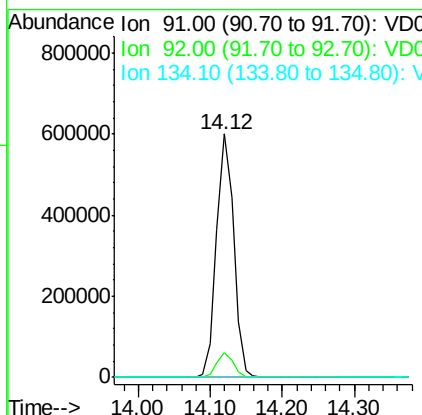
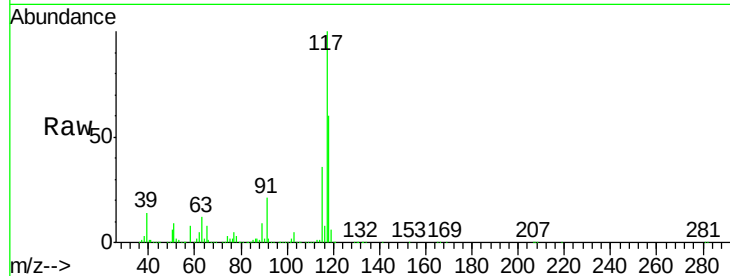




#89
n-Butylbenzene
Concen: 187.09 ug/l
RT: 14.12 min Scan# 1379
Delta R.T. -0.10 min
Lab File: VD046811.D
Acq: 21 Sep 2015 17:04

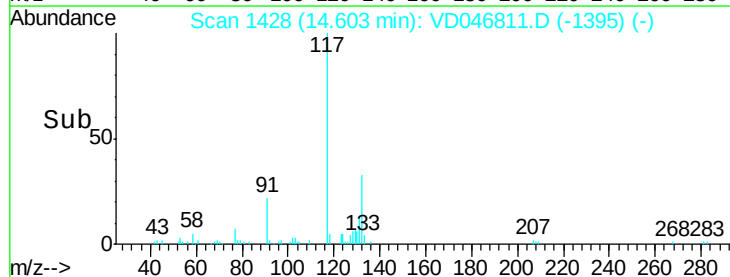
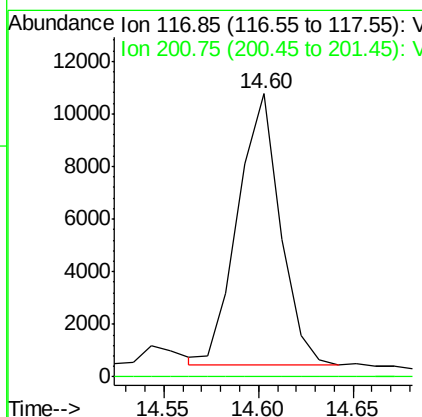
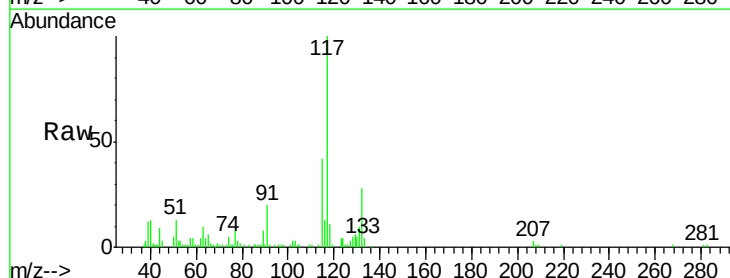
Instrument :
MSVOA_D
ClientSampleId :
MGP202-30-32

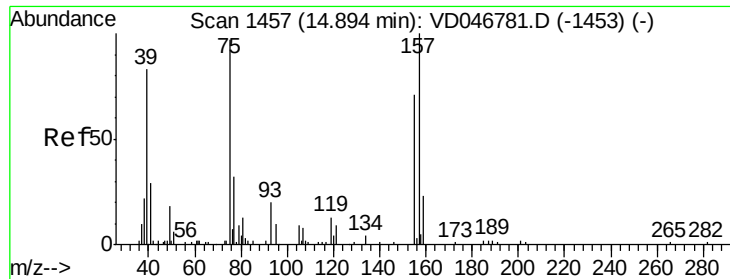
Tot Ion: 91 Resp: 984339
Ion Ratio Lower Upper
91 100
92 9.9 27.1 81.2#
134 0.0 9.6 28.6#



#90
Hexachloroethane
Concen: 14.78 ug/l
RT: 14.60 min Scan# 1428
Delta R.T. 0.12 min
Lab File: VD046811.D
Acq: 21 Sep 2015 17:04

Tgt Ion: 117 Resp: 15972
Ion Ratio Lower Upper
117 100
201 0.0 41.0 123.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 40.80 ug/l

RT: 14.89 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

Instrument :

MSVOA_D

ClientSampleId :

MGP202-30-32

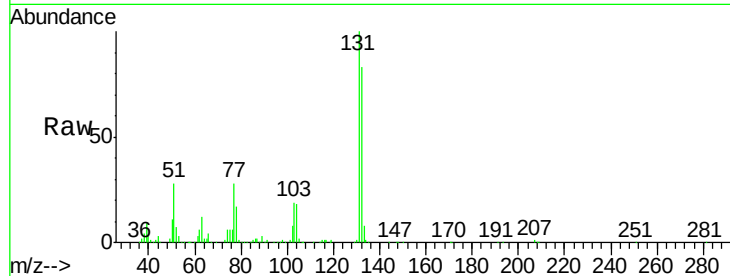
Tot Ion: 75 Resp: 4751

Ion Ratio Lower Upper

75 100

155 0.0 41.4 124.4#

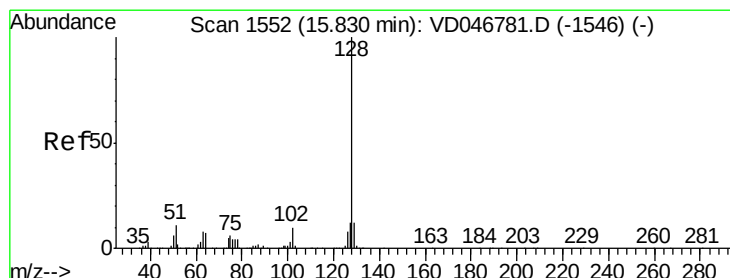
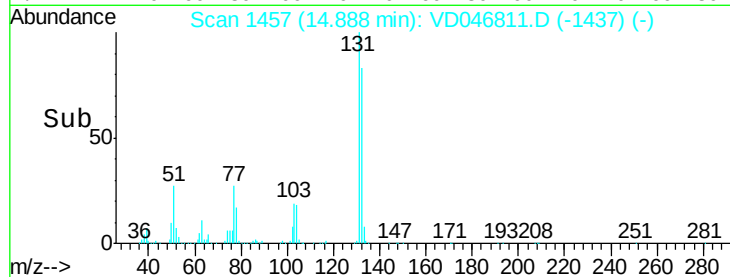
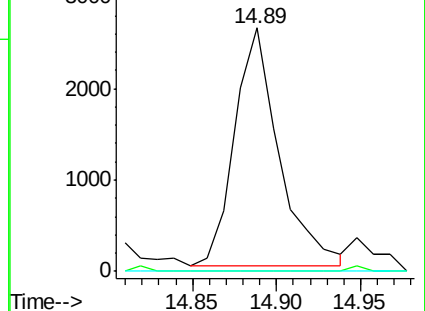
157 0.0 65.0 195.1#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V



#95

Naphthalene

Concen: 137.27 ug/l

RT: 15.81 min Scan# 1551

Delta R.T. -0.02 min

Lab File: VD046811.D

Acq: 21 Sep 2015 17:04

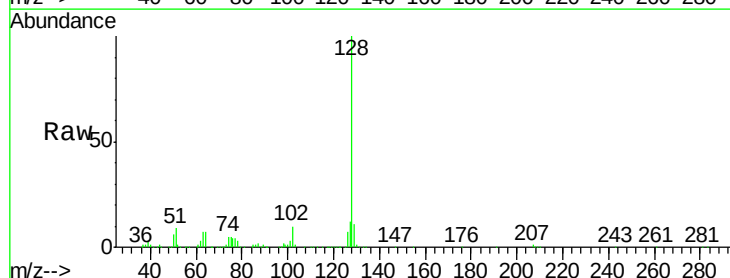
Tgt Ion: 128 Resp: 238882

Ion Ratio Lower Upper

128 100

127 12.1 9.8 14.6

129 10.8 8.6 12.8



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

